Base Load Power Hub (BLPH)

Logic diagram print out PCS

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Revision / Change Log

Rev.	Description
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01	Issue for Information (IFI)

HOLDS LIST

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1 INTRODUCTION

1.1 PROJECT OVERVIEW

Crosswind, a Shell and Eneco joint venture, was awarded the tender to develop the offshore Hollandse Kust Noord (HKN) wind farm, located 18.5km off the coast of Netherlands near the town of Egmond aan Zee. The consortium plans to have HKN operational in 2023 with an installed capacity of 759MW generating at least 3.3TWh per year. This is sufficient renewable power to supply more than 1 million Dutch households with green electricity.

Offshore wind farms produce intermittent electricity and balancing these dips and peaks and integrating this electricity into the national energy system requires new technologies. For this reason, the offshore wind farm will include several new technologies that could be implemented at full-scale in the future. The new technologies being explored include a floating solar park, a short-duration battery storage as well as long-term storage via green hydrogen produced by water electrolysis and subsequently consumed in a fuel cell. The combination of these individual measures, herein referred to as the Base Load Power Hub (BLPH) will ensure a continuous power supply regardless of the wind situation.

1.1.1 Project Location

The Hollandse Kust Noord (HKN) wind farm is located 18.5km off the coast of the Netherlands near the town of Egmond aan Zee.

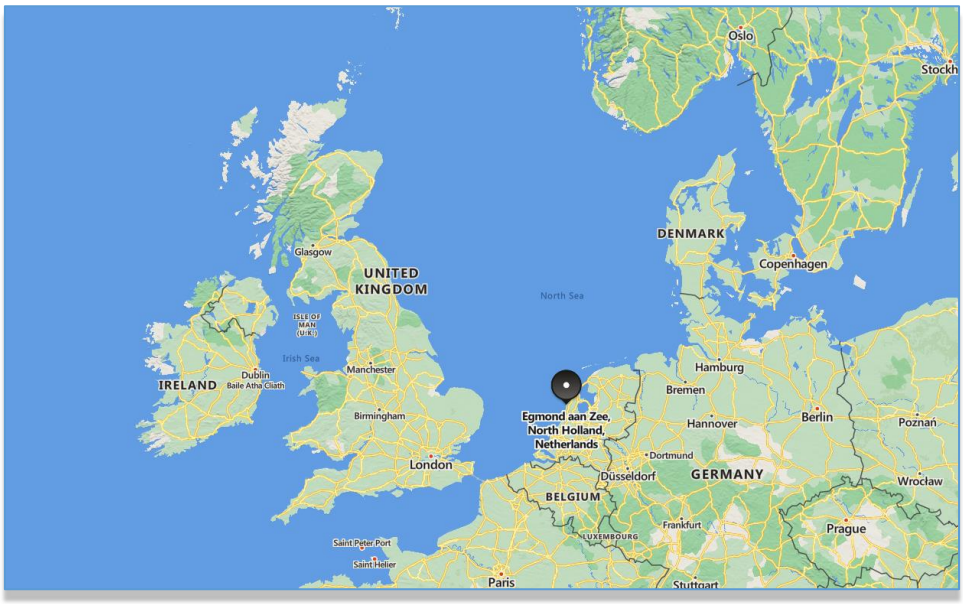


Figure 1 HOLLANDSE KUST NOORD WIND PARK Location Map

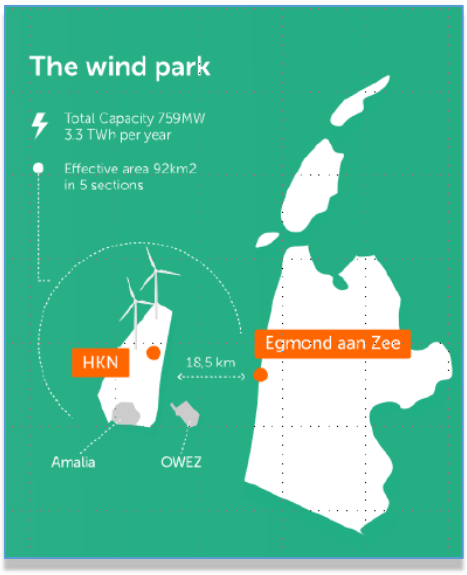


Figure 2 - Wind Park Details

The wind farm will consist of No. 69 x 11.5MW wind turbine generators each to be installed on a dedicated monopile structure. A 70th monopile located on coordinates E 590719.1, N 5841602.3 is reserved for installing the platform accommodating the BLPH. The monopile structure was designed and installed by Van Oord Offshore Wind (VooW) and therefore not part of the BLPH scope.

1.1.2 Project Concept

All components included in the BLPH will be integrated onshore on a topsides and installed in an offshore location within the boundaries of the HKN wind farm. At its simplest, the BLPH will store energy during periods of high electricity generation from renewable sources (a wind turbine generator and the floating solar PV farm) and release it during periods of low generation. In practice. It is expected that the energy stored will supplement generation from renewable sources to ensure that at least 1.0MW of power is exported to the electrical grid regardless of wind/solar availability.

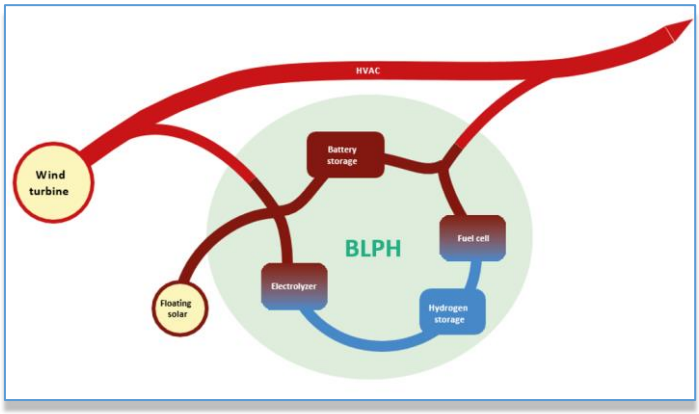


Figure 3 – BLPH Concept

Electricity in the BLPH will be stored in the form of electrons in a battery energy storage system (BESS) as well as converted into green hydrogen via water electrolysis. When the power output from the connecting wind turbine drops to below 1 MWe, the BLPH will return its stored energy to supplement the remaining power output. This will be by discharging the BESS, while stored hydrogen will be converted back into electricity using a fuel cell to extend the discharge duration.

The purpose of the BLPH s to function as a testbed for the integration of energy storage technologies with renewable generation. It is expected that equipment installed on the BLPH will operate as Normally Unmanned Installation for at least two (2) years with no or minimal maintenance and it will have its own independent control room with the ability to communicate with Crosswind's control room.

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2 DOCUMENT SCOPE

Self-documentation is printouts the contents defined on the various builders and the tuning parameters to a document as archived materials.

2.1 REFERENCES

Doc. No.	*Description*
123A90-DDL-IN-DD-40019 Rev.00	Data Network Architecture Drawings
123A90-PML-QHSE-PRO-00113 Rev.01	Vendor final document requirements and management
123A90-PML-PM-RE-00038 Rev.01	PROJECT CODES AND STANDARDS REPORT
123A90-DDL-TL-SP-45007 Rev.02	Telecom System Philosophy and Specifications
123A90-DDL-SAF-DL-30027 Rev.00	FandG detection Layout - lower and upper deck
123A90-DDL-SAF-DL-30028 Rev.00	FandG detection Layout - Below Lower deck
123A90-DDL-PR-UFD-80006 Rev.01	BLPH UTILITY FLOW DIAGRAM WATER TREATMENT PLANT
123A90-DDL-PR-UFD-80007 Rev.01	BLPH UTILITY FLOW DIAGRAM INSTRUMENT AIR AND NITROGEN SYSTEMS
123A90-DDL-PR-UFD-80008 Rev.01	BLPH UTILITY FLOW DIAGRAM VENT SYSTEMS
123A90-DDL-IN-SP-40018 Rev. 00	Data Network Design Specification
123A90-DDL-IN-SP-40094 Rev. 00	Instrumentation for Package Unit Specification
123A90-DDL-IN-SP-40097 Rev.00	System Specification for Main Automation Contractor
123A90-DDL-IN-SP-40098 Rev.00	Control System (PCS) Specification
123A90-DDL-IN-SP-40100 Rev.00	Safety System (ESD, Fire and Gas) Specification
123A90-DDL-IN-RE-40023 Rev. 00	Cyber Security Design Philosophy
123A90-DDL-IN-RE-40093 Rev. 00	Control System Philosophy
123A90-DDL-IN-DD-40096 Rev.00	Control System Architecture Detailed Drawings

Doc. No.	*Description*
123A90-DDL-IN-DD-40029 Rev.00	Automation Detailed Design and Construction Package
123A90-DDL-PR-DG-80000 Rev.01	Process Safety Cause and Effect Block Diagram
123A90-DDL-IN-MR-40103 Rev.01	MR - Process Automation System
123A90-DDL-IN-CE-40000 Rev.03	Process Safety Cause and Effect Matrix
123A90-DDL-IN-CE-40002 Rev.02	Fire and Gas Cause and Effect Matrix
K559-2254-PM-PLN-003 Rev.02	BASIC DESIGN ENGINEERING PACKAGE
123A90-MOM-RM-OOE-CW-002 Rev.00	Solar Package – BLPH Network Redundancy discussion
CWHKN-INN-INP-SPC-00005 Rev.01	SCADA Functional Design Specification
Crosswind - System Security Requirements v1.0	SYSTEM SECURITY REQUIREMENTS
K559-2254-EL-PHI-002 Rev03	ELECTRICAL SYSTEM DESCRIPTION AND DESIGN PHILOSOPHY
K559-2254-IC-BLD-001 Rev.01	PRELIMINARY CONTROL SYSTEM ARCHITECTURE
K559-2254-IC-PHI-001 Rev.01	CONTROL SYSTEM PHILOSOPHY
K559-2254-IC-REP-003 Rev.00	CYBER SECURITY ASSESSMENT
K559-2254-IC-SPE-001 Rev.00	SYSTEM SPECIFICATION FOR MAIN AUTOMATION CONTRACTOR
K559-2254-PR-BLD-001 Rev.01	BLOCK FLOW DIAGRAM SYSTEM OVERVIEW
K559-2254-EL-LST-001 Rev.00	CONTROL ALARM AND MONITORING TABLE
123A90-DDL-IN-LIS-40027 Rev.01	Master Alarm Database
123A90-DDL-IN-RE-40026 Rev.00	Alarm Management Workshop Report
123A90-DDL-IN-RE-40095 Rev.01	Process Control Logics Description
123A90-DDL-IN-PRO-40010 Rev.01	Override Procedures for Process Safeguarding Systems
123A90-DDL-IN-RE-40025 Rev.01	Alarm Management Workshop Terms of Reference
123A90-DDL-IN-SP-40024_Rev.00	Alarm System Requirements Specification
123A90-DDL-PR-RE-80031 Rev.02	Process Control, Operation, Start-up and Shutdown Philosophy
123A90-DDL-EL-DG-20014 Rev 01	Electrical Control, Protection and Metering Diagrams

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Doc. No.	*Description*
123A90-DDL-EL-DG-20158 Rev.02	Overall-Key Single Line Diagram
123A90-DDL-EL-RE-20170 Rev.01	Electrical System Study Report - Load Flow
123A90-DDL-EL-RE-20171 REV.01	Electrical System Study Report - Short Circuit
123A90-DDL-EL-RE-20175 Rev.01	Electrical System Study Report - Power Factor Compensation
123A90-DDL-EL-RE-20176 Rev.01	Electrical System Study Report - Transient In-Rush
123A90-DDL-EL-SP-20141 Rev.01	Electrical System Description and Design Philosophy
1723001595-EL-DG-00012 Rev.02	Functional logic diagram
1723001595-EL-DG-00013 Rev.03	BASE LOAD POWER HUB (BLPH) - 66kV Switchgear (GIS) - Single line diagram
1723001595-EL-DG-00017 Rev.01	Inter-panel logic diagram
1723001697-EL-DG-00010 Rev.03	TR-100AD1 Termination and Wiring Diagram
1723002197-EL-DG-00010 Rev. 04	SG-100D1 HV SWBD 6,6kV - ELECTRICAL SINGLE LINE DIAGRAM
1723002197-EL-DG-00011 Rev.04	SG-200N1 LV SWBD 400-230V ELECTRICAL SINGLE LINE DIAGRAM
1723002197-EL-DG-00012 Rev.04	SG-200D2-LV SWBD 800V-ELECTRICAL SINGLE LINE DIAGRAM
1723002197-EL-DG-00015 Rev.01	SG-100D1 MV SWBD 6,6kV - FUNCTIONAL DIAGRAM - INCOMING FEEDER
1723002197-EL-DG-00016 Rev.01	SG-100D1 MV SWBD 6,6kV - FUNCTIONAL DIAGRAM - BUS BAR METERING
1723002197-EL-DG-00017 Rev.01	SG-100D1 MV SWBD 6,6kV - FUNCTIONAL DIAGRAM BESS FEEDER A-8500
1723002197-EL-DG-00018 Rev.01	SG-100D1 MV SWBD 6,6kV - FUNCTIONAL DIAGRAM - ELECTROLYSER FEEDER A20000
1723002197-EL-DG-00019 Rev.03	SG-100D1 HV SWBD 6,6kV- FUNCTIONAL DIAGRAM - FUEL CELL FEEDER A-80000
1723002197-EL-DG-00020 Rev.03	SG-100D1 HV SWBD 6,6kV - FUNCTIONAL DIAGRAM - TRANSFORMER FEEDER TR200ED1
1723002197-EL-DG-00021 Rev.01	SG-100D1 MV SWBD 6,6kV - FUNCTIONAL DIAGRAM - TRANSFORMER FEEDER TR200DE1
1723002197-EL-DG-00022 Rev.01	SG-100D1 MV SWBD 6,6kV INTERCONNECTING

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Doc. No.	*Description*
1723002197-EL-DG-00023 Rev.01	SG-100D1 MV SWBD 6,6kV-LOGIC DIAGRAM-INCOMING FEEDER TR-100AD1
1723002197-EL-DG-00025 Rev.01	SG-100D1 MV SWBD 6,6kV - LOGIC DIAGRAM - BESS FEEDER A-85000
1723002197-EL-DG-00026 Rev.01	SG-100D1 MV SWBD 6,6kV - LOGIC DIAGRAM - ELECTROLYSER FEEDER A20000
1723002197-EL-DG-00027 Rev.03	SG-100D1 HV SWBD 6,6kV - LOGIC DIAGRAM -FUEL CELL FEEDER A-80000
1723002197-EL-DG-00028 Rev.03	SG-100D1 HV SWBD 6,6kV - LOGIC DIAGRAM - TRANSFORMER FEEDER TR200ED1
1723002197-EL-DG-00029 Rev.03	SG-100D1 HV SWBD 6,6kV - LOGIC DIAGRAM - TRANSFORMER FEEDER TR200DE1
1723002197-EL-DG-00030 Rev.02	SG-200N1 LV SWBD 400-230V FUNCTIONAL DIAGRAMS - INCOMINGS AND INTERCONNECTING AND AUX DISTRIBUTION
1723002197-EL-DG-00031 Rev.02	SG-200N1 LV SWBD 400-230V - FUNCTIONAL DIAGRAMS - TYPICAL FEEDERS
1723002197-EL-DG-00032 Rev.01	SG-200D2 LV SWBD - ELECTRICAL FUNCTIONAL DIAGRAM
1724000428-IN-LIS-00016 Rev.03	IO LIST - INSTRUMENT AIR PACKAGE
1724000437-IN-LIS-00015 Rev.03	IO LIST - NITROGEN GENERATION PACKAGE U-64000
1724000372-EL-LIS-00014 Rev.02	IO LIST
1723002197-EL-LIS-00041 Rev.02	SG-100D1 IO LIST- Hv Switchgear
1723002197-EL-LIS-00042 Rev.02	SG-200N1 IO LIST - Lv Switchgear
1723002197-EL-LIS-00043 Rev.01	SG-200D2 IO LIST (HARDWARE -SOFTWARE)
1723001595-EL-LIS-00011 Rev.02	Switchgear IO list
1724000448-IN-LIS-00019 Rev.01	INPUT-OUTPUT LIST
123A90-DDL-EL-DG-20185 Rev.01	Electrical Single Line Diagram HV Systems
1724000372-EL-DG-00006 Rev.02	DC UPS - SINGLE LINE DIAGRAM and INTERCONNECTING DIAGRAM
1724000372-EL-DG-00007 Rev.02	AC UPS - SINGLE LINE DIAGRAM and INTERCONNECTING DIAGRAM

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Doc. No.	*Description*
123A90-DDL-IN-LIS-40089 Rev.03	Instrument I-O List
123A90-DDL-EL-DL-20100 Rev 01	Base Load Power Hub - Electrical Equipment Layout - Top Deck
123A90-DDL-EL-DL-20101 Rev 01	BASE LOAD POWER HUB (BLPH) - Electrical Equipment Layout - Lower Deck
123A90-DDL-EL-DL-20104 Rev.02	Base Load Power Hub (BLPH) - Electrical Equipment Layout - HV Switch room
123A90-DDL-EL-DL-20105 Rev.02	Electrical Equipment Layout - LV Switch room
123A90-DDL-EL-DL-20106 Rev.01	Base Load Power Hub (BLPH) - Electrical Equipment Layout - UPSs & Batteries Switch room
123A90-DDL-IN-DL-40012_Rev.03	BASE LOAD POWER HUB - OFFSHORE ITER - EQUIPMENT LAYOUT
1724000049-HV-PID-00039.Rev.00	B-100 PID - E&I SHELTERS
1724000049-HV-PID-00040.Rev.00	B-200 PID - E&I SHELTERS
1724000049-HV-PID-00041.Rev.00	B-300 PID - E&I SHELTERS
1724000049-HV-PID-00042.Rev.00	B-400 PID - E&I SHELTERS
1724000428-PR-PID-00019 Rev.02	PACKAGE PID - INSTRUMENT AIR PACKAGE
1724000437-PR-PID-00018 Rev.02	PACKAGE PID - NITROGEN GENERATION PACKAGE
1724000448-PR-PID-00013_Rev.01	WATER TREATMENT PACKAGE-PID DIAGRAM
HKN1-04-DWG-312 RevD	HKN1-04-DWG-312 Power Export System Single Line Diagram
K559-2254-CWIWP4202201-C06-001 Rev.01	Electrical Single Line Diagrams
K559-2254-CWIWP4202202-C03-001 Rev.05	BALLARD - BLPH Project - P&IDs
C63-PID-001_Rev.07	ELOGEN BLPH Project - Process and Instrumentation Diagrams
123A90-DDL-IN-CE-40000 Rev.03	Process Safety Cause and Effect Matrix
123A90-DDL-IN-CE-40002 Rev.02	Fire and Gas Cause and Effect Matrix

Table 1 - Reference Documents

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2.2 YOKOGAWA PROJECT DOCUMENTS

Doc. No.	Description
1724000594-IN-RE-00041 Rev00	Cybersecurity Workshop Preparation
1724000594-QC-ITP-00002 Rev01	INSPECTION AND TEST PLAN
1724000594-QC-PRO-00031 Rev00	SW FACTORY ACCEPTANCE TEST (FAT) PROCEDURE
1724000594-IN-SP-00018 Rev02	PCS and SAFETY SYSTEMS Software Functional Design Specification (FDS-SW)
1724000594-IN-LIS-00040 Rev00	VENDOR ASSET AND TAG REGISTER
1724000594-IN-MAN-00038 Rev00	Instructions for Operation and Maintenance for ProSafe-RS
1724000594-QC-PRO-00030 Rev01	HW FACTORY ACCEPTANCE TEST (FAT) PROCEDURE
1724000594-IN-RE-00008 Rev01	Safety Controller loading estimation
1724000594-IN-DD-00028 Rev01	HMI screens print out
1724000594-IN-PL-00029 Rev00	Safety Validation Plan (SVP)
1724000594-IN-LIS-00005 Rev00	EMCS IO List (HW and SW)
1724000594-IN-RE-00035 Rev01	Cyber Security Risk Assessment REPORT
1724000594-IN-RE-00043 Rev00	CYBER SECURITY SETTINGS
1724000594-IN-LIS-00036 Rev01	ATEX REGISTER
1724000594-IN-SP-00019 Rev02	EMCS Software Functional Design Specification (FDS-SW)
1724000594-QC-LIS-00034 Rev00	MANUFACTURERS RECORD BOOK (FINAL DOSSIER) - INDEX
1724000594-QC-PRO-00042 Rev00	THIRD PARTY COMMUNICATION TEST PROCEDURE
1724000594-IN-DD-00015 Rev03	System Architecture
1724000594-IN-LIS-00004 Rev03	PCS and Safety System IO List (HW and SW)
1724000594-IN-DG-00016 Rev01	Network Connection Diagram
1724000594-IN-LIS-00007 Rev01	Systems Cables List
1724000594-IN-SP-00017 Rev01	PAS Hardware Functional Design Specification (FDS-HW)

Table 2 – Yokogawa Project Documents

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2.3 DEFINITIONS AND ABBREVIATIONS

ALE	Yokogawa Ethernet Communication Module
AMS	Alarm Management System
BLPH	Base Load Power Hub
CAP	Critical Action Panel
Centum VP	Yokogawa's DCS Product
PCS	Process Control System
CI	Collaborative Information
COMPANY	Crosswind
CONTRACTOR (CTR)	ROSETTI MARINO S.p.A.
DCS	Distributed Control System
DEP	Design and Engineering Practice
DOCUMENT NAME	Document Title
EMCS	Electrical Monitoring and Control System
EPC	Engineering, Procurement Construction
EWS	Engineering Workstation
FCS	Field Control Station
FGS	Fire & Gas System
GSD	General Station Description
HART	Highway Addressable Remote Transducer
HKN	Hollandse Kust Noord
HMI	Human Machine Interface
HV	High Voltage
HVAC	Heating, Ventilation and Air Conditioning
HV-SCADA	The given name for the COMPANY's control system for the HKN wind farm infrastructure. BLPH's control system shall operate autonomously but will interface with HV-SCADA.
IAMS	Instrument Asset Management System

IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
ITER	Instrument & Telecoms Equipment Room
ITP	Inspection and Test Plan
MAC	Main Automation Contractor
MCC	Motor Control Centre
NA	Not Applicable
OER	Onshore Equipment Room
OPC	OLE (Object Linking Embedded) for Process Control
P&ID	Piping and Instrument Diagram
PCS	Process Control System
PIN	Plant Information Network
PRM	Plant Resource Manager
PROJECT	HOLLANDSE KUST NOORD WIND PARK Project
SCADA	Supervisory Control and Data Acquisition
SHALL	An absolute requirement.
SHOULD	This word indicates a recommendation that whilst preferred may not be implemented provided some equivalent is proposed and agreed by COMPANY. The full implications must be understood and carefully weighed before choosing a different course.
SIF	Safety Instrumented Function
SIL	Safety Instrumented Level
SIS	Safety Instrumented System
TCP/IP	Transmission Control Protocol/Internet Protocol
Vnet/IP	Yokogawa Virtual Network
WSUS	Window Security Update Services

Table 3 - Definitions and Abbreviations

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3 LOGIC DIAGRAM PRINT OUT PCS

Self-documentation are the print out of the contents defined on the various builders and the tuning parameters to a document as archived materials. The document can be printed to a PDF file instead of papers. Printing to papers or PDF files is performed in the background. Use letter-sized (US) or A4 paper.

"Print Parameters" can be performed to print the tuning parameters of field control station in one document. It can also print out the tuning parameters of a specified function block by designating its tag name.

3.1 PCS CONTROLLER FCS0101 LOGIC PRINT OUT

Refer Attachment-1 FCS0101 Controller Logic Print Out

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	Title
	Contents
1	Explanatory legends
2	Project Definition
2.1	Project Properties
2.2	Plant Hierarchy
2.2.1	User-defined Equipment
2.2.2	Plant Hierarchy Equipment
2.3	Station Configuration
2.4	Security
2.5	Operation Mark
2.6	Engineering Unit Symbol
2.7	Switch Position Label
2.8	System-fixed Status Character String
2.9	Block Status Character String
2.10	Alarm Status Character String
2.11	Alarm Processing Table
2.12	Alarm Priority
2.13	Status Change Command Character String
2.14	Buzzer Assignment
2.15	CAMS for HIS
2.15.1	CAMS for HIS Alarm
2.15.2	CAMS for HIS Alarm Group
2.15.3	CAMS for HIS Message Monitor Definition
2.15.4	CAMS for HIS Shelf
2.16	State Transition Matrix List
2.17	Matrix1
2.18	UACS
2.18.1	UACS Alarm
2.18.2	UACS Alarm Group
2.18.3	UACS Assignment
2.18.4	UACS Filter
2.18.5	UACS Shelf
2.18.6	UACS Suppression Group
2.18.7	UACS View Layout
2.19	Domain Properties
2.20	UGS
2.20.1	User-Defined Faceplate Block Definition
3	FCS0101
3.1	FCS Properties
3.2	FCS Constant
3.3	Equipment
3.4	SFC Sequence List
3.5	SEQ_LIBRARY
3.5.1	SFC_SEQUENCE
3.6	IOM
3.6.1	NODE1
3.6.2	NODE2
3.6.3	NODE3
3.6.4	NODE4
3.7	Communication I/O
3.8	Communication I/O Tag
3.9	Expanded Communication I/O
3.10	Expanded Communication I/O Tag
3.11	Common switch
3.12	Common switch2
3.13	Common switch3
3.14	Common switch4
3.15	Common switch5
3.16	Common switch6
3.17	Common switch7
3.18	Common switch8
3.19	Common switch9
3.20	Global Switch
3.21	Printout Message
3.22	Operator Guide
3.23	Signal Event
3.24	Annunciator
3.25	Function Block

PROJECT
BLPH-CW1

S e l f - D o c u m e n t a t i o n

9/15/2025

Explanatory legends

In Self Document, the term is omitted as follows.

[Color]

B:Blue
C:Cyan
DB:Deep Sky Blue
G:Green
GR:Gray
M:Magenta
N:Black
OR:Orange
PK:Pink
R:Red
SB:Steel Blue
SG:Spring Green
VO:Violet
W:White
Y:Yellow
YG:Yellow Green

[IOM Builder (Contact Input/Output):Mode]

SI:Status Input
PB:Push-Button Input
SO:Status Output
PW:Pulse Width Output
TP:Time-Proportioning Output

Project Property:BLPH-CW1

Name and Position

Project Name	BLPH-CW1
Position	C:\CENTUMVP\eng\BKProject\
Project Comment	
Alias of Project	
User authentication	
Use Windows user names as HIS user names	NO

Outline

Software Information	
Model Name	CENTUM VP
User Name	Windows User
Organization Name	BLPH-CW1
Project information	BLPH-CW1

Constant

Domain Number	1

Detailed Setting

Put Engineering Unit Symbol into MAN Mode	YES
Put Switch Position Label into MAN Mode	YES
Plant Hierarchy	
Start Number	1
Maximum Number of use	32767
Number of in use (Number of Custom facilities)	1287(1000)
Display FF-PID in same style as PID	NO
Do not allow online change of alarm detection (AF)	NO
Enable advanced features of editing headers and footers for self-documentation	YES
Show guide line for aligning I/O area on FCS builder	NO
Define tag name hierarchies	NO
Enable sheet-link on HIS	YES
Apply same permission level of PV to CPV	YES
Prohibit setting SV to a value beyond the range of SVL and SVH	NO
Hide the information related to disabled alarms on HIS	NO
Change the shape of tag marks and alarm marks for each alarm priority	NO

Graphic

Do not apply color change to the transparent control object if Transparent is checked	YES
Exchange text and background colors if Invert is checked	YES
Blink background if Invert is checked while a blinking action is active	YES

UACS

Alarm Management Type	Coexistence
Configuration Operation Keyboard	
ACK key acknowledges	The selected A&E Messages
Configuration Suppression	
Display the recovery message received in Standby.	NO

CAMS for HIS

Alarm action	
Method	Consolidated
Display Alarm status of suppressed tag	
Detection=Disable	Display alarm status in CAMS for HIS style
Priority=Logging/Reference	Display alarm status in CAMS for HIS style
Suppression=ON	Display alarm status in CAMS for HIS style
Create R3/R4.01 Compatible Database	NO
Multiple project connection	
Equalize the alarm & event data and CAMS engineering data with connected projects	NO
Suppression	
Do not generate recovery message when Suppression is started.	NO
Save data for analysis	
Shelving historical information	YES

Plant Hierarchy Builder

No.	Equipment ID	Equipment name	Comment	Equipment Format	Upper Equipment Name
1	74	BLPH		Site	
2	740	PCS		Unit	BLPH
3	79	ESD		Unit	BLPH
4	70	FGS		Unit	BLPH
5	87	EMCS		Unit	BLPH
6	20	ELECTROLYZER		Unit	BLPH
7	80	FUELCELL		Unit	BLPH
8	85	BESS		Unit	BLPH
9	77	HVAC		Unit	BLPH
10	50	WTP		Unit	BLPH
11	63	IA		Unit	BLPH
12	64	N2		Unit	BLPH
13	72	NAVAIDS		Unit	BLPH
14	25	H2		Unit	BLPH
15	43	VENT		Unit	BLPH
16	741	IDS		Unit	BLPH
17					
18					
19					
20					

Plant Hierarchy Viewer

Equipment ID	Equipment name	Upper Equipment Name	Equipment Format
20	ELECTROLYZER	BLPH	Unit
25	H2	BLPH	Unit
43	VENT	BLPH	Unit
50	WTP	BLPH	Unit
63	IA	BLPH	Unit
64	N2	BLPH	Unit
70	FGS	BLPH	Unit
72	NAVAIDS	BLPH	Unit
74	BLPH		Site
77	HVAC	BLPH	Unit
79	ESD	BLPH	Unit
80	FUELCELL	BLPH	Unit
85	BESS	BLPH	Unit
87	EMCS	BLPH	Unit
740	PCS	BLPH	Unit
741	IDS	BLPH	Unit
1001	FCS0101		Area
1006	%DR0005S010101	FCS0101	Cell
1007	%DR0006S010101	FCS0101	Cell
1008	%DR0007S010101	FCS0101	Cell
1009	%DR0008S010101	FCS0101	Cell
1010	%DR0009S010101	FCS0101	Cell
1015	%DR0014S010101	FCS0101	Cell
1022	%DR0021S010101	FCS0101	Cell
1023	%DR0022S010101	FCS0101	Cell
1025	%DR0024S010101	FCS0101	Cell
1032	%DR0031S010101	FCS0101	Cell
1033	%DR0032S010101	FCS0101	Cell
1036	%DR0035S010101	FCS0101	Cell
1037	%DR0036S010101	FCS0101	Cell
1038	%DR0037S010101	FCS0101	Cell
1039	%DR0038S010101	FCS0101	Cell
1040	%DR0039S010101	FCS0101	Cell
1041	%DR0040S010101	FCS0101	Cell
1042	%DR0041S010101	FCS0101	Cell
1043	%DR0042S010101	FCS0101	Cell
1044	%DR0043S010101	FCS0101	Cell
1045	%DR0044S010101	FCS0101	Cell
1047	%DR0046S010101	FCS0101	Cell
1081	%DR0080S010101	FCS0101	Cell
1082	%DR0081S010101	FCS0101	Cell
1102	%DR0101S010101	FCS0101	Cell
1103	%DR0102S010101	FCS0101	Cell
1104	%DR0103S010101	FCS0101	Cell
1105	%DR0104S010101	FCS0101	Cell
1106	%DR0105S010101	FCS0101	Cell
1107	%DR0106S010101	FCS0101	Cell
1108	%DR0107S010101	FCS0101	Cell
1109	%DR0108S010101	FCS0101	Cell
1110	%DR0109S010101	FCS0101	Cell
1111	%DR0110S010101	FCS0101	Cell
1112	%DR0111S010101	FCS0101	Cell
1113	%DR0112S010101	FCS0101	Cell
1114	%DR0113S010101	FCS0101	Cell
1115	%DR0114S010101	FCS0101	Cell
1116	%DR0115S010101	FCS0101	Cell
1117	%DR0116S010101	FCS0101	Cell
1118	%DR0117S010101	FCS0101	Cell
1119	%DR0118S010101	FCS0101	Cell
1120	%DR0119S010101	FCS0101	Cell
1121	%DR0120S010101	FCS0101	Cell
1122	%DR0121S010101	FCS0101	Cell
1123	%DR0122S010101	FCS0101	Cell
1124	%DR0123S010101	FCS0101	Cell
1126	%DR0125S010101	FCS0101	Cell
1127	%DR0126S010101	FCS0101	Cell
1128	%DR0127S010101	FCS0101	Cell
1129	%DR0128S010101	FCS0101	Cell
1131	%DR0130S010101	FCS0101	Cell
1132	%DR0131S010101	FCS0101	Cell
1135	%DR0134S010101	FCS0101	Cell
1136	%DR0135S010101	FCS0101	Cell

Equipment ID	Equipment name	Upper Equipment Name	Equipment Format
1137	%DR0136S010101	FCS0101	Cell
1138	%DR0137S010101	FCS0101	Cell
1139	%DR0138S010101	FCS0101	Cell
1140	%DR0139S010101	FCS0101	Cell
1141	%DR0140S010101	FCS0101	Cell
1144	%DR0143S010101	FCS0101	Cell
1146	%DR0145S010101	FCS0101	Cell
1151	%DR0150S010101	FCS0101	Cell
1152	%DR0151S010101	FCS0101	Cell
1153	%DR0152S010101	FCS0101	Cell
1154	%DR0153S010101	FCS0101	Cell
1155	%DR0154S010101	FCS0101	Cell
1156	%DR0155S010101	FCS0101	Cell
1157	%DR0156S010101	FCS0101	Cell
1158	%DR0157S010101	FCS0101	Cell
1162	%DR0161S010101	FCS0101	Cell
1201	%DR0200S010101	FCS0101	Cell
1282	HIS0164		Area
1283	SCS0110		Area
1284	STN0160		Area
1286	STN0161		Area
1287	SCS0120		Area
1288	STN0162		Area

PROJECT:	BLPH-CW1	FILE NAME:	StnConf.edf	SHEET:		YOKOGAWA	PAGE:2-3-1
STATION:		SAVED DATE:	4/15/2025 2:31:18 AM	COMMENT:			
SECTION:	Station Configuration	PRINTED DATE:	9/15/2025	DRAWER:			

Station Configuration Viewer

No.	Domain number	Station number	Station Name	Alias of Station	Station type				
	Comment		Ethernet Host Name	Ethernet Address	Subnet mask	Vnet Host Name	Vnet Address	Subnet Mask (Vnet)	
	Component number								
001	1	1	FCS0101		AFV30D Duplexed Field Control Unit(for Vnet/IP and FIO, 19" Rack Mountable Type)				
						FCS0101	172.16.1.1	255.255.0.0	
002	1	10	SCS0110		S2SC70D-F Duplexed Safety Control Unit (for Vnet/IP and N-IO/FIO, Rack Mountable Type, Wide Range Temperature Type)				
	SIS STATION 0110								
003	1	20	SCS0120		S2SC70D-F Duplexed Safety Control Unit (for Vnet/IP and N-IO/FIO, Rack Mountable Type, Wide Range Temperature Type)				
	FGS STATION 0120								
004	1	60	STN0160	IAMS	PC				
			IAMSSVR	127.0.0.1	255.0.0.0	IAMSSVR	172.16.1.60	255.255.0.0	
005	1	61	STN0161	CISERV02	PC				
006	1	62	STN0162	CISERV01	PC				
007	1	64	HIS0164		PC with Operation and Monitoring Functions				
			EWS0164	127.0.0.1	255.255.0.0	EWS0164	172.16.1.64	255.255.0.0	

Security Builder

Valid User

No.	User Name	User Group	Privilege Levels	Set Automatic User Out Time
	Automatic User Out Time[Hour]	Comment		
0001	OFFUSER	DEFGRP	S1	NONE
	0 Hour 0 Minute	Default OFF User		
0002	ONUSER	DEFGRP	S2	NONE
	0 Hour 0 Minute	Default ON User		
0003	ENGUSER	DEFGRP	U3	NONE
	0 Hour 0 Minute	Default ENG User		
0004	PROG	DEFGRP	S8	NONE
	0 Hour 0 Minute	Default Program User		
0005	OPERATOR	DEFGRP	U2	NONE
	0 Hour 0 Minute	Operator		
0006	SUPERVISOR	DEFGRP	U1	NONE
	0 Hour 0 Minute	Supervisor		

User Group

No.0001 DEFGRP

Monitoring Range	ALL
Operation and Monitoring Range	ALL
Operation Allowed Station	ALL
Window Range	ALL
Acknowledgment	ALL
Process Message Receiving	ALL
System Alarm Receiving	ALL
Exclude Operation	NONE
Exclude Operation and Monitoring	NONE
Operation Denied Station	NONE
Exclude Acknowledgment	NONE
Exclude Process Message	NONE
Exclude System Alarm	NONE
Comment	Default User Group ALL

No.0002 NONEGRP

Monitoring Range	NONE
Operation and Monitoring Range	NONE
Operation Allowed Station	NONE
Window Range	NONE
Acknowledgment	NONE
Process Message Receiving	NONE
System Alarm Receiving	NONE
Exclude Operation	NONE
Exclude Operation and Monitoring	NONE
Operation Denied Station	NONE
Exclude Acknowledgment	NONE
Exclude Process Message	NONE
Exclude System Alarm	NONE
Comment	Default User Group NONE

Operation Mark Builder

No.	Tag Label	Color	Tag Level	Install/Remove
0001	OPMARK01	W	Comment Type	All Privileges
0002	OPMARK02	W	Comment Type	All Privileges
0003	OPMARK03	W	Comment Type	All Privileges
0004	OPMARK04	W	Comment Type	All Privileges
0005	OPMARK05	W	Comment Type	All Privileges
0006	OPMARK06	W	Comment Type	All Privileges
0007	OPMARK07	W	Comment Type	All Privileges
0008	OPMARK08	W	Comment Type	All Privileges
0009	OPMARK09	W	Comment Type	All Privileges
0010	OPMARK10	W	Comment Type	All Privileges
0011	OPMARK11	W	Comment Type	All Privileges
0012	OPMARK12	W	Comment Type	All Privileges
0013	OPMARK13	W	Comment Type	All Privileges
0014	OPMARK14	W	Comment Type	All Privileges
0015	OPMARK15	W	Comment Type	All Privileges
0016	OPMARK16	W	Comment Type	All Privileges
0017	OPMARK17	W	Comment Type	All Privileges
0018	OPMARK18	W	Comment Type	All Privileges
0019	OPMARK19	W	Comment Type	All Privileges
0020	OPMARK20	W	Comment Type	All Privileges
0021	OPMARK21	W	Comment Type	All Privileges
0022	OPMARK22	W	Comment Type	All Privileges
0023	OPMARK23	W	Comment Type	All Privileges
0024	OPMARK24	W	Comment Type	All Privileges
0025	OPMARK25	W	Comment Type	All Privileges
0026	OPMARK26	W	Comment Type	All Privileges
0027	OPMARK27	W	Comment Type	All Privileges
0028	OPMARK28	W	Comment Type	All Privileges
0029	OPMARK29	W	Comment Type	All Privileges
0030	OPMARK30	W	Comment Type	All Privileges
0031	OPMARK31	W	Comment Type	All Privileges
0032	OPMARK32	W	Comment Type	All Privileges
0033	OPMARK33	W	Comment Type	All Privileges
0034	OPMARK34	W	Comment Type	All Privileges
0035	OPMARK35	W	Comment Type	All Privileges
0036	OPMARK36	W	Comment Type	All Privileges
0037	OPMARK37	W	Comment Type	All Privileges
0038	OPMARK38	W	Comment Type	All Privileges
0039	OPMARK39	W	Comment Type	All Privileges
0040	OPMARK40	W	Comment Type	All Privileges
0041	OPMARK41	W	Comment Type	All Privileges
0042	OPMARK42	W	Comment Type	All Privileges
0043	OPMARK43	W	Comment Type	All Privileges
0044	OPMARK44	W	Comment Type	All Privileges
0045	OPMARK45	W	Comment Type	All Privileges
0046	OPMARK46	W	Comment Type	All Privileges
0047	OPMARK47	W	Comment Type	All Privileges
0048	OPMARK48	W	Comment Type	All Privileges
0049	OPMARK49	W	Comment Type	All Privileges
0050	OPMARK50	W	Comment Type	All Privileges
0051	OPMARK51	W	Comment Type	All Privileges
0052	OPMARK52	W	Comment Type	All Privileges
0053	OPMARK53	W	Comment Type	All Privileges
0054	OPMARK54	W	Comment Type	All Privileges
0055	OPMARK55	W	Comment Type	All Privileges
0056	OPMARK56	W	Comment Type	All Privileges
0057	OPMARK57	W	Comment Type	All Privileges
0058	OPMARK58	W	Comment Type	All Privileges
0059	OPMARK59	W	Comment Type	All Privileges
0060	OPMARK60	W	Comment Type	All Privileges
0061	OPMARK61	W	Comment Type	All Privileges
0062	OPMARK62	W	Comment Type	All Privileges
0063	OPMARK63	W	Comment Type	All Privileges
0064	OPMARK64	W	Comment Type	All Privileges

Engineering Unit Symbol Builder

No.1 - No.64

No.	Engineering Unit Symbol	No.	Engineering Unit Symbol	No.	Engineering Unit Symbol	No.	Engineering Unit Symbol
1	(None)	17	KM	33		49	A
2	%	18	RPM	34		50	kA
3	S	19	M/S	35	MBAR	51	MV
4	MIN	20	M/M	36	bar	52	V
5	HR	21	M/H	37		53	kV
6	D	22	Hz	38		54	OHM
7	DEGC	23	kHz	39		55	VAR
8		24		40	K	56	kVAR
9	RAD	25	G/CM3	41	J	57	MVAR
10	DEG	26	G/NM3	42	W	58	pH
11	GAL	27	kG/CM3	43	kW	59	PPB
12	barg	28	kG/NM3	44	kWH	60	PPM
13	UM	29	kG/M3	45	MW	61	%O2
14	MM	30		46	MWH	62	%H2
15	CM	31	PA	47	kVA	63	%V
16	M	32		48	COSFi	64	WT%

No.65 - No.128

No.	Engineering Unit Symbol	No.	Engineering Unit Symbol	No.	Engineering Unit Symbol	No.	Engineering Unit Symbol
65	VOL%	81	kL	97	kG	113	KL
66	MOL%	82	kL/S	98	kG/S	114	
67		83	kL/M	99	kG/M	115	
68		84	kL/H	100	kG/H	116	
69	M3	85	NM3	101	TNE	117	MJ
70	M3/S	86	NM3/S	102	TNE/S	118	MJ/S
71	M3/M	87	NM3/M	103	TNE/M	119	MJ/M
72	M3/H	88	NM3/H	104	TNE/H	120	MJ/H
73	kM3	89	NKM3	105		121	
74	kM3/S	90	NKM3/S	106		122	HPA
75	kM3/M	91	NKM3/M	107		123	kPA
76	kM3/H	92	NKM3/H	108		124	MPA
77	L	93	G	109	NM3	125	
78	L/S	94	G/S	110		126	kJ
79	L/M	95	G/M	111		127	
80	L/H	96	G/H	112		128	

No.129 - No.192

No.	Engineering Unit Symbol	No.	Engineering Unit Symbol	No.	Engineering Unit Symbol	No.	Engineering Unit Symbol
129		145		161		177	
130		146		162		178	
131	mmH2O	147		163		179	
132		148		164		180	
133		149		165		181	
134		150		166		182	
135		151		167		183	
136	degC	152		168		184	
137	dB	153		169		185	
138	%L	154		170		186	
139	% LFL	155		171		187	
140	% Vol	156		172		188	
141	%LEL	157		173		189	
142	uS/cm	158		174		190	
143		159		175		191	
144		160		176		192	

No.193 - No.256

No.	Engineering Unit Symbol	No.	Engineering Unit Symbol	No.	Engineering Unit Symbol	No.	Engineering Unit Symbol
193		209		225		241	
194		210		226		242	
195		211		227		243	
196		212		228		244	
197		213		229		245	
198		214		230		246	
199		215		231		247	
200		216		232		248	
201		217		233		249	
202		218		234		250	
203		219		235		251	
204		220		236		252	
205		221		237		253	
206		222		238		254	
207		223		239		255	
208		224		240		256	

Switch Position Label Builder

No.	Label 1	Label 2	Label 3	Label 4
001				
002	ON		OFF	ON
003	RUN		STOP	RUN
004	OPEN		CLOSE	OPEN
005	HIGH	MIDDLE	LOW	HIGH
006	RIGHT	MIDDLE	LEFT	RIGHT
007	DIRECT	STOP	REVERS	DIRECT
008	START	HOLD	STOP	START
009	3	2	1	0
010	STOP	PAUSE	START	STOP
011	UP		DOWN	UP
012	RUN	PAUSE	STOP	RUN2
013	START	PAUSE	RESTART	START2
014	START		STOP	START
015	REMOTE		LOCAL	REMOTE
016	READY		N_READY	READY
017	ALARM		NORMAL	ALARM
018	NORMAL		FAULT	NORMAL
019	RUNNING		STOPPED	RUNNING
020	CLOSED		N_CLOSED	CLOSED
021	OPENED		N_OPENED	OPENED
022	NORMAL		TRIP	NORMAL
023	START			START
024	STOP			STOP
025	LOCAL		REMOTE	LOCAL
026	N_OPENED		OPENED	N_OPENED
027	ENABLE		DISABLE	ENABLE
028	N_CLOSE		CLOSE	N_CLOSE
029	N_OPEN		OPEN	N_OPEN
030	N_CLOSED		CLOSED	N_CLOSED
031	CLOSE		N_CLOSE	CLOSE
032	DISABLE		ENABLE	DISABLE
033	OFF		ON	OFF
034	TRIP		NORMAL	TRIP
035	CLOSE		OPEN	CLOSE
036	ACTVD		N_ACTVD	ACTVD
037	FAULT		NORMAL	FAULT
038	RESET		-	RESET
039	LOCK		N_LOCK	LOCK
040				
041				
042				
043				
044				
045				
046				
047				
048				
049				
050				
051				
052				
053				
054				
055				
056				
057				
058				
059				
060				
061				
062				
063				
064				
065				
066				
067				
068				
069				
070				
071				

PROJECT:	BLPH-CW1	FILE NAME:	Instlabel.edf	SHEET:		YOKOGAWA	PAGE:2-7-2
STATION:		SAVED DATE:	4/16/2025 11:56:48 PM	COMMENT:			
SECTION:	Switch Position Label	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Label 1	Label 2	Label 3	Label 4
072				
073				
074				
075				
076				
077				
078				
079				
080				
081				
082				
083				
084				
085				
086				
087				
088				
089				
090				
091				
092				
093				
094				
095				
096				
097				
098				
099				
100				
101				
102				
103				
104				
105				
106				
107				
108				
109				
110				
111				
112				
113				
114				
115				
116				
117				
118				
119				
120				
121				
122				
123				
124				
125				
126				
127				
128				

System-fixed Status Character String Viewer

Data Status

Bit	DATA
1	BAD
2	QST
3	NCOM
4	NFP
5	PTPF
6	CLP+
7	CLP-
8	CND
9	CAL
10	NEFV
11	O/S
12	MNT
13	
14	
15	
16	
17	IOP+
18	IOP-
19	OOP
20	NRDY
21	PFAL
22	LPFL
23	MP
24	HAND
25	MINT
26	SINT
27	SVPB
28	WREQ
29	HASC
30	
31	
32	
33	

Block Mode

Bit	MODE
1	O/S
2	
3	
4	
5	IMAN
6	TRK
7	
8	SEMI
9	MAN
10	AUT
11	CAS
12	PRD
13	RCAS
14	ROUT
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	

Bit	MODE

Block Status

Bit	TIMER	CODE	SIO	BBSETU	BFSBSET	BSAMA	STC
	IDCOM	BSRV2	BSRV3				
1	PAUS	ERR	ANCK			IMAN	INVL
	OFF						
2						TRK	
	INVL						
3	ABRT					ANCK	
4							
5							
6							
7							
8							
9	PALM	HI	OFF		OFF	OFF	WMUP
	ZHI	RST					
10	CTUP	LO	LOCK			LOCK	PLMT
	ZLO						
11	NR	NR				STBY	STUP
	ZHDB						
12						PAUS	PVER
	ZLDB						
13						CND1	
	SMH						
14							
	SML						
15							
	VI						
16							
	VD						
17	RUN		SIM	STRT	SIM	CND2	RUN
	CLP-	OVR					
18	STOP		NR	IBCH		SIM	OFF
	CLP+	NR					
19				STUP		PALM	
	CLP						
20				STDY		CTUP	
21				ERLY		NR	
22				PBCH			
23				END			
24				NCNT			
25	RSET			RSET			
	NR						
26				EMST			
27				EEMS			
28				RSTR			
29							
30							
31							
32							
33							

Bit	TIMER IDCOM	CODE BSRV2	SIO BSRV3	BBSETU	BFSBSET	BSAMA	STC

Alarm Status

Bit	PID ALM-R ASRV5	PI-BLEND AN ASRV6	ABSETU ECS ASRV7	FSBSET VPM ASRV8	MC ASRV2	CALCU ASRV3	SBSD ASRV4
1							
2							
3							
4							
5							
6							
7							
8	CAL CAL	CAL CAL	CAL CAL	CAL CAL	CAL	CAL	CAL
9	NR NR	NR NR	NR NR	NR NR	NR NR	NR	NR
10	OOP	OOP	OOP	OOP SGNL	OOP	OOP	OOP
11	IOP	IOP IOP	IOP IOP	IOP VPTN	IOP IOP	IOP	IOP
12	IOP-	IOP- IOP-	IOP-	IOP- DATA	IOP-	IOP-	IOP-
13	HH HALM	HH	NPLS	NPLS TYPE	TRIP HTRP		
14	LL	LL	LL	DV2	 LTRP		
15							
16				OUTS			
17	HI MALM	HI	HI HI	EMST	HI HHH		END
18	LO	LO	LO LO		LO LLL		PRE
19			LEAK	LEAK	 FLT		LEAK
20							
21	DV+ LALM	DV+	BDV+ DV+	DV1	PERR OVR	CERR	
22	DV-	DV-	BDV- DV-		 PWON		

Bit	PID	PI-BLEND	ABSETU	FSBSET	MC	CALCU	SBSD
	ALM-R	AN	ECS	VPM	ASRV2	ASRV3	ASRV4
	ASRV5	ASRV6	ASRV7	ASRV8			
23							
24							
25	VEL+	HDV			ANS+		
	RALM		VEL		ANS+		
26	VEL-	LDV	BEND		ANS-		
			ABAL		ANS-		
27	MHI	MHI	BPRE		INT		
			MHI				
28	MLO	MLO					
			MLO				
29							
30							
31							
32	CNF	CNF	CNF	CNF	CNF	CNF	CNF
	CNF	ALM					
33							
		NR					

Alarm Flashing Status

Bit	AFLS
1	AFL
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
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22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	

Bit	AFLS

Alarm Output Off Status

Bit	AOFS
1	
2	AOF
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
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21	
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26	
27	
28	
29	
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31	
32	
33	

Alarm Detection

Bit	AF
1	
2	
3	AF
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
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24	
25	
26	
27	
28	
29	
30	
31	
32	

Bit AF
33

User-defined Status Character String Builder

Block Status Definition

Bit	USER1	USER2	USER3	USER4	USER5	USER6	USER7	USER8
1								
2	FAIL							
3	ABRT							
4	IDLE	ABORTED						
5	SIML	RUNNING						
6		SUSPEND						
7		PAUSED						
8								
9								
10								
11								
12								
13								
14								
15								
16								
17	RUN							
18	STOP							
19	STUP							
20	HOLD							
21	WAIT							
22								
23	END	END						
24								
25	SDWN							
26	ESD							
27								
28	RSTR							
29								
30								
31								
32								
33								

User-defined Status Character String Builder

Alarm Status Definition

Bit	USER9 USER16	USER10	USER11	USER12	USER13	USER14	USER15
1							
2							
3							
4							
5							
6							
7							
8							
9	NR	NR	NR				
10	OOP	ALARM01	ALARM01				
11	IOP	ALARM02	ALARM02				
12	IOP-	ALARM03	ALARM03				
13	ESTP	ALARM04	ALARM04				
14		ALARM05	ALARM05				
15	HIHI	ALARM06	ALARM06				
16	LOLO	ALARM07	ALARM07				
17	HI	ALARM08	ALARM08				
18	LO	ALARM09	ALARM09				
19		ALARM10	ALARM10				
20		ALARM11	ALARM11				
21	DV+	ALARM12	ALARM12				
22	DV-	ALARM13	ALARM13				
23		ALARM14	ALARM14				
24		ALARM15	ALARM15				
25	TRP	ALARM16	ALARM16				
26	SCBL	ALARM17	ALARM17				
27	INT	ALARM18	ALARM18				
28	ERR	ALARM19	ALARM19				
29	DISC	ALARM20	ALARM20				
30	BLCK	ALARM21	ALARM21				
31		ALARM22	ALARM22				
32	CNF	ALARM23	ALARM23				
33							

PROJECT:	BLPH-CW1	FILE NAME:	AlmTbl.edf	SHEET:		YOKOGAWA	PAGE:2-11-1
STATION:		SAVED DATE:	12/15/2024 9:58:05 PM	COMMENT:			
SECTION:	Alarm Processing Table	PRINTED DATE:	9/15/2025	DRAWER:			

Alarm Processing Table Builder

Bit	Color[1]	Priority[1]	Color[2]	Priority[2]	Color[3]
	Priority[3]	Color[4]	Priority[4]	Color[5]	Priority[5]
	Color[6]	Priority[6]	Color[7]	Priority[7]	Color[8]
	Priority[8]	Color[9]	Priority[9]	Color[10]	Priority[10]
	Color[11]	Priority[11]	Color[12]	Priority[12]	Color[13]
	Priority[13]	Color[14]	Priority[14]	Color[15]	Priority[15]
	Color[16]	Priority[16]			
7	B	High-priority Alarm	B	Medium-priority Alarm	B
	Low-priority Alarm	B	Alarm Logging Only	OR	High-priority Alarm
	OR	Medium-priority Alarm	OR	Low-priority Alarm	B
	Alarm Logging Only	B	High-priority Alarm	B	Medium-priority Alarm
	B	Low-priority Alarm	B	Alarm Logging Only	B
	High-priority Alarm	B	Medium-priority Alarm	B	Low-priority Alarm
	B	Alarm Logging Only			
8	C	High-priority Alarm	C	Medium-priority Alarm	C
	Low-priority Alarm	C	Alarm Logging Only	C	High-priority Alarm
	C	Medium-priority Alarm	C	Low-priority Alarm	C
	Alarm Logging Only	C	High-priority Alarm	C	Medium-priority Alarm
	C	Low-priority Alarm	C	Alarm Logging Only	C
	High-priority Alarm	C	Medium-priority Alarm	C	Low-priority Alarm
	C	Alarm Logging Only			
9	G	High-priority Alarm	G	Medium-priority Alarm	G
	Low-priority Alarm	G	Alarm Logging Only	G	High-priority Alarm
	G	Medium-priority Alarm	G	Low-priority Alarm	G
	Alarm Logging Only	G	High-priority Alarm	G	Medium-priority Alarm
	G	Low-priority Alarm	G	Alarm Logging Only	G
	High-priority Alarm	G	Medium-priority Alarm	G	Low-priority Alarm
	G	Alarm Logging Only			
10	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	C	High-priority Alarm
	C	Medium-priority Alarm	C	Low-priority Alarm	R
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			
11	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	C	High-priority Alarm
	C	Medium-priority Alarm	C	Low-priority Alarm	R
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			

Bit	Color[1]	Priority[1]	Color[2]	Priority[2]	Color[3]
	Priority[3]	Color[4]	Priority[4]	Color[5]	Priority[5]
	Color[6]	Priority[6]	Color[7]	Priority[7]	Color[8]
	Priority[8]	Color[9]	Priority[9]	Color[10]	Priority[10]
	Color[11]	Priority[11]	Color[12]	Priority[12]	Color[13]
	Priority[13]	Color[14]	Priority[14]	Color[15]	Priority[15]
	Color[16]	Priority[16]			
12	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	C	High-priority Alarm
	C	Medium-priority Alarm	C	Low-priority Alarm	R
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			
13	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	R	High-priority Alarm
	R	Medium-priority Alarm	R	Low-priority Alarm	R
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			
14	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	R	High-priority Alarm
	R	Medium-priority Alarm	R	Low-priority Alarm	R
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			
15	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	R	High-priority Alarm
	R	Medium-priority Alarm	R	Low-priority Alarm	R
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			
16	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	R	High-priority Alarm
	R	Medium-priority Alarm	R	Low-priority Alarm	R
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			
17	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	R
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			

Bit	Color[1]	Priority[1]	Color[2]	Priority[2]	Color[3]
	Priority[3]	Color[4]	Priority[4]	Color[5]	Priority[5]
	Color[6]	Priority[6]	Color[7]	Priority[7]	Color[8]
	Priority[8]	Color[9]	Priority[9]	Color[10]	Priority[10]
	Color[11]	Priority[11]	Color[12]	Priority[12]	Color[13]
	Priority[13]	Color[14]	Priority[14]	Color[15]	Priority[15]
	Color[16]	Priority[16]			
18	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	R
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			
19	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	R	High-priority Alarm
	R	Medium-priority Alarm	R	Low-priority Alarm	R
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			
20	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	R	High-priority Alarm
	R	Medium-priority Alarm	R	Low-priority Alarm	R
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			
21	Y	High-priority Alarm	Y	Medium-priority Alarm	Y
	Low-priority Alarm	Y	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	Y
	Alarm Logging Only	Y	High-priority Alarm	Y	Medium-priority Alarm
	Y	Low-priority Alarm	Y	Alarm Logging Only	Y
	High-priority Alarm	Y	Medium-priority Alarm	Y	Low-priority Alarm
	Y	Alarm Logging Only			
22	Y	High-priority Alarm	Y	Medium-priority Alarm	Y
	Low-priority Alarm	Y	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	Y
	Alarm Logging Only	Y	High-priority Alarm	Y	Medium-priority Alarm
	Y	Low-priority Alarm	Y	Alarm Logging Only	Y
	High-priority Alarm	Y	Medium-priority Alarm	Y	Low-priority Alarm
	Y	Alarm Logging Only			
23	Y	High-priority Alarm	Y	Medium-priority Alarm	Y
	Low-priority Alarm	Y	Alarm Logging Only	OR	High-priority Alarm
	OR	Medium-priority Alarm	OR	Low-priority Alarm	Y
	Alarm Logging Only	Y	High-priority Alarm	Y	Medium-priority Alarm
	Y	Low-priority Alarm	Y	Alarm Logging Only	Y
	High-priority Alarm	Y	Medium-priority Alarm	Y	Low-priority Alarm
	Y	Alarm Logging Only			

Bit	Color[1]	Priority[1]	Color[2]	Priority[2]	Color[3]
	Priority[3]	Color[4]	Priority[4]	Color[5]	Priority[5]
	Color[6]	Priority[6]	Color[7]	Priority[7]	Color[8]
	Priority[8]	Color[9]	Priority[9]	Color[10]	Priority[10]
	Color[11]	Priority[11]	Color[12]	Priority[12]	Color[13]
	Priority[13]	Color[14]	Priority[14]	Color[15]	Priority[15]
	Color[16]	Priority[16]			
24	Y	High-priority Alarm	Y	Medium-priority Alarm	Y
	Low-priority Alarm	Y	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	Y
	Alarm Logging Only	Y	High-priority Alarm	Y	Medium-priority Alarm
	Y	Low-priority Alarm	Y	Alarm Logging Only	Y
	High-priority Alarm	Y	Medium-priority Alarm	Y	Low-priority Alarm
	Y	Alarm Logging Only			
25	Y	High-priority Alarm	Y	Medium-priority Alarm	Y
	Low-priority Alarm	Y	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	Y
	Alarm Logging Only	Y	High-priority Alarm	Y	Medium-priority Alarm
	Y	Low-priority Alarm	Y	Alarm Logging Only	Y
	High-priority Alarm	Y	Medium-priority Alarm	Y	Low-priority Alarm
	Y	Alarm Logging Only			
26	Y	High-priority Alarm	Y	Medium-priority Alarm	Y
	Low-priority Alarm	Y	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	Y
	Alarm Logging Only	Y	High-priority Alarm	Y	Medium-priority Alarm
	Y	Low-priority Alarm	Y	Alarm Logging Only	Y
	High-priority Alarm	Y	Medium-priority Alarm	Y	Low-priority Alarm
	Y	Alarm Logging Only			
27	Y	High-priority Alarm	Y	Medium-priority Alarm	Y
	Low-priority Alarm	Y	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	Y
	Alarm Logging Only	Y	High-priority Alarm	Y	Medium-priority Alarm
	Y	Low-priority Alarm	Y	Alarm Logging Only	Y
	High-priority Alarm	Y	Medium-priority Alarm	Y	Low-priority Alarm
	Y	Alarm Logging Only			
28	Y	High-priority Alarm	Y	Medium-priority Alarm	Y
	Low-priority Alarm	Y	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	Y
	Alarm Logging Only	Y	High-priority Alarm	Y	Medium-priority Alarm
	Y	Low-priority Alarm	Y	Alarm Logging Only	Y
	High-priority Alarm	Y	Medium-priority Alarm	Y	Low-priority Alarm
	Y	Alarm Logging Only			
29	Y	High-priority Alarm	Y	Medium-priority Alarm	Y
	Low-priority Alarm	Y	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	Y
	Alarm Logging Only	Y	High-priority Alarm	Y	Medium-priority Alarm
	Y	Low-priority Alarm	Y	Alarm Logging Only	Y
	High-priority Alarm	Y	Medium-priority Alarm	Y	Low-priority Alarm
	Y	Alarm Logging Only			

Bit	Color[1]	Priority[1]	Color[2]	Priority[2]	Color[3]
	Priority[3]	Color[4]	Priority[4]	Color[5]	Priority[5]
	Color[6]	Priority[6]	Color[7]	Priority[7]	Color[8]
	Priority[8]	Color[9]	Priority[9]	Color[10]	Priority[10]
	Color[11]	Priority[11]	Color[12]	Priority[12]	Color[13]
	Priority[13]	Color[14]	Priority[14]	Color[15]	Priority[15]
	Color[16]	Priority[16]			
30	Y	High-priority Alarm	Y	Medium-priority Alarm	Y
	Low-priority Alarm	Y	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	Y
	Alarm Logging Only	Y	High-priority Alarm	Y	Medium-priority Alarm
	Y	Low-priority Alarm	Y	Alarm Logging Only	Y
	High-priority Alarm	Y	Medium-priority Alarm	Y	Low-priority Alarm
	Y	Alarm Logging Only			
31	Y	High-priority Alarm	Y	Medium-priority Alarm	Y
	Low-priority Alarm	Y	Alarm Logging Only	Y	High-priority Alarm
	Y	Medium-priority Alarm	Y	Low-priority Alarm	Y
	Alarm Logging Only	Y	High-priority Alarm	Y	Medium-priority Alarm
	Y	Low-priority Alarm	Y	Alarm Logging Only	Y
	High-priority Alarm	Y	Medium-priority Alarm	Y	Low-priority Alarm
	Y	Alarm Logging Only			
32	R	High-priority Alarm	R	Medium-priority Alarm	R
	Low-priority Alarm	R	Alarm Logging Only	R	High-priority Alarm
	R	Medium-priority Alarm	Y	Low-priority Alarm	Y
	Alarm Logging Only	R	High-priority Alarm	R	Medium-priority Alarm
	R	Low-priority Alarm	R	Alarm Logging Only	R
	High-priority Alarm	R	Medium-priority Alarm	R	Low-priority Alarm
	R	Alarm Logging Only			

Alarm Priority Builder

High-priority Alarm

	Function	CRT	PRT	Historical File	Alarm Action	Rewarning	NR
	Occurrence	Yes	Yes	Yes	Lock Type	Yes	On Alarm Dependent Type
	Recovery	Yes	Yes	Yes	Lock Type	No	On Alarm Dependent Type

Medium-priority Alarm

	Function	CRT	PRT	Historical File	Alarm Action
	Occurrence	Yes	Yes	Yes	Lock Type
	Recovery	Yes	Yes	Yes	Lock Type

Low-priority Alarm

	Function	CRT	PRT	Historical File	Alarm Action
	Occurrence	Yes	Yes	Yes	Non-lock Type
	Recovery	No	No	Yes	Non-lock Type

Alarm Logging Only

	Function	CRT	PRT	Historical File	Alarm Action
	Occurrence	No	Yes	Yes	Self ACK Type
	Recovery	No	Yes	Yes	Self ACK Type

Reference Alarm

	Function	CRT	PRT	Historical File	Alarm Action
	Occurrence	No	No	No	Self ACK Type
	Recovery	No	No	No	Self ACK Type

Status Change Command Character String Builder

No.	CUSER1	CUSER2	CUSER3	CUSER4	CUSER5	CUSER6	CUSER7	CUSER8
1	PSTART	PSTART	PSTART	PSTART	PSTART	PSTART	PSTART	PSTART
2	STEP	STEP	STEP	STEP	STEP	STEP	STEP	STEP
3	SCOMP	SCOMP	SCOMP	SCOMP	SCOMP	SCOMP	SCOMP	SCOMP
4	EXECERR	EXECERR	EXECERR	EXECERR	EXECERR	EXECERR	EXECERR	EXECERR
5	RESTART	RESTART	RESTART	RESTART	RESTART	RESTART	RESTART	RESTART
6	END	END	END	END	END	END	END	END
7	SUSPEND	SUSPEND	SUSPEND	SUSPEND	SUSPEND	SUSPEND	SUSPEND	SUSPEND
8	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE
9	RESET	RESET	RESET	RESET	RESET	RESET	RESET	RESET
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21	MSTART	MSTART	MSTART	MSTART	MSTART	MSTART	MSTART	MSTART
22	ABORT	ABORT	ABORT	ABORT	ABORT	ABORT	ABORT	ABORT

Buzzer Assignment Builder

Basic settings

No. of simultaneously generated sounds: 1

Handling of same priority alarms: The later alarm takes priority

Stations that use distinct buzzer sounds

- Alarm source group1: All stations other than those listed below
- Alarm source group2
- Alarm source group3
- Alarm source group4

User groups subjected to distinct buzzer sounds

- Group1
- Group2
- Group3
- Group4
- Group5
- Group6
- Group7
- Group8
- Group9
- Group10

Default

Alarm Type	Priority	Buzzer No.[1]	Type[1]	Buzzer No.[2]	Type[2]	Buzzer No.[3]	Type[3]	Buzzer No.[4]	Type[4]
System Alarm	Critical	26148	Repeat	12148	Repeat	10007	Repeat	14248	Repeat
System Alarm	High	26146	Repeat	12146	Repeat	10007	Repeat	14246	Repeat
System Alarm	Medium	26144	Repeat	12144	Repeat	10007	Repeat	14244	Repeat
System Alarm	Low	26142	Repeat	12142	Repeat	10007	Repeat	14242	Repeat
Process Alarm	Critical	26137	Repeat	12137	Repeat	10005	Repeat	14237	Repeat
Process Alarm	High	26135	Repeat	12135	Repeat	10005	Repeat	14235	Repeat
Process Alarm	Medium	26133	Repeat	12133	Repeat	10006	Repeat	14233	Repeat
Process Alarm	Low	26132	Repeat	12132	Repeat	10006	Repeat	14232	Repeat
Process Alarm Recover	-	26141	Repeat	12141	Repeat	10001	Repeat	14141	Repeat
Operation Guide	-	26422	Repeat	12422	Repeat	10004	Repeat	14422	Repeat
Reconfirmation	-	10002	Repeat						
Mis-Operation	-	10003	Repeat						

CAMS for HIS Alarm Builder

SystemAlarm

394

Overview Position	CENTUM:SystemAlarm
Model	
Unit	
Tag Comment	
Alarm Priority - original	
Alarm Priority - modified	
Tag Mark Color - original	
Tag Mark Color - modified	
Detection	Disable
User	(NONE)
Purpose	(NONE)
Consequence	(NONE)
Time-to-respond	(NONE)
Guidance	(NONE)
Auto Clear	(NONE)
Monitoring Denied User	(NONE)
Monitoring Denied User Group	(NONE)
Acknowledgement Denied User	(NONE)
Acknowledgement Denied User Group	(NONE)
Manual Reset Permitted User	(NONE)
Manual Reset Permitted User Group	(NONE)
Manual Reset Denied User	(NONE)
Manual Reset Denied User Group	(NONE)
Alarm Group	(NONE)
Shelving	(NONE)
Alarm Setpoint - low limit	
Alarm Setpoint - high limit	
Alarm Setpoint - master	(N/A)
Target of Module-based Engineering	No
ProjectID	(NONE)

510

Overview Position	CENTUM:SystemAlarm
Model	
Unit	
Tag Comment	
Alarm Priority - original	
Alarm Priority - modified	
Tag Mark Color - original	
Tag Mark Color - modified	
Detection	Disable
User	(NONE)
Purpose	(NONE)
Consequence	(NONE)
Time-to-respond	(NONE)
Guidance	(NONE)
Auto Clear	(NONE)
Monitoring Denied User	(NONE)
Monitoring Denied User Group	(NONE)
Acknowledgement Denied User	(NONE)
Acknowledgement Denied User Group	(NONE)
Manual Reset Permitted User	(NONE)
Manual Reset Permitted User Group	(NONE)
Manual Reset Denied User	(NONE)
Manual Reset Denied User Group	(NONE)
Alarm Group	(NONE)
Shelving	(NONE)
Alarm Setpoint - low limit	
Alarm Setpoint - high limit	
Alarm Setpoint - master	(N/A)
Target of Module-based Engineering	No
ProjectID	(NONE)

514

Overview Position	CENTUM:SystemAlarm
Model	
Unit	
Tag Comment	
Alarm Priority - original	
Alarm Priority - modified	
Tag Mark Color - original	
Tag Mark Color - modified	
Detection	Disable

SystemAlarm

514

User	(NONE)
Purpose	(NONE)
Consequence	(NONE)
Time-to-respond	(NONE)
Guidance	(NONE)
Auto Clear	(NONE)
Monitoring Denied User	(NONE)
Monitoring Denied User Group	(NONE)
Acknowledgement Denied User	(NONE)
Acknowledgement Denied User Group	(NONE)
Manual Reset Permitted User	(NONE)
Manual Reset Permitted User Group	(NONE)
Manual Reset Denied User	(NONE)
Manual Reset Denied User Group	(NONE)
Alarm Group	(NONE)
Shelving	(NONE)
Alarm Setpoint - low limit	
Alarm Setpoint - high limit	
Alarm Setpoint - master	(N/A)
Target of Module-based Engineering	No
ProjectID	(NONE)

CAMS for HIS Alarm Group Builder

CAMS for HIS Message Monitor Definition Builder

OFFUSER

Window

User Group	DEFGRP
Change Layout	Deny
Change Color	Deny
Menu Bar	Show Always
Tool Bar	Show Always
Shelves Pane	Show Always
Filter Pane	Show Always
A&E Browser Pane	Show Always
Details Pane	Switch Show/Hide
Dynamic Filter Pane	Auto Show
Status Bar	Show Always

Shelving area

User Group	DEFGRP
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Alarm Style	Deny
Change Font	Deny
Change Color	Deny

Filter area

User Group	DEFGRP
Create Filter	Deny
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Message Style	Deny
Change Font on All Filters Tab	Deny
Change Font on Favorites Tab	Deny
Change Height of Button on Favorites Tab	Deny
Change Color on Favorites Tab	Deny
Change Filter Name	Deny
Change Filter Icon	Deny
Change Description	Deny
Use Load Shedding	Deny

A&E browser area

User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Column	Deny
Change Column Width	Deny
Display Position of New Alarm	Top

A&E message list area

User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Unread Message Style	Deny
Change Column	Deny
Change Column Width	Deny
Display Position of New Alarm	Top

ONUSER

Window

User Group	DEFGRP
Change Layout	Deny
Change Color	Deny
Menu Bar	Show Always
Tool Bar	Show Always
Shelves Pane	Show Always
Filter Pane	Show Always
A&E Browser Pane	Show Always
Details Pane	Switch Show/Hide
Dynamic Filter Pane	Auto Show

ONUSER	
Window	
Status Bar	Show Always
Shelving area	
User Group	DEFGRP
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Alarm Style	Deny
Change Font	Deny
Change Color	Deny
Filter area	
User Group	DEFGRP
Create Filter	Deny
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Message Style	Deny
Change Font on All Filters Tab	Deny
Change Font on Favorites Tab	Deny
Change Height of Button on Favorites Tab	Deny
Change Color on Favorites Tab	Deny
Change Filter Name	Deny
Change Filter Icon	Deny
Change Description	Deny
Use Load Shedding	Deny
A&E browser area	
User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Column	Deny
Change Column Width	Deny
Display Position of New Alarm	Top
A&E message list area	
User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Unread Message Style	Deny
Change Column	Deny
Change Column Width	Deny
Display Position of New Alarm	Top
ENGUSER	
Window	
User Group	DEFGRP
Change Layout	Deny
Change Color	Deny
Menu Bar	Show Always
Tool Bar	Show Always
Shelves Pane	Show Always
Filter Pane	Show Always
A&E Browser Pane	Show Always
Details Pane	Switch Show/Hide
Dynamic Filter Pane	Auto Show
Status Bar	Show Always
Shelving area	
User Group	DEFGRP
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Alarm Style	Deny
Change Font	Deny
Change Color	Deny

ENGUSER

Filter area

User Group	DEFGRP
Create Filter	Deny
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Message Style	Deny
Change Font on All Filters Tab	Deny
Change Font on Favorites Tab	Deny
Change Height of Button on Favorites Tab	Deny
Change Color on Favorites Tab	Deny
Change Filter Name	Deny
Change Filter Icon	Deny
Change Description	Deny
Use Load Shedding	Deny

A&E browser area

User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Column	Deny
Change Column Width	Deny
Display Position of New Alarm	Top

A&E message list area

User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Unread Message Style	Deny
Change Column	Deny
Change Column Width	Deny
Display Position of New Alarm	Top

PROG

Window

User Group	DEFGRP
Change Layout	Deny
Change Color	Deny
Menu Bar	Show Always
Tool Bar	Show Always
Shelves Pane	Show Always
Filter Pane	Show Always
A&E Browser Pane	Show Always
Details Pane	Switch Show/Hide
Dynamic Filter Pane	Auto Show
Status Bar	Show Always

Shelving area

User Group	DEFGRP
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Alarm Style	Deny
Change Font	Deny
Change Color	Deny

Filter area

User Group	DEFGRP
Create Filter	Deny
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Message Style	Deny
Change Font on All Filters Tab	Deny
Change Font on Favorites Tab	Deny
Change Height of Button on Favorites Tab	Deny
Change Color on Favorites Tab	Deny
Change Filter Name	Deny
Change Filter Icon	Deny
Change Description	Deny

PROG

Filter area

Use Load Shedding	Deny

A&E browser area

User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Column	Deny
Change Column Width	Deny
Display Position of New Alarm	Top

A&E message list area

User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Unread Message Style	Deny
Change Column	Deny
Change Column Width	Deny
Display Position of New Alarm	Top

OPERATOR

Window

User Group	DEFGRP
Change Layout	Deny
Change Color	Deny
Menu Bar	Show Always
Tool Bar	Show Always
Shelves Pane	Show Always
Filter Pane	Show Always
A&E Browser Pane	Show Always
Details Pane	Switch Show/Hide
Dynamic Filter Pane	Auto Show
Status Bar	Show Always

Shelving area

User Group	DEFGRP
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Alarm Style	Deny
Change Font	Deny
Change Color	Deny

Filter area

User Group	DEFGRP
Create Filter	Deny
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Message Style	Deny
Change Font on All Filters Tab	Deny
Change Font on Favorites Tab	Deny
Change Height of Button on Favorites Tab	Deny
Change Color on Favorites Tab	Deny
Change Filter Name	Deny
Change Filter Icon	Deny
Change Description	Deny
Use Load Shedding	Deny

A&E browser area

User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Column	Deny
Change Column Width	Deny

OPERATOR

A&E browser area

Display Position of New Alarm	Top

A&E message list area

User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Unread Message Style	Deny
Change Column	Deny
Change Column Width	Deny
Display Position of New Alarm	Top

SUPERVISOR

Window

User Group	DEFGRP
Change Layout	Deny
Change Color	Deny
Menu Bar	Show Always
Tool Bar	Show Always
Shelves Pane	Show Always
Filter Pane	Show Always
A&E Browser Pane	Show Always
Details Pane	Switch Show/Hide
Dynamic Filter Pane	Auto Show
Status Bar	Show Always

Shelving area

User Group	DEFGRP
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Alarm Style	Deny
Change Font	Deny
Change Color	Deny

Filter area

User Group	DEFGRP
Create Filter	Deny
Change Blinking	Deny
Change Displayed Number of Alarms	Deny
Change Unread Message Style	Deny
Change Font on All Filters Tab	Deny
Change Font on Favorites Tab	Deny
Change Height of Button on Favorites Tab	Deny
Change Color on Favorites Tab	Deny
Change Filter Name	Deny
Change Filter Icon	Deny
Change Description	Deny
Use Load Shedding	Deny

A&E browser area

User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Column	Deny
Change Column Width	Deny
Display Position of New Alarm	Top

A&E message list area

User Group	DEFGRP
Change Background Pattern	Deny
Change Color	Deny
Change Blinking	Deny
Change Font	Deny
Change Line Spacing	Deny
Change Unread Message Style	Deny
Change Column	Deny

SUPERVISOR
- A&E message list area
  - Change Column Width: Deny
  - Display Position of New Alarm: Top

TESTUSER
- Window
  - User Group: DEFGRP
  - Change Layout: Deny
  - Change Color: Deny
  - Menu Bar: Show Always
  - Tool Bar: Show Always
  - Shelves Pane: Show Always
  - Filter Pane: Show Always
  - A&E Browser Pane: Show Always
  - Details Pane: Switch Show/Hide
  - Dynamic Filter Pane: Auto Show
  - Status Bar: Show Always
- Shelving area
  - User Group: DEFGRP
  - Change Blinking: Deny
  - Change Displayed Number of Alarms: Deny
  - Change Unread Alarm Style: Deny
  - Change Font: Deny
  - Change Color: Deny
- Filter area
  - User Group: DEFGRP
  - Create Filter: Deny
  - Change Blinking: Deny
  - Change Displayed Number of Alarms: Deny
  - Change Unread Message Style: Deny
  - Change Font on All Filters Tab: Deny
  - Change Font on Favorites Tab: Deny
  - Change Height of Button on Favorites Tab: Deny
  - Change Color on Favorites Tab: Deny
  - Change Filter Name: Deny
  - Change Filter Icon: Deny
  - Change Description: Deny
  - Use Load Shedding: Deny
- A&E browser area
  - User Group: DEFGRP
  - Change Background Pattern: Deny
  - Change Color: Deny
  - Change Blinking: Deny
  - Change Font: Deny
  - Change Line Spacing: Deny
  - Change Column: Deny
  - Change Column Width: Deny
  - Display Position of New Alarm: Top
- A&E message list area
  - User Group: DEFGRP
  - Change Background Pattern: Deny
  - Change Color: Deny
  - Change Blinking: Deny
  - Change Font: Deny
  - Change Line Spacing: Deny
  - Change Unread Message Style: Deny
  - Change Column: Deny
  - Change Column Width: Deny
  - Display Position of New Alarm: Top

CAMS for HIS Shelf Builder

State Transition Matrix List

No.	Matrix Name	Comment
01	Matrix1	

PROJECT:	BLPH-CW1	FILE NAME:	Matrix1.edf	SHEET:		YOKOGAWA	PAGE:2-17-1
STATION:		SAVED DATE:	6/14/2024 4:52:09 AM	COMMENT:			
SECTION:	Matrix1	PRINTED DATE:	9/15/2025	DRAWER:			

State Transition Matrix Builder (Status Character String Table Name:USER2, Status Change Command Character String Table Name:CUSER1)

Block Mode

			1:AUT		2:SEMI		3:MAN	
1-1	ABORTED	AUT	ABORTED	A CONTN	ABORTED	S CONT	ABORTED	M CONT
1-2		SEMI	ABORTED	A CONT	ABORTED	S CONTN	ABORTED	M CONT
1-3		MAN	ABORTED	A CONT	ABORTED	S CONT	ABORTED	M CONTN
2-1	RUNNING	AUT	RUNNING	A CONTN	RUNNING	S CONT		
2-2		SEMI	RUNNING	A CONT	RUNNING	S CONTN		
2-3		MAN						
3-1	SUSPEND	AUT	SUSPEND	A CONTN	SUSPEND	S CONT		
3-2		SEMI	SUSPEND	A CONT	SUSPEND	S CONTN		
3-3		MAN						
4-1	PAUSED	AUT	PAUSED	A CONTN	PAUSED	S CONT		
4-2		SEMI	PAUSED	A CONT	PAUSED	S CONTN		
4-3		MAN						
5-1		AUT						
5-2		SEMI						
5-3		MAN						
6-1		AUT						
6-2		SEMI						
6-3		MAN						
7-1		AUT						
7-2		SEMI						
7-3		MAN						
8-1		AUT						
8-2		SEMI						
8-3		MAN						
9-1		AUT						
9-2		SEMI						
9-3		MAN						
10-1		AUT						
10-2		SEMI						
10-3		MAN						
11-1		AUT						
11-2		SEMI						
11-3		MAN						
12-1		AUT						
12-2		SEMI						
12-3		MAN						
13-1		AUT						
13-2		SEMI						
13-3		MAN						
14-1		AUT						
14-2		SEMI						
14-3		MAN						
15-1	END	AUT	END	A CONTN	END	S CONT	END	M CONT
15-2		SEMI	END	A CONT	END	S CONTN	END	M CONT
15-3		MAN	END	A CONT	END	S CONT	END	M CONTN

PROJECT:	BLPH-CW1	FILE NAME:	Matrix1.edf	SHEET:		YOKOGAWA	PAGE:2-17-2
STATION:		SAVED DATE:	6/14/2024 4:52:09 AM	COMMENT:			
SECTION:	Matrix1	PRINTED DATE:	9/15/2025	DRAWER:			

1:AUT 2:SEMI 3:MAN

Block Status

	1:PSTART	2:STEP	3:SCOMP	4:EXECERR	5:RESTART	6:END	7:SUSPEND
	8:PAUSE	9:RESET	10:	11:	12:	13:	14:	15:
1-1	ABORTED AUT	END A END					
1-2	SEMI	END S END					
1-3	MAN	END M END					
2-1	RUNNING AUT			SUSPEND A SUSPA		END A END	SUSPEND A SUSPA
	PAUSED A PAUSA						
2-2	SEMI		SUSPEND S SUSP+	SUSPEND S SUSPA		END S END	SUSPEND S SUSPA
	PAUSED S PAUSA						
2-3	MAN						
3-1	SUSPEND AUT	SUSPEND A STEP		SUSPEND A SUSPA	RUNNING A RSMA	END A END	
3-2	SEMI	SUSPEND S STEP		SUSPEND S SUSPA	RUNNING S RSMA	END S END	
3-3	MAN						
4-1	PAUSED AUT			SUSPEND A SUSPA	RUNNING A RSMA	END A END	SUSPEND A SUSPA
4-2	SEMI			SUSPEND S SUSPA	RUNNING S RSMA	END S END	SUSPEND S SUSPA
4-3	MAN						
5-1	AUT						
5-2	SEMI						
5-3	MAN						
6-1	AUT						
6-2	SEMI						
6-3	MAN						
7-1	AUT						
7-2	SEMI						
7-3	MAN						
8-1	AUT						

1:PSTART 2:STEP 3:SCOMP 4:EXECERR 5:RESTART 6:END 7:SUSPEND
8:PAUSE 9:RESET 10: 11: 12: 13: 14: 15:

8-2 SEMI

8-3 MAN

9-1 AUT

9-2 SEMI

9-3 MAN

10-1 AUT

10-2 SEMI

10-3 MAN

11-1 AUT

11-2 SEMI

11-3 MAN

12-1 AUT

12-2 SEMI

12-3 MAN

13-1 AUT

13-2 SEMI

13-3 MAN

14-1 AUT

14-2 SEMI

14-3 MAN

15-1 END AUT RUNNING A STRA

15-2 SEMI RUNNING S STRA

15-3 MAN

UACS Alarm Builder

SystemAlarm

394

Overview Position	CENTUM:SystemAlarm
Model	
Unit	
Tag Comment	
Alarm Priority - original	
Alarm Priority - modified	
Tag Mark Color - original	
Tag Mark Color - modified	
Detection	Disable
User	(NONE)
Purpose	(NONE)
Consequence	(NONE)
Alarm Urgency	(NONE)
Guidance	(NONE)
Monitoring Prohibited User	(NONE)
Monitoring Prohibited User Group	(NONE)
Acknowledgement Prohibited User	(NONE)
Acknowledgement Prohibited User Group	(NONE)
Delete Authorized User	(NONE)
Delete Authorized User Group	(NONE)
Delete Prohibited User	(NONE)
Delete Prohibited User Group	(NONE)
Alarm Group	(NONE)
Shelving	(NONE)
Alarm Setpoint - low limit	
Alarm Setpoint - high limit	
Alarm Setpoint - master	(N/A)
Target of Module-based Engineering	No
ProjectID	(NONE)

506

Overview Position	CENTUM:SystemAlarm
Model	
Unit	
Tag Comment	
Alarm Priority - original	
Alarm Priority - modified	
Tag Mark Color - original	
Tag Mark Color - modified	
Detection	Disable
User	(NONE)
Purpose	(NONE)
Consequence	(NONE)
Alarm Urgency	(NONE)
Guidance	(NONE)
Monitoring Prohibited User	(NONE)
Monitoring Prohibited User Group	(NONE)
Acknowledgement Prohibited User	(NONE)
Acknowledgement Prohibited User Group	(NONE)
Delete Authorized User	(NONE)
Delete Authorized User Group	(NONE)
Delete Prohibited User	(NONE)
Delete Prohibited User Group	(NONE)
Alarm Group	(NONE)
Shelving	(NONE)
Alarm Setpoint - low limit	
Alarm Setpoint - high limit	
Alarm Setpoint - master	(N/A)
Target of Module-based Engineering	No
ProjectID	(NONE)

510

Overview Position	CENTUM:SystemAlarm
Model	
Unit	
Tag Comment	
Alarm Priority - original	
Alarm Priority - modified	
Tag Mark Color - original	
Tag Mark Color - modified	
Detection	Disable
User	(NONE)
Purpose	(NONE)

SystemAlarm

510

Consequence	(NONE)
Alarm Urgency	(NONE)
Guidance	(NONE)
Monitoring Prohibited User	(NONE)
Monitoring Prohibited User Group	(NONE)
Acknowledgement Prohibited User	(NONE)
Acknowledgement Prohibited User Group	(NONE)
Delete Authorized User	(NONE)
Delete Authorized User Group	(NONE)
Delete Prohibited User	(NONE)
Delete Prohibited User Group	(NONE)
Alarm Group	(NONE)
Shelving	(NONE)
Alarm Setpoint - low limit	
Alarm Setpoint - high limit	
Alarm Setpoint - master	(N/A)
Target of Module-based Engineering	No
ProjectID	(NONE)

514

Overview Position	CENTUM:SystemAlarm
Model	
Unit	
Tag Comment	
Alarm Priority - original	
Alarm Priority - modified	
Tag Mark Color - original	
Tag Mark Color - modified	
Detection	Disable
User	(NONE)
Purpose	(NONE)
Consequence	(NONE)
Alarm Urgency	(NONE)
Guidance	(NONE)
Monitoring Prohibited User	(NONE)
Monitoring Prohibited User Group	(NONE)
Acknowledgement Prohibited User	(NONE)
Acknowledgement Prohibited User Group	(NONE)
Delete Authorized User	(NONE)
Delete Authorized User Group	(NONE)
Delete Prohibited User	(NONE)
Delete Prohibited User Group	(NONE)
Alarm Group	(NONE)
Shelving	(NONE)
Alarm Setpoint - low limit	
Alarm Setpoint - high limit	
Alarm Setpoint - master	(N/A)
Target of Module-based Engineering	No
ProjectID	(NONE)

2041

Overview Position	CENTUM:SystemAlarm
Model	
Unit	
Tag Comment	
Alarm Priority - original	
Alarm Priority - modified	
Tag Mark Color - original	
Tag Mark Color - modified	
Detection	Disable
User	(NONE)
Purpose	(NONE)
Consequence	(NONE)
Alarm Urgency	(NONE)
Guidance	(NONE)
Monitoring Prohibited User	(NONE)
Monitoring Prohibited User Group	(NONE)
Acknowledgement Prohibited User	(NONE)
Acknowledgement Prohibited User Group	(NONE)
Delete Authorized User	(NONE)
Delete Authorized User Group	(NONE)
Delete Prohibited User	(NONE)
Delete Prohibited User Group	(NONE)
Alarm Group	(NONE)
Shelving	(NONE)

SystemAlarm

2041

Alarm Setpoint - low limit	
Alarm Setpoint - high limit	
Alarm Setpoint - master	(N/A)
Target of Module-based Engineering	No
ProjectID	(NONE)

2043

Overview Position	CENTUM:SystemAlarm
Model	
Unit	
Tag Comment	
Alarm Priority - original	
Alarm Priority - modified	
Tag Mark Color - original	
Tag Mark Color - modified	
Detection	Disable
User	(NONE)
Purpose	(NONE)
Consequence	(NONE)
Alarm Urgency	(NONE)
Guidance	(NONE)
Monitoring Prohibited User	(NONE)
Monitoring Prohibited User Group	(NONE)
Acknowledgement Prohibited User	(NONE)
Acknowledgement Prohibited User Group	(NONE)
Delete Authorized User	(NONE)
Delete Authorized User Group	(NONE)
Delete Prohibited User	(NONE)
Delete Prohibited User Group	(NONE)
Alarm Group	(NONE)
Shelving	(NONE)
Alarm Setpoint - low limit	
Alarm Setpoint - high limit	
Alarm Setpoint - master	(N/A)
Target of Module-based Engineering	No
ProjectID	(NONE)

2045

Overview Position	CENTUM:SystemAlarm
Model	
Unit	
Tag Comment	
Alarm Priority - original	
Alarm Priority - modified	
Tag Mark Color - original	
Tag Mark Color - modified	
Detection	Disable
User	(NONE)
Purpose	(NONE)
Consequence	(NONE)
Alarm Urgency	(NONE)
Guidance	(NONE)
Monitoring Prohibited User	(NONE)
Monitoring Prohibited User Group	(NONE)
Acknowledgement Prohibited User	(NONE)
Acknowledgement Prohibited User Group	(NONE)
Delete Authorized User	(NONE)
Delete Authorized User Group	(NONE)
Delete Prohibited User	(NONE)
Delete Prohibited User Group	(NONE)
Alarm Group	(NONE)
Shelving	(NONE)
Alarm Setpoint - low limit	
Alarm Setpoint - high limit	
Alarm Setpoint - master	(N/A)
Target of Module-based Engineering	No
ProjectID	(NONE)

UACS Alarm Group Builder

UACS Assignment Builder

UACS Filter Builder

SIS

Description	SIS
Icon	DefaultSISFilter.ico
Filter Condition	FcsCode = 10
Authorized User	OFFUSER ONUSER ENGUSER PROG TESTUSER
Authorized User Group	DEFGRP NONEGRP

SIS System

Description	SIS System
Icon	DefaultSISFilter.ico
Filter Condition	FcsCode = 10 and AlarmType = "System"
Authorized User	OFFUSER ONUSER ENGUSER PROG TESTUSER
Authorized User Group	DEFGRP NONEGRP

SIS Process

Description	SIS Process
Icon	DefaultSISFilter.ico
Filter Condition	FcsCode = 10 and AlarmType = "Process"
Authorized User	OFFUSER ONUSER ENGUSER PROG TESTUSER
Authorized User Group	DEFGRP NONEGRP

System

Description	System
Icon	System.ico
Filter Condition	AlarmType = "System"
Authorized User	OFFUSER ONUSER ENGUSER PROG TESTUSER
Authorized User Group	DEFGRP NONEGRP

Process

Description	Process
Icon	Process.ico
Filter Condition	AlarmType = "Process"
Authorized User	OFFUSER ONUSER ENGUSER PROG TESTUSER
Authorized User Group	DEFGRP NONEGRP

PROJECT:	BLPH-CW1	FILE NAME:	UACSShelf.edf	SHEET:		YOKOGAWA	PAGE:2-1 8-5-1-1
STATION:		SAVED DATE:	6/14/2024 4:52:09 AM	COMMENT:			
SECTION:	UACS Shelf	PRINTED DATE:	9/15/2025	DRAWER:			

UACS Shelf Builder

UACS Suppression Group Builder

UACS View Layout Builder

User Group

DEFGRP

Print	Allow
CSV Export	Allow
Timestamp Minimum Unit	Second
Detail Pane Display Attribute	Timestamp;Message
UACS Alarm View Column Display Attribute	Timestamp;Message
UACS Suppression View Column Display Attribute	Timestamp;Message;Group under Suppression
UAC Shelving View Column Display Attribute	Timestamp;Message;Shelf Name;Shelving Type;Shelving Time;Remaining Time
UACS Historical Window Column Display Attribute	Timestamp;Message

NONEGRP

Print	Allow
CSV Export	Allow
Timestamp Minimum Unit	Second
Detail Pane Display Attribute	Timestamp;Message
UACS Alarm View Column Display Attribute	Timestamp;Message
UACS Suppression View Column Display Attribute	Timestamp;Message;Group under Suppression
UAC Shelving View Column Display Attribute	Timestamp;Message;Shelf Name;Shelving Type;Shelving Time;Remaining Time
UACS Historical Window Column Display Attribute	Timestamp;Message

User

OFFUSER

User Group Name	DEFGRP
Print	(User Group)
CSV Export	(User Group)
Timestamp Minimum Unit	(User Group)
Detail Pane Display Attribute	(User Group)
UACS Alarm View Column Display Attribute	(User Group)
UACS Suppression View Column Display Attribute	(User Group)
UAC Shelving View Column Display Attribute	(User Group)
UACS Historical Window Column Display Attribute	(User Group)

ONUSER

User Group Name	DEFGRP
Print	(User Group)
CSV Export	(User Group)
Timestamp Minimum Unit	(User Group)
Detail Pane Display Attribute	(User Group)
UACS Alarm View Column Display Attribute	(User Group)
UACS Suppression View Column Display Attribute	(User Group)
UAC Shelving View Column Display Attribute	(User Group)
UACS Historical Window Column Display Attribute	(User Group)

ENGUSER

User Group Name	DEFGRP
Print	(User Group)
CSV Export	(User Group)
Timestamp Minimum Unit	(User Group)
Detail Pane Display Attribute	(User Group)
UACS Alarm View Column Display Attribute	(User Group)
UACS Suppression View Column Display Attribute	(User Group)
UAC Shelving View Column Display Attribute	(User Group)
UACS Historical Window Column Display Attribute	(User Group)

PROG

User Group Name	DEFGRP
Print	(User Group)
CSV Export	(User Group)
Timestamp Minimum Unit	(User Group)

User

PROG

Detail Pane Display Attribute	(User Group)
UACS Alarm View Column Display Attribute	(User Group)
UACS Suppression View Column Display Attribute	(User Group)
UAC Shelving View Column Display Attribute	(User Group)
UACS Historical Window Column Display Attribute	(User Group)

TESTUSER

User Group Name	DEFGRP
Print	(User Group)
CSV Export	(User Group)
Timestamp Minimum Unit	(User Group)
Detail Pane Display Attribute	(User Group)
UACS Alarm View Column Display Attribute	(User Group)
UACS Suppression View Column Display Attribute	(User Group)
UAC Shelving View Column Display Attribute	(User Group)
UACS Historical Window Column Display Attribute	(User Group)

Domain Properties

Domain

Domain Number 1

Time Group 1

SNTP Server IP Address
Connect Bus 1
Connect Bus 2

Comment

Reception from Domains

Domain	HIS Message	FCS Message	FCS TCP
1	YES	YES	YES
2	YES	YES	YES
3	YES	YES	YES
4	YES	YES	YES
5	YES	YES	YES
6	YES	YES	YES
7	YES	YES	YES
8	YES	YES	YES
9	YES	YES	YES
10	YES	YES	YES
11	YES	YES	YES
12	YES	YES	YES
13	YES	YES	YES
14	YES	YES	YES
15	YES	YES	YES
16	YES	YES	YES
17	YES	YES	YES
18	YES	YES	YES
19	YES	YES	YES
20	YES	YES	YES
21	YES	YES	YES
22	YES	YES	YES
23	YES	YES	YES
24	YES	YES	YES
25	YES	YES	YES
26	YES	YES	YES
27	YES	YES	YES
28	YES	YES	YES
29	YES	YES	YES
30	YES	YES	YES
31	YES	YES	YES
32	YES	YES	YES
33	YES	YES	YES
34	YES	YES	YES
35	YES	YES	YES
36	YES	YES	YES
37	YES	YES	YES
38	YES	YES	YES
39	YES	YES	YES
40	YES	YES	YES
41	YES	YES	YES
42	YES	YES	YES
43	YES	YES	YES
44	YES	YES	YES
45	YES	YES	YES
46	YES	YES	YES
47	YES	YES	YES
48	YES	YES	YES
49	YES	YES	YES
50	YES	YES	YES
51	YES	YES	YES
52	YES	YES	YES
53	YES	YES	YES
54	YES	YES	YES
55	YES	YES	YES
56	YES	YES	YES
57	YES	YES	YES
58	YES	YES	YES
59	YES	YES	YES

60	YES	YES	YES
61	YES	YES	YES
62	YES	YES	YES
63	YES	YES	YES
64	YES	YES	YES

User-defined Faceplate Block Creator

No.	Data Item	Data Type	Array1	Array2	Comment	Engineering Unit	Security Level	Display Format	Input Method	Check	Minimum	Maximum

FCS Property:FCS0101

Type

Station Type	AFV30D Duplexed Field Control Unit(for Vnet/IP and FIO, 19" Rack Mountable Type)
Database Type	General-Purpose
Domain number	01
Station number	01
Component number	
Station comment	
Alias of Station	
Station Status Display	
Upper Equipment Name	
Number of Control Drawings	200
Module-based Engineering	NO
Define the SEQ libraries in AD Suite.	NO

Constant

Medium-speed Scan	YES
Medium-speed Scan Period[msec]	500
Fast Scan	YES
Fast-Scan Period[msec]	200
MC Block	
Pulse Width[sec]	2
Serial Startup Interval[sec]	0
MLD-SW AUT/CAS	AUT
SEBOL Statement	
"drive" Statement Action Type	1
Start Number for user-defined block-type	10000
Number of User-Defined Block-with-Data	380
IOM Online Updating	
Make block input-side IOP	NO
PID Pulse Width Output	
CENTUM V Compatible MV Display	NO
PI-HLD Action after Hold	
CENTUM-XL Compatible	NO
Sequence Table Algorithm	
CENTUM-XL Compatible Sequence Tables	NO
THEN/ELSE Has Higher Precedence	NO
dPV/dCPV Output from SUB Becomes Zero Right After IOP	NO
Accept Batch-End during EMST	YES
Options	DIOENH

Constant 2

SS-DUAL PV Update during Deviation Alarm	NO
Alarm Notify Action when all AOF released	NO
Specify Reference Station for Tag-List	NO
Station Name	
Annunciator Message with Data	
No.	1
Annunciator Message Head Number	0
Annunciator Message Tail Number	0
Printing Message Head Number	0
Increase Number of System Common Switches	NO
Preset MV valid immediately	Preset MV valid at next scan

Constant 3

MV of Switch Instrument/MC Instrument follows its CSV change	NO
TM/CTS/CTP blocks hold PALM after CTUP	NO
Raised %AN sends out alarm when AOF released	YES

Suppress OOP alarms during online maintenance of ALP121 and dual -redundant ALP111	NO
Suppress system alarm when CALCU calculation error occurs	YES
Use HKU of System Cabinet	NO
Initiate process alarm when CAL is set or released	NO
Allow to change function block to PRD mode while CAL is on(XL compatible)	NO
LC64-E starts with its internal status intact when FCS performs an initial start(except offline download)	YES
Enable output limiter in PRD mode (XL compatible)	NO
Pass calculation block's input QST status to CPV	NO
CENTUM-XL compatible IOP reactions	
Main inputs	NO
Set PV of %Z/%Y to zero upon failure of a DI module	NO
SEBOL Group Assignment Statement – adhere to the order specified in the variable list during data setting	YES
Command	

State Transition

Maximum Specification Number	16
State Transition Matrix	Matrix1

Line1

Make IO Bus Dual-Redundant	YES
Interface Card Type	SB301

Network

Vnet/IP	YES
Control Bus TCP/IP Settings	
Host name	FCS0101
IP address	172.16.1.1
Subnet mask	255.255.0.0

FCS Constants Builder

Definitions

Start condition	MAN(Initialize Cold Start)
Momentary Power Failure Tolerant Time[sec]	2.0
Node Momentary Power Failure Tolerant Time[sec]	2
Digital Filter Coefficient 1	0.50
Digital Filter Coefficient 2	0.75
Digital Filter Coefficient 3	0.875

Scan Transmission

Buffer Size	1024
Station	Internal Station Scan Transmission
Station 1	
Station 2	0
Station 3	0
Station 4	0
Station 5	0
Station 6	0
Station 7	0
Station 8	0
Station 9	0
Station 10	1024
Station 11	0
Station 12	0
Station 13	0
Station 14	0
Station 15	0
Station 16	0
Station 17	0
Station 18	0
Station 19	0
Station 20	1024
Station 21	0
Station 22	0
Station 23	0
Station 24	0
Station 25	0
Station 26	0
Station 27	0
Station 28	0
Station 29	0
Station 30	0
Station 31	0
Station 32	0
Station 33	0
Station 34	0
Station 35	0
Station 36	0
Station 37	0
Station 38	0
Station 39	0
Station 40	0
Station 41	0
Station 42	0
Station 43	0
Station 44	0
Station 45	0
Station 46	0
Station 47	0
Station 48	0
Station 49	0
Station 50	0
Station 51	0
Station 52	0
Station 53	0
Station 54	0
Station 55	0
Station 56	0
Station 57	0
Station 58	0
Station 59	0
Station 60	0
Station 61	0
Station 62	0
Station 63	0
Station 64	0

Equipment Builder

Drawing Name	Equipment name	Upper Equipment Name	Comment
DR0001	%DR0001S010101		
DR0002	%DR0002S010101		
DR0003	%DR0003S010101		
DR0004	%DR0004S010101		
DR0005	%DR0005S010101		ANNUNCIATION
DR0006	%DR0006S010101		INITIALIZATION TABLE
DR0007	%DR0007S010101		PULSE DO
DR0008	%DR0008S010101		Damper Alarms
DR0009	%DR0009S010101		UPS B ALARMS
DR0010	%DR0010S010101		
DR0011	%DR0011S010101		
DR0012	%DR0012S010101		
DR0013	%DR0013S010101		
DR0014	%DR0014S010101		
DR0015	%DR0015S010101		
DR0016	%DR0016S010101		
DR0017	%DR0017S010101		
DR0018	%DR0018S010101		
DR0019	%DR0019S010101		
DR0020	%DR0020S010101		
DR0021	%DR0021S010101		PVI INDICATOR
DR0022	%DR0022S010101		PVI INDICATOR
DR0023	%DR0023S010101		PVI INDICATOR
DR0024	%DR0024S010101		ANALOG OUTPUT
DR0025	%DR0025S010101		
DR0026	%DR0026S010101		
DR0027	%DR0027S010101		
DR0028	%DR0028S010101		
DR0029	%DR0029S010101		
DR0030	%DR0030S010101		
DR0031	%DR0031S010101		TYP003- ON/OFF VALVES
DR0032	%DR0032S010101		TYP003- ON/OFF VALVES
DR0033	%DR0033S010101		
DR0034	%DR0034S010101		
DR0035	%DR0035S010101		25PT-055A AVERAGE CALCU, DEV ALM
DR0036	%DR0036S010101		25PIC-055A/B VALVE
DR0037	%DR0037S010101		64PIC-031A/B VALVE
DR0038	%DR0038S010101		HYDROGEN VESSEL-A CONTROL
DR0039	%DR0039S010101		HYDROGEN VESSEL-B CONTROL
DR0040	%DR0040S010101		HYDROGEN VESSEL-C CONTROL
DR0041	%DR0041S010101		HYDROGEN VESSEL-D CONTROL
DR0042	%DR0042S010101		HYDROGEN VESSEL-E CONTROL
DR0043	%DR0043S010101		HYDROGEN VESSEL-F CONTROL
DR0044	%DR0044S010101		FLOW TOTALIZER
DR0045	%DR0045S010101		
DR0046	%DR0046S010101		P-50001A DUTY/STANDBY PUMP
DR0047	%DR0047S010101		
DR0048	%DR0048S010101		
DR0049	%DR0049S010101		
DR0050	%DR0050S010101		
DR0051	%DR0051S010101		
DR0052	%DR0052S010101		
DR0053	%DR0053S010101		
DR0054	%DR0054S010101		
DR0055	%DR0055S010101		
DR0056	%DR0056S010101		
DR0057	%DR0057S010101		
DR0058	%DR0058S010101		
DR0059	%DR0059S010101		
DR0060	%DR0060S010101		
DR0061	%DR0061S010101		
DR0062	%DR0062S010101		
DR0063	%DR0063S010101		
DR0064	%DR0064S010101		
DR0065	%DR0065S010101		
DR0066	%DR0066S010101		
DR0067	%DR0067S010101		
DR0068	%DR0068S010101		
DR0069	%DR0069S010101		
DR0070	%DR0070S010101		
DR0071	%DR0071S010101		
DR0072	%DR0072S010101		
DR0073	%DR0073S010101		
DR0074	%DR0074S010101		
DR0075	%DR0075S010101		
DR0076	%DR0076S010101		
DR0077	%DR0077S010101		
DR0078	%DR0078S010101		
DR0079	%DR0079S010101		
DR0080	%DR0080S010101		SEQUENCE LOGIC
DR0081	%DR0081S010101		SEQUENCE LOGIC

Drawing Name	Equipment name	Upper Equipment Name	Comment
DR0082	%DR0082S010101		
DR0083	%DR0083S010101		
DR0084	%DR0084S010101		
DR0085	%DR0085S010101		
DR0086	%DR0086S010101		
DR0087	%DR0087S010101		
DR0088	%DR0088S010101		
DR0089	%DR0089S010101		
DR0090	%DR0090S010101		
DR0091	%DR0091S010101		
DR0092	%DR0092S010101		
DR0093	%DR0093S010101		
DR0094	%DR0094S010101		
DR0095	%DR0095S010101		
DR0096	%DR0096S010101		
DR0097	%DR0097S010101		
DR0098	%DR0098S010101		
DR0099	%DR0099S010101		
DR0100	%DR0100S010101		
DR0101	%DR0101S010101		IA SUBSYSTEM
DR0102	%DR0102S010101		N2 SUBSYSTEM
DR0103	%DR0103S010101		200 F3 PAS UPS-A
DR0104	%DR0104S010101		200F3 PAS UPS-A
DR0105	%DR0105S010101		200F4 FGS UPA-A
DR0106	%DR0106S010101		VALVES - NITROGEN
DR0107	%DR0107S010101		EMCS SUBSYSTEM
DR0108	%DR0108S010101		EMCS MODBUS REDUNDANCY
DR0109	%DR0109S010101		IA VALVES
DR0110	%DR0110S010101		LV SUBSYTEM CB
DR0111	%DR0111S010101		LV SUBSYTEM CB
DR0112	%DR0112S010101		LOAD SHED SELECTION PB
DR0113	%DR0113S010101		HVAC B100, B200
DR0114	%DR0114S010101		HVAC-51,52,53,54
DR0115	%DR0115S010101		LV SUBSYSTEM AI
DR0116	%DR0116S010101		LV SUBSYSTEM AI
DR0117	%DR0117S010101		LV SUBSYSTEM AI
DR0118	%DR0118S010101		LV SUBSYSTEM AI
DR0119	%DR0119S010101		LV SUB SYSTEM PVI
DR0120	%DR0120S010101		LV SUBSYSTEM AI
DR0121	%DR0121S010101		LV SUBSYSTEM AI
DR0122	%DR0122S010101		LV SUBSYSTEM AI
DR0123	%DR0123S010101		LV SUBSYSTEM AI
DR0124	%DR0124S010101		
DR0125	%DR0125S010101		WTP SUBSYSTEM
DR0126	%DR0126S010101		WTP SUBSYSTEM
DR0127	%DR0127S010101		WTP SUBSYSTEM
DR0128	%DR0128S010101		WTP SUBSYSTEM
DR0129	%DR0129S010101		
DR0130	%DR0130S010101		LVSWGR CB
DR0131	%DR0131S010101		LV SWGR CB
DR0132	%DR0132S010101		
DR0133	%DR0133S010101		
DR0134	%DR0134S010101		200F4 FGS UPS-A
DR0135	%DR0135S010101		2500F3 PAS UPS-B
DR0136	%DR0136S010101		200F3/4 PAS FGS UPS B
DR0137	%DR0137S010101		200F4 FGS UPS-B
DR0138	%DR0138S010101		200F1DC UPS-A
DR0139	%DR0139S010101		200F1 DC UPS-B
DR0140	%DR0140S010101		200F4 FGS UPA-A
DR0141	%DR0141S010101		
DR0142	%DR0142S010101		
DR0143	%DR0143S010101		LV SUBSYSTEM AI
DR0144	%DR0144S010101		
DR0145	%DR0145S010101		EMCS BESS MODBUS
DR0146	%DR0146S010101		
DR0147	%DR0147S010101		
DR0148	%DR0148S010101		
DR0149	%DR0149S010101		
DR0150	%DR0150S010101		LV SUBSYSTEM AI SPARE
DR0151	%DR0151S010101		LV SUBSYSTEM AI SPARE
DR0152	%DR0152S010101		LV SUBSYSTEM AI SPARE
DR0153	%DR0153S010101		LV SUBSYSTEM AI SPARE
DR0154	%DR0154S010101		LV SUBSYSTEM AI SPARE
DR0155	%DR0155S010101		LV SUBSYSTEM AI SPARE
DR0156	%DR0156S010101		LV SUBSYSTEM AI SPARE
DR0157	%DR0157S010101		LV SUBSYSTEM AI SPARE
DR0158	%DR0158S010101		
DR0159	%DR0159S010101		
DR0160	%DR0160S010101		
DR0161	%DR0161S010101		LVSWGR CB SPARE
DR0162	%DR0162S010101		
DR0163	%DR0163S010101		
DR0164	%DR0164S010101		

Drawing Name	Equipment name	Upper Equipment Name	Comment
DR0165	%DR0165S010101		
DR0166	%DR0166S010101		EMCS SUBSYSTEM
DR0167	%DR0167S010101		
DR0168	%DR0168S010101		
DR0169	%DR0169S010101		
DR0170	%DR0170S010101		
DR0171	%DR0171S010101		
DR0172	%DR0172S010101		
DR0173	%DR0173S010101		
DR0174	%DR0174S010101		
DR0175	%DR0175S010101		
DR0176	%DR0176S010101		
DR0177	%DR0177S010101		
DR0178	%DR0178S010101		
DR0179	%DR0179S010101		
DR0180	%DR0180S010101		
DR0181	%DR0181S010101		
DR0182	%DR0182S010101		
DR0183	%DR0183S010101		
DR0184	%DR0184S010101		
DR0185	%DR0185S010101		
DR0186	%DR0186S010101		
DR0187	%DR0187S010101		
DR0188	%DR0188S010101		
DR0189	%DR0189S010101		
DR0190	%DR0190S010101		
DR0191	%DR0191S010101		
DR0192	%DR0192S010101		
DR0193	%DR0193S010101		
DR0194	%DR0194S010101		
DR0195	%DR0195S010101		
DR0196	%DR0196S010101		
DR0197	%DR0197S010101		
DR0198	%DR0198S010101		
DR0199	%DR0199S010101		
DR0200	%DR0200S010101		FCS IDLE TIME

SFC Sequence List

No.	SFC Sequence	Comment	File
01	BLPH	BLPH SEQUENCE	BLPH
02	CLDSBMON	COLD STANDBY SEQ MONITOR	CLDSBMON
03	CONCMNTR	Concurrent Monitoring	CONCMNTR
04	EMERGMON	EMERGENCY MODE MONITORIN	EMERGMON
05	EXPRTMON	EXPORT MODE MONITORING	EXPRTMON
06	HOTSBMON	HOT STANDBY MONITORING	HOTSBMON
07	IMPRTMON	IMPORT SEQ MONITORING	IMPRTMON
08	MNTNCMON	MAINTENANCE MONITORING	MNTNCMON
09	MONITOR	IDLE SEQUENCE MONITORING	MONITOR
10	NONEMON	NONE MODE MONITORING	NONEMON
11	PWROTMON	POWER OUT SEQ MONITORING	PWROTMON
12	RSRGMON	RESEARCH MODE MONITORING	RSRGMON
13	SEQCN	SEQUENCE CONCURENCY	SEQCN

PROJECT:	BLPH-CW1	FILE NAME:	BLPH.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-1-1
STATION:	FCS0101	SAVED DATE:	7/7/2025 3:20:42 AM	COMMENT:			
SECTION:	BLPH	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001	STOP	2	0	After Status Change	STOP
0002	PAUS	2	0	After Status Change	PAUS
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	1	5	Initialization				SEBOL				
2	1	8	MODE SEL				SEBOL				
3	1	14	MODE SEL				SEBOL				
4	13	14	MODE SEL				SEBOL				
5	1	18	NONE				SEBOL				
6	3	18	IDLE				SEBOL				
7	5	18	IMPORT				SEBOL				
8	7	18	HOT STAND-BY				SEBOL				
9	9	18	EXPORT				SEBOL				
10	11	18	COLD STANDBY				SEBOL				
11	13	18	EMRGENCY(ISLAND)				SEBOL				
12	15	18	POWER OUT				SEBOL				
13	17	18	MAINTENANCE				SEBOL				
14	3	38	RESEARCH				SEBOL				
16	15	24	SEQ FAIL				SEBOL				
18	5	26	SEQ FAIL				SEBOL				
20	3	23	TRANSITION				SEBOL				
22	3	45	CHARGING MODE				SEBOL				
24	5	45	DISCHARGING MODE				SEBOL				
26	8	45	ESD				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter
9	5	STOP	After Status Change	STOP
9	7	PAUS	After Status Change	PAUS

Transition List

Plane Number: 0 Comment:

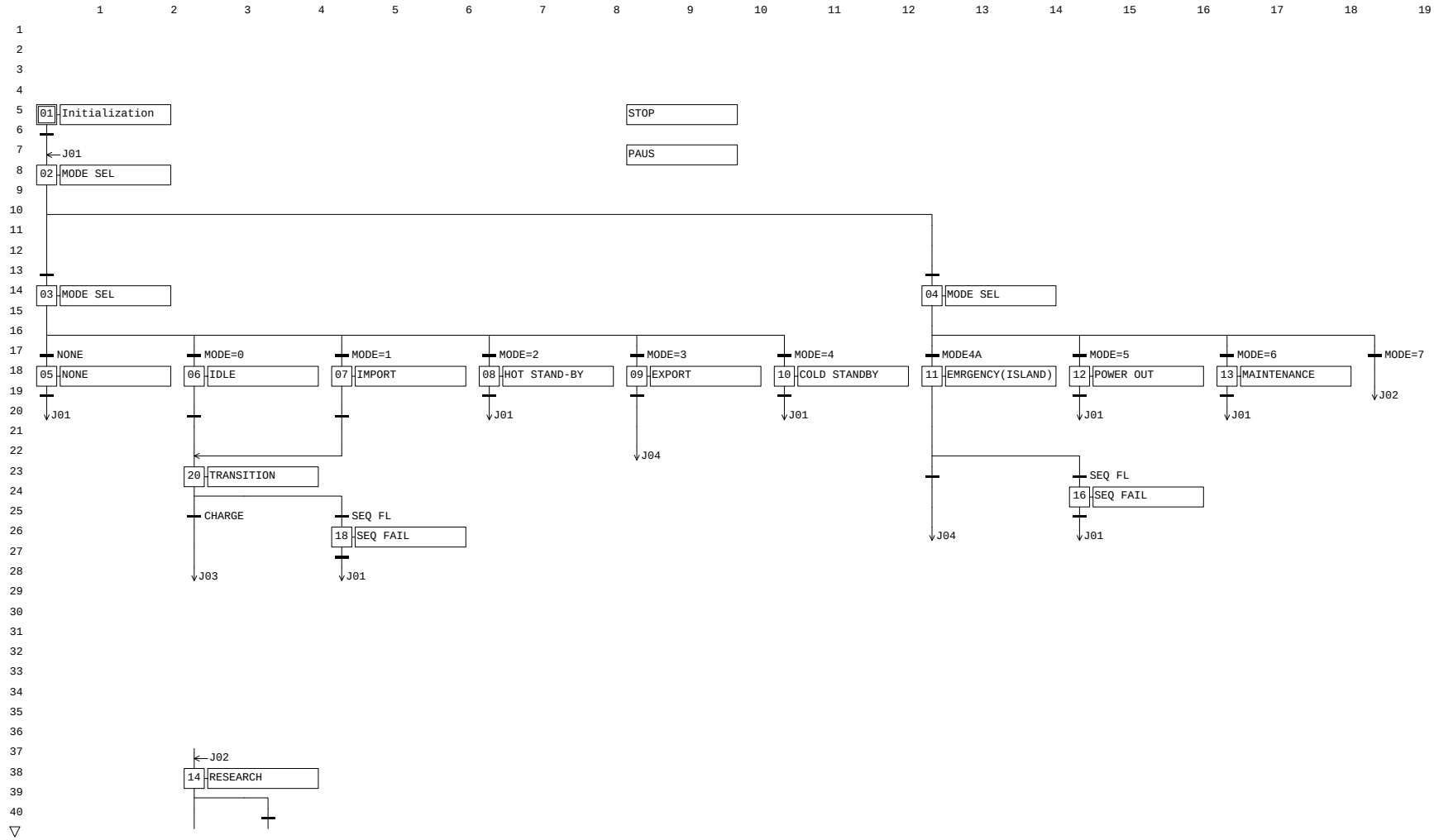
X	Y	Comment	Transition Condition
1	6		
1	13		%.TRANSIT==1
13	13		%.TRANSIT==2
1	17	NONE	%.TRANSIT==3
3	17	MODE=0	%.TRANSIT==4
5	17	MODE=1	(%.TRANSIT==5 or %.TRANSIT==6)
7	17	MODE=2	%.TRANSIT==7
9	17	MODE=3	%.TRANSIT==8
11	17	MODE=4	%.TRANSIT==9
13	17	MODE4A	%.TRANSIT==10
15	17	MODE=5	%.TRANSIT==11
17	17	MODE=6	%.TRANSIT==12
19	17	MODE=7	%.TRANSIT==13
1	19		
7	19		
9	19		
11	19		
15	19		
17	19		
3	20		

5	20		
13	23		INTSW[16].PV==1
15	23	SEQ FL	INTSW[16].PV==0
3	25	CHARGE	SEQFL==0
5	25	SEQ FL	SEQFL==1
15	25		
5	27		
4	40		MODE.PV<>10
3	43		%.TRANSIT==15
5	43		%.TRANSIT==17
8	43		1==0
3	46		
5	46		
8	46		

PROJECT:	BLPH-CW1	FILE NAME:	BLPH.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-1-4
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SECTION:	BLPH	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

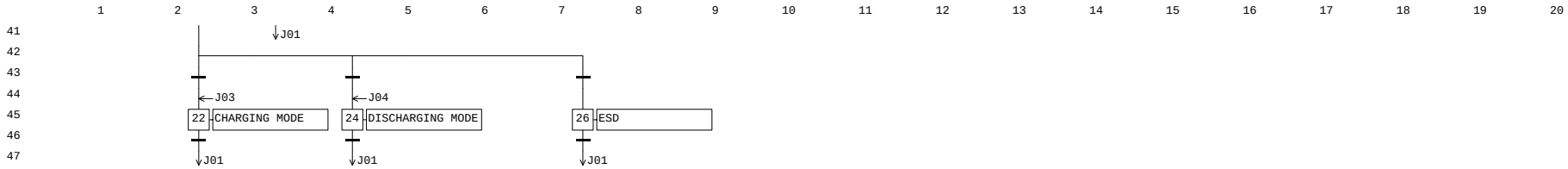
Plane Number: 0 Comment:



PROJECT:	BLPH-CW1	FILE NAME:	BLPH.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-1-5
STATION:	FCS0101	SAVED DATE:	7/7/2025 3:20:42 AM	COMMENT:			
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SFC

Plane Number: 0 Comment:



SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:Initialization X: 1 Y: 5

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :E368782Q00-J11DCSE
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 20 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               -------------------------
   015        * 0.0                                                  Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024        global             genname        PVI             MODE,ENMODE                ! ELECTROLISER MODE
   025        global             genname        MLD             PMMODE
   026        global             genname        _SFCSW          SEQPM,EXPRTPM,RCRGPM       ! SEQUENCE PERMISSIVE
   027        global             genname        %SW             INTSW[21],ESDTRP,O20XS,O80XS     !  INTERNAL BIT,DI
   028        global             genname        %SW             OPRMSG[4]                 ! OPERATOR MESSAGE BIT
   029        global             genname        MC-2E           SWP[2],AUXFC         ! SEA WATER INTAKE PUMP
   030        global             genname        SIO-21E         XV[23]                     ! ON/OFF VALVES
   031        global             genname        SIO-21E         O64SDV,BDV[7],SDV[2]       ! ON/OFF VALVES
   032        global             genname        PVI             SS[4],PT003,PT031A,PT031B  ! SUBSYSTEM SIGNALS
   033        global             genname        TM              TM01                       ! TIMER
   034        global             genname        PVI             PT[8]                      ! PRESSURE TRANSMITTER
   035        global             genname        PID             PIC[8]                     ! PRESSURE CONTROLLER
   036        global             genname        PID             FIC[6]                     ! FLOW CONTROLLER
   037        global             genname        AS-M            PICT[8]                    ! PRESSURE CONTROLLER FORCE CLOSE TRANSFER SWITCH
   038        global             genname        AS-M            FICT[8]                    ! FLOW CONTROLLER FORCE CLOSE TRANSFER SWITCH
   039        global             genname        %SW             PVZSL[8]                   !CLOSED LIMIT SWITCHES
   040        global             genname        %SW             FVZSL[6]                   !CLOSED LIMIT SWITCHES
   041        global             genname        %SW             FLT[3],O70XA,O80XA         !ALARMS
   042        global             genname        TM              t[49],EMGTM01              !TIMERS
   043        global            genname        %AN             TXAAH[6],T1XAAH[6],BSSFLT,GRAD[6]  !ALARM
   044        global            genname        DSET            PRSP[2]                   !ALARM
   045        global            genname        PBS5C           STCGHS,CGHS,PSDHS,PMTHS,DCHS,WTPHS   !STOP PBs
   046
   047        global integer i,k,SEQFL
   048
   049        ********************************************************************************
   050        *   Assign Variables
   051        ********************************************************************************
   052        assign           "87MODE-002"         to               MODE
   053        assign           "87MODE-003"         to               PMMODE
   054        assign           "87MODE-001"         to               ENMODE
   055
   056        assign           "87STCGHS-001"       to               STCGHS
   057        assign           "87CGHS-001"         to               CGHS
   058        assign           "87PSDHS-001"        to               PSDHS
   059        assign           "87PMTHS-001"        to               PMTHS
   060        assign           "87DCHS-001"         to               DCHS
   061        assign           "50HS-011"             to              WTPHS
   062
   063        assign           "SEQPERM01"          to               SEQPM
   064        assign           "SEQPERM02"          to               EXPRTPM
   065        assign           "SEQPERM05"          to               RCRGPM
   066
   067        assign           "P-50001ABGST"       to               INTSW[1]
   068        assign           "P-50001ABGSP"       to               INTSW[4]
   069        assign           "WTPAST"             to               INTSW[2]
   070        assign           "87PERM-0001"       to               INTSW[3]
   071        assign           "87PERM-0002"        to               INTSW[7]
   072        assign           "87TRP-001"         to               ESDTRP
   073        !assign           "EXPRTSEQFL"         to               INTSW[9]
   074        !assign           "FUELCLSTP"          to               INTSW[10]
   075        assign           "87EMG-001"          to               INTSW[11]
   076        assign           "WTPASP"             to               INTSW[13]
   077        assign           "AUXELASP"           to               INTSW[14]
   078        assign           "87PERM-0001"       to               INTSW[16]
   079        assign           "87LDSH-001"         to               INTSW[18]
   080        assign           "87LDSH-002"         to               INTSW[19]
   081        assign           "87STF-002"          to               INTSW[20]
   082        assign           "87EXP-001"          to               INTSW[17]
   083        assign           "87PERM-0001"       to               INTSW[21]
```

```
084
085       assign          "P-50001A"          to              SWP[1]
086       assign          "P-50001B"          to              SWP[2]
087
088       assign          "20XI-7113"         to              SS[1]
089       assign          "80UI-0043"         to              SS[2]
090
091
092
093       assign          "BLPHSEQTM01"       to              TM01
094
095       assign          "50XV-031"          to              XV[3]
096       assign          "25XV-004"          to              XV[4]
097       assign          "25XV-008"          to              XV[8]
098       assign          "25XV-011"          to              XV[11]
099       assign          "25XV-014"          to              XV[14]
100       assign          "25XV-017"          to              XV[17]
101       assign          "25XV-020"          to              XV[20]
102
103       assign          "25XV-006"          to              XV[6]
104       assign          "25XV-009"          to              XV[9]
105       assign          "25XV-012"          to              XV[12]
106       assign          "25XV-015"          to              XV[15]
107       assign          "25XV-018"          to              XV[18]
108       assign          "25XV-021"          to              XV[21]
109       assign          "25XV-024"          to              XV[22]
110       assign          "80XV-001"          to              XV[23]
111
112       assign          "64SDV-001"         to              O64SDV
113
114       assign          "25PI-035"          to              PT[1]
115       assign          "25PI-037"          to              PT[2]
116       assign          "25PI-040"          to              PT[3]
117       assign          "25PI-043"          to              PT[4]
118       assign          "25PI-046"          to              PT[5]
119       assign          "25PI-049"          to              PT[6]
120       assign          "64PI-031A"         to              PT[7]
121       assign          "64PI-031B"         to              PT[8]
122
123       assign          "25PIC-035"         to              PIC[1]
124       assign          "25PIC-037"         to              PIC[2]
125       assign          "25PIC-040"         to              PIC[3]
126       assign          "25PIC-043"         to              PIC[4]
127       assign          "25PIC-046"         to              PIC[5]
128       assign          "25PIC-049"         to              PIC[6]
129       assign          "25PIC-055"        to               PIC[7]
130       assign          "25PIC-055B"        to              PIC[8]
131
132       assign          "25FIC-031"         to              FIC[1]
133       assign          "25FIC-032"         to              FIC[2]
134       assign          "25FIC-033"         to              FIC[3]
135
136
137       assign          "25FIC-034"         to              FIC[4]
138       assign          "25FIC-038"         to              FIC[5]
139       assign          "25FIC-036"         to              FIC[6]
140
141       assign          "25PIC-035ASM"      to              PICT[1]
142       assign          "25PIC-037ASM"      to              PICT[2]
143       assign          "25PIC-040ASM"      to              PICT[3]
144       assign          "25PIC-043ASM"      to              PICT[4]
145       assign          "25PIC-046ASM"      to              PICT[5]
146       assign          "25PIC-049ASM"      to              PICT[6]
147       assign          "25PIC-055AASM"     to              PICT[7]
148       assign          "25PIC-055BASM"     to              PICT[8]
149
150       assign          "25FIC-031ASM"      to              FICT[1]
151       assign          "25FIC-032ASM"      to              FICT[2]
152       assign          "25FIC-033ASM"      to              FICT[3]
153       assign          "25FIC-034ASM"      to              FICT[4]
154       assign          "25FIC-038ASM"      to              FICT[5]
155       assign          "25FIC-036ASM"      to              FICT[6]
156
157       assign          "25ZSL-035"         to              PVZSL[1]
158       assign          "25ZSL-037"         to              PVZSL[2]
159       assign          "25ZSL-040"         to              PVZSL[3]
160       assign          "25ZSL-043"         to              PVZSL[4]
161       assign          "25ZSL-046"         to              PVZSL[5]
162       assign          "25ZSL-049"         to              PVZSL[6]
163       assign          "25ZSL-055A"        to              PVZSL[7]
164       assign          "25ZSL-055B"        to              PVZSL[8]
165
166
167       assign          "25ZSL-031"         to              FVZSL[1]
168       assign          "25ZSL-032"         to              FVZSL[2]
169       assign          "25ZSL-033"         to              FVZSL[3]
170       assign          "25ZSL-034"         to              FVZSL[4]
171       assign          "25ZSL-038"         to              FVZSL[5]
172       assign          "25ZSL-036"         to              FVZSL[6]
173
```

```
174       assign          "25PIC55-DS1"       to              PRSP[1]
175       assign          "25PIC55-DS2"       to              PRSP[2]
176
177       assign          "85XA-003"          to              FLT[1]
178       assign          "70XA-003"          to              O70XA
179       assign          "80XA-003"          to              O80XA
180       assign              "20XS-001"          to                  O20XS
181       assign              "80XS-001"          to                  O80XS
182       assign          "63XA003TAN"        to              FLT[2]
183       assign          "64XA003TAN"        to              FLT[3]
184       assign          "85XA003TAN"        to              BSSFLT
185       assign          "25PI-035GRADAN"    to              GRAD[1]
186       assign          "25PI-037GRADAN"    to              GRAD[2]
187       assign          "25PI-040GRADAN"    to              GRAD[3]
188       assign          "25PI-043GRADAN"    to              GRAD[4]
189       assign          "25PI-046GRADAN"    to              GRAD[5]
190       assign          "25PI-049GRADAN"    to              GRAD[6]
191
192
193
194
195
196       assign          "BLPHSEQT01"        to              t[1]
197       assign          "BLPHSEQT02"        to              t[2]
198       assign          "BLPHSEQT03"        to              t[3]
199       assign          "BLPHSEQT04"        to              t[4]
200       assign          "BLPHSEQT05"        to              t[5]
201       assign          "BLPHSEQT06"        to              t[6]
202       assign          "BLPHSEQT07"        to              t[7]
203       assign          "BLPHSEQT08"        to              t[8]
204       assign          "BLPHSEQT09"        to              t[9]
205       assign          "BLPHSEQT10"        to              t[10]
206       assign          "BLPHSEQT11"        to              t[11]
207       assign          "BLPHSEQT12"        to              t[12]
208       assign          "BLPHSEQT13"        to              t[13]
209       assign          "BLPHSEQT14"        to              t[14]
210       assign          "BLPHSEQT15"        to              t[15]
211       assign          "BLPHSEQT16"        to              t[16]
212       assign          "BLPHSEQT17"        to              t[17]
213       assign          "BLPHSEQT18"        to              t[18]
214       assign          "BLPHSEQT19"        to              t[19]
215       assign          "BLPHSEQT20"        to              t[20]
216       assign          "BLPHSEQT21"        to              t[21]
217       !assign          "BLPHSEQT22"        to              t[22]
218       !assign          "BLPHSEQT23"        to              t[23]
219       !assign          "BLPHSEQT24"        to              t[24]
220       !assign          "BLPHSEQT25"        to              t[25]
221       !assign          "BLPHSEQT26"        to              t[26]
222       !assign          "BLPHSEQT27"        to              t[27]
223       !assign          "BLPHSEQT28"        to              t[28]
224       !assign          "BLPHSEQT29"        to              t[29]
225       !assign          "BLPHSEQT30"        to              t[30]
226       !assign          "BLPHSEQT31"        to              t[31]
227       !assign          "BLPHSEQT32"        to              t[32]
228       !assign          "BLPHSEQT33"        to              t[33]
229       !assign          "BLPHSEQT34"        to              t[34]
230       !assign          "BLPHSEQT35"        to              t[35]
231       !assign          "BLPHSEQT36"        to              t[36]
232       !assign          "BLPHSEQT37"        to              t[37]
233       !assign          "BLPHSEQT38"        to              t[38]
234       !assign          "BLPHSEQT39"        to              t[39]
235       !assign          "BLPHSEQT40"        to              t[40]
236       !assign          "BLPHSEQT41"        to              t[41]
237       !assign          "BLPHSEQT42"        to              t[42]
238       !assign          "BLPHSEQT43"        to              t[43]
239       !assign          "BLPHSEQT44"        to              t[44]
240       !assign          "BLPHSEQT45"        to              t[45]
241       assign          "BLPHSEQT46"        to              t[46]
242       assign          "BLPHSEQT47"        to              t[47]
243       assign          "BLPHSEQT48"        to              t[48]
244       assign          "BLPHSEQT49"        to              t[49]
245       assign          "BLPHEMGTM01"       to              EMGTM01
246
247
248       assign          "T3AAH"             to              TXAAH[1]
249       assign          "T3BAH"             to              TXAAH[2]
250       assign          "T3CAH"             to              TXAAH[3]
251       assign          "T3DAH"             to              TXAAH[4]
252       assign          "T3EAH"             to              TXAAH[5]
253       assign          "T3FAH"             to              TXAAH[6]
254
255       assign          "T5AAH"             to              T1XAAH[1]
256       assign          "T5BAH"             to              T1XAAH[2]
257       assign          "T5CAH"             to              T1XAAH[3]
258       assign          "T5DAH"             to              T1XAAH[4]
259       assign          "T5EAH"             to              T1XAAH[5]
260       assign          "T5FAH"             to              T1XAAH[6]
261
262       assign          "25BDV-005"         to              BDV[1]
263       assign          "25BDV-007"         to              BDV[2]
```

```
   264        assign          "25BDV-010"         to              BDV[3]
   265        assign          "25BDV-013"         to              BDV[4]
   266        assign          "25BDV-016"         to              BDV[5]
   267        assign          "25BDV-019"         to              BDV[6]
   268        assign          "25BDV-022"         to              BDV[7]
   269        assign          "25SDV-001"         to              SDV[1]
   270        assign          "25SDV-023"         to              SDV[2]
   271
   272        assign          "63PI-003"          to              PT003
   273        assign          "64PI-031A"         to              PT031A
   274        assign          "64PI-031B"         to              PT031B
   275
   276        !-------------------------------------------------------------
   277        assign          "OPMSG-1"       to              OPRMSG[1]
   278        assign          "OPMSG-2"       to              OPRMSG[2]
   279        assign          "OPMSG-3"       to              OPRMSG[3]
   280        assign          "OPMSG-4"       to              OPRMSG[4]
   281
   282        !-------------------------------------------------------------
   283
```

Step Number: 2 Comment:MODE SEL X: 1 Y: 8

```
Line Number   SEBOL Program
   001        %.TRANSIT=0
   002        for i=1 to 8
   003        %.APSIND[i]=0
   004        next@
   005        !for i=1 to 400
   006        !%.STATUS[i]=0
   007        !next@
   008
   009
   010        !if(PMMODE.PV<>1)then
   011        !For i=1 to 20
   012        !%.STATUS[i]=0
   013        !next@
   014        !end if
   015
   016        !if(PMMODE.PV<>2 or PMMODE.PV<>3 or PMMODE.PV<>4)then
   017        !For i=21 to 40
   018        !%.STATUS[i]=0
   019        !next@
   020        !end if
   021
   022        for i=141 to 178
   023        %.STATUS[i]=0
   024        next@
   025
   026        for i=403 to 408
   027        %.STATUS[i]=0
   028        next@
   029
   030        TM01.OP=TMSTOP
   031        TM01.PV=0
   032        !if(PMMODE.PV<>1 or PMMODE.PV<>2 or PMMODE.PV<>3 or PMMODE.PV<>4) then
   033        !t[1].OP=TMSTOP
   034        !t[2].OP=TMSTOP
   035        !t[3].OP=TMSTOP
   036        !end if
   037        *TM01.PV=0
   038        ![%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="","","",""]
   039        repeat
   040        if (MODE.PV>=0 & MODE.PV<=6)  %.TRANSIT=1
   041        if (MODE.PV>=7 & MODE.PV<=10) %.TRANSIT=2
   042        until@(%.TRANSIT==1 | %.TRANSIT==2)
   043
   044        t[4].OP=TMSTOP
   045        t[5].OP=TMSTOP
   046        t[6].OP=TMSTOP
   047        t[7].OP=TMSTOP
   048        t[8].OP=TMSTOP
   049        t[9].OP=TMSTOP
   050        t[48].OP=TMSTOP
   051        t[49].OP=TMSTOP
   052        EMGTM01.OP=TMSTOP
```

Step Number: 3 Comment:MODE SEL X: 1 Y: 14

```
Line Number   SEBOL Program
   001        for i=0 to 6
   002        if (MODE.PV==i) then
   003            %.TRANSIT=3+i
   004        end if
   005        next@
```

Step Number: 4 Comment:MODE SEL X: 13 Y: 14

```
Line Number   SEBOL Program
   001        for i=7 to 10
   002        if (MODE.PV==i) then
   003            %.TRANSIT=3+i
   004        end if
   005        next@
```

Step Number: 5 Comment:NONE X: 1 Y: 18

```
Line Number   SEBOL Program
   001        %.STATE="NONE"
   002        wait until (MODE.PV>0)
```

Step Number: 6 Comment:IDLE X: 3 Y: 18

```
Line Number   SEBOL Program
   001        %.STATE="IDLE"
   002        k=0
   003        SEQFL=0
   004        [INTSW[1].PV,INTSW[2].PV,INTSW[3].PV=0,0,0]
   005
   006
   007
   008        !Checking permissive for staring electrolizer package-------------------------------------------------
   009
   010        if (%.STATUS[50]==0)   [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PERMISSIVE CONDI","TIONS FOR IDLE ","MODE IS NOT MET ",""]
   011
   012
   013
   014        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PERMISSIVE CONDI","TIONS FOR IDLE  ","MODE IS SATISFIE","D               "]
   015
   016
   017        !----Electrolyser running. (delay xxx Sec)  (MODBUS TAG ELETROLYSER STATUS: 20XI-7113)----------------------
   018
   019        !wait until (SS[1].PV==1 | t[46].BSTS=="CTUP")
   020
   021        !if (SS[1].PV==1)      %.STATUS[20]=1
   022
   023        !if (SS[1].PV<>1) then
   024
   025
   026        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="WAITING FOR ELEC","TROLISER RUNNING","",""]
   027        wait until (SS[1].PV==1)
   028        %.STATUS[20]=1
   029        t[46].PH=%.DLY[46]
   030        t[46].OP=TMSTAT
   031        wait until (t[46].BSTS=="CTUP")
   032
   033
   034        if (SS[1].PV==1) then
   035        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ELECTROLYSER I  ","S RUNNING       ","",""]
   036
   037
   038        delaycycle 5
   039        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ELECTROLYSER I  ","S GOING TO CHARG","ING MODE        ",""]
   040
   041
   042        end if
   043        delaycycle 5
   044
   045
```

Step Number: 7 Comment:IMPORT X: 5 Y: 18

```
Line Number   SEBOL Program
   001        k=0
   002        SEQFL=0
   003        %.STATE="IMPORT"
   004        [INTSW[1].PV,INTSW[2].PV,INTSW[3].PV=0,0,0]
   005
   006        !if  (TM01.BSTS=="CTUP")    then
   007        !SEQFL=1
   008        !quit
   009        !end if
   010
   011        if (%.STATUS[50]==0)   [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PERMISSIVE CONDI","TIONS FOR IMPORT","MODE IS NOT MET ",""]
   012
   013
   014        !wait until (%.STATUS[50]==1)
   015        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PERMISSIVE CONDI","TIONS FOR IMPORT ","MODE IS SATISFIE","D               "]
```

```
   016
   017
   018
   019
   020        !----Electrolyser running. (delay xxx Sec)  (MODBUS TAG ELETROLYSER STATUS: 20XI-7113)----------------------
   021
   022        !wait until (SS[1].PV==1 | t[47].BSTS=="CTUP")
   023
   024
   025
   026        !if (SS[1].PV<>1) then
   027
   028        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="WAITING FOR ELEC","TROLISER RUNNING","",""]
   029        wait until (SS[1].PV==1)
   030        %.STATUS[40]=1
   031        t[47].PH=%.DLY[47]
   032        t[47].OP=TMSTAT
   033        wait until (t[47].BSTS=="CTUP")
   034
   035
   036
   037        if (SS[1].PV==1) then
   038        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ELECTROLYSER I  ","S RUNNING       ","",""]
   039
   040
   041        delaycycle 5
   042        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ELECTROLYSER I  ","S GOING TO CHARG","ING MODE        ",""]
   043
   044
   045        end if
   046        delaycycle 5
   047
   048
   049
   050
   051
```

Step Number: 8 Comment:HOT STAND-BY X: 7 Y: 18

```
Line Number   SEBOL Program
   001        !From process point of view in the “HOT STANDBY mode” neither the Electrolyser nor the Fuel cells
   002        !is required to run and the logic will do the following:
   003        !EMCS requires PCS to enter in “HOT STAND BY mode”
   004        !BESS NOT FAULT  (85XA-003)
   005        !H2 storage full (check all pressure transmitters on H2 storage tanks are>=20barg):
   006        !25-PT-035
   007        !25-PT-037
   008        !25-PT-040
   009        !25-PT-043
   010        !25-PT-046
   011        !25-PT-049
   012        repeat
   013        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ELECTROLYSER I  ","S IN HOT STANDBY","MODE            ",""]
   014        until@ (MODE.PV<>4)
```

Step Number: 9 Comment:EXPORT X: 9 Y: 18

```
Line Number   SEBOL Program
   001
   002        %.STATE="EXPORT"
   003
   004        !Since both valves 25PV055A/B shall be in closed position (mandatory) following actions shall be taken (see par. 4.4.10):
   005        !Put both controllers 25-PIC-055A/B in Auto mode and force the output to 0%.
   006        !Time to close the valves is 15 sec
   007        !The feedback statuses are 25-ZSL-055A and 25-ZSL-055B. When the feedback statuses are active then proceed with below point.
   008        quit
```

Step Number:10 Comment:COLD STANDBY X: 11 Y: 18

```
Line Number   SEBOL Program
   001
   002        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ELECTROLYSER I ","S IN COLD       ","STANDBY MODE    ",""]
   003
   004        wait until (MODE.PV<>6)
```

Step Number:11 Comment:EMRGENCY(ISLAND) X: 13 Y: 18

```
Line Number   SEBOL Program
   001        !From process point of view in the "Emergency Mode (Island)" the Fuel cells package is required
   002        !to run and the logic will do the following:
   003        !1) EMCS requires to PCS enter in "Emergency Mode (Island)".
   004        !2) BESS NO FAULT
```

```
   005        !3) PCS sends to EMCS the "Permissive to start" for "Emergency mode"
   006        !4) EMCS sends to PCS the "Command to Load shedding 1" that consists of:
   007        !PCS Stop Sea water Pumps
   008        !PCS Stop Water Treatment system
   009        !PCS Stop Auxiliary Electrolyser
   010        !EMCS sends to PCS the "Start request" for Fuel Cell package.
   011
   012
   013
   014        %.STATE="EMERGENCY ISLAND"
   015        INTSW[11].PV=0
   016        wait until (INTSW[16].PV==1)
   017
   018        if (INTSW[16].PV==1 and t[49].BSTS<>"NR") then
   019        t[49].PH=%.DLY[49]
   020        t[49].OP=TMSTAT
   021        end if
   022
   023
   024
```

Step Number:12 Comment:POWER OUT X: 15 Y: 18

```
Line Number   SEBOL Program
   001        %.STATE="POWER OUT"
   002        wait until (MODE.PV<>8)
```

Step Number:13 Comment:MAINTENANCE X: 17 Y: 18

```
Line Number   SEBOL Program
   001        %.STATE="MAINTENANCE"
   002        wait until (MODE.PV<>9)
```

Step Number:20 Comment:TRANSITION X: 3 Y: 23

```
Line Number   SEBOL Program
   001        TM01.OP=TMSTOP
   002        %.STATE="CHARGING"
   003        quit
```

Step Number:16 Comment:SEQ FAIL X: 15 Y: 24

```
Line Number   SEBOL Program
   001        !SEQFL=0
   002        !Fuel Cells will be stopped by EMCS.
   003        INTSW[16].PV=0
   004        !PCS Stop auxiliary Fuel Cells(80A80000)
   005        AUXFC.MV=0
   006        !PCS will stop the sequence ¡§Process Discharging mode¡¨ for H2 storage Vessels
   007        !Put both controllers 25-PIC-055A/B in Auto mode and force the output to 0%.
   008        ![PIC[7].MODE,PICT[7].MODE,PICT[7].SW="AUT","AUT",2]
   009        !PIC[8].MODE = "AUT"
   010        ![PICT[8].MODE,PICT[8].SW="AUT",2]
   011
   012        PIC[7].PSW = 1
   013
   014        !Time to close the valves is 15 sec
   015        !The feedback statuses are 25-ZSL-055A and 25-ZSL-055B.
   016        !EMCS sends to PCS the ¡§Command to Load shedding 2¡¨ that consists of:
   017        !PCS Stop HVAC systems
   018        !PCS Stop Welding sockets
   019        !PCS Stop BOP Distribution panel
   020        !PCS Stop Crane
   021        !§Permissive to start¡¨ for ¡§Emergency Mode¡¨ (Island)
   022        !------PCS will stop Water Treatment system-------------
   023
   024        INTSW[2].PV = 0                                  ! WTP START REQ OFF
   025
   026        INTSW[13].PV=1                             !NEED TO MAP WITH MODBUS TO SEND STOP COMMAND TO WTP PACKAGE ! WTP STOP REQ ON
   027
   028        delaycycle 5
   029        !INTSW[6].PV=0
   030
   031        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ELTROLISER EMERG","ENCY MODE","OPERATION FAILED",""]
   032
   033
   034
   035
   036
   037
   038
   039
```

```
   040
   041
   042
   043
   044
   045
   046
```

Step Number:18 Comment:SEQ FAIL X: 5 Y: 26

```
Line Number   SEBOL Program
   001        SEQFL=0
   002        !------Electrolyser will be stopped by EMCS.------------
   003        INTSW[7].PV=0            !87PERM-0002 modbus signal for Electroliser stop request
   004
   005        !------PCS will stop the sequence “Process Charging mode” for H2 storage Vessels
   006
   007        !------PCS will stop the Sea water Pumps----------------
   008        INTSW[1].PV=0
   009        INTSW[12].PV=1                        !GROUP STOP COMMAND FO SEA WATER INTAKE PUMP
   010        wait until (SWP[1].PV==0 & SWP[2].PV==0)
   011        INTSW[12].PV=0
   012        !------PCS will stop Water Treatment system-------------
   013
   014        WTPHS.MV03=1                           !STOP COMMAND TO WTP PACKAGE
   015        delaycycle 10
   016        INTSW[6].PV=0
   017        %.EVENT[12]=1                          !ELTROLISER "IDLE" MODE OPERATION FAILED
   018        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ELTROLISER IDLE ","MODE OPERATION  ","         FAILED",""]
   019
   020        for i= 1 to 450
   021        %.STATUS[i]=0
   022        next@
```

Step Number:14 Comment:RESEARCH X: 3 Y: 38

```
Line Number   SEBOL Program
   001
   002        !3.10 MODE 7 = RESEARCH
   003        !For electrical details about this mode reference shall be made to doc. EMCS Software Functional Design Specification (FDS-SW)
   004        !All commands will be in manual mode by operators from HMI and all Software Interlocks inside PCS shall be by-passed.
   005        !The following push buttons will be active only in electrical "Research mode"
   006        !Software push button = Purging mode after Shutdown (for H2 displacement) (see par. 4.4.7)
   007        !Software push button = Purging mode after Maintenance (for air displacement) (see par. 4.4.8)
   008        !Software push button = Process Start-up charging mode (see par. 4.4.4)
   009        !Software push button = Process Charging mode (see par. 4.4.2)
   010        !Software push button = Process Discharging mode (see par. 4.4.5)
   011        %.STATE="RESEARCH"
   012        %.TRANSIT=0
   013        for i=1 to 400
   014        %.STATUS[i]=0
   015        next@
   016        for i=1 to 6
   017        if (T1XAAH[i].PV==1)    T1XAAH[i].PV=0
   018        if (TXAAH[i].PV==1)     TXAAH[i].PV=0
   019        next@
   020        ![%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="","","",""]
   021
   022        repeat
   023
   024        [%.SWPBEN[1],%.SWPBEN[2],%.SWPBEN[5]=1,1,1]         ! To enable soft push button on HMI
   025        if (RCRGPM.H2ILK==1) then
   026             if ((dscheck(PT[1].#PV,"BAD")==0 & PT[1].PV>=2.0) | (dscheck(PT[2].#PV,"BAD")==0 & PT[2].PV>=2.0)\
   027                | (dscheck(PT[3].#PV,"BAD")==0 & PT[3].PV>=2.0) | (dscheck(PT[4].#PV,"BAD")==0 & PT[4].PV>=2.0)\
   028                | (dscheck(PT[5].#PV,"BAD")==0 & PT[5].PV>=2.0) | (dscheck(PT[6].#PV,"BAD")==0 & PT[6].PV>=2.0))   then
   029                [%.SWPBEN[3],%.SWPBEN[4]=1,1]
   030             end if
   031        else
   032        [%.SWPBEN[3],%.SWPBEN[4]=0,0]
   033        end if
   034
   035        if (MODE.PV<>10)   then
   036            for i= 1 to 5
   037            %.SWPBEN[i]=0
   038            next@
   039        end if
   040
   041
   042        until (%.TRANSIT==15 | %.TRANSIT==17 |MODE.PV<>10)
   043
   044        if (MODE.PV<>10)   then
   045            for i= 1 to 5
   046            %.SWPBEN[i]=0
   047            next@
   048        end if
```

Step Number:22 Comment:CHARGING MODE X: 3 Y: 45

```
Line Number   SEBOL Program
   001        %.STATE="PROCESS CHARGING"
   002        %.STATE="CHARGING"
   003        %.APSIND[1]=1
   004        %.CHRG=1                !USED IN RESEACH MODE RESRTRICTION
   005
   006
   007
   008
   009        !The gProcess Charging modeh can be activated only if pressure in the H2 vessels is higher than 2 barg (this to ensure there is
              no air inside the vessels): 25-PT-035/037/040/043/046/049. 2 barg (this value depends on the chosen set point of pressure control
              valves during purging operation).
   010        !Let assume the sequence of the vessel to be filled is the following:
   011        !a. V-25001A,
   012        !b. V-25001B,
   013        !c. V-25001C,
   014        !d. V-25001D,
   015        !e. V-25001E,
   016        !f. V-25001F,
   017        !Then the logic will do the following:
   018        *1) Close all XV valves that are installed on the inlet line of each H2 Storage Vessel:
   019        !25-XV-004/008/011/014/017/020
   020        for i=143 to 178
   021        %.STATUS[i]=0
   022        next@
   023        for i=401 to 405
   024        %.STATUS[i]=0
   025        next@
   026        TOP:
   027
   028        !1)Close all FV valves that are installed on the inlet lines of each H2 Storage Vessel: 25-FV-031/032/033/034/038/036
   029        !• Time to close the valves is 20 sec
   030        !• The feedback statuses are 25-ZSL-031/032/033/034/038/036. When all feedback statuses are active proceed with below point.
   031
   032        !for i=1 to 6
   033        !    [FIC[i].MODE,FICT[i].MODE,FICT[i].SW="AUT","AUT",2]
   034        !next@
   035
   036        !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
   037
   038        for i=1 to 6
   039            FIC[i].PSW = 1
   040        next@
   041
   042        wait until (FVZSL[1].PV==1 & FVZSL[2].PV==1 & FVZSL[3].PV==1 & FVZSL[4].PV==1 & FVZSL[5].PV==1 & FVZSL[6].PV==1);time 30,error BOT
              TOM
   043        if (FVZSL[1].PV==1 & FVZSL[2].PV==1 & FVZSL[3].PV==1 & FVZSL[4].PV==1 & FVZSL[5].PV==1 & FVZSL[6].PV==1) then
   044        %.STATUS[401]=1
   045        else
   046        %.STATUS[401]=0
   047        end if
   048        !1) Put the controllers 25-PIC-035/037/040/043/046/049 in Auto mode and force the output to 0BLPH.
   049
   050        !Close all PV valves that are installed on the outlet lines of each H2 Storage Vessel:
   051        !25-PV-035/037/040/043/046/049
   052        !• Time to close the valves is 20 sec
   053        !The feedback statuses are 25-ZSL-035/037/040/043/046/049. When all feedback statuses are active proceed with below point.
   054
   055        !for i=1 to 6
   056        !    [PIC[i].MODE,PICT[i].MODE,PICT[i].SW="CAS","AUT",2]
   057        !next@
   058
   059        !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
   060
   061        for i=1 to 6
   062            PIC[i].PSW = 1
   063        next@
   064
   065        wait until (PVZSL[1].PV==1 & PVZSL[2].PV==1 & PVZSL[3].PV==1 & PVZSL[4].PV==1 & PVZSL[5].PV==1 & PVZSL[6].PV==1);time 30,error BOT
              TOM
   066
   067        if(PVZSL[1].PV==1 & PVZSL[2].PV==1 & PVZSL[3].PV==1 & PVZSL[4].PV==1 & PVZSL[5].PV==1 & PVZSL[6].PV==1)then
   068        %.STATUS[402]=1
   069        else
   070        %.STATUS[402]=0
   071        end if
   072
   073        [XV[4].MODE,XV[8].MODE,XV[11].MODE,XV[14].MODE,XV[17].MODE,XV[20].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
   074        delaycycle 3
   075        [XV[4].CSV,XV[8].CSV,XV[11].CSV,XV[14].CSV,XV[17].CSV,XV[20].CSV=0,0,0,0,0,0]
   076
   077
   078
   079        !Time to close the valves is 3 sec
   080        !The feedback statuses are 25-ZSL-004/008/011/014/017/020. When all feedback statuses are active proceed with below point.
   081
```

```
082         wait until  (XV[4].PV==0 & XV[8].PV==0 & XV[11].PV==0 & XV[14].PV==0 & XV[17].PV==0 & XV[20].PV==0);time 10,error BOTTOM
083         %.STATUS[141]=1
084
085         !Close all XV valves that are installed on the outlet line of each H2 Storage Vessel:
086         !25-XV-006/009/012/015/018/021
087
088         [XV[6].MODE,XV[9].MODE,XV[12].MODE,XV[15].MODE,XV[18].MODE,XV[21].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
089         !delaycycle 3
090         [XV[6].CSV,XV[9].CSV,XV[12].CSV,XV[15].CSV,XV[18].CSV,XV[21].CSV=0,0,0,0,0,0]
091         delaycycle 3
092
093         !Time to close the valves is 3 sec
094         !The feedback statuses are 25-ZSL-006/009/012/015/018/021. When all feedback statuses are active proceed with below point.
095
096         wait until  (XV[6].PV==0 & XV[9].PV==0 & XV[12].PV==0 & XV[15].PV==0 & XV[18].PV==0 & XV[21].PV==0);time 10,error BOTTOM
097         %.STATUS[142]=1
098
099
100         for i=143 to 178
101         %.STATUS[i]=0
102         next@
103         if (CGHS.MV01==1 or O20XS.PV==0 ) then
104         goto BOTTOM
105         end if
106         if(ENMODE.PV==10)  %.STATUS[50]=1   ! BYPASS ACTUAL PERMISSIVE BIT IN RESEARCH MODE
107
108         *******CHARGING MODE LOGIC FOR VESSEL-A************************************************************
109         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-A CHARGIN","G OPERATION IS ","STARTED",""]
110         !Check the pressure in V-25001A:
111         !If 25-PT-035>=30 barg go to point 7
112         !If 25-PT-035 < 30 and >=2 barg go to below point
113
114         if  (dscheck(PT[1].#PV,"BAD") == 1)     then
115            [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-035 I","S IN FAULT CONDI","TION            "]
116         end if
117
118         wait until (dscheck(PT[1].#PV,"BAD") == 0);time 1,error BOTTOM       ! checking transimitter fault
119
120         if (PT[1].PV>=30.0 | PT[1].PV<2.0)    then
121         %.STATUS[143]=1
122         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-A CHARGIN","G OPERATION IS ","FAILED",""]
123         goto POINT7
124         end if
125
126
127         if    (PT[1].PV<30.0 & PT[1].PV>=2.0)    then
128         %.STATUS[144]=1
129         !Open the valve 25-XV-004, installed on the inlet line of the V-25001A;
130         XV[4].MODE="AUT"
131         XV[4].CSV=2
132         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-A INLET V","ALVE 25-XV-004 ","OPEN COMMAND ISSUED",""]
133         end if
134         !Time to open 25-XV-004 is 8 sec.
135
136         wait until (XV[4].PV==2 or %.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0);time 10,error BOTTOM
137         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0 ) then
138         goto BOTTOM
139         end if
140
141         %.STATUS[145]=1
142         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-A INLET V","ALVE 25-XV-004 ","IS OPENED       ",""]
143         !The feedback status is 25-ZSH-004. When feedback status is active proceed with below point.
144
145         t[4].PH=%.DLY[4]
146         t[4].OP=TMSTAT
147         !Wait (delay TBD sec) until the pressure inside the vessel V-25001A is .30 barg (pressure indication can be taken from 25-PT-035,
            installed on the vessel V-25001A);
148         !If 25-PT-035 >=30 barg go to below point
149         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PLEASE WAIT UNTI","L THE VESSEL-A  ","PRESSURE REACHE ","D TO 30 bar      "]
150
151         wait until (PT[1].PV>=30.0 | t[4].BSTS=="CTUP" | %.STATUS[50]==0 | CGHS.MV01==1 or O20XS.PV==0 | GRAD[1].PV==1)
152         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0) then
153         goto BOTTOM
154         end if
155
156         if  (GRAD[2].PV==1) then
157         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-A PRESSUR","E GRADIENT IS ZER","O OR -VE GRADIENT","                ",""]
158         end if
159
160         if  (PT[1].PV>=30.0) then
161         %.STATUS[146]=1
162         t[4].OP=TMSTOP
163         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-A PRESSUR","E REACHED TO 30 ","BAR             ",""]
164         end if
165
166
167         !If 25-PT-035 < 30 barg when timer is expired alert operator with alarm ¡§Process Charging Sequence Vessel A not completed¡¨ and p
            roceed with below point
168
169         if ((PT[1].PV<30.0 & t[4].BSTS=="CTUP") | GRAD[1].PV==1 )  then
```

```
170         %.STATUS[147]=1
171         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]=" PROCESS CHARGIN","G SEQUENCE      "," VESSEL-A IS NO","T COMPLETED     "]
172         end if
173
174
175
176         if (PT[1].PV<30.0) then
177         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-A INLET V","ALVE 25-XV-004 ","CLOSE COMMAND ISSUE","D"]
178         end if
179
180         XV[4].MODE="AUT"
181         XV[4].CSV=0
182
183         wait until (XV[4].PV==0);time 10,error BOTTOM
184         if        (XV[4].PV==0)     then
185         %.STATUS[148]=1
186         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-A INLET V","ALVE 25-XV-004 ","IS CLOSED       ",""]
187         end if
188
189         ************************************************************************CHARGING MODE LOGIC FOR VESSEL-B*******************************
            *************************
190         POINT7:
191         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-B CHARGIN","G OPERATION IS ","STARTED",""]
192
193         if  (dscheck(PT[2].#PV,"BAD")==1)     [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-037 I","S IN FAU
            LT CONDI","TION            "]
194         wait until (dscheck(PT[2].#PV,"BAD")==0);time 1,error BOTTOM                ! checking transimitter fault
195
196         if (PT[2].PV>=30.0 | PT[2].PV<2.0)    then
197         %.STATUS[149]=1
198         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-B CHARGIN","G OPERATION IS ","FAILED",""]
199         goto POINT11
200         end if
201
202         if    (PT[2].PV<30.0 & PT[2].PV>=2.0)    then
203         %.STATUS[150]=1
204         XV[8].MODE="AUT"
205         XV[8].CSV=2
206         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-B INLET V","ALVE 25-XV-008 ","OPEN COMMAND ISSUED",""]
207         end if
208
209
210         wait until (XV[8].PV==2 or %.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0);time 10,error BOTTOM
211         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0) then
212         goto BOTTOM
213         end if
214         %.STATUS[151]=1
215         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-B INLET V","ALVE 25-XV-008 ","IS OPENED       ",""]
216
217         t[5].PH=%.DLY[5]
218         t[5].OP=TMSTAT
219
220         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PLEASE WAIT UNTI","L THE VESSEL-B  ","PRESSURE REACHE ","D TO 30 bar      "]
221
222         wait until (PT[2].PV>=30.0 | t[5].BSTS=="CTUP" | %.STATUS[50]==0 | CGHS.MV01==1 or O20XS.PV==0 | GRAD[2].PV==1)
223         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0 ) then
224         goto BOTTOM
225         end if
226
227         if  (GRAD[2].PV==1) then
228         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-B PRESSUR","E GRADIENT IS ZER","O OR -VE GRADIENT","               ",""]
229         end if
230
231
232         if  (PT[2].PV>=30.0) then
233         %.STATUS[152]=1
234         t[5].OP=TMSTOP
235         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-B PRESSUR","E REACHED TO 30 ","BAR            ",""]
236         end if
237
238         if ((PT[2].PV<30.0 & t[5].BSTS=="CTUP") OR GRAD[2].PV==1)  then
239         %.STATUS[153]=1
240         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-B CHARGIN","G OPERATION IS ","FAILED",""]
241         end if
242
243         if (PT[2].PV<30.0) then
244
245         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-B INLET V","ALVE 25-XV-008 ","CLOSE COMMAND ISSUE","D"]
246         end if
247
248         XV[8].MODE="AUT"
249         XV[8].CSV=0
250         wait until (XV[8].PV==0);time 10,error BOTTOM
251
252         if        (XV[8].PV==0)     then
253         %.STATUS[154]=1
254         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-B INLET V","ALVE 25-XV-008 ","IS CLOSED       ",""]
255         end if
256
257         *******CHARGING MODE LOGIC FOR VESSEL-C*************************************************************
```

```
258         POINT11:
259         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-C CHARGIN","G OPERATION IS ","STARTED",""]
260
261         if  (dscheck(PT[3].#PV,"BAD")==1)     [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-040 I","S IN FAU
            LT CONDI","TION            "]
262         wait until (dscheck(PT[3].#PV,"BAD")==0);time 1,error BOTTOM                ! checking transimitter fault
263
264
265         if (PT[3].PV>=30.0 | PT[3].PV<2.0)    then
266         %.STATUS[155]=1
267         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-C CHARGIN","G OPERATION IS ","FAILED",""]
268         goto POINT15
269         end if
270
271         if    (PT[3].PV<30.0 & PT[3].PV>=2.0)    then
272         %.STATUS[156]=1
273         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-C INLET V","ALVE 25-XV-008 ","OPEN COMMAND ISSUED",""]
274         end if
275
276         XV[11].MODE="AUT"
277         XV[11].CSV=2
278
279         wait until (XV[11].PV==2 or %.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0);time 10,error BOTTOM
280         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0) then
281         goto BOTTOM
282         end if
283
284         %.STATUS[157]=1
285         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-C INLET V","ALVE 25-XV-008 ","IS OPENED       ",""]
286
287
288         XV[11].MODE="AUT"
289         XV[11].CSV=2
290
291         t[6].PH=%.DLY[6]
292         t[6].OP=TMSTAT
293         !Wait (delay TBD sec) until the pressure inside the vessel V-25001A is .30 barg (pressure indication can be taken from 25-PT-040,
            installed on the vessel V-25001A);
294         !If 25-PT-040 >=30 barg go to below point
295         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PLEASE WAIT UNTI","L THE VESSEL-B  ","PRESSURE REACHE ","D TO 30 bar      "]
296
297         wait until (PT[3].PV>=30.0 | t[6].BSTS=="CTUP" | %.STATUS[50]==0 | CGHS.MV01==1 or O20XS.PV==0 | GRAD[3].PV==1)
298
299         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0) then
300         goto BOTTOM
301         end if
302
303
304         if  (GRAD[3].PV==1) then
305         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-C PRESSUR","E GRADIENT IS ZER","O OR -VE GRADIENT","                ",""]
306         end if
307
308         if  (PT[3].PV>=30.0) then
309         %.STATUS[158]=1
310         t[6].OP=TMSTOP
311         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-C PRESSUR","E REACHED TO 30 ","BAR             ",""]
312         end if
313
314         if ((PT[3].PV<30.0 & t[6].BSTS=="CTUP")OR GRAD[3].PV==1)then
315         %.STATUS[159]=1
316         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-C CHARGIN","G OPERATION IS ","FAILED",""]
317         end if
318
319         if (PT[3].PV<30.0) then
320         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-C INLET V","ALVE 25-XV-008 ","CLOSE COMMAND ISSUE","D"]
321         end if
322
323         XV[11].MODE="AUT"
324         XV[11].CSV=0
325
326         wait until (XV[11].PV==0);time 10,error BOTTOM
327         if         (XV[11].PV==0)     then
328         %.STATUS[160]=1
329         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-C INLET V","ALVE 25-XV-008 ","IS CLOSED       ",""]
330         end if
331
332         *******CHARGING MODE LOGIC FOR VESSEL-D************************************************************
333         POINT15:
334         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-D CHARGIN","G OPERATION IS ","STARTED",""]
335
336         if  (dscheck(PT[4].#PV,"BAD")==1)     [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-043 I","S IN FAU
            LT CONDI","TION            "]
337         wait until (dscheck(PT[4].#PV,"BAD")==0);time 1,error BOTTOM                ! checking transimitter fault
338
339         if (PT[4].PV>=30.0 | PT[4].PV<2.0)    then
340         %.STATUS[161]=1
341         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-D CHARGIN","G OPERATION IS ","FAILED",""]
342         goto POINT19
343         end if
344
```

```
345         if    (PT[4].PV<30.0 & PT[4].PV>=2.0)    then
346         %.STATUS[162]=1
347
348         XV[14].MODE="AUT"
349         XV[14].CSV=2
350         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-D INLET V","ALVE 25-XV-008 ","OPEN COMMAND ISSUED",""]
351         end if
352
353         wait until (XV[14].PV==2 or %.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0);time 10,error BOTTOM
354         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0) then
355         goto BOTTOM
356         end if
357
358         %.STATUS[163]=1
359         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-D INLET V","ALVE 25-XV-008 ","IS OPENED       ",""]
360
361
362         t[7].PH=%.DLY[7]
363         t[7].OP=TMSTAT
364         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PLEASE WAIT UNTI","L THE VESSEL-D  ","PRESSURE REACHE ","D TO 30 bar      "]
365
366         wait until (PT[4].PV>=30.0 | t[7].BSTS=="CTUP" | %.STATUS[50]==0 | CGHS.MV01==1 or O20XS.PV==0 | GRAD[4].PV==1)
367         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0 ) then
368         goto BOTTOM
369         end if
370
371         if  (GRAD[4].PV==1) then
372         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-D PRESSUR","E GRADIENT IS ZER","O OR -VE GRADIENT","                ",""]
373         end if
374
375         if  (PT[4].PV>=30.0) then
376         %.STATUS[164]=1
377         t[7].OP=TMSTOP
378         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-D PRESSUR","E REACHED TO 30 ","BAR             ",""]
379         end if
380
381         if ((PT[4].PV<30.0 & t[7].BSTS=="CTUP")OR GRAD[4].PV==1)  then
382         %.STATUS[165]=1
383         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-D CHARGIN","G OPERATION IS ","FAILED",""]
384         end if
385
386
387         if (PT[4].PV<30.0) then
388
389         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-D INLET V","ALVE 25-XV-008 ","CLOSE COMMAND ISSUE","D"]
390         end if
391
392
393         XV[14].MODE="AUT"
394         XV[14].CSV=0
395
396         wait until (XV[14].PV==0);time 10,error BOTTOM
397         if         (XV[14].PV==0)     then
398         %.STATUS[166]=1
399         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-D INLET V","ALVE 25-XV-008 ","IS CLOSED       ",""]
400         end if
401
402         *******CHARGING MODE LOGIC FOR VESSEL-E************************************************************
403         POINT19:
404         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-E CHARGIN","G OPERATION IS ","STARTED",""]
405         !Check the pressure in V-25001A:
406         !If 25-PT-046>=30 barg go to POINT23
407         !If 25-PT-046 < 30 and <=2 barg go to below point
408         if  (dscheck(PT[5].#PV,"BAD")==1)     [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-046 I","S IN FAU
            LT CONDI","TION            "]
409         wait until (dscheck(PT[5].#PV,"BAD")==0);time 1,error BOTTOM               ! checking transimitter fault
410
411         if (PT[5].PV>=30.0 | PT[5].PV<2.0)    then
412         %.STATUS[167]=1
413         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-E CHARGIN","G OPERATION IS ","FAILED",""]
414         goto POINT23
415         end if
416
417         if    (PT[5].PV<30.0 & PT[5].PV>=2.0)    then
418         %.STATUS[168]=1
419         !Open the valve 25-XV-017, installed on the inlet line of the V-25001A;
420         XV[17].MODE="AUT"
421         XV[17].CSV=2
422         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-E INLET V","ALVE 25-XV-017 ","OPEN COMMAND ISSUED",""]
423         end if
424         !Time to open 25-XV-017 is 8 sec.
425
426         wait until (XV[17].PV==2 or %.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0);time 10,error BOTTOM
427         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0) then
428         goto BOTTOM
429         end if
430
431         %.STATUS[169]=1
432         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-E INLET V","ALVE 25-XV-017 ","IS CLODED       ",""]
433         !The feedback status is 25-ZSH-004. When feedback status is active proceed with below point.
```

```
434
435         t[8].PH=%.DLY[8]
436         t[8].OP=TMSTAT
437         !Wait (delay TBD sec) until the pressure inside the vessel V-25001A is .30 barg (pressure indication can be taken from 25-PT-046,
            installed on the vessel V-25001A);
438         !If 25-PT-046 >=30 barg go to below point
439         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PLEASE WAIT UNTI","L THE VESSEL-E  ","PRESSURE REACHE ","D TO 30 bar      "]
440
441         wait until (PT[5].PV>=30.0 | t[8].BSTS=="CTUP" | %.STATUS[50]==0 | CGHS.MV01==1 or O20XS.PV==0 | GRAD[5].PV==1)
442         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0) then
443         goto BOTTOM
444         end if
445
446         if  (GRAD[5].PV==1) then
447         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-E PRESSUR","E GRADIENT IS ZER","O OR -VE GRADIENT","                ",""]
448         end if
449
450
451         if  (PT[5].PV>=30.0) then
452         %.STATUS[170]=1
453         t[8].OP=TMSTOP
454         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-E PRESSUR","E REACHED TO 30 ","BAR             ",""]
455         end if
456
457         if ((PT[5].PV<30.0 & t[8].BSTS=="CTUP") OR GRAD[5].PV==1)  then
458         %.STATUS[171]=1
459         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-E CHARGIN","G OPERATION IS ","FAILED",""]
460         end if
461
462         !If 25-PT-046 < 30 barg when timer is expired alert operator with alarm ¡§Process Charging Sequence Vessel A not completed¡¨ and p
            roceed with below point
463
464         if (PT[5].PV<30.0) then
465
466         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-E INLET V","ALVE 25-XV-017 ","CLOSE COMMAND ISSUE","D"]
467         end if
468
469         XV[17].MODE="AUT"
470         XV[17].CSV=0
471
472         wait until (XV[17].PV==0);time 10,error BOTTOM
473         if         (XV[17].PV==0)     then
474         %.STATUS[172]=1
475         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-E INLET V","ALVE 25-XV-017 ","IS CLOSED       ",""]
476         end if
477
478
479         *******CHARGING MODE LOGIC FOR VESSEL-F************************************************************
480         POINT23:
481         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-F CHARGIN","G OPERATION IS ","STARTED",""]
482         !Check the pressure in V-25001F:
483         !If 25-PT-049>=30 barg go to POINT27
484         !If 25-PT-049 < 30 and <=2 barg go to below point
485         if  (dscheck(PT[6].#PV,"BAD")==1)     [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-049 I","S IN FAU
            LT CONDI","TION            "]
486         wait until (dscheck(PT[6].#PV,"BAD")==0);time 1,error BOTTOM                ! checking transimitter fault
487
488         if (PT[6].PV>=30.0 | PT[6].PV<2.0)    then
489         %.STATUS[173]=1
490         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-F CHARGIN","G OPERATION IS ","FAILED",""]
491         goto POINT27
492         end if
493
494         if    (PT[6].PV<30.0 & PT[6].PV>=2.0)    then
495         %.STATUS[174]=1
496         !Open the valve 25-XV-017, installed on the inlet line of the V-25001F;
497         XV[20].MODE="AUT"
498         XV[20].CSV=2
499         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-F INLET V","ALVE 25-XV-017 ","OPEN COMMAND ISSUED",""]
500         end if
501         !Time to open 25-XV-017 is 8 sec.
502         delaycycle 8
503         wait until (XV[20].PV==2 or %.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0)
504         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0) then
505         goto BOTTOM
506         end if
507
508         %.STATUS[175]=1
509         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-F INLET V","ALVE 25-XV-020 ","IS CLODED       ",""]
510         !The feedback status is 25-ZSH-004. When feedback status is active proceed with below point.
511
512         t[9].PH=%.DLY[9]
513         t[9].OP=TMSTAT
514         !Wait (delay TBD sec) until the pressure inside the vessel V-25001F is .30 barg (pressure indication can be taken from 25-PT-049,
            installed on the vessel V-25001F);
515         !If 25-PT-049 >=30 barg go to below point
516         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PLEASE WAIT UNTI","L THE VESSEL-F  ","PRESSURE REACHE ","D TO 30 bar      "]
517
518         wait until (PT[6].PV>=30.0 | t[9].BSTS=="CTUP" | %.STATUS[50]==0 | CGHS.MV01==1 or O20XS.PV==0 | GRAD[6].PV==1)
519         if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0) then
```

```
520        goto BOTTOM
521        end if
522
523        if  (GRAD[6].PV==1) then
524        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-F PRESSUR","E GRADIENT IS ZER","O OR -VE GRADIENT","                ",""]
525        end if
526
527        if  (PT[6].PV>=30.0) then
528        %.STATUS[176]=1
529        t[9].OP=TMSTOP
530        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-F PRESSUR","E REACHED TO 30 ","BAR             ",""]
531        end if
532
533        if ((PT[6].PV<30.0 & t[9].BSTS=="CTUP") OR GRAD[6].PV==1)  then
534        %.STATUS[177]=1
535        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-F CHARGIN","G OPERATION IS ","FAILED",""]
536        end if
537
538        !If 25-PT-049 < 30 barg when timer is expired alert operator with alarm ¡§Process Charging Sequence Vessel A not completed¡¨ and p
           roceed with below point
539
540        if (PT[6].PV<30.0) then
541
542
543        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-F INLET V","ALVE 25-XV-020 ","CLOSE COMMAND ISSUE","D"]
544        end if
545        XV[20].MODE="AUT"
546        XV[20].CSV=0
547        wait until (XV[20].PV==0);time 10,error BOTTOM
548        if         (XV[20].PV==0)     then
549        %.STATUS[178]=1
550        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-F INLET V","ALVE 25-XV-020 ","IS CLOSED       ",""]
551        end if
552        !-------------------------------------------------------------------------------------------------------------------------------
553
554        goto POINT27
555
556        BOTTOM:
557        if (%.STATUS[50]==0 or CGHS.MV01==1 or O20XS.PV==0 OR GRAD[1].PV==1 OR GRAD[2].PV==1 OR GRAD[3].PV==1 OR GRAD[4].PV==1 OR GRAD[5].
           PV==1 OR GRAD[5].PV==1 OR GRAD[6].PV==1) then
558        [XV[4].MODE,XV[8].MODE,XV[11].MODE,XV[14].MODE,XV[17].MODE,XV[20].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
559        delaycycle 5
560        [XV[4].CSV,XV[8].CSV,XV[11].CSV,XV[14].CSV,XV[17].CSV,XV[20].CSV=0,0,0,0,0,0]
561        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="CHARGING SEQUENC","E FAILED DUE TO ","VLV OR TRANSMITT","ER FAULT        "]
562        delaycycle 3
563        end if
564
565        !Time to close the valves is 3 sec
566        !The feedback statuses are 25-ZSL-004/008/011/014/017/020. When all feedback statuses are active proceed with below point.
567
568        wait until  (XV[4].PV==0 & XV[8].PV==0 & XV[11].PV==0 & XV[14].PV==0 & XV[17].PV==0 & XV[20].PV==0)
569
570
571        POINT27:
572        if  (PT[1].PV>=30.0 & PT[2].PV>=30.0  & PT[3].PV>=30.0  & PT[4].PV>=30.0  & PT[5].PV>=30.0  & PT[6].PV>=30.0) then
573        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="  ALL VESSELS AR","E FULLY CHARGED ","",""]
574         INTSW[7].PV=0     ! REMOVING START PERMISSIVE FOR ELECTROLIZER
575        !for i=143 to 178
576        !%.STATUS[i]=0
577        !next@
578        end if
579
580
581        %.APSIND[1]=0                ! FOR GRAPHIC
582
583        for i=4 to 9
584            t[i].OP=TMSTOP
585        next@
586
587        %.CHRG=0               !USED IN RESEACH MODE RESRTRICTION
588
589        if(ENMODE.PV==10)  %.STATUS[50]=0   ! BYPASS ACTUAL PERMISSIVE BIT IN RESEARCH MODE
590
591        if (MODE.PV==10 AND %.TRANSIT==15) %.TRANSIT=13
592        !wait until (MODE.PV<>1 and MODE.PV<>2 and MODE.PV<>3 and MODE.PV<>4 and (MODE.PV<>10 or %.TRANSIT<>15))
593        wait until (MODE.PV<>1 and MODE.PV<>2 and MODE.PV<>3 and MODE.PV<>4)
594
595
596        !_____________________________________________________________________________________________________________________________
597
```

Step Number:24 Comment:DISCHARGING MODE X: 5 Y: 45

```
Line Number   SEBOL Program
   001        for i=181 to 210
   002        %.STATUS[i]=0
   003        next@
   004
```

```
005         %.DISCHRG=1
006
007
008
009         **********Process Discharging Mode************************************
010         !The “Process Discharging mode” is a normal operating mode when at least one of the hydrogen vessel
011         !contains Hydrogen to feed the Fuel Cell package.
012         !A Software push button can activate this logic only in “Research mode” (see par. 3.10)
013         !in all other electrical modes this Software Push button must be disabled so that the
014         !discharging of H2 vessels can only be done in automatic mode.
015         !When the Fuel Cell is required by EMCS to start, the PCS automatically starts the “Discharging Mode” sequence.
016         !Let assume the sequence of the vessel to be discharged is the following:
017         !a. V-25001A,
018         !b. V-25001B,
019         !c. V-25001C,
020         !d. V-25001D,
021         !e. V-25001E,
022         !f. V-25001F,
023         %.STATE="DISCHARGING"
024         *1) Close all XV valves that are installed on the inlet line of each H2 Storage Vessel:
025         !25-XV-004/008/011/014/017/020
026
027         [XV[4].MODE,XV[8].MODE,XV[11].MODE,XV[14].MODE,XV[17].MODE,XV[20].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
028         delaycycle 3
029         [XV[4].CSV,XV[8].CSV,XV[11].CSV,XV[14].CSV,XV[17].CSV,XV[20].CSV=0,0,0,0,0,0]
030         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="CLOSE COMMAND IS","SUED TO ALL     ","INLET VALVES OF ","H2 STRG VESSELS "]
031
032
033         !Time to close the valves is 3 sec
034         !The feedback statuses are 25-ZSL-004/008/011/014/017/020. When all feedback statuses are active proceed with below point.
035
036         wait until  (XV[4].PV==0 & XV[8].PV==0 & XV[11].PV==0 & XV[14].PV==0 & XV[17].PV==0 & XV[20].PV==0);time 10,error BOTTOM
037         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ALL INLET VALVES"," OF H2 STORAGE  ","VESSELS ARE CLOS","ED              "]
038         %.STATUS[351]=1
039         !Close all XV valves that are installed on the outlet line of each H2 Storage Vessel:
040         !25-XV-006/009/012/015/018/021
041
042         [XV[6].MODE,XV[9].MODE,XV[12].MODE,XV[15].MODE,XV[18].MODE,XV[21].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
043         delaycycle 3
044         [XV[6].CSV,XV[9].CSV,XV[12].CSV,XV[15].CSV,XV[18].CSV,XV[21].CSV=0,0,0,0,0,0]
045         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="CLOSE COMMAND IS","SUED TO ALL     "," OUTLET VALVES O","F H2 STRG VESSLS"]
046
047
048         !Time to close the valves is 3 sec
049         !The feedback statuses are 25-ZSL-006/009/012/015/018/021. When all feedback statuses are active proceed with below point.
050
051         wait until  (XV[6].PV==0 & XV[9].PV==0 & XV[12].PV==0 & XV[15].PV==0 & XV[18].PV==0 & XV[21].PV==0);time 10,error BOTTOM
052         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ALL OUTLET VALVE","S OF H2 STORAGE ","VESSELS ARE CLOS","ED              "]
053         %.STATUS[352]=1
054
055         if ( DCHS.MV01==1 ) then
056         goto BOTTOM
057         end if
058         if(ENMODE.PV==10)  %.STATUS[78]=1   ! BYPASS ACTUAL PERMISSIVE BIT IN RESEARCH MODE
059
060         !---------------------------Vessel-A Discharging Sequence-------------------------------------------
061         !Check the pressure in V-25001A:
062         !If 25-PT-035>=30.0 go bellow
063         !If 25-PT-035 <= 4.5 go to point 7
064         !Open the valve 25-XV-006, installed on the outlet line of the V-25001A;
065         !Time to open 25-XV-006 is 8 sec.
066         !The feedback status is 25-ZSH-006. When feedback status is active proceed with below point.
067         !Wait until the pressure inside the vessel V-25001A is . 4.5 barg (pressure indication can be taken from 25-PT-035, installed on t
            he vessel V-25001A);
068         !When 25-PT-035 . 4.5 barg proceed with below point.
069         !Close the 25-XV-006, installed on the outlet line of the V-25001A;
070         !Time to close 25-XV-006 is 3 sec.
071         !The feedback status is 25-ZSL-006. When feedback status is active proceed with below point.
072         if  (dscheck(PT[1].#PV,"BAD") == 1)     then
073            [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-035 I","S IN FAULT CONDI","TION            "]
074         end if
075         wait until (dscheck(PT[1].#PV,"BAD")==0);time 1,error BOTTOM               ! checking transimitter fault
076
077         if (PT[1].PV<=4.5)    then
078         %.STATUS[181]=1
079         goto POINT7
080         end if
081
082         if (PT[1].PV>10.0)  then
083         %.STATUS[182]=1
084         [XV[6].MODE,XV[6].CSV="AUT",2]
085         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-A ","INLET VALVE    ",""]
086
087         wait until (XV[6].PV==2 );time 10,error BOTTOM
088
089         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-A OUTLET ","VALVE IS OPENED ","",""]
090         %.STATUS[183]=1
091         !wait until (PT[1].PV<=10.0 OR %.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0)
092
093         wait until (PT[1].PV<=10.0 OR DCHS.MV01==1 OR O80XS.PV==0)                    ! Export-discharge mode order change 04-07-2025
```

```
094
095
096       !if (%.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0) then
097
098       if (DCHS.MV01==1 OR O80XS.PV==0) then
099       goto BOTTOM
100       end if
101
102       %.STATUS[184]=1
103       [XV[6].MODE,XV[6].CSV="AUT",0]
104       [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="CLOSE COMMAND IS","SUED TO VESSEL-A","OUTLET VALVE   ",""]
105       wait until (XV[6].PV==0 );time 10,error BOTTOM
106
107       [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-A OUTLET ","VALVE IS CLOSED ","",""]
108       %.STATUS[185]=1
109       end if
110
111       !---------------------------Vessel-B Discharging Sequence-------------------------------------------
112       POINT7:
113       if  (dscheck(PT[2].#PV,"BAD") == 1)     then
114          [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-037 I","S IN FAULT CONDI","TION            "]
115       end if
116       wait until (dscheck(PT[2].#PV,"BAD")==0);time 1,error BOTTOM               ! checking transimitter fault
117
118       if (PT[2].PV<=4.5)    then
119       %.STATUS[186]=1
120       goto POINT11
121       end if
122
123       if (PT[2].PV>10.0)  then
124       %.STATUS[187]=1
125       [XV[9].MODE,XV[9].CSV="AUT",2]
126       [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-B ","OUTLET VALVE    ",""]
127
128       wait until (XV[9].PV==2 );time 10,error BOTTOM
129
130       [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-B OUTLET ","VALVE IS OPENED ","",""]
131       %.STATUS[188]=1
132       !wait until (PT[2].PV<=4.5 OR %.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0)
133
134       wait until (PT[2].PV<=10.0  OR DCHS.MV01==1 OR O80XS.PV==0)                    ! Export-discharge mode order change 04-07-2025
135
136
137
138       !if (%.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0) then
139
140       if ( DCHS.MV01==1 OR O80XS.PV==0) then
141       goto BOTTOM
142       end if
143
144
145       %.STATUS[189]=1
146       [XV[9].MODE,XV[9].CSV="AUT",0]
147       wait until (XV[9].PV==0 );time 10,error BOTTOM
148       %.STATUS[190]=1
149       end if
150
151
152       !---------------------------Vessel-C Discharging Sequence-------------------------------------------
153       POINT11:
154       if  (dscheck(PT[3].#PV,"BAD") == 1)     then
155          [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-040 I","S IN FAULT CONDI","TION            "]
156       end if
157       wait until (dscheck(PT[3].#PV,"BAD")==0);time 1,error BOTTOM               ! checking transimitter fault
158
159       if (PT[3].PV<=4.5)    then
160       %.STATUS[191]=1
161       goto POINT15
162       end if
163
164       if (PT[3].PV>10.0)  then
165       %.STATUS[192]=1
166       [XV[12].MODE,XV[12].CSV="AUT",2]
167       [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-C ","OUTLET VALVE    ",""]
168
169       wait until (XV[12].PV==2 );time 10,error BOTTOM
170
171       [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-C OUTLET ","VALVE IS OPENED ","",""]
172       %.STATUS[193]=1
173       !wait until (PT[3].PV<=4.5 OR %.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0)
174
175       wait until (PT[3].PV<=10.0  OR DCHS.MV01==1 OR O80XS.PV==0)                    ! Export-discharge mode order change 04-07-2025
176
177
178
179       !if (%.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0) then
180
181       if (DCHS.MV01==1 OR O80XS.PV==0) then
182       goto BOTTOM
183       end if
```

```
184
185         %.STATUS[194]=1
186         [XV[12].MODE,XV[12].CSV="AUT",0]
187         wait until (XV[12].PV==0 )
188         %.STATUS[195]=1
189         end if
190
191         !---------------------------Vessel-D Discharging Sequence-----------------------------------------
192         POINT15:
193         if  (dscheck(PT[4].#PV,"BAD") == 1)     then
194            [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-043 I","S IN FAULT CONDI","TION            "]
195         end if
196         wait until (dscheck(PT[4].#PV,"BAD")==0);time 1,error BOTTOM               ! checking transimitter fault
197
198         if (PT[4].PV<=4.5)    then
199         %.STATUS[196]=1
200         goto POINT19
201         end if
202
203         if (PT[4].PV>10.0)  then
204         %.STATUS[197]=1
205         [XV[15].MODE,XV[15].CSV="AUT",2]
206         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-D ","OUTLET VALVE    ",""]
207
208         wait until (XV[15].PV==2 );time 10,error BOTTOM
209
210         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-D OUTLET ","VALVE IS OPENED ","",""]
211         %.STATUS[198]=1
212         !wait until (PT[4].PV<=4.5 OR %.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0)
213
214         wait until (PT[4].PV<=10.0 OR DCHS.MV01==1 OR O80XS.PV==0)                    ! Export-discharge mode order change 04-07-2025
215
216
217         !if (%.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0 ) then
218
219         if (DCHS.MV01==1 OR O80XS.PV==0) then
220         goto BOTTOM
221         end if
222
223         %.STATUS[199]=1
224         [XV[15].MODE,XV[15].CSV="AUT",0]
225         wait until (XV[15].PV==0);time 10,error BOTTOM
226
227         %.STATUS[200]=1
228         end if
229
230
231         !---------------------------Vessel-E Discharging Sequence-----------------------------------------
232         POINT19:
233         if  (dscheck(PT[5].#PV,"BAD") == 1)     then
234            [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-046 I","S IN FAULT CONDI","TION            "]
235         end if
236         wait until (dscheck(PT[5].#PV,"BAD")==0);time 1,error BOTTOM               ! checking transimitter fault
237
238         if (PT[5].PV<=4.5)   then
239         %.STATUS[201]=1
240          goto POINT23
241         end if
242
243         if (PT[5].PV>10.0)  then
244         %.STATUS[202]=1
245         [XV[18].MODE,XV[18].CSV="AUT",2]
246         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-E ","OUTLET VALVE    ",""]
247         wait until (XV[18].PV==2);time 10,error BOTTOM
248         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-E OUTLET ","VALVE IS OPENED ","",""]
249         %.STATUS[203]=1
250
251         !wait until (PT[5].PV<=4.5 OR %.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0)
252
253         wait until (PT[5].PV<=10.0 OR DCHS.MV01==1 OR O80XS.PV==0)                    ! Export-discharge mode order change 04-07-2025
254
255         !if (%.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0) then
256
257         if ( DCHS.MV01==1 OR O80XS.PV==0) then
258         goto BOTTOM
259         end if
260
261         %.STATUS[204]=1
262         [XV[18].MODE,XV[18].CSV="AUT",0]
263         wait until (XV[18].PV==0);time 10,error BOTTOM
264         %.STATUS[205]=1
265         end if
266
267         !---------------------------Vessel-F Discharging Sequence-----------------------------------------
268         POINT23:
269         if  (dscheck(PT[6].#PV,"BAD") == 1)     then
270            [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="PRESSURE TRANSMI","TTER 25-PT-049 I","S IN FAULT CONDI","TION            "]
271         end if
272         wait until (dscheck(PT[6].#PV,"BAD")==0);time 10,error BOTTOM              ! checking transimitter fault
273
```

```
274         if (PT[6].PV<=4.5)    then
275         %.STATUS[206]=1
276         goto POINT27
277         end if
278
279         if (PT[6].PV>10.0)  then
280         %.STATUS[207]=1
281         [XV[21].MODE,XV[21].CSV="AUT",2]
282         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-F ","OUTLET VALVE    ",""]
283         wait until (XV[21].PV==2);time 10,error BOTTOM
284         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="VESSEL-F OUTLET ","VALVE IS OPENED ","",""]
285         %.STATUS[208]=1
286
287         !wait until (PT[6].PV<=4.5 OR %.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0)
288
289         wait until (PT[6].PV<=10.0  OR DCHS.MV01==1 OR O80XS.PV==0)                    ! Export-discharge mode order change 04-07-2025
290
291         !if (%.STATUS[78]==0 OR DCHS.MV01==1 OR O80XS.PV==0) then
292
293         if (DCHS.MV01==1 OR O80XS.PV==0) then
294         goto BOTTOM
295         end if
296
297         %.STATUS[209]=1
298         [XV[21].MODE,XV[21].CSV="AUT",0]
299         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="CLOSE COMMAND IS","SUED TO VESSEL-F"," OUTLET VALVE    ",""]
300
301         wait until (XV[21].PV==0);time 10,error BOTTOM
302         %.STATUS[210]=1
303         end if
304
305         !-------------------------------------------------------------------------------------------------
306
307         goto POINT27
308
309         BOTTOM:
310
311         !Close all XV valves that are installed on the outlet line of each H2 Storage Vessel:
312         !25-XV-006/009/012/015/018/021
313         !Remove Fuel Cell Start Permissive
314         [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="DIS CHARGING SEQU","ENCE FAILED DUE ","TO VLV OR TRANSM","ITTER FAULT     "]
315         [XV[6].MODE,XV[9].MODE,XV[12].MODE,XV[15].MODE,XV[18].MODE,XV[21].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
316         delaycycle 5
317         [XV[6].CSV,XV[9].CSV,XV[12].CSV,XV[15].CSV,XV[18].CSV,XV[21].CSV=0,0,0,0,0,0]
318
319         wait until  (XV[6].PV==0 & XV[9].PV==0 & XV[12].PV==0 & XV[15].PV==0 & XV[18].PV==0 & XV[21].PV==0)
320
321         !%.DISCHRG=0
322         !wait until (MODE.PV<>5)
323
324         POINT27:
325         if (PT[1].PV<=4.5 & PT[2].PV<=4.5 & PT[3].PV<=4.5 & PT[4].PV<=4.5 & PT[5].PV<=4.5 & PT[6].PV<=4.5) then
326         %.STATUS[353]=1
327         else
328         %.STATUS[353]=0
329         end if
330         delaycycle 3
331
332         If (t[49].BSTS=="CTUP" | EMGTM01.BSTS=="CTUP")THEN
333         t[49].PH=t[49].PV
334         EMGTM01.OP=TMSTOP
335         INTSW[16].PV=0 ! permissive to start fuel cell removed
336         End if
337
338         %.DISCHRG=0
339
340         if(ENMODE.PV==10)  %.STATUS[78]=0   ! BYPASS ACTUAL PERMISSIVE BIT IN RESEARCH MODE
341         if(MODE.PV<>10 and %.TRANSIT==17)   %.TRANSIT=13
342         !wait until (MODE.PV<>5 and (MODE.PV<>10 or %.TRANSIT<>17))
343         wait until (MODE.PV<>5)
344         for i=181 to 210
345         %.STATUS[i]=0
346         next@
347         %.STATUS[353]=0
```

Step Number:26 Comment:ESD X: 8 Y: 45

```
Line Number   SEBOL Program
   001        If(ESDTRP.PV==1)then
   002        !_____H2 INLET VALVE CLOSE
   003        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ESD-1/ESD/ASD   ","ACTIVE          ","",""]
   004
   005        [XV[4].MODE,XV[8].MODE,XV[11].MODE,XV[14].MODE,XV[17].MODE,XV[20].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
   006        delaycycle 5
   007        [XV[4].CSV,XV[8].CSV,XV[11].CSV,XV[14].CSV,XV[17].CSV,XV[20].CSV=0,0,0,0,0,0]
   008
   009
   010        !Time to close the valves is 3 sec
```

```
011        !The feedback statuses are 25-ZSL-004/008/011/014/017/020. When all feedback statuses are active proceed with below point.
012
013        wait until  (XV[4].PV==0 & XV[8].PV==0 & XV[11].PV==0 & XV[14].PV==0 & XV[17].PV==0 & XV[20].PV==0); TIME 3
014        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ALL VESSELS H2  ","INLET VALVES    ","CLOSED         ",""]
015
016        !_____________________________H2 OUTLET VALVE CLOSE
017        [XV[6].MODE,XV[9].MODE,XV[12].MODE,XV[15].MODE,XV[18].MODE,XV[21].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
018        delaycycle 5
019        [XV[6].CSV,XV[9].CSV,XV[12].CSV,XV[15].CSV,XV[18].CSV,XV[21].CSV=0,0,0,0,0,0]
020        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="CLOSE COMMAND IS","SUED TO ALL     "," OUTLET VALVES O","F H2 STRG VESSLS"]
021
022
023        !Time to close the valves is 3 sec
024        !The feedback statuses are 25-ZSL-006/009/012/015/018/021. When all feedback statuses are active proceed with below point.
025
026        wait until  (XV[6].PV==0 & XV[9].PV==0 & XV[12].PV==0 & XV[15].PV==0 & XV[18].PV==0 & XV[21].PV==0); TIME 3
027        [%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="ALL OUTLET VALVE","S OF H2 STORAGE ","VESSELS ARE CLOS","ED              "]
028
029        end if
030
031        wait until (ESDTRP.PV==0)
```

Plane Detail

Step List

Plane Number: 1 Comment:STOP

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	5	5	STOP				SEBOL				

Transition List

Plane Number: 1 Comment:STOP

X	Y	Comment	Transition Condition

PROJECT:	BLPH-CW1	FILE NAME:	BLPH.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-1-27
STATION:	FCS0101	SAVED DATE:	7/7/2025 3:20:42 AM	COMMENT:			
SECTION:	BLPH	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 1 Comment: STOP

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1																				
2																				
3																				
4																				
5					01	STOP														

SEBOL Statement

Plane Number: 1 Comment:STOP

Step Number: 1 Comment:STOP X: 5 Y: 5

Line Number	SEBOL Program
001	[%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="","","","",""]
002	
003	%.STATE=""
004	!for i=1 to 400
005	!%%.STATUS[i]=0
006	!next@

Plane Detail

Step List

Plane Number: 2 Comment:PAUS

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	7	6	PAUS				SEBOL				

Transition List

Plane Number: 2 Comment:PAUS

X	Y	Comment	Transition Condition

PROJECT:	BLPH-CW1	FILE NAME:	BLPH.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-1-30
STATION:	FCS0101	SAVED DATE:	7/7/2025 3:20:42 AM	COMMENT:			
SECTION:	BLPH	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 2 Comment: PAUS

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1																				
2																				
3																				
4																				
5																				
6						01	PAUS													

SEBOL Statement

Plane Number: 2 Comment:PAUS

Step Number: 1 Comment:PAUS X: 7 Y: 6

Line Number	SEBOL Program
001	!for i=1 to 400
002	!%.STATUS[i]=0
003	!next@

PROJECT:	BLPH-CW1	FILE NAME:	CLDSBMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-2-1
STATION:	FCS0101	SAVED DATE:	7/11/2025 10:00:22 AM	COMMENT:			
SECTION:	CLDSBMON	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	5	6	MONITORING				SEBOL				
2	5	9	PROGRAM				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

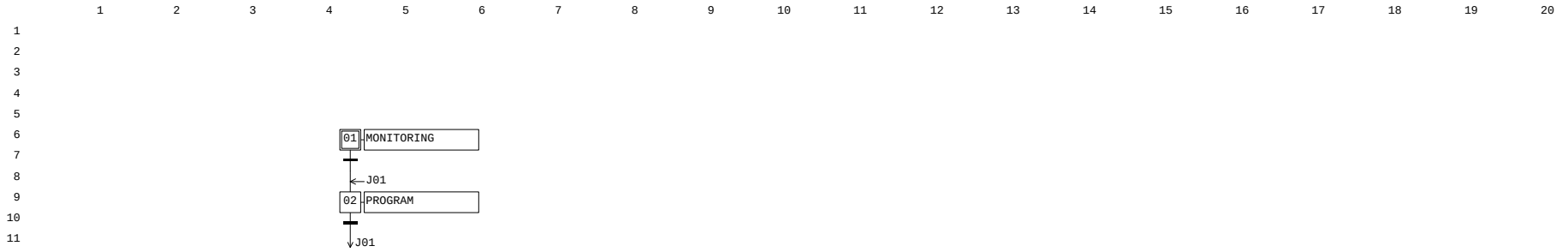
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
5	7		
5	10		

PROJECT:	BLPH-CW1	FILE NAME:	CLDSBMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-2-3
STATION:	FCS0101	SAVED DATE:	7/11/2025 10:00:22 AM	COMMENT:			
SECTION:	CLDSBMON	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:



SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:MONITORING X: 5 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 19 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                    Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME        EXAMPLE              ! Comment
   023
   024        global             genname        PVI              MODE,ENMODE,PMMODE
   025        global             genname        %SW              FLT[1],INTSW[3]
   026        global             genname        _SFCSW           BLPHSEQ
   027        global             genname        TM               TM01
   028
   029
   030
   031        assign           "85XA003TAN"       to          FLT[1]
   032        assign           "87CSTBY-001"      to          INTSW[1]
   033        assign           "87PERM-0001"     to       INTSW[2]               ! START PERMISSIVE FOR FUEL CELL
   034        assign           "87PERM-0002"     to       INTSW[3]               ! START PERMISSIVE FOR ELECTROLYZER
   035        assign           "BLPHSEQ"          to          BLPHSEQ
   036        assign           "87MODE-001"       to          ENMODE
   037        assign           "MODE"             to          MODE
   038        assign           "87MODE-003"       to          PMMODE
   039        assign           "BLPHSEQTM01"      to          TM01
```

Step Number: 2 Comment:PROGRAM X: 5 Y: 9

```
Line Number   SEBOL Program
   001        !From process point of view in the “HOT STANDBY mode” neither the Electrolyser nor the Fuel cells
   002        !is required to run and the logic will do the following:
   003        !EMCS requires PCS to enter in “HOT STAND BY mode”
   004        !BESS NOT FAULT  (85XA-003)
   005        !H2 storage full (check all pressure transmitters on H2 storage tanks are>=20barg):
   006        !25-PT-035
   007        !25-PT-037
   008        !25-PT-040
   009        !25-PT-043
   010        !25-PT-046
   011        !25-PT-049
   012        !PCS sends to EMCS the "Permissive to start" for "HOT STANBY mode"
   013        wait until (ENMODE.PV==6 & MODE.PV==6)
   014
   015        TM01.OP=TMSTAT
   016
   017        while(ENMODE.PV==6 & MODE.PV==6)
   018
   019         if (FLT[1].PV==0) then
   020          BLPHSEQ.STATUS[81]=1
   021         else
   022          BLPHSEQ.STATUS[81]=0
   023         end if
   024
   025         if (BLPHSEQ.STATUS[81]==1)  then
   026          INTSW[1].PV=1
   027          BLPHSEQ.STATUS[82]=1
   028          PMMODE.MV=6
   029         else
   030          INTSW[1].PV=0
   031          BLPHSEQ.STATUS[82]=0
   032         end if
   033        BLPHSEQ.STATE="COLD STANDBY"
   034
   035        if(BLPHSEQ.STATUS[82]==1)  then
   036
   037         INTSW[2].PV = 0
   038         INTSW[3].PV = 0
```

```
039        End if
040        If (MODE.PV==6) PMMODE.MV=0
041
042        wend
043
044        If (MODE.PV==6) PMMODE.MV=0
045
046        while(MODE.PV==6 and BLPHSEQ.STATUS[82]==1 )
047
048         BLPHSEQ.STATE="COLD STANDBY"
049
050         INTSW[2].PV = 0
051         INTSW[3].PV = 0
052
053        wend
054
055
056
057        TM01.OP=TMSTOP
058        TM01.PV=0
```

PROJECT:	BLPH-CW1	FILE NAME:	CONCMNTR.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-3-1
STATION:	FCS0101	SAVED DATE:	12/2/2024 12:31:49 AM	COMMENT:			
SECTION:	CONCMNTR	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
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0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	5	6	CONCURRENT SEQ-2				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

Plane Number: 0 Comment:

X	Y	Comment	Transition Condition

PROJECT:	BLPH-CW1	FILE NAME:	CONCMNTR.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-3-3
STATION:	FCS0101	SAVED DATE:	12/2/2024 12:31:49 AM	COMMENT:			
SECTION:	CONCMNTR	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

1
2
3
4
5
6

01 CONCURRENT SEQ-2

SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:CONCURRENT SEQ-2 X: 5 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :E368782Q00-J11DCSE
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 20 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                            Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                    Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024                       genname         PVI            MODE               ! ELECTROLISER MODE
   025                       genname        _SFCSW          NONEMON            ! NONE MODE
   026                      genname          _SFCSW          MONITOR            ! IDLE MODE
   027
   028        integer a[10],i
   029
   030        ********************************************************************************
   031        *   Assign Variables
   032        ********************************************************************************
   033        assign           "MODE"                to               MODE
   034        assign           "SEQPERM07"           to               NONEMON
   035        assign           "SEQPERM08"           to               MONITOR
   036
   037
   038        while(1)
   039        if (NONEMON.BSTS=="RUN") then
   040            if (NONEMON.STEPNO==5) then
   041               a[1]=5
   042              [a[2],a[3],a[4],a[5],a[6],a[7],a[8],a[9],a[10]=0,0,0,0,0,0,0,0,0]
   043            end if
   044            if (a[1]==5 & MODE.PV<>0) then
   045                NONEMON.BSTS="STOP"
   046            end if
   047
   048
   049            if (NONEMON.BSTS=="STOP") then
   050            delay 2000
   051            NONEMON.BSTS="RUN"
   052            end if
   053            end if
   054
   055
   056
   057            if (MONITOR.BSTS=="RUN") then
   058                if (MONITOR.STEPNO==6 | MONITOR.STEPNO==22) then
   059               a[2]=6
   060              [a[1],a[3],a[4],a[5],a[6],a[7],a[8],a[9],a[10]=0,0,0,0,0,0,0,0,0]
   061            end if
   062                if (a[2]==6 & (MODE.PV<>1 & MODE.PV<>2 & MODE.PV<>3)) then
   063                MONITOR.BSTS="STOP"
   064                end if
   065                end if
   066
   067
   068           if (MONITOR.BSTS=="STOP") then
   069           delay 2000
   070           MONITOR.BSTS="RUN"
   071           end if
   072
   073
   074
   075
   076
   077
   078
   079        for i=1 to 10
   080        a[i]=0
   081        next@
   082
   083        wend
```

084

PROJECT:	BLPH-CW1	FILE NAME:	EMERGMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-4-1
STATION:	FCS0101	SAVED DATE:	7/10/2025 11:41:13 PM	COMMENT:			
SECTION:	EMERGMON	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
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0023					
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0025					
0026					
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0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	7	6	MONITORING				SEBOL				
2	7	9	PROGRAMM				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

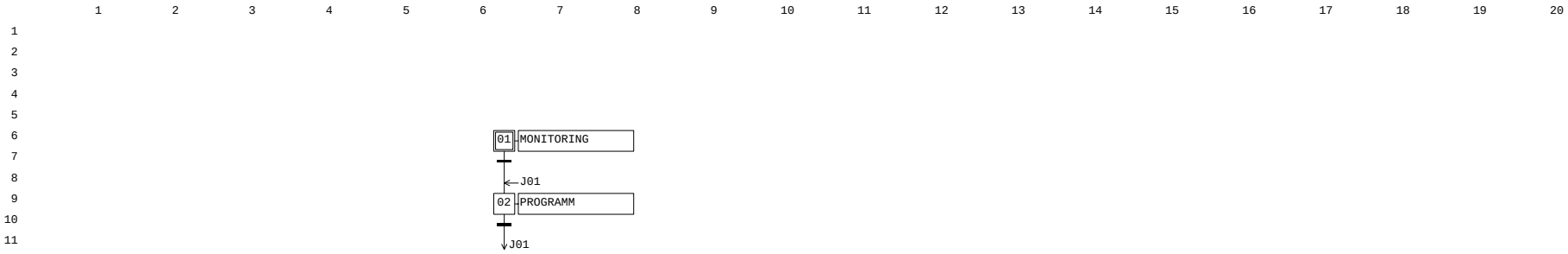
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
7	7		
7	10		

PROJECT:	BLPH-CW1	FILE NAME:	EMERGMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-4-3
STATION:	FCS0101	SAVED DATE:	7/10/2025 11:41:13 PM	COMMENT:			
SECTION:	EMERGMON	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:



SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:MONITORING X: 7 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :E368782Q00-J11DCSE
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 20 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                  Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024        global             genname        PVI             MODE,ENMODE,PMMODE
   025        global             genname        %SW             EMGPM,LDSH_1,LDSH_2
   026        global             genname        %AN             BSSFLT
   027        global             genname        _SFCSW          BLPHSEQ
   028        global             genname        TM              TM01
   029
   030
   031
   032
   033
   034        assign           "87MODE-001"              to               ENMODE
   035        assign           "87MODE-002"              to               MODE
   036        assign           "87MODE-003"              to               PMMODE
   037        assign           "BLPHSEQ"                 to               BLPHSEQ
   038        assign           "85XA003TAN"              to               BSSFLT
   039        assign           "87EMG-001"               to               EMGPM
   040        assign           "87LDSH-001"              to               LDSH_1
   041        assign           "87LDSH-002"              to               LDSH_2
   042        assign           "BLPHSEQTM01"             to               TM01
   043
   044
```

Step Number: 2 Comment:PROGRAMM X: 7 Y: 9

```
Line Number   SEBOL Program
   001        integer i
   002        Wait until (ENMODE.PV==7 & MODE.PV==7)
   003        TM01.OP=TMSTAT
   004
   005
   006
   007        !--------------------------------------BESS NOT FAULT-------------------------------------------------------------------
   008        If (BSSFLT.PV==0)  then
   009         BLPHSEQ.STATUS[91]=1
   010         EMGPM.PV=1
   011         PMMODE.MV=7
   012         BLPHSEQ.STATUS[92]=1
   013        Else
   014         BLPHSEQ.STATUS[91]=0
   015         EMGPM.PV=0
   016        End if
   017
   018        If (MODE.PV==7)       PMMODE.MV=0
   019
   020        If (MODE.PV==7 ) then
   021        Wait until (TM01.BSTS=="CTUP"|MODE.PV<>7)
   022        End if
   023
   024
   025
   026        for i=91 to 111
   027        BLPHSEQ.STATUS[i]=0
   028        TM01.OP=TMSTOP
   029        TM01.PV=0
   030        next@
   031
```

PROJECT:	BLPH-CW1	FILE NAME:	EXPRTMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-5-1
STATION:	FCS0101	SAVED DATE:	7/12/2025 11:16:12 PM	COMMENT:			
SECTION:	EXPRTMON	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	5	6	MONITORING				SEBOL				
2	5	9	PROGRAM				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

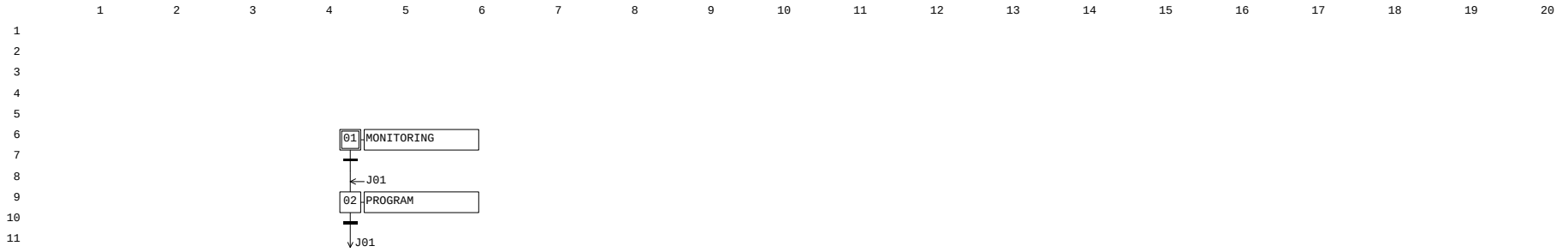
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
5	7		
5	10		

PROJECT:	BLPH-CW1	FILE NAME:	EXPRTMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-5-3
STATION:	FCS0101	SAVED DATE:	7/12/2025 11:16:12 PM	COMMENT:			
SECTION:	EXPRTMON	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:



SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:MONITORING X: 5 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 19 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                  Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE                              ! Comment
   023
   024        global             genname        SIO-21          O25BDV[25]
   025        global             genname        SIO-21          O25SDV[23]
   026        global             genname        SIO-21          O64SDV[1]
   027        global             genname        SIO-21          O25XV[25]
   028        global             genname        SIO-21E         XV[23]                    ! ON/OFF VALVES
   029        global             genname        SIO-21          O80XV[1]
   030        global             genname        %AN             O63XA[10]
   031        global             genname        %AN             O64XA[10]
   032        global             genname        %AN             O20XA[3]
   033        global             genname        %AN             O50XA[3]
   034        global             genname        %AN             O85XA,O80XA                          !BESS FAULT
   035        global             genname        PVI             O63PT[10]
   036        global             genname        PVI             O64PT[5]
   037        global             genname        PVI             O25PT[6]
   038        global             genname        PVI             SS[2],MODE,ENMODE,PMMODE          !SUBSYSTEM SIGNALS
   039        global             genname        %SW             INTSW[4]
   040        global             genname        _SFCSW          BLPH
   041        global             genname        PID             PIC[2]                            ! PRESSURE CONTROLLER
   042        global             genname        AS-M            PICT[2]                           ! PRESSURE CONTROLLER FORCE CLOSE TRANSFER
              SWITCH
   043        global             genname        %SW             PVZSL[2]                  !CLOSED LIMIT SWITCHES
   044        global             genname        MC-2E           SWP[2]
   045        global             genname        DSET            PRSP[2]
   046        global             genname        TM              t[1],TM01
   047        global             genname        %WB             FCPM
   048        global              genname       MLD                 PICMLD[2]
   049
   050        assign          "BLPHSEQ"          to       BLPH
   051        assign          "25BDV-005"        to       O25BDV[5]
   052        assign          "25BDV-007"        to       O25BDV[7]
   053        assign          "25BDV-010"        to       O25BDV[10]
   054        assign          "25BDV-013"        to       O25BDV[13]
   055        assign          "25BDV-016"        to       O25BDV[16]
   056        assign          "25BDV-019"        to       O25BDV[19]
   057        assign          "25BDV-022"        to       O25BDV[22]
   058
   059
   060        assign          "25SDV-001"        to       O25SDV[1]
   061        assign          "25SDV-023"        to       O25SDV[23]
   062        assign          "64SDV-001"        to       O64SDV[1]
   063
   064
   065        assign          "25XV-024"         to       O25XV[24]
   066        assign          "80XV-001"         to       O80XV[1]
   067
   068
   069        assign          "63PI-003"         to       O63PT[1]
   070        assign          "64PI-031A"        to       O64PT[1]
   071        assign          "64PI-031B"        to       O64PT[2]
   072
   073
   074        assign          "25PI-035"         to       O25PT[1]
   075        assign          "25PI-037"         to       O25PT[2]
   076        assign          "25PI-040"         to       O25PT[3]
   077        assign          "25PI-043"         to       O25PT[4]
   078        assign          "25PI-046"         to       O25PT[5]
   079        assign          "25PI-049"         to       O25PT[6]
   080
   081
   082        assign          "80UI-0043"        to       SS[1]
```

```
   083        assign          "87UI-004"       to       SS[2]
   084        assign          "87MODE-002"      to       MODE
   085        assign          "87MODE-001"      to       ENMODE
   086        assign          "87MODE-003"      to       PMMODE
   087
   088        assign          "20XA003TAN"      to       O20XA[3]
   089        assign          "50XA003TAN"      to       O50XA[3]
   090        assign          "50XA003TAN"      to       O50XA[3]
   091        assign          "63XA003TAN"      to       O63XA[3]
   092        assign          "64XA003TAN"      to       O64XA[3]
   093
   094
   095
   096        assign          "85XA003TAN"      to       O85XA
   097        assign          "80XA003TAN"      to       O80XA
   098
   099        assign          "P-50001ACMFL"    to       INTSW[1]
   100        assign          "P-50001BCMFL"    to       INTSW[2]
   101        assign          "WTPRNFB"         to       INTSW[3]     !WTP RUNNING (DUMMY)
   102        assign          "87EXP-001"       to       INTSW[4]
   103
   104        assign          "25ZSL-055A"      to       PVZSL[1]
   105        assign          "25ZSL-055B"      to       PVZSL[2]
   106
   107        assign          "P-50001A"        to       SWP[1]
   108        assign          "P-50001B"        to       SWP[2]
   109
   110        assign          "25PIC-055"       to       PIC[1]
   111        assign          "25PIC-055B"      to       PIC[2]
   112
   113        assign          "25PY-055A"       to       PICMLD[1]
   114        assign          "25PY-055B"       to       PICMLD[2]
   115
   116        assign          "25PIC055A-ASM01"    to       PICT[1]
   117        assign          "25PIC055B-ASM01"    to       PICT[2]
   118
   119        assign          "25PIC55-DS1"     to       PRSP[1]
   120        assign          "25PIC55-DS2"     to       PRSP[2]
   121
   122        assign          "BLPHSEQT48"      to       t[1]
   123        assign          "BLPHSEQTM01"     to       TM01
   124        assign          "87PERM-0001"     to       FCPM
   125
   126        assign          "25XV-006"        to       XV[6]
   127        assign          "25XV-009"        to       XV[9]
   128        assign          "25XV-012"        to       XV[12]
   129        assign          "25XV-015"        to       XV[15]
   130        assign          "25XV-018"        to       XV[18]
   131        assign          "25XV-021"        to       XV[21]
   132
   133


Step Number: 2     Comment:PROGRAM                                                X:  5  Y:  9

Line Number   SEBOL Program
   001        float PRS[20]
   002        integer i,k
   003        FCPM.PV=0
   004        k=0
   005        wait until  (ENMODE.PV==5)
   006        !repeat
   007        delay 6000
   008        INIT:
   009        if (TM01.BSTS=="CTUP" & BLPH.STATUS[78]==0)  then
   010        goto TRMNT
   011        end if
   012
   013        while((ENMODE.PV==5) and (MODE.PV<>5))
   014        if (k==0) then
   015        TM01.OP=TMSTAT
   016        k=1
   017        end if
   018        ************************************************PROCESS Healthy*************************************************************
   019
   020        !-------------------------------------BESS NOT FAULT-------------------------------------------------------------------
   021
   022        if (O85XA.PV==1)  then
   023        BLPH.STATUS[61]=0
   024        else
   025        BLPH.STATUS[61]=1
   026        end if
   027        if  (BLPH.STATUS[61]==0)  goto TRMNT
   028
   029
   030        !---All BDV valves in closed position, the feedback statuses are 25-ZSL-005/007/010/013/016/019/022.--------------------
   031
   032
   033        if (O25BDV[5].PV==2 & O25BDV[7].PV==2 & O25BDV[10].PV==2 & O25BDV[13].PV==2 & O25BDV[16].PV==2 & O25BDV[19].PV==2 & O25BDV[22].PV=
```

```
=2) then
034       BLPH.STATUS[62]=1
035       else
036       BLPH.STATUS[62]=0
037       end if
038       if  (BLPH.STATUS[62]==0)   goto INIT
039       !---Shutdown valves 25-SDV-001 and 25-SDV-023 in open position, the feedback statuses are 25-ZSH-001 and 25-ZSH-023.-----
040
041       if (O25SDV[1].PV==2 & O25SDV[23].PV==2)  then
042       BLPH.STATUS[63]=1
043       else
044       BLPH.STATUS[63]=0
045       end if
046       if  (BLPH.STATUS[63]==0)   goto INIT
047
048
049       !-----------------Shutdown valve 64-SDV-001 in closed position, the feedback status is 64-ZSL-001.----------------------
050
051       if (O64SDV[1].PV==0)  then
052       BLPH.STATUS[64]=1
053       else
054       BLPH.STATUS[64]=0
055       end if
056       if  (BLPH.STATUS[64]==0)   goto INIT
057       !----On-Off valves 25-XV-024 and 80-XV-001 in closed position, the feedback statuses are 25-ZSL-024 and 80-ZSL-001.---------
058       [O25XV[24].MODE,O80XV[1].MODE="AUT","AUT"]
059       [O25XV[24].CSV,O80XV[1].CSV=0,0]
060       if (O25XV[24].PV==0 & O80XV[1].PV==0)   then
061       BLPH.STATUS[65]=1
062       else
063       BLPH.STATUS[65]=0
064       end if
065       if  (BLPH.STATUS[65]==0)   goto INIT
066
067       !-------------------------Air system Healthy State:-------------------------------------------------------------------------
068       *1)Instrument Air packages NOT FAULT
069       *2)Pressure transmitter outlet from IA package 63-PT-003>=7 barg
070
071       PRS[1]=(O63PT[1].PV*(dscheck(O63PT[1].#PV,"BAD")==0))
072       if (O63XA[3].PV==0)    then
073       BLPH.STATUS[66]=1
074       else
075       BLPH.STATUS[66]=0
076       end if
077       if  (BLPH.STATUS[66]==0)   goto INIT
078
079       if (O63XA[3].PV==0 & PRS[1]>=4.5) then
080       BLPH.STATUS[67]=1
081       else
082       BLPH.STATUS[67]=0
083       end if
084       if  (BLPH.STATUS[67]==0)   goto INIT
085
086       !------------------------N2 system Healthy State:--------------------------------------------------------------------------
087       *1) Nitrogen packages NOT FAULT
088       *2) Pressure transmitters outlet from Nitrogen package 64-PT-031A>=7 barg or 64-PT-031B>=7 barg.
089
090       PRS[2]=(O64PT[1].PV*(dscheck(O64PT[1].#PV,"BAD")==0))
091       PRS[3]=(O64PT[2].PV*(dscheck(O64PT[2].#PV,"BAD")==0))
092       if (O64XA[3].PV==0)    then
093       BLPH.STATUS[68]=1
094       else
095       BLPH.STATUS[68]=0
096       end if
097
098       if  (BLPH.STATUS[68]==0)   goto INIT
099
100       if (O64XA[3].PV==0 & (PRS[2]>=4.0 | PRS[3]>=4.0)) then
101       BLPH.STATUS[69]=1
102       else
103       BLPH.STATUS[69]=0
104       end if
105       if  (BLPH.STATUS[69]==0)   goto INIT
106
107       !---------------H2 storage not full (check at least one pressure transmitter on H2 storage vessels is > 20 barg):--------------
108       !---------------Rev01 H2 storage not full (check at least one pressure transmitter on H2 storage vessels is > 10 barg):-----------
109       *1) 25-PT-035
110       *2) 25-PT-037
111       *3) 25-PT-040
112       *4) 25-PT-043
113       *5) 25-PT-046
114       *6) 25-PT-049
115
116       if ((dscheck(O25PT[1].#PV,"BAD")==0) & (O25PT[1].PV>=10.0) | (dscheck(O25PT[2].#PV,"BAD")==0) & (O25PT[2].PV>=10.0)\
117                     | (dscheck(O25PT[3].#PV,"BAD")==0) & (O25PT[3].PV>=10.0) | (dscheck(O25PT[4].#PV,"BAD")==0) & (O25PT[4].PV>=10.0)\
118                     | (dscheck(O25PT[5].#PV,"BAD")==0) & (O25PT[5].PV>=10.0) | (dscheck(O25PT[6].#PV,"BAD")==0) & (O25PT[6].PV>=10.0))
   then
119                   BLPH.STATUS[70]=1
120                   INTSW[4].PV=1
121
```

```
122         else
123                       BLPH.STATUS[70]=0
124                       INTSW[4].PV=0
125         end if
126         if  (BLPH.STATUS[70]==0)   goto INIT
127
128
129         if (BLPH.STATUS[62]==1 & BLPH.STATUS[63]==1 & BLPH.STATUS[64]==1 & BLPH.STATUS[65]==1 & BLPH.STATUS[66]==1\
130              & BLPH.STATUS[67]==1 & BLPH.STATUS[68]==1 & BLPH.STATUS[69]==1 & BLPH.STATUS[70]==1 ) then
131                 PMMODE.MV=5
132                 BLPH.STATUS[77]=1
133         end if
134
135
136         !if (BLPH.STATUS[77]==1)  then
137         !t[1].OP=TMSTAT
138         !end if
139
140         !wait until (t[1].BSTS=="CTUP")
141
142         wait until(BLPH.DISCHRG==1)
143         t[1].PH= BLPH.DLY[48]
144         t[1].OP=TMSTAT
145
146
147
148
149         !FORCCE CLOSE OF 25-PV-055A/B
150
151         ![PIC[1].MODE,PICT[1].MODE,PICT[1].SW="AUT","AUT",2]
152         !PIC[2].MODE = "AUT"
153         ![PICT[2].MODE,PICT[2].SW="AUT",2]
154
155         !Revised logic given by RM-24/06/25
156
157         PICMLD[1].MODE = "AUT"
158
159         PIC[1].PSW = 1                                                          ! 25PIC-055 Controller in Manual And Output to 0%
160
161         PICMLD[2].PSW = 1                                                       ! 25PY-055B Manually closed to 0 %
162
163         wait until  (PVZSL[1].PV==1 & PVZSL[2].PV==1)
164
165         if (PVZSL[1].PV==1 & PVZSL[2].PV==1) then
166         BLPH.STATUS[71]=1
167         else
168         BLPH.STATUS[71]=0
169         end if
170         if    (BLPH.STATUS[71]==0)    goto INIT
171
172         !---------------Water system Treatment NOT RUNNING-----------------------------------------------------------------
173
174
175         !if (INTSW[3].PV==0) then       !DUMMY
176         !BLPH.STATUS[72]=1
177         !else
178         !BLPH.STATUS[72]=0
179         !end if
180         !if    (BLPH.STATUS[72]==0)    goto INIT
181
182         !---------------Sea Water pump NOT RUNNING-------------------------------------------------------------------------
183
184         !if (SWP[1].PV==0 & SWP[1].PV==0) then
185         !BLPH.STATUS[73]=1
186         !else
187         !BLPH.STATUS[73]=0
188         !end if
189         !if    (BLPH.STATUS[73]==0)    goto INIT
190
191
192         !---------------Electrolyser NOT RUNNING---------------------------------------------------------------------------
193
194         if (SS[2].PV<>4 AND SS[2].PV<>14) then
195         BLPH.STATUS[74]=1
196         else
197         BLPH.STATUS[74]=0
198         end if
199         if    (BLPH.STATUS[74]==0)    goto INIT
200
201         !---------------Fuel Cell NOT FAULT--------------------------------------------------------------------------------
202
203
204         if (O80XA.PV==0) then
205         BLPH.STATUS[75]=1
206         else
207         BLPH.STATUS[75]=0
208         end if
209         if    (BLPH.STATUS[75]==0)    goto INIT
210
211         !-------PRESSURE STE TO 6.5 BAR---------------
```

```
212
213
214         ![PIC[1].MODE,PICT[1].MODE,PICT[1].SW="AUT","AUT",1]
215
216         PICMLD[2].PMV = 15.0
217         PICMLD[2].PSW = 3
218         wait until (PIC[1].PV >= 6.9)
219         PICMLD[2].PSW = 1
220
221         delaycycle 2
222
223         !PRSP[1].SV =6.5
224         PIC[1].MODE = "CAS"
225
226         !PRSP[2].SV =6.5
227         !PIC[2].MODE = "AUT"
228         ![PICT[2].MODE,PICT[2].SW="AUT",1]
229         BLPH.STATUS[76]=1
230
231
232
233
234         if (BLPH.STATUS[61]==1 & BLPH.STATUS[62]==1 & BLPH.STATUS[63]==1 & BLPH.STATUS[64]==1 & BLPH.STATUS[65]==1 & BLPH.STATUS[66]==1\
235              & BLPH.STATUS[67]==1 & BLPH.STATUS[68]==1 & BLPH.STATUS[69]==1 & BLPH.STATUS[70]==1 & BLPH.STATUS[71]==1\
236               & BLPH.STATUS[74]==1 & BLPH.STATUS[75]==1 & BLPH.STATUS[76]==1 & BLPH.DISCHRG==1) then
237
238               BLPH.STATUS[78]=1
239         !      PMMODE.MV=5
240                FCPM.PV=1
241            else
242         !      BLPH.STATUS[50]=0
243               BLPH.STATUS[78]=0
244         end if
245         wend
246
247         *if (MODE.PV==5)    PMMODE.MV=0
248         !t[1].OP=TMSTOP
249         !until (BLPH.STATUS[78]==1)
250         !_____________________________________________________________________________________________________________________
            _____________________________________________________
251         !PCS will stop the sequence “Process Discharging mode” for H2 storage Vessels
252         !Put both controllers 25-PIC-055A/B in Auto mode and force the output to 0%.
253         !Time to close the valves is 15 sec
254         !The feedback statuses are 25-ZSL-055A and 25-ZSL-055B.
255
256
257         while(MODE.PV==5 and BLPH.STATUS[78]==1)
258
259         !--------------------------------------BESS NOT FAULT-------------------------------------------------------------------
260
261         if (O85XA.PV==1)  then
262         BLPH.STATUS[61]=0
263         else
264         BLPH.STATUS[61]=1
265         end if
266
267
268         !---All BDV valves in closed position, the feedback statuses are 25-ZSL-005/007/010/013/016/019/022.--------------------
269
270         if (O25BDV[5].PV==2 & O25BDV[7].PV==2 & O25BDV[10].PV==2 & O25BDV[13].PV==2 & O25BDV[16].PV==2 & O25BDV[19].PV==2 & O25BDV[22].PV=
            =2) then
271         BLPH.STATUS[62]=1
272         else
273         BLPH.STATUS[62]=0
274         end if
275         !if  (BLPH.STATUS[62]==0)   goto INIT
276         !---Shutdown valves 25-SDV-001 and 25-SDV-023 in open position, the feedback statuses are 25-ZSH-001 and 25-ZSH-023.-----
277
278         !if (O25SDV[1].PV==2 & O25SDV[23].PV==2)  then
279         !BLPH.STATUS[63]=1
280         !else
281         !BLPH.STATUS[63]=0
282         !end if
283         !if  (BLPH.STATUS[63]==0)   goto INIT
284         !-----------------Shutdown valve 64-SDV-001 in closed position, the feedback status is 64-ZSL-001.----------------------
285
286         if (O64SDV[1].PV==0)  then
287         BLPH.STATUS[64]=1
288         else
289         BLPH.STATUS[64]=0
290         end if
291         !if  (BLPH.STATUS[64]==0)   goto INIT
292         !----On-Off valves 25-XV-024 and 80-XV-001 in closed position, the feedback statuses are 25-ZSL-024 and 80-ZSL-001.---------
293         ![O25XV[24].MODE,O80XV[1].MODE="AUT","AUT"]
294         ![O25XV[24].CSV,O80XV[1].CSV=0,0]
295         !if (O25XV[24].PV==0 & O80XV[1].PV==0)   then
296
297         O25XV[24].MODE="AUT"
298         O25XV[24].CSV=0
299         if (O25XV[24].PV==0 )   then
```

```
300         BLPH.STATUS[65]=1
301         else
302         BLPH.STATUS[65]=0
303         end if
304         !if  (BLPH.STATUS[65]==0)   goto INIT
305         !-------------------------Air system Healthy State:-------------------------------------------------------------------------
306         *1)Instrument Air packages NOT FAULT
307         *2)Pressure transmitter outlet from IA package 63-PT-003>=7 barg
308
309         PRS[1]=(O63PT[1].PV*(dscheck(O63PT[1].#PV,"BAD")==0))
310         if (O63XA[3].PV==0)    then
311         BLPH.STATUS[66]=1
312         else
313         BLPH.STATUS[66]=0
314         end if
315         !if  (BLPH.STATUS[66]==0)   goto INIT
316
317         if (O63XA[3].PV==0 & PRS[1]>=4.5) then
318         BLPH.STATUS[67]=1
319         else
320         BLPH.STATUS[67]=0
321         end if
322         !if  (BLPH.STATUS[67]==0)   goto INIT
323         !-------------------------N2 system Healthy State:--------------------------------------------------------------------------
324         *1) Nitrogen packages NOT FAULT
325         *2) Pressure transmitters outlet from Nitrogen package 64-PT-031A>=7 barg or 64-PT-031B>=7 barg.
326
327         PRS[2]=(O64PT[1].PV*(dscheck(O64PT[1].#PV,"BAD")==0))
328         PRS[3]=(O64PT[2].PV*(dscheck(O64PT[2].#PV,"BAD")==0))
329         if (O64XA[3].PV==0)    then
330         BLPH.STATUS[68]=1
331         else
332         BLPH.STATUS[68]=0
333         end if
334
335         !if  (BLPH.STATUS[68]==0)   goto INIT
336
337         if (O64XA[3].PV==0 & (PRS[2]>=4.0 | PRS[3]>=4.0)) then
338         BLPH.STATUS[69]=1
339         else
340         BLPH.STATUS[69]=0
341         end if
342         !if  (BLPH.STATUS[69]==0)   goto INIT
343
344         !---------------H2 storage not full (check at least one pressure transmitter on H2 storage vessels is > 20 barg):--------------
345         *1) 25-PT-035
346         *2) 25-PT-037
347         *3) 25-PT-040
348         *4) 25-PT-043
349         *5) 25-PT-046
350         *6) 25-PT-049
351
352         !if ((dscheck(O25PT[1].#PV,"BAD")==0) & (O25PT[1].PV>=10.0) | (dscheck(O25PT[2].#PV,"BAD")==0) & (O25PT[2].PV>=20.0)\
353         !               | (dscheck(O25PT[3].#PV,"BAD")==0) & (O25PT[3].PV>=20.0) | (dscheck(O25PT[4].#PV,"BAD")==0) & (O25PT[4].PV>=20.0)
            \
354         !               | (dscheck(O25PT[5].#PV,"BAD")==0) & (O25PT[5].PV>=20.0) | (dscheck(O25PT[6].#PV,"BAD")==0) & (O25PT[6].PV>=20.0)
            )   then
355         !               BLPH.STATUS[70]=1
356         !               INTSW[4].PV=1
357
358         !else
359         !               BLPH.STATUS[70]=0
360         !               INTSW[4].PV=0
361         !end if
362         !if  (BLPH.STATUS[70]==0)   goto INIT
363
364         !FORCCE CLOSE OF 25-PV-055A/B
365
366         ![PIC[1].MODE,PICT[1].MODE,PICT[1].SW="AUT","AUT",2]
367         !PIC[2].MODE = "AUT"
368         ![PICT[2].MODE,PICT[2].SW="AUT",2]
369
370
371         !Revised logic given by RM-24/06/25
372
373         !PICMLD[1].MODE = "AUT"
374
375         !PIC[1].PSW = 1                                                          ! 25PIC-055 Controller in Manual And Output to 0%
376
377         !PICMLD[2].PSW = 1                                                       ! 25PY-055B Manually closed to 0 %
378
379         !wait until  ((PVZSL[1].PV==1 & PVZSL[2].PV==1))
380         !if (PVZSL[1].PV==1 & PVZSL[2].PV==1) then
381         !BLPH.STATUS[71]=1
382         !else
383         !BLPH.STATUS[71]=0
384         !end if
385         !if    (BLPH.STATUS[71]==0)    goto INIT
386
387         !Water system Treatment NOT RUNNING
```

```
388         !if (INTSW[3].PV==0) then       !DUMMY
389         !BLPH.STATUS[72]=1
390         !else
391         !BLPH.STATUS[72]=0
392         !end if
393         !if    (BLPH.STATUS[72]==0)    goto INIT
394
395         !Sea water Pumps NOT RUNNING
396         !if (SWP[1].PV==0 & SWP[1].PV==0) then
397         !BLPH.STATUS[73]=1
398         !else
399         !BLPH.STATUS[73]=0
400         !end if
401         !if    (BLPH.STATUS[73]==0)    goto INIT
402
403         !Electrolyser NOT RUNNING
404         if (SS[2].PV<>4 AND SS[2].PV<>14) then
405         BLPH.STATUS[74]=1
406         else
407         BLPH.STATUS[74]=0
408         end if
409         !if    (BLPH.STATUS[74]==0)    goto INIT
410
411         !Fuel Cell NOT FAULT
412         if (O80XA.PV==0) then
413         BLPH.STATUS[75]=1
414         else
415         BLPH.STATUS[75]=0
416         end if
417         !if    (BLPH.STATUS[75]==0)    goto INIT
418
419         !-------PRESSURE STE TO 6.5 BAR---------------
420         ![PIC[1].MODE,PICT[1].MODE,PICT[1].SW="AUT","AUT",1]
421         !PRSP[1].SV =6.5
422         !PIC[1].MODE="CAS"
423
424         !PRSP[2].SV =6.5
425         !PIC[2].MODE = "AUT"
426         ![PICT[2].MODE,PICT[2].SW="AUT",1]
427         !BLPH.STATUS[76]=1
428
429         !if (BLPH.STATUS[62]==1 & BLPH.STATUS[63]==1 & BLPH.STATUS[64]==1 & BLPH.STATUS[65]==1 & BLPH.STATUS[66]==1\
430         !     & BLPH.STATUS[67]==1 & BLPH.STATUS[68]==1 & BLPH.STATUS[69]==1 & BLPH.STATUS[70]==1 & BLPH.STATUS[70]==1& BLPH.STATUS[71]==1
            \
431         !     & BLPH.STATUS[72]==1 & BLPH.STATUS[73]==1 & BLPH.STATUS[74]==1 & BLPH.STATUS[75]==1 & BLPH.STATUS[76]==1) then
432         !       PMMODE.MV=5
433
434         !end if
435
436         !if (BLPH.STATUS[77]==0)  then
437         !t[1].OP=TMSTAT
438         !BLPH.STATUS[77]=1
439         !end if
440
441         !wait until (t[1].BSTS=="CTUP")
442
443
444         if (BLPH.STATUS[62]==1 &  BLPH.STATUS[64]==1 & BLPH.STATUS[65]==1 & BLPH.STATUS[66]==1\
445              & BLPH.STATUS[67]==1 & BLPH.STATUS[68]==1 & BLPH.STATUS[69]==1 \
446              & BLPH.STATUS[74]==1 & BLPH.STATUS[75]==1 & BLPH.STATUS[76]==1 ) then
447         !    BLPH.STATUS[78]=1
448                BLPH.STATUS[78]=1
449         !       PMMODE.MV=5
450         !       FCPM.PV=1
451            else
452         !       BLPH.STATUS[50]=0
453                BLPH.STATUS[78]=0
454                FCPM.PV=0
455         end if
456         wend
457
458         !_____________________________________________________________________________________________________________
            ____________________
459
460
461         TRMNT:
462
463
464
465         !FORCCE CLOSE OF 25-PV-055A/B
466
467         ![PIC[1].MODE,PICT[1].MODE,PICT[1].SW="AUT","AUT",2]
468         !PIC[2].MODE = "AUT"
469         ![PICT[2].MODE,PICT[2].SW="AUT",2]
470
471         !Revised logic given by RM-24/06/25
472
473         PICMLD[1].MODE = "AUT"
474
475         PIC[1].PSW = 1                                                    ! 25PIC-055 Controller in Manual And Output to 0%
```

```
476
477         PICMLD[2].PSW = 1                                                    ! 25PY-055B Manually closed to 0 %
478
479         wait until  ((PVZSL[1].PV==1 & PVZSL[2].PV==1))
480
481         t[1].OP=TMSTOP
482         TM01.OP=TMSTOP
483
484         if(ENMODE.PV==5 and BLPH.STATUS[77]==0)then
485         Wait until(ENMODE.PV<>5)
486         end if
487
488         For i=61 to 78
489         BLPH.STATUS[i]=0
490         next@
491
492
493         Wait until(ENMODE.PV==5)
494
495         !goto INIT
```

PROJECT:	BLPH-CW1	FILE NAME:	HOTSBMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-6-1
STATION:	FCS0101	SAVED DATE:	7/9/2025 4:17:30 AM	COMMENT:			
SECTION:	HOTSBMON	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	6	6	MONITORING				SEBOL				
2	6	9	PROGRAMM				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

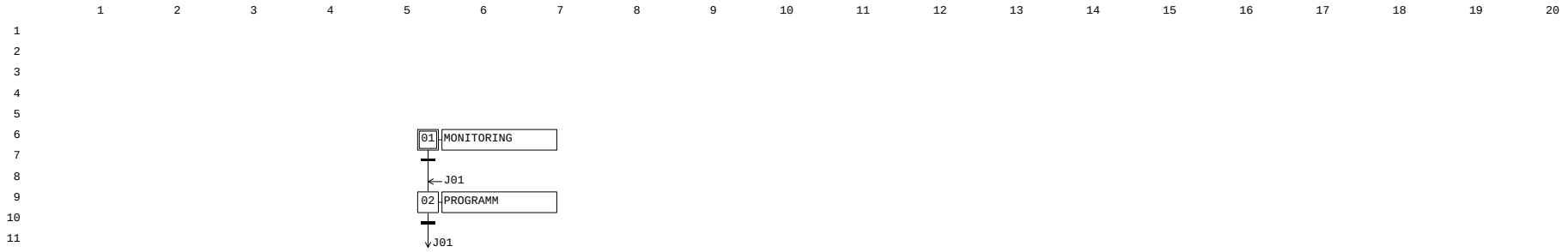
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
6	7		
6	10		

PROJECT:	BLPH-CW1	FILE NAME:	HOTSBMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-6-3
STATION:	FCS0101	SAVED DATE:	7/9/2025 4:17:30 AM	COMMENT:			
SECTION:	HOTSBMON	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:



SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:MONITORING X: 6 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :E368782Q00-J11DCSE
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 20 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                  Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024        global             genname        PVI             MODE,ENMODE,PMMODE,PT[6]
   025        global             genname        %SW             FLT[1],INTSW[1]
   026        global             genname        _SFCSW          BLPHSEQ
   027        global             genname        TM              TM01
   028
   029        assign           "20XA003TAN"         to               FLT[1]
   030        assign           "87HSTBY-001"        to               INTSW[1]
   031        assign           "25PI-035"           to               PT[1]
   032        assign           "25PI-037"           to               PT[2]
   033        assign           "25PI-040"           to               PT[3]
   034        assign           "25PI-043"           to               PT[4]
   035        assign           "25PI-046"           to               PT[5]
   036        assign           "25PI-049"           to               PT[6]
   037        assign           "87MODE-001"         to               ENMODE
   038        assign           "MODE"               to               MODE
   039        assign           "87MODE-003"         to               PMMODE
   040        assign           "BLPHSEQ"            to               BLPHSEQ
   041        assign           "BLPHSEQTM01"        to               TM01
```

Step Number: 2 Comment:PROGRAMM X: 6 Y: 9

```
Line Number   SEBOL Program
   001        !From process point of view in the “HOT STANDBY mode” neither the Electrolyser nor the Fuel cells
   002        !is required to run and the logic will do the following:
   003        !EMCS requires PCS to enter in “HOT STAND BY mode”
   004        !BESS NOT FAULT  (85XA-003)
   005        !H2 storage full (check all pressure transmitters on H2 storage tanks are>=20barg):
   006        !25-PT-035
   007        !25-PT-037
   008        !25-PT-040
   009        !25-PT-043
   010        !25-PT-046
   011        !25-PT-049
   012        !PCS sends to EMCS the "Permissive to start" for "HOT STANBY mode"
   013        wait until (ENMODE.PV==4 & MODE.PV<>4)
   014        BLPHSEQ.STATE="HOT STANDBY"
   015        TM01.OP=TMSTAT
   016        repeat
   017        if (FLT[1].PV==0) then
   018        BLPHSEQ.STATUS[51]=1
   019        else
   020        BLPHSEQ.STATUS[51]=0
   021        end if
   022
   023        if ((dscheck(PT[1].#PV,"BAD")==0) & (dscheck(PT[2].#PV,"BAD")==0)  & (dscheck(PT[3].#PV,"BAD")==0)\
   024        & (dscheck(PT[4].#PV,"BAD")==0) & (dscheck(PT[5].#PV,"BAD")==0) & (dscheck(PT[6].#PV,"BAD")==0) & (PT[1].PV>=20.0)\
   025         & (PT[3].PV>=20.0)  & (PT[4].PV>=20.0)  & (PT[5].PV>=20.0)  & (PT[6].PV>=20.0))     then
   026        BLPHSEQ.STATUS[52]=1
   027        end if
   028
   029        if (BLPHSEQ.STATUS[51]==1 & BLPHSEQ.STATUS[52]==1) then
   030        INTSW[1].PV=1
   031        PMMODE.MV=4
   032        BLPHSEQ.STATUS[53]=1
   033        else
   034        INTSW[1].PV=0
   035        BLPHSEQ.STATUS[53]=0
   036        end if
```

```
037        until (ENMODE.PV<>4 | MODE.PV==4)
038        *if (MODE.PV==4)       PMMODE.MV=0
039        TM01.OP=TMSTOP
040        TM01.PV=0
```

PROJECT:	BLPH-CW1	FILE NAME:	IMPRTMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-7-1
STATION:	FCS0101	SAVED DATE:	7/9/2025 6:51:11 AM	COMMENT:			
SECTION:	IMPRTMON	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	5	6	MONITORING				SEBOL				
2	5	9	PROGRAM				SEBOL				
3	6	12	SEQ FAIL				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

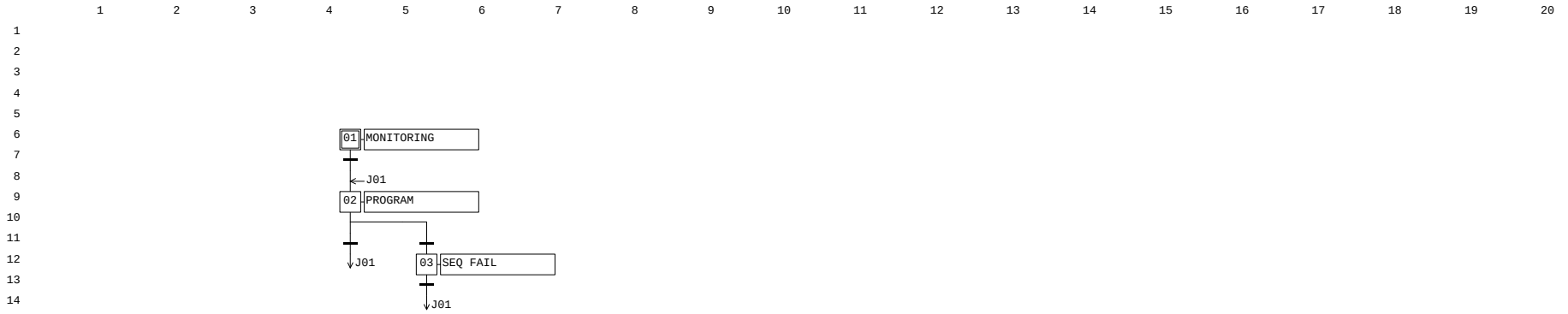
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
5	7		
5	11		BLPHSEQ.STATUS[39]==1
6	11		BLPHSEQ.STATUS[39]==0
6	13		

PROJECT:	BLPH-CW1	FILE NAME:	IMPRTMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-7-3
STATION:	FCS0101	SAVED DATE:	7/9/2025 6:51:11 AM	COMMENT:			
SECTION:	IMPRTMON	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:



SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:MONITORING X: 5 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 19 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                  Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024        global             genname        SIO-21          O25BDV[25]
   025        global             genname        SIO-21          O25SDV[23]
   026        global             genname        SIO-21          O64SDV[1]
   027        global             genname        SIO-21          O25XV[25]
   028        global             genname        SIO-21          O80XV[1]
   029        global             genname        SI-2E           XV[3]
   030        global             genname        SI-1            FWP[2]
   031        global             genname        %AN             O63XA[10]
   032        global             genname        %AN             O64XA[10]
   033        global             genname        %AN             O20XA[3]
   034        global             genname        %AN             O50XA[3]
   035        global             genname        PVI             O63PT[10]
   036        global             genname        PVI             O64PT[5]
   037        global             genname        PVI             O25PT[6],ENMODE,MODE
   038        global             genname        PVI             SS[1]                     !SUBSYSTEM SIGNALS
   039        global             genname        %SW             INTSW[15]
   040        global             genname         _SFCSW          BLPHSEQ
   041        global             genname        TM              t[3],TM01
   042        global             genname        MC-2E           SWP[2]
   043        global             genname        MLD             PMMODE
   044
   045        global integer i
   046        ********************************************************************************
   047        *   ASSIGNING VARIABLES
   048        ********************************************************************************
   049        assign           "25BDV-005"        to       O25BDV[5]
   050        assign           "25BDV-007"        to       O25BDV[7]
   051        assign           "25BDV-010"        to       O25BDV[10]
   052        assign           "25BDV-013"        to       O25BDV[13]
   053        assign           "25BDV-016"        to       O25BDV[16]
   054        assign           "25BDV-019"        to       O25BDV[19]
   055        assign           "25BDV-022"        to       O25BDV[22]
   056
   057
   058        assign           "25SDV-001"        to       O25SDV[1]
   059        assign           "25SDV-023"        to       O25SDV[23]
   060        assign           "64SDV-001"        to       O64SDV[1]
   061
   062
   063        assign           "25XV-024"         to       O25XV[24]
   064        assign           "80XV-001"         to       O80XV[1]
   065
   066
   067        assign           "63PI-003"         to       O63PT[3]
   068        assign           "64PI-031A"        to       O64PT[1]
   069        assign           "64PI-031B"        to       O64PT[2]
   070
   071
   072        assign           "25PI-035"         to       O25PT[1]
   073        assign           "25PI-037"         to       O25PT[2]
   074        assign           "25PI-040"         to       O25PT[3]
   075        assign           "25PI-043"         to       O25PT[4]
   076        assign           "25PI-046"         to       O25PT[5]
   077        assign           "25PI-049"         to       O25PT[6]
   078
   079
   080        assign           "87UI-003"        to       SS[1]                      !Fuel cell status
   081
   082        assign           "20XA003TAN"       to       O20XA[3]
   083        assign           "63XA003TAN"       to       O63XA[3]
```

```
084       assign          "64XA003TAN"      to      O64XA[3]
085
086       assign          "50XA003TAN"      to      O50XA[3]
087       assign          "50XA003TAN"      to      O50XA[3]
088
089       assign          "P-50001ACMFL"    to      INTSW[1]
090       assign          "P-50001BCMFL"    to      INTSW[2]
091       assign          "P-50001ABGST"    to      INTSW[4]
092       assign          "P-50001ABGSP"    to      INTSW[5]
093       assign          "BLPHSEQ"         to      BLPHSEQ
094
095       assign          "BLPHSEQT02"      to          t[2]
096       assign          "BLPHSEQT03"      to          t[3]
097
098
099       assign          "P-50001A"        to        SWP[1]
100       assign          "P-50001B"        to        SWP[2]
101       assign          "50P50009A_R"       to        FWP[1]
102       assign          "50P50009B_R"       to        FWP[2]
103
104       assign          "50XV-031"        to         XV[3]
105
106       assign          "87MODE-003"      to        PMMODE
107       assign          "87MODE-001"      to        ENMODE
108       assign          "87MODE-002"      to          MODE
109
110       assign          "WTPAST"          to      INTSW[3]          ! WTP START COMMAND
111       assign          "WTPASP"          to      INTSW[6]          ! WTP STOP COMMAND
112       assign          "87STRQ-0001"     to      INTSW[7]
113       assign          "87PERM-0002"     to      INTSW[8]              ! START PERMISSIVE FOR electrolyzer
114       assign          "87MODESTS01"     to      INTSW[9]
115
116
117
118       assign          "BLPHSEQT01"      to          t[1]
119       assign          "BLPHSEQT02"      to          t[2]
120       assign          "BLPHSEQTM03"     to          TM01
121
122
123
124
125
126       for i=21 to 40
127       BLPHSEQ.STATUS[i]=0
128       next@


Step Number: 2     Comment:PROGRAM                                          X:  5  Y:  9

Line Number   SEBOL Program
   001        float PRS[20]
   002        integer k
   003        k=0
   004
   005        wait until (ENMODE.PV==2 OR ENMODE.PV==3)
   006
   007        INIT:
   008        if (TM01.BSTS=="CTUP" & BLPHSEQ.STATUS[50]==0)  then
   009        goto TRMNT
   010        end if
   011        if  (BLPHSEQ.STATUS[21]==1 & BLPHSEQ.STATUS[22]==1 & BLPHSEQ.STATUS[23]==1 & BLPHSEQ.STATUS[24]==1 & BLPHSEQ.STATUS[25]==1 & BLPHSEQ.STATUS[26]==1\
   012             & BLPHSEQ.STATUS[27]==1 & BLPHSEQ.STATUS[28]==1 & BLPHSEQ.STATUS[29]==1 & BLPHSEQ.STATUS[30]==1 & BLPHSEQ.STATUS[31]==1 & BLPHSEQ.STATUS[32]==1\
   013              & BLPHSEQ.STATUS[35]==1 )  then
   014        BLPHSEQ.STATUS[50]=1
   015        INTSW[8].PV=1
   016
   017        else
   018        BLPHSEQ.STATUS[50]=0
   019        INTSW[8].PV=0
   020        end if
   021
   022        while((ENMODE.PV==2 & MODE.PV<>2) |(ENMODE.PV==3 & MODE.PV<>3))
   023
   024
   025        ************************************************PROCESS Healthy*********************************************************
   026        if (k==0) then
   027        TM01.OP=TMSTAT
   028        k=1
   029        end if
   030        !---All BDV valves in closed position, the feedback statuses are 25-ZSL-005/007/010/013/016/019/022.--------------------
   031
   032        if (O25BDV[5].PV==2 & O25BDV[7].PV==2 & O25BDV[10].PV==2 & O25BDV[13].PV==2 & O25BDV[16].PV==2 & O25BDV[19].PV==2 & O25BDV[22].PV==2) then
   033        BLPHSEQ.STATUS[21]=1
   034        else
   035        BLPHSEQ.STATUS[21]=0
   036        end if
```

```
037         if (BLPHSEQ.STATUS[21]==0)   goto INIT
038
039         !---Shutdown valves 25-SDV-001 and 25-SDV-023 in open position, the feedback statuses are 25-ZSH-001 and 25-ZSH-023.-----
040
041         if (O25SDV[1].PV==2 & O25SDV[23].PV==2)  then
042         BLPHSEQ.STATUS[22]=1
043         else
044         BLPHSEQ.STATUS[22]=0
045         end if
046         if (BLPHSEQ.STATUS[22]==0)   goto INIT
047
048
049         !-----------------Shutdown valve 64-SDV-001 in closed position, the feedback status is 64-ZSL-001.----------------------
050
051         if (O64SDV[1].PV==0)  then
052         BLPHSEQ.STATUS[23]=1
053         else
054         BLPHSEQ.STATUS[23]=0
055         end if
056         if (BLPHSEQ.STATUS[23]==0)   goto INIT
057
058
059         !----On-Off valves 25-XV-024 and 80-XV-001 in closed position, the feedback statuses are 25-ZSL-024 and 80-ZSL-001.---------
060
061         if (O25XV[24].PV==0 & O80XV[1].PV==0)   then
062         BLPHSEQ.STATUS[24]=1
063         else
064         BLPHSEQ.STATUS[24]=0
065         end if
066         if (BLPHSEQ.STATUS[24]==0)   goto INIT
067
068
069         !-------------------------Air system Healthy State:-------------------------------------------------------------------------
070         *1)Instrument Air packages NOT FAULT
071         *2)Pressure transmitter outlet from IA package 63-PT-003>=7 barg
072
073         PRS[1]=(O63PT[3].PV*(dscheck(O63PT[3].#PV,"BAD")==0))
074
075         if (O63XA[3].PV)==0 then
076         BLPHSEQ.STATUS[25]=1
077         else
078         BLPHSEQ.STATUS[25]=0
079         end if
080         if (BLPHSEQ.STATUS[25]==0)   goto INIT
081
082         !--------------Rev01--------------
083         if (O63XA[3].PV==0 & PRS[1]>=4.5) then
084         !--------------Rev01--------------
085         BLPHSEQ.STATUS[26]=1
086         else
087         BLPHSEQ.STATUS[26]=0
088         end if
089         if (BLPHSEQ.STATUS[26]==0)   goto INIT
090
091
092         !------------------------N2 system Healthy State:-------------------------------------------------------------------------
093         *1) Nitrogen packages NOT FAULT
094         *2) Pressure transmitters outlet from Nitrogen package 64-PT-031A>=7 barg or 64-PT-031B>=7 barg.
095
096         if (O64XA[3].PV)==0 then
097         BLPHSEQ.STATUS[27]=1
098         else
099         BLPHSEQ.STATUS[27]=0
100         end if
101         if (BLPHSEQ.STATUS[27]==0)   goto INIT
102
103
104         PRS[2]=(O64PT[1].PV*(dscheck(O64PT[1].#PV,"BAD")==0))
105         PRS[3]=(O64PT[2].PV*(dscheck(O64PT[2].#PV,"BAD")==0))
106
107         if (O64XA[3].PV==0 & (PRS[2]>=4.0 | PRS[3]>=4.0)) then
108         BLPHSEQ.STATUS[28]=1
109         else
110         BLPHSEQ.STATUS[28]=0
111         end if
112         if (BLPHSEQ.STATUS[28]==0)   goto INIT
113
114
115         !---------------H2 storage not full (check at least one pressure transmitter on H2 storage vessels is < 20 barg):--------------
116         *1) 25-PT-035
117         *2) 25-PT-037
118         *3) 25-PT-040
119         *4) 25-PT-043
120         *5) 25-PT-046
121         *6) 25-PT-049
122
123         for i=1 to 6
124                   if ((dscheck(O25PT[i].#PV,"BAD")==0) & (O25PT[i].PV<=20.0))   then
125                       BLPHSEQ.STATUS[29]=1
126                   end if
```

```
127         next@
128          if         (BLPHSEQ.STATUS[29]==1) & (O25PT[1].PV>20.0) & (O25PT[2].PV>20.0) & (O25PT[3].PV>20.0) & (O25PT[4].PV>20.0)\
129                     & (O25PT[5].PV>20.0) & (O25PT[6].PV>20.0) then
130                     BLPHSEQ.STATUS[29]=0
131          end if
132         if (BLPHSEQ.STATUS[29]==0)   goto INIT
133
134
135         !-----Fuel Cell package is STOPPED (not in production)-----------------------------------------------------------------------
136         *OPC TAG: (FUEL CELL OPERATING STATE)-DCS TAG: 80UI-0043 (Expected this TAG will be fetched via MODBUS), asuming  80UI-0043.PV=0 i
            s the stopped state
137         *to be modififed after clarification from YEF.
138         !if (SS[1].PV<>100) then
139         !BLPHSEQ.STATUS[30]=1
140         !else
141         !BLPHSEQ.STATUS[30]=0
142         !end if
143         !if (BLPHSEQ.STATUS[30]==0)   goto INIT
144
145         BLPHSEQ.STATUS[30]=1
146
147         !-------------------------Electrolyser NOT FAULT-----------------------------------------------------------------------------
148         if (O20XA[3].PV==0) then
149         BLPHSEQ.STATUS[31]=1
150         else
151         BLPHSEQ.STATUS[31]=0
152         end if
153         if (BLPHSEQ.STATUS[31]==0)   goto INIT
154
155         !-------------------------Water system Treatment package NOT FAULT-----------------------------------------------------------
156         if (O50XA[3].PV==0) then
157         BLPHSEQ.STATUS[32]=1
158         else
159         BLPHSEQ.STATUS[32]=0
160         end if
161         if (BLPHSEQ.STATUS[32]==0)   goto INIT
162
163         !-------------------------At least one Seawater Pump NOT FAULT---------------------------------------------------------------
164         *COMMON FAULT OF SEA WATER INTAKE PUMP TO BE GENERATED
165         !if (INTSW[1].PV==0 | INTSW[2].PV==0) then
166         !BLPHSEQ.STATUS[33]=1
167         !else
168         !BLPHSEQ.STATUS[33]=0
169         !end if
170         !if (BLPHSEQ.STATUS[33]==0)   goto INIT
171
172         !-----EMCS informs to PCS the "START request for electroliser package"-----------------------------------
173         !if (INTSW[7].PV==1)then
174         !INTSW[7].PV=1
175         !BLPHSEQ.STATUS[34]=1          !Clarification required, No DO available in I/O list
176         !else
177         !BLPHSEQ.STATUS[34]=0
178         !end if
179         !if (BLPHSEQ.STATUS[34]==0)   goto INIT
180
181
182
183
184
185         !----Check any 1 pump is in auto and no fault
186         !if ((SWP[1].BSTS<>"LOCK" OR SWP[1].BSTS<>"TRIP"==0) and (SWP[1].MODE=="AUT")) | ((SWP[2].BSTS<>"LOCK" OR SWP[2].BSTS<>"TRIP"==0)
             and (SWP[2].MODE=="AUT")) then
187         !BLPHSEQ .STATUS[35]=1
188         !else
189         !BLPHSEQ .STATUS[35]=0
190         !goto INIT
191         !end if
192
193         BLPHSEQ .STATUS[35]=1
194
195         !----PCS commands to start the Water system Treatment package------------
196         !if (O50XA[3].PV==0) then
197         !if(BLPHSEQ .STATUS[12]==1 and BLPHSEQ .STATUS[15]==1)then
198         !INTSW[6].PV=0
199         !INTSW[3].PV=1
200         !BLPHSEQ.STATUS[401]=1
201
202         !else
203         !INTSW[3].PV=0
204         !end if
205         !INTSW[10].PV=1
206
207
208         !INTSW[6].PV = 0                          !STOP REQ TO WTP IS OFF
209         !INTSW[3].PV = 1                       !START REQ TO WTP IS ON
210
211
212         ![BLPHSEQ .OPMSG[1],BLPHSEQ .OPMSG[2],BLPHSEQ .OPMSG[3],BLPHSEQ .OPMSG[4]="PCS COMMANDS TO ","START THE WATER ","SYSTEM TREATMENT"
            ," PACKAGE        "]
213         !BLPHSEQ .STATUS[37]=1
```

```
214
215         !if(FWP[1].PV==2 OR FWP[1].PV==2)then
216         !BLPHSEQ .STATUS[17]=1
217         !BLPHSEQ.STATUS[401]=1
218         !else
219         !BLPHSEQ .STATUS[17]=0
220         !end if
221
222
223         !------------------------MODE 0 = IDLE (POWER IMPORT ONLY) START PERMISSIVE-----------------------------------------------
224
225         if  (BLPHSEQ.STATUS[21]==1 & BLPHSEQ.STATUS[22]==1 & BLPHSEQ.STATUS[23]==1 & BLPHSEQ.STATUS[24]==1 & BLPHSEQ.STATUS[25]==1 & BLPHSEQ.STATUS[26]==1\
226              & BLPHSEQ.STATUS[27]==1 & BLPHSEQ.STATUS[28]==1 & BLPHSEQ.STATUS[29]==1 & BLPHSEQ.STATUS[30]==1 & BLPHSEQ.STATUS[31]==1 & BLPHSEQ.STATUS[32]==1\
227              & BLPHSEQ.STATUS[35]==1  )  then
228         BLPHSEQ.STATUS[50]=1
229
230         else
231         BLPHSEQ.STATUS[50]=0
232         end if
233
234
235         !---------------PCS sends to EMCS the “Permissive to start” for Electrolyser package.-----------------------------------------
236         if  (BLPHSEQ.STATUS[50]==1 & BLPHSEQ.STATUS[39]==0) then
237         if (ENMODE.PV==2) PMMODE.MV=2         ! PERMIT TO STATUS CHANGE FOR EMCS    ! IMPORT ABLE TO CHARGE
238         if (ENMODE.PV==3) PMMODE.MV=3         ! PERMIT TO STATUS CHANGE FOR EMCS    ! IMPORT NOT ABLE TO CHARGE
239
240
241         INTSW[8].PV=1     !PERMIT TO START ELECTROLYZER FOR EMCS
242
243         [BLPHSEQ.OPMSG[1],BLPHSEQ.OPMSG[2],BLPHSEQ.OPMSG[3],BLPHSEQ.OPMSG[4]="PCS SENDS TO EMC","S THE PERMISSIVE","TO START FOR ELE","CTROLYSER PCKG  "]
244         BLPHSEQ.STATUS[39]=1
245
246
247         end if
248
249         DELAY 3000
250         !---------RESET PERMISSIVE-----------------------
251         *if  (MODE.PV==2 & PMMODE.MV==2)     PMMODE.MV=0
252         *if  (MODE.PV==3 & PMMODE.MV==3)     PMMODE.MV=0
253         wend@
254
255         !_____________________________________________________________________________________________________________________________
256         ! As soon as the Permissive to Start is lost
257         while((MODE.PV==2 | MODE.PV==3 )and BLPHSEQ.STATUS[50]==1 )
258         !---All BDV valves in closed position, the feedback statuses are 25-ZSL-005/007/010/013/016/019/022.--------------------
259
260         if (O25BDV[5].PV==2 & O25BDV[7].PV==2 & O25BDV[10].PV==2 & O25BDV[13].PV==2 & O25BDV[16].PV==2 & O25BDV[19].PV==2 & O25BDV[22].PV==2) then
261         BLPHSEQ.STATUS[21]=1
262         else
263         BLPHSEQ.STATUS[21]=0
264         end if
265
266
267         !---Shutdown valves 25-SDV-001 and 25-SDV-023 in open position, the feedback statuses are 25-ZSH-001 and 25-ZSH-023.-----
268
269         if (O25SDV[1].PV==2 & O25SDV[23].PV==2)  then
270         BLPHSEQ.STATUS[22]=1
271         else
272         BLPHSEQ.STATUS[22]=0
273         end if
274
275
276
277         !-----------------Shutdown valve 64-SDV-001 in closed position, the feedback status is 64-ZSL-001.----------------------
278
279         if (O64SDV[1].PV==0)  then
280         BLPHSEQ.STATUS[23]=1
281         else
282         BLPHSEQ.STATUS[23]=0
283         end if
284
285
286         !----On-Off valves 25-XV-024 and 80-XV-001 in closed position, the feedback statuses are 25-ZSL-024 and 80-ZSL-001.---------
287
288         if (O25XV[24].PV==0 & O80XV[1].PV==0)   then
289         BLPHSEQ.STATUS[24]=1
290         else
291         BLPHSEQ.STATUS[24]=0
292         end if
293
294
295
296         !-------------------------Air system Healthy State:-------------------------------------------------------------------------
297         *1)Instrument Air packages NOT FAULT
298         *2)Pressure transmitter outlet from IA package 63-PT-003>=7 barg
299
```

```
300         PRS[1]=(O63PT[3].PV*(dscheck(O63PT[3].#PV,"BAD")==0))
301
302         if (O63XA[3].PV)==0 then
303         BLPHSEQ.STATUS[25]=1
304         else
305         BLPHSEQ.STATUS[25]=0
306         end if
307
308
309         !--------------------Rev01--------------------
310         if (O63XA[3].PV==0 & PRS[1]>=4.5) then
311         !--------------------Rev01--------------------
312         BLPHSEQ.STATUS[26]=1
313         else
314         BLPHSEQ.STATUS[26]=0
315         end if
316
317
318
319         !------------------------N2 system Healthy State:-------------------------------------------------------------------------------
320         *1) Nitrogen packages NOT FAULT
321         *2) Pressure transmitters outlet from Nitrogen package 64-PT-031A>=7 barg or 64-PT-031B>=7 barg.
322
323         if (O64XA[3].PV)==0 then
324         BLPHSEQ.STATUS[27]=1
325         else
326         BLPHSEQ.STATUS[27]=0
327         end if
328
329
330
331         PRS[2]=(O64PT[1].PV*(dscheck(O64PT[1].#PV,"BAD")==0))
332         PRS[3]=(O64PT[2].PV*(dscheck(O64PT[2].#PV,"BAD")==0))
333         if (O64XA[3].PV==0 & (PRS[2]>=4.0 | PRS[3]>=4.0)) then
334         BLPHSEQ.STATUS[28]=1
335         else
336         BLPHSEQ.STATUS[28]=0
337         end if
338
339
340
341         !---------------H2 storage not full (check at least one pressure transmitter on H2 storage vessels is < 20 barg):--------------
342         *1) 25-PT-035
343         *2) 25-PT-037
344         *3) 25-PT-040
345         *4) 25-PT-043
346         *5) 25-PT-046
347         *6) 25-PT-049
348
349         for i=1 to 6
350                   if ((dscheck(O25PT[i].#PV,"BAD")==0) & (O25PT[i].PV<=20.0))   then
351                       BLPHSEQ.STATUS[29]=1
352                   end if
353         next@
354          if         (BLPHSEQ.STATUS[29]==1) & (O25PT[1].PV>20.0) & (O25PT[2].PV>20.0) & (O25PT[3].PV>20.0) & (O25PT[4].PV>20.0)\
355                      & (O25PT[5].PV>20.0) & (O25PT[6].PV>20.0) then
356                     BLPHSEQ.STATUS[29]=0
357          end if
358
359
360
361         !-----Fuel Cell package is STOPPED (not in production)-------------------------------------------------------------------------
362         *OPC TAG: (FUEL CELL OPERATING STATE)-DCS TAG: 80UI-0043 (Expected this TAG will be fetched via MODBUS), asuming  80UI-0043.PV=0 i
            s the stopped state
363         *to be modifed after clarification from YEF.
364         !if (SS[1].PV<>100) then
365         !BLPHSEQ.STATUS[30]=1
366         !else
367         !BLPHSEQ.STATUS[30]=0
368         !end if
369
370         BLPHSEQ.STATUS[30]=1
371         !------------------------Electrolyser NOT FAULT---------------------------------------------------------------------------------
372         if (O20XA[3].PV==0) then
373         BLPHSEQ.STATUS[31]=1
374         else
375         BLPHSEQ.STATUS[31]=0
376         end if
377
378
379         !------------------------Water system Treatment package NOT FAULT---------------------------------------------------------------
380         if (O50XA[3].PV==0) then
381         BLPHSEQ.STATUS[32]=1
382         else
383         BLPHSEQ.STATUS[32]=0
384         end if
385
386
387         !------------------------At least one Seawater Pump NOT FAULT-------------------------------------------------------------------
388         *COMMON FAULT OF SEA WATER INTAKE PUMP TO BE GENERATED
```

```
389        !if (INTSW[1].PV==0 | INTSW[2].PV==0) then
390        !BLPHSEQ.STATUS[33]=1
391        !else
392        !BLPHSEQ.STATUS[33]=0
393        !end if
394
395
396        !-----EMCS informs to PCS the "START request for electroliser package"-----------------------------------
397        !if (INTSW[7].PV==1)then
398        !INTSW[8].PV=1
399        !BLPHSEQ.STATUS[34]=1          !Clarificatio required, No DO available in I/O list
400        !end if
401        !----Check any 1 pump is in auto and no fault OR Either of the Pumps running
402
403        !if ((INTSW[1].PV==0 and SWP[1].MODE=="AUT") | (INTSW[2].PV==0 and SWP[2].MODE=="AUT") | ( SWP[1].PV==2  | SWP[2].PV==2)) then
404        !BLPHSEQ .STATUS[35]=1
405        !else
406        !BLPHSEQ .STATUS[35]=0
407        !end if
408        BLPHSEQ .STATUS[35]=1
409
410        !----PCS commands to start the Water system Treatment package (delay xxx sec) (see. 4.2.4).------------
411
412
413        !if( FWP[1].PV==2 OR FWP[1].PV==2) then
414        !BLPHSEQ .STATUS[37]=1
415        !else
416        !BLPHSEQ .STATUS[37]=0
417        !end if
418
419        !-------------------------MODE 0 = IDLE (POWER IMPORT ONLY) START PERMISSIVE-------------------------------------------------
420
421        if  (BLPHSEQ.STATUS[21]==1 & BLPHSEQ.STATUS[22]==1 & BLPHSEQ.STATUS[23]==1 & BLPHSEQ.STATUS[24]==1 & BLPHSEQ.STATUS[25]==1 & BLPHS
           EQ.STATUS[26]==1\
422             & BLPHSEQ.STATUS[27]==1 & BLPHSEQ.STATUS[28]==1 & BLPHSEQ.STATUS[29]==1 & BLPHSEQ.STATUS[30]==1 & BLPHSEQ.STATUS[31]==1 & BLP
           HSEQ.STATUS[32]==1\
423              & BLPHSEQ.STATUS[35]==1 )  then
424        BLPHSEQ.STATUS[50]=1
425
426        else
427        BLPHSEQ.STATUS[50]=0
428
429        end if
430
431        !---------------PCS sends to EMCS the “Permissive to start” for Electrolyser package.-----------------------------------------
432        if  (BLPHSEQ.STATUS[50]==1 & BLPHSEQ.STATUS[39]==0) then
433
434        delay 5000
435
436        [BLPHSEQ.OPMSG[1],BLPHSEQ.OPMSG[2],BLPHSEQ.OPMSG[3],BLPHSEQ.OPMSG[4]="PCS SENDS TO EMC","S THE PERMISSIVE","TO START FOR ELE","CTR
           OLYSER PCKG  "]
437        BLPHSEQ.STATUS[39]=1
438
439        else
440        end if
441
442        wend@
443        TRMNT:
444        TM01.OP=TMSTOP
445        t[1].OP=TMSTAT
446        t[2].OP=TMSTAT
447        TM01.PV=0
448        BLPHSEQ.STATUS[39]=0
```

Step Number: 3 Comment:SEQ FAIL X: 6 Y: 12

```
Line Number   SEBOL Program
   001
   002        !------Electrolyser will be stopped by EMCS.------------
   003
   004        INTSW[8].PV=0           !To be mapped with modbus signal for Electroliser start Permit request
   005
   006        !------PCS will stop the sequence “Process Charging mode” for H2 storage Vessels
   007
   008
   009        !------PCS will stop the Sea water Pumps----------------
   010        !while(ENMODE.PV==2 & MODE.PV< & MODE.PV<>3 & MODE.PV<>4)
   011        !INTSW[4].PV=0
   012        !INTSW[5].PV=1                          !GROUP STOP COMMAND FO SEA WATER INTAKE PUMP
   013        !wait until (SWP[1].PV==0 & SWP[2].PV==0)
   014        !INTSW[5].PV=0
   015        !wend
   016        !------PCS will stop Water Treatment system-------------
   017
   018
   019
   020        !delaycycle 5
   021        !INTSW[6].PV=1
```

```
022
023         if((ENMODE.PV==2 or ENMODE.PV==3 or ENMODE.PV==4)and BLPHSEQ.STATUS[50]==0)then
024
025         INTSW[3].PV=0                          !NEED TO MAP WITH MODBUS TO SEND STOP COMMAND TO WTP PACKAGE
026         INTSW[6].PV=1
027
028         INTSW[4].PV=0
029         INTSW[5].PV=1                          !GROUP STOP COMMAND FO SEA WATER INTAKE PUMP
030
031         wait until (SWP[1].PV==0 & SWP[2].PV==0)
032         INTSW[5].PV=0
033         wait until (FWP[1].PV==0 & FWP[2].PV==0)
034         INTSW[6].PV=0
035
036
037         Wait until(ENMODE.PV<>2 and ENMODE.PV<>3 and ENMODE.PV<>4)
038
039         end if
040
041
042         For i=21 to 40
043         BLPHSEQ.STATUS[i]=0
044         next@
045
046
047         Wait until(ENMODE.PV==2 or ENMODE.PV==3 or ENMODE.PV==4)
```

PROJECT:	BLPH-CW1	FILE NAME:	MNTNCMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-8-1
STATION:	FCS0101	SAVED DATE:	7/10/2025 11:41:25 PM	COMMENT:			
SECTION:	MNTNCMON	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	7	6	MONITORING				SEBOL				
2	7	9	PROGRAMM				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

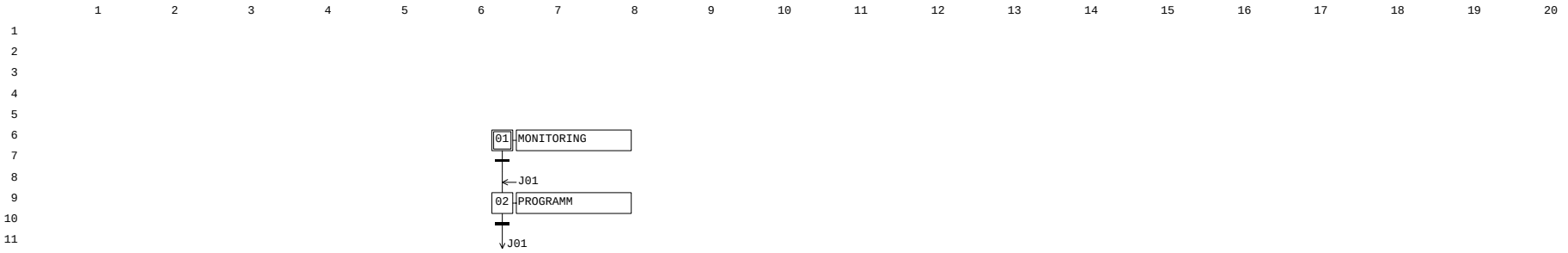
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
7	7		
7	10		

PROJECT:	BLPH-CW1	FILE NAME:	MNTNCMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-8-3
STATION:	FCS0101	SAVED DATE:	7/10/2025 11:41:25 PM	COMMENT:			
SECTION:	MNTNCMON	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:



SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:MONITORING X: 7 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :E368782Q00-J11DCSE
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 20 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                    Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024        global             genname        PVI             MODE,ENMODE,PMMODE
   025
   026        global             genname        _SFCSW          BLPHSEQ
   027
   028        global             genname         TM             TM01
   029        global          genname        MC-2E           SWP[2]
   030        global              genname         %SW            WTPSTOP,SWGRPSTOP
   031        global          genname        SIO-2E          XV005,XV[21]
   032
   033
   034
   035        assign           "87MODE-001"        to               ENMODE
   036        assign           "MODE"              to               MODE
   037        assign           "87MODE-003"        to               PMMODE
   038        assign           "BLPHSEQ"           to               BLPHSEQ
   039        assign           "BLPHSEQTM01"       to               TM01
   040        assign           "P-50001A"          to               SWP[1]
   041        assign           "P-50001B"          to               SWP[2]
   042        assign          "WTPASP"             to               WTPSTOP
   043        assign          "P-50001ABGSP"       to               SWGRPSTOP
   044        assign          "50XV-005"               to                   XV005
   045        assign           "25XV-004"          to               XV[4]
   046        assign           "25XV-008"          to               XV[8]
   047        assign           "25XV-011"          to               XV[11]
   048        assign           "25XV-014"          to               XV[14]
   049        assign           "25XV-017"          to               XV[17]
   050        assign           "25XV-020"          to               XV[20]
   051        assign           "25XV-006"          to               XV[6]
   052        assign           "25XV-009"          to               XV[9]
   053        assign           "25XV-012"          to               XV[12]
   054        assign           "25XV-015"          to               XV[15]
   055        assign           "25XV-018"          to               XV[18]
   056        assign           "25XV-021"          to               XV[21]
```

Step Number: 2 Comment:PROGRAMM X: 7 Y: 9

```
Line Number   SEBOL Program
   001        !For electrical details about this mode reference shall be made to doc. “EMCS Software Functional Design Specification (FDS-SW)”.
   002        !From process point of view in the “Maintenance mode” neither the Electrolyser nor the Fuel cells is required to run. Hydrogen pro
              duction cannot be involved in this electrical mode.
   003        wait until (ENMODE.PV==9 )
   004        TM01.OP=TMSTAT
   005
   006
   007        PMMODE.MV=9
   008
   009        !1)Stop sea water pumps---------------------------------------
   010
   011        !if(SWP[1].PV == 2 OR SWP[2].PV == 2 ) then
   012        !  SWGRPSTOP.PV = 1                       !Sea water pump group stop
   013        !end if
   014        !wait until (SWP[1].PV == 0 AND SWP[2].PV == 0)
   015
   016        !2)Stop sea water pumps---------------------------------------
   017
   018
   019        WTPSTOP.PV = 1                            !Water treatment package stop
   020
```

```
021
022         !3)Close 50XV-005 Valve-------------------------------------
023
024
025         ![%.OPMSG[1],%.OPMSG[2],%.OPMSG[3],%.OPMSG[4]="CLOSE 50-XV-005","VALVE ","LOCALLY",""]
026         [XV005.MODE.CSV = "AUT",0]
027
028         wait until (XV005.PV == 0)
029
030
031         !5)Command to close all xv inlet/outlet valves of Hydrogen Vessels--------------------------------------
032
033         [XV[4].MODE,XV[8].MODE,XV[11].MODE,XV[14].MODE,XV[17].MODE,XV[20].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
034         delaycycle 3
035         [XV[4].CSV,XV[8].CSV,XV[11].CSV,XV[14].CSV,XV[17].CSV,XV[20].CSV=0,0,0,0,0,0]
036         wait until  (XV[4].PV==0 & XV[8].PV==0 & XV[11].PV==0 & XV[14].PV==0 & XV[17].PV==0 & XV[20].PV==0)
037
038
039         [XV[6].MODE,XV[9].MODE,XV[12].MODE,XV[15].MODE,XV[18].MODE,XV[21].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
040         delaycycle 3
041         [XV[6].CSV,XV[9].CSV,XV[12].CSV,XV[15].CSV,XV[18].CSV,XV[21].CSV=0,0,0,0,0,0]
042         wait until  (XV[6].PV==0 & XV[9].PV==0 & XV[12].PV==0 & XV[15].PV==0 & XV[18].PV==0 & XV[21].PV==0)
043
044         If (MODE.PV==9)       PMMODE.MV=0
045
046         !wait until (ENMODE.PV<>9 | MODE.PV==9)
047
048         wait until (MODE.PV<>9)
049
050         TM01.OP=TMSTOP
051         TM01.PV=0
```

PROJECT:	BLPH-CW1	FILE NAME:	MONITOR.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-9-1
STATION:	FCS0101	SAVED DATE:	7/9/2025 6:52:42 AM	COMMENT:			
SECTION:	MONITOR	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	5	6	MONITORING				SEBOL				
2	5	9	PROGRAM				SEBOL				
3	6	14	SEQ FAIL				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

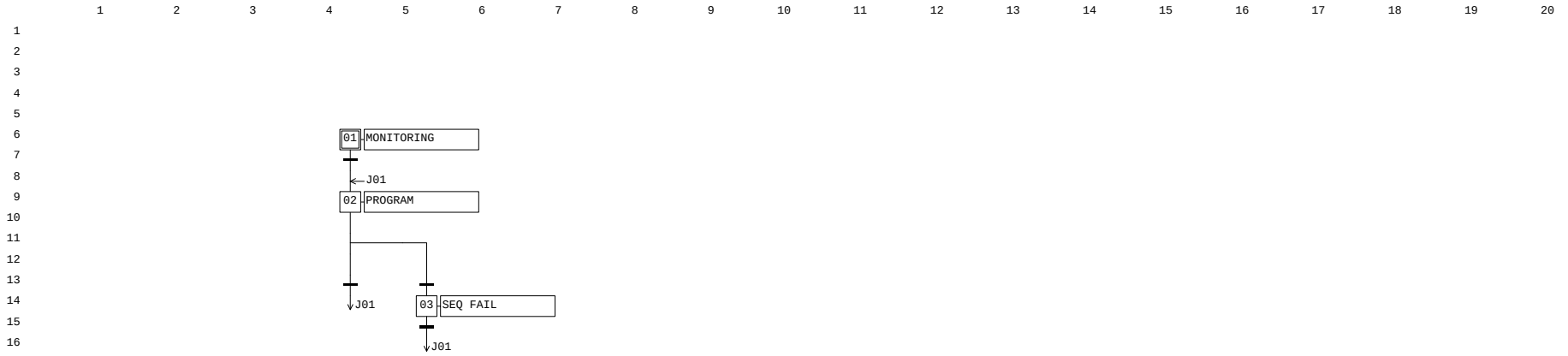
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
5	7		
5	13		BLPHSEQ.STATUS[19]==1
6	13		BLPHSEQ.STATUS[19]==0
6	15		

PROJECT:	BLPH-CW1	FILE NAME:	MONITOR.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-9-3
STATION:	FCS0101	SAVED DATE:	7/9/2025 6:52:42 AM	COMMENT:			
SECTION:	MONITOR	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:



SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:MONITORING X: 5 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 19 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               -------------------------
   015        * 0.0                                                    Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024        global             genname        SIO-21          O25BDV[25]
   025        global             genname        SIO-21          O25SDV[23]
   026        global             genname        SIO-21          O64SDV[1]
   027        global             genname        SIO-21          O25XV[25]
   028        global             genname        SIO-21          O80XV[1]
   029        global             genname        SI-2E           XV[3]
   030        global             genname        SI-1                 FWP[2]
   031        global             genname        %AN             O63XA[10]
   032        global             genname        %AN            O64XA[10]
   033        global             genname        %AN             O20XA[3]
   034        global             genname        %AN             O50XA[3]
   035        global             genname        PVI             O63PT[10]
   036        global             genname        PVI             O64PT[5]
   037        global             genname        PVI             O25PT[6],ENMODE,MODE
   038        global             genname        PVI             SS[2]       !SUBSYSTEM SIGNALS
   039        global             genname        %SW             INTSW[15]
   040        global             genname     _SFCSW             BLPHSEQ
   041        global             genname     TM             t[3],TM01
   042        global             genname     MC-2E             SWP[2]
   043        global             genname     MLD             PMMODE
   044
   045        global integer i
   046        ********************************************************************************
   047        *   ASSIGNING VARIABLES
   048        ********************************************************************************
   049        assign           "25BDV-005"        to       O25BDV[5]
   050        assign           "25BDV-007"        to       O25BDV[7]
   051        assign           "25BDV-010"        to       O25BDV[10]
   052        assign           "25BDV-013"        to       O25BDV[13]
   053        assign           "25BDV-016"        to       O25BDV[16]
   054        assign           "25BDV-019"        to       O25BDV[19]
   055        assign           "25BDV-022"        to       O25BDV[22]
   056
   057
   058        assign           "25SDV-001"        to       O25SDV[1]
   059        assign           "25SDV-023"        to       O25SDV[23]
   060        assign           "64SDV-001"        to       O64SDV[1]
   061
   062
   063        assign           "25XV-024"         to       O25XV[24]
   064        assign           "80XV-001"         to       O80XV[1]
   065
   066
   067        assign           "63PI-003"         to       O63PT[3]
   068        assign           "64PI-031A"        to       O64PT[1]
   069        assign           "64PI-031B"        to       O64PT[2]
   070
   071
   072        assign           "25PI-035"         to       O25PT[1]
   073        assign           "25PI-037"         to       O25PT[2]
   074        assign           "25PI-040"         to       O25PT[3]
   075        assign           "25PI-043"         to       O25PT[4]
   076        assign           "25PI-046"         to       O25PT[5]
   077        assign           "25PI-049"         to       O25PT[6]
   078
   079
   080        assign           "87UI-003"        to       SS[1]              ! Fuel cell status
   081        assign           "87UI-004"        to       SS[2]            ! Electrolyzer cell status
   082
   083        assign           "20XA003TAN"       to       O20XA[3]
```

```
084       assign          "63XA003TAN"      to      O63XA[3]
085       assign          "64XA003TAN"      to      O64XA[3]
086
087       assign          "50XA003TAN"      to      O50XA[3]
088       !assign          "50XA003TAN"      to      O50XA[3]
089
090       assign          "P-50001ACMFL"    to      INTSW[1]
091       assign          "P-50001BCMFL"    to      INTSW[2]
092       assign          "P-50001ABGST"    to      INTSW[4]
093       assign          "P-50001ABGSP"    to      INTSW[5]
094       assign          "BLPHSEQ"         to      BLPHSEQ
095
096       assign          "BLPHSEQT02"      to          t[2]
097       assign          "BLPHSEQT03"      to          t[3]
098
099
100       assign          "P-50001A"        to        SWP[1]
101       assign          "P-50001B"        to        SWP[2]
102
103       assign          "50XV-031"        to         XV[3]
104
105       assign          "87MODE-003"      to        PMMODE
106       assign          "87MODE-001"      to        ENMODE
107       assign          "87MODE-002"      to          MODE
108
109       assign          "WTPAST"          to      INTSW[3]      ! WTP START CMD
110       assign          "WTPASP"          to      INTSW[6]      ! WTP STOP CMD
111       assign          "87STRQ-0001"     to      INTSW[7]! Do to start Electrolyzer
112       assign          "87PERM-0001"      to      INTSW[8]! Fuel cell Permissive
113       assign          "87PERM-0002"      to      INTSW[9]! Electrolyzer Permissive
114
115
116
117
118
119       assign          "BLPHSEQT01"      to          t[1]
120       assign          "BLPHSEQT02"      to          t[2]
121       assign          "BLPHSEQTM01"     to          TM01
122
123
124       assign          "50P50009A_R"        to        FWP[1]
125       assign          "50P50009B_R"        to        FWP[2]
126
127       for i=1 to 20
128       BLPHSEQ.STATUS[i]=0
129       next@
```

Step Number: 2 Comment:PROGRAM X: 5 Y: 9

```
Line Number   SEBOL Program
   001        float PRS[20]
   002        integer k
   003        *for i=1 to 20
   004        *BLPHSEQ.STATUS[i]=0
   005        *next@
   006        k=0
   007        INTSW[9].PV=0
   008        INIT:
   009        if (TM01.BSTS=="CTUP" & BLPHSEQ.STATUS[50]==0)  then
   010        goto TRMNT
   011        end if
   012        if  (BLPHSEQ.STATUS[1]==1 & BLPHSEQ.STATUS[2]==1 & BLPHSEQ.STATUS[3]==1 & BLPHSEQ.STATUS[4]==1 & BLPHSEQ.STATUS[5]==1 & BLPHSEQ.ST
              ATUS[6]==1\
   013             & BLPHSEQ.STATUS[7]==1 & BLPHSEQ.STATUS[8]==1 & BLPHSEQ.STATUS[9]==1 & BLPHSEQ.STATUS[10]==1 & BLPHSEQ.STATUS[11]==1 & BLPHSE
              Q.STATUS[12]==1\
   014              & BLPHSEQ.STATUS[15]==1  & BLPHSEQ.STATUS[17]==1)  then
   015        !& BLPHSEQ.STATUS[13]==1 & BLPHSEQ.STATUS[14]==1& BLPHSEQ.STATUS[16]==1 & BLPHSEQ.STATUS[17]==1 & BLPHSEQ.STATUS[18]==1
   016
   017        BLPHSEQ.STATUS[50]=1
   018        INTSW[9].PV=1
   019        !delay 5000
   020        else
   021        BLPHSEQ.STATUS[50]=0
   022        INTSW[9].PV=0
   023        end if
   024
   025        while(ENMODE.PV==1 AND MODE.PV<>1)
   026        !repeat
   027
   028        ************************************************PROCESS Healthy*****************************************************
   029        if (k==0) then
   030        TM01.OP=TMSTAT
   031        k=1
   032        end if
   033        !---All BDV valves in closed position, the feedback statuses are 25-ZSL-005/007/010/013/016/019/022.--------------------
   034
   035        if (O25BDV[5].PV==2 & O25BDV[7].PV==2 & O25BDV[10].PV==2 & O25BDV[13].PV==2 & O25BDV[16].PV==2 & O25BDV[19].PV==2 & O25BDV[22].PV=
              =2) then
```

```
036         BLPHSEQ.STATUS[1]=1
037         else
038         BLPHSEQ.STATUS[1]=0
039         end if
040         if (BLPHSEQ.STATUS[1]==0)   goto INIT
041
042         !---Shutdown valves 25-SDV-001 and 25-SDV-023 in open position, the feedback statuses are 25-ZSH-001 and 25-ZSH-023.-----
043
044         if (O25SDV[1].PV==2 & O25SDV[23].PV==2)  then
045         BLPHSEQ.STATUS[2]=1
046         else
047         BLPHSEQ.STATUS[2]=0
048         end if
049         if (BLPHSEQ.STATUS[2]==0)   goto INIT
050
051
052         !-----------------Shutdown valve 64-SDV-001 in closed position, the feedback status is 64-ZSL-001.----------------------
053
054         if (O64SDV[1].PV==0)  then
055         BLPHSEQ.STATUS[3]=1
056         else
057         BLPHSEQ.STATUS[3]=0
058         end if
059         if (BLPHSEQ.STATUS[3]==0)   goto INIT
060
061
062         !----On-Off valves 25-XV-024 and 80-XV-001 in closed position, the feedback statuses are 25-ZSL-024 and 80-ZSL-001.---------
063
064         if (O25XV[24].PV==0 & O80XV[1].PV==0)   then
065         BLPHSEQ.STATUS[4]=1
066         else
067         BLPHSEQ.STATUS[4]=0
068         end if
069         if (BLPHSEQ.STATUS[4]==0)   goto INIT
070
071
072         !-------------------------Air system Healthy State:-------------------------------------------------------------------------
073         *1)Instrument Air packages NOT FAULT
074         *2)Pressure transmitter outlet from IA package 63-PT-003>=7 barg
075
076         PRS[1]=(O63PT[3].PV*(dscheck(O63PT[3].#PV,"BAD")==0))
077
078         if (O63XA[3].PV)==0 then
079         BLPHSEQ.STATUS[5]=1
080         else
081         BLPHSEQ.STATUS[5]=0
082         end if
083         if (BLPHSEQ.STATUS[5]==0)   goto INIT
084
085         !---------------Rev01-------
086         if (O63XA[3].PV==0 & PRS[1]>=4.5) then
087         !---------------Rev01-------
088         BLPHSEQ.STATUS[6]=1
089         else
090         BLPHSEQ.STATUS[6]=0
091         end if
092         if (BLPHSEQ.STATUS[6]==0)   goto INIT
093
094
095         !------------------------N2 system Healthy State:--------------------------------------------------------------------------
096         *1) Nitrogen packages NOT FAULT
097         *2) Pressure transmitters outlet from Nitrogen package 64-PT-031A>=7 barg or 64-PT-031B>=7 barg.
098
099         if (O64XA[3].PV)==0 then
100         BLPHSEQ.STATUS[7]=1
101         else
102         BLPHSEQ.STATUS[7]=0
103         end if
104         if (BLPHSEQ.STATUS[7]==0)   goto INIT
105
106
107         PRS[2]=(O64PT[1].PV*(dscheck(O64PT[1].#PV,"BAD")==0))
108         PRS[3]=(O64PT[2].PV*(dscheck(O64PT[2].#PV,"BAD")==0))
109         if (O64XA[3].PV==0 & (PRS[2]>=4.0 | PRS[3]>=4.0)) then
110         BLPHSEQ.STATUS[8]=1
111         else
112         BLPHSEQ.STATUS[8]=0
113         end if
114         if (BLPHSEQ.STATUS[8]==0)   goto INIT
115
116
117         !---------------H2 storage not full (check at least one pressure transmitter on H2 storage vessels is < 20 barg):--------------
118         *1) 25-PT-035
119         *2) 25-PT-037
120         *3) 25-PT-040
121         *4) 25-PT-043
122         *5) 25-PT-046
123         *6) 25-PT-049
124
125         for i=1 to 6
```

```
126                 if ((dscheck(O25PT[i].#PV,"BAD")==0) & (O25PT[i].PV<=20.0))   then
127                     BLPHSEQ.STATUS[9]=1
128                 end if
129       next@
130        if         (BLPHSEQ.STATUS[9]==1) & (O25PT[1].PV>20.0) & (O25PT[2].PV>20.0) & (O25PT[3].PV>20.0) & (O25PT[4].PV>20.0)\
131                    & (O25PT[5].PV>20.0) & (O25PT[6].PV>20.0) then
132                   BLPHSEQ.STATUS[9]=0
133        end if
134       if (BLPHSEQ.STATUS[9]==0)   goto INIT
135
136
137       !-----Fuel Cell package is STOPPED (not in production)-----------------------------------------------------------------------
138
139       if (SS[1].PV<>100) then
140       BLPHSEQ.STATUS[10]=1
141       else
142       BLPHSEQ.STATUS[10]=0
143       end if
144       if (BLPHSEQ.STATUS[10]==0)   goto INIT
145
146       !------------------------Electrolyser NOT FAULT-------------------------------------------------------------------------------
147       if (O20XA[3].PV==0) then
148       BLPHSEQ.STATUS[11]=1
149       else
150       BLPHSEQ.STATUS[11]=0
151       end if
152       if (BLPHSEQ.STATUS[11]==0)   goto INIT
153
154       !------------------------Water system Treatment package NOT FAULT-------------------------------------------------------------
155       if (O50XA[3].PV==0) then
156       BLPHSEQ.STATUS[12]=1
157       else
158       BLPHSEQ.STATUS[12]=0
159       end if
160       if (BLPHSEQ.STATUS[12]==0)   goto INIT
161
162       !------------------------At least one Seawater Pump NOT FAULT(ESD TRip)-------------------------------------------------------
          --------
163       !-----EMCS informs to PCS the "START request for electroliser package"-----------------------------------
164
165
166
167       !----Check any 1 pump is in auto and no fault (ESD Trip)
168       !if ((SWP[1].BSTS<>"LOCK" OR SWP[1].BSTS<>"TRIP"==0) and (SWP[1].MODE=="AUT")) | ((SWP[2].BSTS<>"LOCK" OR SWP[2].BSTS<>"TRIP"==0)
           and (SWP[2].MODE=="AUT")) then
169       !BLPHSEQ .STATUS[15]=1
170       !else
171       !BLPHSEQ .STATUS[15]=0
172       !goto INIT
173       !end if
174
175       BLPHSEQ.STATUS[15]=1
176
177
178       !-----PCS commands to start WTP package-------------------------------------
179       !if(BLPHSEQ .STATUS[12]==1 and BLPHSEQ .STATUS[15]==1)then
180       !INTSW[3].PV=1      !WTP START CMD
181       !INTSW[6].PV=0      !WTP STOP CMD
182       !BLPHSEQ.STATUS[401]=1
183       !else
184       !INTSW[3].PV=0          !WTP START CMD
185       !end if
186       !if (BLPHSEQ.STATUS[401]==0)   goto INIT
187
188       BLPHSEQ.STATUS[401]=1
189
190       ![BLPHSEQ .OPMSG[1],BLPHSEQ .OPMSG[2],BLPHSEQ .OPMSG[3],BLPHSEQ .OPMSG[4]="PCS COMMANDS TO ","START THE WATER ","SYSTEM TREATMENT"
          ," PACKAGE        "]
191       !if(FWP[1].PV==2 OR FWP[1].PV==2)then
192       !BLPHSEQ .STATUS[17]=1
193       !BLPHSEQ.STATUS[401]=1
194       !else
195       !BLPHSEQ .STATUS[17]=0
196       !end if
197
198       BLPHSEQ.STATUS[17]=1
199
200       if (BLPHSEQ.STATUS[401]==0)   goto INIT
201
202       !------------------------MODE 0 = IDLE (POWER IMPORT ONLY) START PERMISSIVE-------------------------------------------------
203
204       if  (BLPHSEQ.STATUS[1]==1 & BLPHSEQ.STATUS[2]==1 & BLPHSEQ.STATUS[3]==1 & BLPHSEQ.STATUS[4]==1 & BLPHSEQ.STATUS[5]==1 & BLPHSEQ.ST
          ATUS[6]==1\
205            & BLPHSEQ.STATUS[7]==1 & BLPHSEQ.STATUS[8]==1 & BLPHSEQ.STATUS[9]==1 & BLPHSEQ.STATUS[10]==1 & BLPHSEQ.STATUS[11]==1 & BLPHSE
          Q.STATUS[12]==1\
206            & BLPHSEQ.STATUS[15]==1   & BLPHSEQ.STATUS[17]==1)  then
207       !& BLPHSEQ.STATUS[16]==1 & BLPHSEQ.STATUS[17]==1 & BLPHSEQ.STATUS[18]==1 removed Rev01 change
208       BLPHSEQ.STATUS[50]=1
209
210       else
```

```
211         BLPHSEQ.STATUS[50]=0
212         end if
213
214
215         !---------------PCS sends to EMCS the “Permissive to start” for Electrolyser package.-----------------------------------------
216         if  (BLPHSEQ.STATUS[50]==1 & BLPHSEQ.STATUS[19]==0) then
217         PMMODE.MV=1                                     !Permit to enter Idle
218         INTSW[9].PV=1                                       !electrolyzer start permissive
219         delay 5000
220
221         [BLPHSEQ.OPMSG[1],BLPHSEQ.OPMSG[2],BLPHSEQ.OPMSG[3],BLPHSEQ.OPMSG[4]="PCS SENDS TO EMC","S THE PERMISSIVE","TO START FOR ELE","CTR
            OLYSER PCKG  "]
222         BLPHSEQ.STATUS[19]=1
223         End if
224
225
226         DELAY 3000
227
228         !---------RESET PERMISSIVE-----------------------
229         *if  (MODE.PV==1 & PMMODE.MV==1)     PMMODE.MV=0
230         wend@
231         !_____________________________________________________________________________________________________________________________
232         ! As soon as the Permissive to Start is lost
233         while(MODE.PV==1 and BLPHSEQ.STATUS[50]==1)
234         !---All BDV valves in closed position, the feedback statuses are 25-ZSL-005/007/010/013/016/019/022.--------------------
235
236         if (O25BDV[5].PV==2 & O25BDV[7].PV==2 & O25BDV[10].PV==2 & O25BDV[13].PV==2 & O25BDV[16].PV==2 & O25BDV[19].PV==2 & O25BDV[22].PV=
            =2) then
237         BLPHSEQ.STATUS[1]=1
238         else
239         BLPHSEQ.STATUS[1]=0
240         end if
241         !if (BLPHSEQ.STATUS[1]==0)   goto INIT
242
243         !---Shutdown valves 25-SDV-001 and 25-SDV-023 in open position, the feedback statuses are 25-ZSH-001 and 25-ZSH-023.-----
244
245         if (O25SDV[1].PV==2 & O25SDV[23].PV==2)  then
246         BLPHSEQ.STATUS[2]=1
247         else
248         BLPHSEQ.STATUS[2]=0
249         end if
250         !if (BLPHSEQ.STATUS[2]==0)   goto INIT
251
252
253         !-----------------Shutdown valve 64-SDV-001 in closed position, the feedback status is 64-ZSL-001.----------------------
254
255         if (O64SDV[1].PV==0)  then
256         BLPHSEQ.STATUS[3]=1
257         else
258         BLPHSEQ.STATUS[3]=0
259         end if
260         !if (BLPHSEQ.STATUS[3]==0)   goto INIT
261
262
263         !----On-Off valves 25-XV-024 and 80-XV-001 in closed position, the feedback statuses are 25-ZSL-024 and 80-ZSL-001.---------
264
265         if (O25XV[24].PV==0 & O80XV[1].PV==0)   then
266         BLPHSEQ.STATUS[4]=1
267         else
268         BLPHSEQ.STATUS[4]=0
269         end if
270         !if (BLPHSEQ.STATUS[4]==0)   goto INIT
271
272
273         !-------------------------Air system Healthy State:-------------------------------------------------------------------------
274         *1)Instrument Air packages NOT FAULT
275         *2)Pressure transmitter outlet from IA package 63-PT-003>=7 barg
276
277         PRS[1]=(O63PT[3].PV*(dscheck(O63PT[3].#PV,"BAD")==0))
278
279         if (O63XA[3].PV)==0 then
280         BLPHSEQ.STATUS[5]=1
281         else
282         BLPHSEQ.STATUS[5]=0
283         end if
284         !if (BLPHSEQ.STATUS[5]==0)   goto INIT
285
286
287         if (O63XA[3].PV==0 & PRS[1]>=4.5) then
288         BLPHSEQ.STATUS[6]=1
289         else
290         BLPHSEQ.STATUS[6]=0
291         end if
292         !if (BLPHSEQ.STATUS[6]==0)   goto INIT
293
294
295         !------------------------N2 system Healthy State:--------------------------------------------------------------------------
296         *1) Nitrogen packages NOT FAULT
297         *2) Pressure transmitters outlet from Nitrogen package 64-PT-031A>=7 barg or 64-PT-031B>=7 barg.
298
```

```
299         if (O64XA[3].PV)==0 then
300         BLPHSEQ.STATUS[7]=1
301         else
302         BLPHSEQ.STATUS[7]=0
303         end if
304         !if (BLPHSEQ.STATUS[7]==0)   goto INIT
305
306
307         PRS[2]=(O64PT[1].PV*(dscheck(O64PT[1].#PV,"BAD")==0))
308         PRS[3]=(O64PT[2].PV*(dscheck(O64PT[2].#PV,"BAD")==0))
309         if (O64XA[3].PV==0 & (PRS[2]>=4.0 | PRS[3]>=4.0)) then
310         BLPHSEQ.STATUS[8]=1
311         else
312         BLPHSEQ.STATUS[8]=0
313         end if
314
315
316
317         !---------------H2 storage not full (check at least one pressure transmitter on H2 storage vessels is < 20 barg):--------------
318         *1) 25-PT-035
319         *2) 25-PT-037
320         *3) 25-PT-040
321         *4) 25-PT-043
322         *5) 25-PT-046
323         *6) 25-PT-049
324
325         for i=1 to 6
326                   if ((dscheck(O25PT[i].#PV,"BAD")==0) & (O25PT[i].PV<=20.0))   then
327                       BLPHSEQ.STATUS[9]=1
328                   end if
329         next@
330         if         (BLPHSEQ.STATUS[9]==1) & (O25PT[1].PV>20.0) & (O25PT[2].PV>20.0) & (O25PT[3].PV>20.0) & (O25PT[4].PV>20.0)\
331                     & (O25PT[5].PV>20.0) & (O25PT[6].PV>20.0) then
332                    BLPHSEQ.STATUS[9]=0
333         end if
334
335
336
337
338         !-----Fuel Cell package is STOPPED (not in production)-----------------------------------------------------------------------------
339
340         *to be modififed after clarification from YEF.
341         if (SS[1].PV<>100) then
342         BLPHSEQ.STATUS[10]=1
343         else
344         BLPHSEQ.STATUS[10]=0
345         end if
346
347
348         !------------------------Electrolyser NOT FAULT-------------------------------------------------------------------------------------
349         if (O20XA[3].PV==0) then
350         BLPHSEQ.STATUS[11]=1
351         else
352         BLPHSEQ.STATUS[11]=0
353         end if
354
355
356         !------------------------Water system Treatment package NOT FAULT-------------------------------------------------------------------
357         if (O50XA[3].PV==0) then
358         BLPHSEQ.STATUS[12]=1
359         else
360         BLPHSEQ.STATUS[12]=0
361         end if
362
363
364         !------------------------At least one Seawater Pump NOT FAULT-----------------------------------------------------------------------
365         *COMMON FAULT OF SEA WATER INTAKE PUMP TO BE GENERATED
366         !if ((INTSW[1].PV==0 AND SWP[1].MODE="AUT" )| (INTSW[2].PV==0 AND SWP[2].MODE="AUT")) then
367         !BLPHSEQ.STATUS[13]=1
368
369         !else
370         !BLPHSEQ.STATUS[13]=0
371         !end if
372         BLPHSEQ.STATUS[13]=1
373
374         !-----EMCS informs to PCS the "START request for electroliser package"-----------------------------------
375
376         !if (INTSW[7].PV==1)then
377
378         !INTSW[9].PV=1
379
380         !BLPHSEQ.STATUS[14]=1
381
382         !end if
383
384         !----Check any 1 pump is in auto and no fault OR Either of the Pumps running
385
386         !if ((INTSW[1].PV==0 and SWP[1].MODE=="AUT") | (INTSW[2].PV==0 and SWP[2].MODE=="AUT") | ( SWP[1].PV==2  | SWP[2].PV==2)) then
387         !BLPHSEQ .STATUS[15]=1
388         !else
```

```
389         !BLPHSEQ .STATUS[15]=0
390         !end if
391
392         BLPHSEQ .STATUS[15]=1
393
394         !----PCS commands to start the Water system Treatment package (delay xxx sec) (see. 4.2.4).------------
395
396         !if( FWP[1].PV==2 OR FWP[1].PV==2) then
397         !BLPHSEQ .STATUS[17]=1
398         !else
399         !BLPHSEQ .STATUS[17]=0
400         !end if
401         BLPHSEQ .STATUS[17]=1
402         !-------------------------MODE 0 = IDLE (POWER IMPORT ONLY) START PERMISSIVE-----------------------------------------------
403
404         if  (BLPHSEQ.STATUS[1]==1 & BLPHSEQ.STATUS[2]==1 & BLPHSEQ.STATUS[3]==1 & BLPHSEQ.STATUS[4]==1 & BLPHSEQ.STATUS[5]==1 & BLPHSEQ.ST
            ATUS[6]==1\
405              & BLPHSEQ.STATUS[7]==1 & BLPHSEQ.STATUS[8]==1  & BLPHSEQ.STATUS[10]==1 & BLPHSEQ.STATUS[11]==1 & BLPHSEQ.STATUS[12]==1\
406               & BLPHSEQ.STATUS[15]==1 & BLPHSEQ.STATUS[17]==1)  then
407
408         !-----------Rev02 changes 060225
409         !-----------     & BLPHSEQ.STATUS[13]==1 & BLPHSEQ.STATUS[14]==1 & BLPHSEQ.STATUS[15]==1 & BLPHSEQ.STATUS[16]==1 & BLPHSEQ.STATUS[
            17]==1 & BLPHSEQ.STATUS[18]==1)  then
410         !                    & BLPHSEQ.STATUS[13]==1 & BLPHSEQ.STATUS[14]==1 & BLPHSEQ.STATUS[15]==1 & BLPHSEQ.STATUS[17]==1 ) then
411         BLPHSEQ.STATUS[50]=1
412
413         else
414         BLPHSEQ.STATUS[50]=0
415
416         end if
417
418         !---------------PCS sends to EMCS the “Permissive to start” for Electrolyser package.-----------------------------------------
419         if  (BLPHSEQ.STATUS[50]==1 & BLPHSEQ.STATUS[19]==0) then
420         !PMMODE.MV=2       ! MODBUS SIGNAL TO EMCS
421         INTSW[9].PV=1
422         delay 2000
423
424         [BLPHSEQ.OPMSG[1],BLPHSEQ.OPMSG[2],BLPHSEQ.OPMSG[3],BLPHSEQ.OPMSG[4]="PCS SENDS TO EMC","S THE PERMISSIVE","TO START FOR ELE","CTR
            OLYSER PCKG  "]
425         BLPHSEQ.STATUS[19]=1
426
427         else
428         end if
429
430         wend@
431         TRMNT:
432         TM01.OP=TMSTOP
433         t[1].OP=TMSTOP
434         t[2].OP=TMSTOP
435         TM01.PV=0
436         BLPHSEQ.STATUS[19]=0
```

Step Number: 3 Comment:SEQ FAIL X: 6 Y: 14

```
Line Number   SEBOL Program
   001
   002         !------Electrolyser will be stopped by EMCS.------------
   003         INTSW[7].PV=0           !Electroliser stop request
   004
   005         !------PCS will stop the sequence “Process Charging mode” for H2 storage Vessels
   006
   007
   008
   009         !------PCS will stop Water Treatment system-------------
   010
   011
   012
   013
   014
   015
   016         if(ENMODE.PV==1 and BLPHSEQ.STATUS[50]==0)then
   017
   018         !SEND STOP COMMAND TO WTP PACKAGE
   019         INTSW[4].PV=0
   020         INTSW[5].PV=1                   !GROUP STOP COMMAND FO SEA WATER INTAKE PUMP
   021
   022
   023         INTSW[3].PV=0                    !SEND STOP COMMAND TO WTP PACKAGE
   024         INTSW[6].PV=1
   025         wait until (SWP[1].PV==0 & SWP[2].PV==0);TIME 5
   026         INTSW[5].PV=0
   027         wait until (FWP[1].PV==0 & FWP[2].PV==0);TIME 5
   028         INTSW[6].PV=0
   029
   030         Wait until(ENMODE.PV<>1 )
   031         end if
   032
   033         For i=1 to 20
```

```
034         %.STATUS[i]=0
035         next@
036
037
038         Wait until(ENMODE.PV==1)
```

PROJECT:	BLPH-CW1	FILE NAME:	NONEMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-10-1
STATION:	FCS0101	SAVED DATE:	7/9/2025 4:15:41 AM	COMMENT:			
SECTION:	NONEMON	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	6	4	INIT				SEBOL				
2	6	7	PROGRAM				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

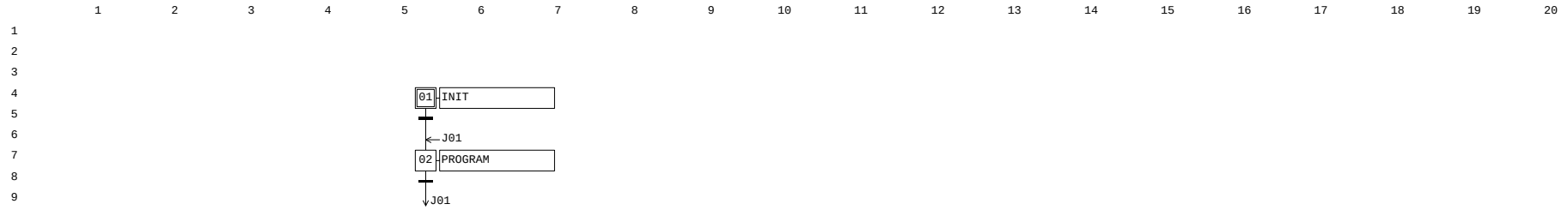
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
6	5		
6	8		

PROJECT:	BLPH-CW1	FILE NAME:	NONEMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-10-3
STATION:	FCS0101	SAVED DATE:	7/9/2025 4:15:41 AM	COMMENT:			
SECTION:	NONEMON	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:



SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:INIT X: 6 Y: 4

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 19 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                    Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024        global             genname        PVI          ENMODE,MODE,PMMODE
   025        global             genname        _SFCSW       BLPHSEQ
   026
   027
   028        assign           "87MODE-003"       to       PMMODE
   029        assign           "87MODE-001"       to       ENMODE
   030        assign           "MODE"             to       MODE
   031        assign           "BLPHSEQ"          to       BLPHSEQ
```

Step Number: 2 Comment:PROGRAM X: 6 Y: 7

```
Line Number   SEBOL Program
   001        wait until (ENMODE.PV==0)
   002        *repeat
   003        *if (ENMODE.PV==0) then
   004        *PMMODE.MV=0
   005        *end if
   006        *until (ENMODE.PV<>0)
```

PROJECT:	BLPH-CW1	FILE NAME:	PWROTMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-11-1
STATION:	FCS0101	SAVED DATE:	7/10/2025 11:41:37 PM	COMMENT:			
SECTION:	PWROTMON	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

PROJECT:	BLPH-CW1	FILE NAME:	PWROTMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-11-2
STATION:	FCS0101	SAVED DATE:	7/10/2025 11:41:37 PM	COMMENT:			
SECTION:	PWROTMON	PRINTED DATE:	9/15/2025	DRAWER:			

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	7	6	MONITORING				SEBOL				
2	7	9	PROGRAMM				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

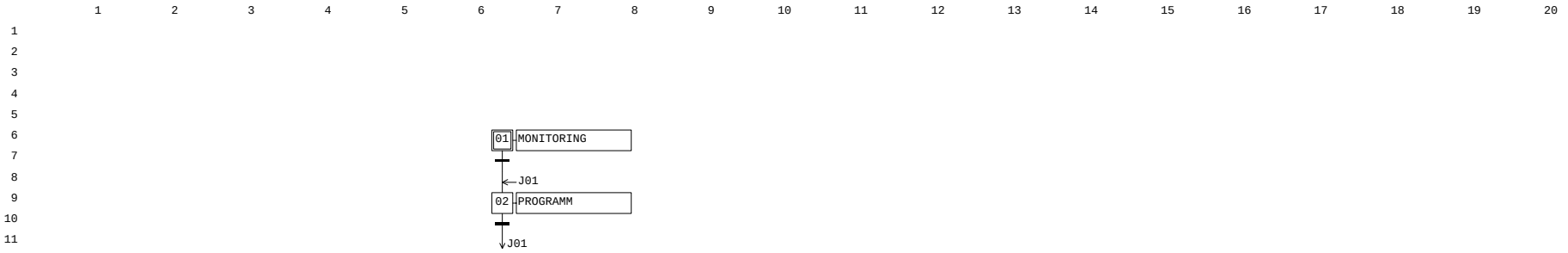
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
7	7		
7	10		

PROJECT:	BLPH-CW1	FILE NAME:	PWROTMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-11-3
STATION:	FCS0101	SAVED DATE:	7/10/2025 11:41:37 PM	COMMENT:			
SECTION:	PWROTMON	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:



SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:MONITORING X: 7 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :E368782Q00-J11DCSE
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 20 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                    Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024        global             genname        PVI             MODE,ENMODE,PMMODE
   025
   026        global             genname        _SFCSW          BLPHSEQ
   027
   028        global             genname        TM              TM01
   029
   030
   031        assign           "87MODE-001"         to               ENMODE
   032        assign           "MODE"               to               MODE
   033        assign           "87MODE-003"         to               PMMODE
   034        assign           "BLPHSEQ"            to               BLPHSEQ
   035        assign           "BLPHSEQTM01"        to               TM01
```

Step Number: 2 Comment:PROGRAMM X: 7 Y: 9

```
Line Number   SEBOL Program
   001        !For electrical details about this mode reference shall be made to doc. “EMCS Software Functional Design Specification (FDS-SW)”.
   002        !From process point of view in the “Power Out mode” neither the Electrolyser nor the Fuel cells is required to run. Only vital loa
              ds will remain powered by UPS systems.
   003        !EMCS is informed of ESD-1D activation (refer to doc. “Process Safety Cause & Effect Matrix”).
   004        wait until (ENMODE.PV==8)
   005        TM01.OP=TMSTAT
   006
   007        repeat
   008        PMMODE.MV=8
   009
   010        until (ENMODE.PV<>8 | MODE.PV==8)
   011        If (MODE.PV==8)       PMMODE.MV=0
   012        TM01.OP=TMSTOP
   013        TM01.PV=0
```

PROJECT:	BLPH-CW1	FILE NAME:	RSRGMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-12-1
STATION:	FCS0101	SAVED DATE:	7/10/2025 12:53:13 AM	COMMENT:			
SECTION:	RSRGMON	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	5	6	MONITORING				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

Plane Number: 0 Comment:

X	Y	Comment	Transition Condition

PROJECT:	BLPH-CW1	FILE NAME:	RSRGMON.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-12-3
STATION:	FCS0101	SAVED DATE:	7/10/2025 12:53:13 AM	COMMENT:			
SECTION:	RSRGMON	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1																				
2																				
3																				
4																				
5																				
6					01	MONITORING														

SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:MONITORING X: 5 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 19 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                    Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023                       genname       PBS5C           PB
   024                       genname       PVI            SEQSEL
   025                       genname         MLD-SW        PMMODE
   026                       integer       a
   027
   028
   029        ********************************************************************************
   030        *Assigning Variables
   031        ********************************************************************************
   032        assign           "BLPHSEQPB"        to        PB
   033        assign           "MODE"             to        SEQSEL
   034        assign           "87MODE-003"       to        PMMODE
   035        ********************************************************************************
   036        while(1)
   037        if (SEQSEL.PV==10)                             a=1
   038        if (SEQSEL.PV==10)                             PMMODE.MV=0
   039        if (SEQSEL.PV<>10 & SEQSEL.PV<>9 & %.H2ILK==1)   [a,%.H2ILK=0,0]
   040        if (SEQSEL.PV==10 & a==1)                      %.H2ILK=1
   041        wend@
```

PROJECT:	BLPH-CW1	FILE NAME:	SEQCN.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-13-1
STATION:	FCS0101	SAVED DATE:	7/11/2025 7:19:36 AM	COMMENT:			
SECTION:	SEQCN	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Phase signal	Description Method	Generic Name	Variable Name	Execution Step	Step Name
1	6	6	CONCURENCY CHECK				SEBOL				

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

Plane Number: 0 Comment:

X	Y	Comment	Transition Condition

PROJECT:	BLPH-CW1	FILE NAME:	SEQCN.edf	SHEET:		YOKOGAWA	PAGE:3-5-1-13-3
STATION:	FCS0101	SAVED DATE:	7/11/2025 7:19:36 AM	COMMENT:			
SECTION:	SEQCN	PRINTED DATE:	9/15/2025	DRAWER:			

SFC

Plane Number: 0 Comment:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1																				
2																				
3																				
4																				
5																				
6						01	CONCURENCY CHECK													

SEBOL Statement

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:CONCURENCY CHECK X: 6 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :E368782Q00-J11DCSE
   004        * Original Author   : Yokogawa India Limited
   005        * Original Date     : 20 August 2024
   006        * State No             : 1
   007        * State Name           : INITIALIZATION
   008        * Description          : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               -------------------------
   015        * 0.0                                                  Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024                       genname         PVI            MODE              ! ELECTROLISER MODE
   025                       genname        _SFCSW          BLPH,BLPH1
   026
   027        integer a[15],i
   028
   029        ********************************************************************************
   030        *   Assign Variables
   031        ********************************************************************************
   032        assign           "MODE"              to               MODE
   033        assign           "BLPHSEQ"           to               BLPH
   034        assign           "SEQPERM16"         to               BLPH1
   035
   036
   037        while(1)
   038        if (BLPH.BSTS=="RUN") then
   039            if (BLPH.STEPNO==5) then
   040               a[1]=5
   041              [a[2],a[3],a[4],a[5],a[6],a[7],a[8],a[9],a[10],a[11],a[12],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]
   042            end if
   043            if (a[1]==5 & MODE.PV<>0) then
   044                BLPH.BSTS="STOP"
   045            end if
   046
   047            if ((a[2]==0) AND (BLPH.STEPNO==6 | BLPH.STEPNO==22)) then
   048               a[2]=6
   049              [a[1],a[3],a[4],a[5],a[6],a[7],a[8],a[9],a[10],a[11],a[12],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]
   050            end if
   051            if (a[2]==6 & (MODE.PV<>1 & MODE.PV<>2 & MODE.PV<>3 )) then
   052                BLPH.BSTS="STOP"
   053            end if
   054
   055            if ((a[3]==0) AND (BLPH.STEPNO==7 | BLPH.STEPNO==22))  then
   056               a[3]=7
   057              [a[1],a[2],a[4],a[5],a[6],a[7],a[8],a[9],a[10],a[11],a[12],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]
   058            end if
   059            if (a[3]==7 & ( MODE.PV<>1 & MODE.PV<>2 & MODE.PV<>3 )) then
   060                BLPH.BSTS="STOP"
   061            end if
   062
   063            if (BLPH.STEPNO==8) then
   064               a[4]=8
   065              [a[2],a[3],a[1],a[5],a[6],a[7],a[8],a[9],a[10],a[11],a[12],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]
   066            end if
   067            if (a[4]==8 & MODE.PV<>4) then
   068                BLPH.BSTS="STOP"
   069            end if
   070
   071            if (BLPH.STEPNO==9) then
   072               a[5]=9
   073              [a[2],a[3],a[1],a[4],a[6],a[7],a[8],a[9],a[10],a[11],a[12],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]
   074            end if
   075            if (a[5]==9 & MODE.PV<>5 ) then
   076                BLPH.BSTS="STOP"
   077            end if
   078
   079            if (BLPH.STEPNO==10) then
   080               a[6]=10
   081              [a[2],a[3],a[1],a[4],a[5],a[7],a[8],a[9],a[10],a[11],a[12],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]
   082            end if
   083            if (a[6]==10 & MODE.PV<>6) then
```

```
084                BLPH.BSTS="STOP"
085            end if
086
087            if (BLPH.STEPNO==11 ) then
088               a[7]=11
089              [a[2],a[3],a[1],a[4],a[5],a[6],a[8],a[9],a[10],a[11],a[12],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0]
090            end if
091            if (a[7]==11 & MODE.PV<>7) then
092                BLPH.BSTS="STOP"
093            end if
094
095            if (BLPH.STEPNO==12) then
096               a[8]=12
097              [a[2],a[3],a[1],a[4],a[5],a[6],a[7],a[9],a[10],a[11],a[12],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0]
098            end if
099            if (a[8]==12 & MODE.PV<>8) then
100               BLPH.BSTS="STOP"
101            end if
102
103            if (BLPH.STEPNO==13) then
104               a[9]=13
105              [a[2],a[3],a[1],a[4],a[5],a[6],a[7],a[8],a[10],a[11],a[12],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0]
106            end if
107            if (a[9]==13 & MODE.PV<>9) then
108               BLPH.BSTS="STOP"
109            end if
110
111            if (BLPH.STEPNO==14) then
112               a[10]=14
113              [a[2],a[3],a[1],a[4],a[5],a[6],a[7],a[8],a[9],a[11],a[12],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0]
114            end if
115            if (a[10]==14 & MODE.PV<>10) then
116               BLPH.BSTS="STOP"
117            end if
118
119            if (BLPH1.STEPNO==3) then
120               a[11]= 3
121              [a[2],a[3],a[1],a[4],a[5],a[6],a[7],a[8],a[9],a[10],a[12],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0]
122            end if
123            if (a[11]==3 & MODE.PV<>10) then
124               BLPH1.BSTS="STOP"
125            end if
126
127            if (BLPH1.STEPNO==4) then
128               a[12]= 4
129              [a[2],a[3],a[1],a[4],a[5],a[6],a[7],a[8],a[9],a[10],a[11],a[13],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0]
130            end if
131            if (a[12]==4 & MODE.PV<>10) then
132               BLPH1.BSTS="STOP"
133            end if
134
135            if (BLPH1.STEPNO==5) then
136               a[13]= 5
137              [a[2],a[3],a[1],a[4],a[5],a[6],a[7],a[8],a[9],a[10],a[11],a[12],a[14],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0]
138            end if
139            if (a[13]==5 & MODE.PV<>10) then
140               BLPH1.BSTS="STOP"
141            end if
142
143            if (BLPH.STEPNO==24 & MODE.PV==5) then
144               a[14]= 24
145              [a[2],a[3],a[1],a[4],a[5],a[6],a[7],a[8],a[9],a[10],a[11],a[13],a[12],a[15]=0,0,0,0,0,0,0,0,0,0,0,0,0,0]
146            end if
147            if (a[14]==24 & MODE.PV<>5) then
148               BLPH.BSTS="STOP"
149            end if
150
151            if (BLPH.STEPNO==24 & MODE.PV==7) then
152               a[15]= 25
153              [a[2],a[3],a[1],a[4],a[5],a[6],a[7],a[8],a[9],a[10],a[11],a[13],a[12],a[14]=0,0,0,0,0,0,0,0,0,0,0,0,0,0]
154            end if
155            if (a[14]==25 & MODE.PV<>7) then
156               BLPH.BSTS="STOP"
157            end if
158
159        end if
160
161
162        if (BLPH.BSTS=="STOP" OR BLPH1.BSTS=="STOP") then
163        for i=1 to 15
164        a[i]=0
165        next@
166        delay 2000
167        BLPH.BSTS="RUN"
168        BLPH1.BSTS="RUN"
169        end if
170
171        wend@
172
173
```

174
175

Node Property: FCS0101

Node Number 1
Type

Type	ESB Bus/Optical ESB Bus
Dual-Redundant Power Supply	YES
Power Supply Unit	80W
Use Optical ESB Bus	No
Component number	
Node comment	

IOM Properties:FCS0101

Node: 1 Slot: 1
Type and Position

Category	Analog Input/Output(HART Compliant)
Type	AAI143-H(16-Channel Current Input, Isolated, HART Compliant)
Slot	1
Duplicate Next Card	YES
High Speed Read	NO
IOM Comment	

Set Details

Command	

Node: 1 Slot: 3
Type and Position

Category	Analog Input/Output(HART Compliant)
Type	AAI143-H(16-Channel Current Input, Isolated, HART Compliant)
Slot	3
Duplicate Next Card	YES
High Speed Read	NO
IOM Comment	

Set Details

Command	

Node: 1 Slot: 5
Type and Position

Category	Status Input
Type	ADV151-P(32-Channel Status Input)
Slot	5
Duplicate Next Card	YES
High Speed Read	NO
IOM Comment	

Set Details

Filter Setting	2
Command	

PROJECT:	BLPH-CW1	FILE NAME:	1AAI143-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-1-3-1
STATION:	FCS0101	SAVED DATE:	3/22/2025 5:23:37 AM	COMMENT:			
SECTION:	1AAI143-H	PRINTED DATE:	9/15/2025	DRAWER:			

IOM Builder

Line: 1 Node: 1 Slot: 1 IOM:AAI143-H

Analog Data

Terminal	Signal	Conversion	Service Comment
%Z011101	Input	Current Input(from HART device)	V-25001A PR CNTRL
%Z011102	Input	Current Input(from HART device)	V-25001B PR CNTRL
%Z011103	Input	Current Input(from HART device)	V-25001C PR CNTRL
%Z011104	Input	Current Input(from HART device)	V-25001D PR CNTRL
%Z011105	Input	Current Input(from HART device)	V-25001E PR CNTRL
%Z011106	Input	Current Input(from HART device)	V-25001F PR CNTRL
%Z011107	Input	Current Input(from HART device)	H2 KO DRUM V-43001 FLW
%Z011108	Input	Current Input(from HART device)	V-25001A POS FB
%Z011109	Input	Current Input(from HART device)	V-25001B POS FB
%Z011110	Input	Current Input(from HART device)	V-25001C POS FB
%Z011111	Input	Current Input(from HART device)	V-25001D POS FB
%Z011112	Input	Current Input(from HART device)	V-25001E POS FB
%Z011113	Input	Current Input(from HART device)	V-25001F POS FB
%Z011114	Input	Current Input(from HART device)	WIRED SPARE
%Z011115	Input	Current Input(from HART device)	WIRED SPARE
%Z011116	Input	Current Input(from HART device)	SPARE

HART Variable

Terminal	Channel	Data	Polling Address	Service Comment
%Z011201	1	Secondary Value + Device Status		
%Z011202	2	Device Status		
%Z011203	3	Device Status		
%Z011204	4	Device Status		
%Z011205	5	Device Status		
%Z011206	6	Device Status		
%Z011207	7	Device Status		
%Z011208	8	Device Status		
%Z011209	9	Device Status		
%Z011210	10	Device Status		
%Z011211	11	Device Status		
%Z011212	12	Device Status		
%Z011213	13	Device Status		
%Z011214	14	Device Status		
%Z011215	15	Device Status		
%Z011216	16	Device Status		
%Z011217				
%Z011218				
%Z011219				
%Z011220				
%Z011221				
%Z011222				
%Z011223				
%Z011224				
%Z011225				
%Z011226				
%Z011227				
%Z011228				
%Z011229				
%Z011230				
%Z011231				

PROJECT:	BLPH-CW1	FILE NAME:	1AAI143-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-1-3-2
STATION:	FCS0101	SAVED DATE:	3/22/2025 5:23:37 AM	COMMENT:			
SECTION:	1AAI143-H	PRINTED DATE:	9/15/2025	DRAWER:			

Detail definition

Terminal	Detect IOP	IOP detection level		Cold Jct. Comp.	Fallback	Pulse Input	Transmitter Power	Command
%Z011101	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011102	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011103	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011104	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011105	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011106	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011107	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011108	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011109	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011110	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011111	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011112	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011113	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011114	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011115	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z011116	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	

PROJECT:	BLPH-CW1	FILE NAME:	3AAI143-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-1-4-1
STATION:	FCS0101	SAVED DATE:	3/22/2025 3:56:43 AM	COMMENT:			
SECTION:	3AAI143-H	PRINTED DATE:	9/15/2025	DRAWER:			

IOM Builder

Line: 1 Node: 1 Slot: 3 IOM:AAI143-H

Analog Data

Terminal	Signal	Conversion	Service Comment
%Z013101	Input	Current Input(from HART device)	N2 FLW FBTO V-25001A
%Z013102	Input	Current Input(from HART device)	N2 FLW FBTO V-25001B
%Z013103	Input	Current Input(from HART device)	N2 FLW FBTO V-25001C
%Z013104	Input	Current Input(from HART device)	N2 FLW FBTO V-25001D
%Z013105	Input	Current Input(from HART device)	N2 FLW FBTO V-25001E
%Z013106	Input	Current Input(from HART device)	N2 FLW FBTO V-25001F
%Z013107	Input	Current Input(from HART device)	N2 POS FB TOV-25001A
%Z013108	Input	Current Input(from HART device)	N2 POS FB TOV-25001B
%Z013109	Input	Current Input(from HART device)	N2 POS FB TOV-25001C
%Z013110	Input	Current Input(from HART device)	N2 POS FB TOV-25001D
%Z013111	Input	Current Input(from HART device)	N2 POS FB TOV-25001F
%Z013112	Input	Current Input(from HART device)	N2 POS FB TOV-25001E
%Z013113	Input	Current Input(from HART device)	H2 IL HDR PRTO VESSEL
%Z013114	Input	Current Input(from HART device)	WIRED SPARE
%Z013115	Input	Current Input(from HART device)	WIRED SPARE
%Z013116	Input	Current Input(from HART device)	WIRED SPARE

HART Variable

Terminal	Channel	Data	Polling Address	Service Comment
%Z013201	1	Device Status		
%Z013202	2	Device Status		
%Z013203	3	Device Status		
%Z013204	4	Device Status		
%Z013205	5	Device Status		
%Z013206	6	Device Status		
%Z013207	7	Device Status		
%Z013208	8	Device Status		
%Z013209	9	Device Status		
%Z013210	10	Device Status		
%Z013211	11	Device Status		
%Z013212	12	Device Status		
%Z013213	13	Device Status		
%Z013214	14	Device Status		
%Z013215	15	Device Status		
%Z013216	16	Device Status		
%Z013217				
%Z013218				
%Z013219				
%Z013220				
%Z013221				
%Z013222				
%Z013223				
%Z013224				
%Z013225				
%Z013226				
%Z013227				
%Z013228				
%Z013229				
%Z013230				
%Z013231				

PROJECT:	BLPH-CW1	FILE NAME:	3AAI143-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-1-4-2
STATION:	FCS0101	SAVED DATE:	3/22/2025 3:56:43 AM	COMMENT:			
SECTION:	3AAI143-H	PRINTED DATE:	9/15/2025	DRAWER:			

Detail definition

Terminal	Detect IOP	IOP detection level		Cold Jct. Comp.	Fallback	Pulse Input	Transmitter Power	Command
%Z013101	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013102	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013103	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013104	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013105	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013106	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013107	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013108	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013109	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013110	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013111	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013112	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013113	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013114	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013115	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z013116	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	

PROJECT:	BLPH-CW1	FILE NAME:	5ADV151-P.edf	SHEET:		YOKOGAWA	PAGE:3-6-1-5-1
STATION:	FCS0101	SAVED DATE:	9/24/2024 7:34:16 AM	COMMENT:			
SECTION:	5ADV151-P	PRINTED DATE:	9/15/2025	DRAWER:			

IOM Builder

Line: 1 Node: 1 Slot: 5 IOM:ADV151-P

Terminal	Signal	Mode	P&ID Tag Name	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2
%Z015101	Input	SI	25ZSL-006	25ZSL-006	H2 OL LS CLSV-25001A	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015102	Input	SI	25ZSH-006	25ZSH-006	H2 OL LS OPNV-25001A	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015103	Input	SI	25ZSL-009	25ZSL-009	V-25001B LS CLS PR CTRL	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015104	Input	SI	25ZSH-009	25ZSH-009	V-25001B LS OPN PR CTRL	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015105	Input	SI	25ZSL-012	25ZSL-012	H2 OL LS CLSV-25001C	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015106	Input	SI	25ZSH-012	25ZSH-012	H2 OL LS OPNV-25001C	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015107	Input	SI	25ZSL-015	25ZSL-015	H2 OL LS CLSV-25001D	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015108	Input	SI	25ZSH-015	25ZSH-015	H2 OL LS OPNV-25001D	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015109	Input	SI	25ZSL-018	25ZSL-018	V-25001E LS CLS PR CTRL	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015110	Input	SI	25ZSH-018	25ZSH-018	V-25001E LS OPN PR CTRL	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015111	Input	SI	25ZSL-021	25ZSL-021	H2 OL LS CLSV-25001F	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015112	Input	SI	25ZSH-021	25ZSH-021	H2 OL LS OPNV-25001F	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015113	Input	SI	25ZSL-046	25ZSL-046	V-25001E LS CLS PR CTRL	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015114	Input	SI	25ZSH-046	25ZSH-046	V-25001E LS OPN PR CTRL	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015115	Input	SI	25ZSL-049	25ZSL-049	V-25001F LS CLS PR CTRL	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015116	Input	SI	25ZSH-049	25ZSH-049	V-25001F LS OPN PR CTRL	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015117	Input	SI	25ZSL-040	25ZSL-040	V-25001C LS CLS PR CTRL	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015118	Input	SI	25ZSH-040	25ZSH-040	V-25001C LS OPN PR CTRL	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015119	Input	SI	25ZSL-043	25ZSL-043	V-25001D LS CLS PR CTRL	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015120	Input	SI	25ZSH-043	25ZSH-043	V-25001D LS OPN PR CTRL	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015121	Input	SI	25ZSL-035	25ZSL-035	V-25001A LS CLS PR CTRL	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015122	Input	SI	25ZSH-035	25ZSH-035	V-25001A LS OPN PR CTRL	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015123	Input	SI	25ZSL-037	25ZSL-037	V-25001B LS CLS PR CTRL	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z015124	Input	SI	25ZSH-037	25ZSH-037	V-25001B LS OPN PR CTRL	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z015125	Input	SI	WS0101010525	WS0101010525	WIRED SPARE	ON,,OFF,ON	Direct	GR	R
%Z015126	Input	SI	WS0101010526	WS0101010526	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z015127	Input	SI	WS0101010527	WS0101010527	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z015128	Input	SI	WS0101010528	WS0101010528	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z015129	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	G	GR
%Z015130	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	G	GR
%Z015131	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	G	GR
%Z015132	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	G	GR

Node Property: FCS0101

Node Number 2
Type

Type	ESB Bus/Optical ESB Bus
Dual-Redundant Power Supply	YES
Power Supply Unit	80W
Use Optical ESB Bus	No
Component number	
Node comment	

IOM Properties:FCS0101

Node: 2 Slot: 1
Type and Position

Category	Analog Input/Output(HART Compliant)
Type	AAI143-H(16-Channel Current Input, Isolated, HART Compliant)
Slot	1
Duplicate Next Card	YES
High Speed Read	NO
IOM Comment	

Set Details

Command	

Node: 2 Slot: 3
Type and Position

Category	Analog Input/Output(HART Compliant)
Type	AAI543-H(16-Channel Current Output, Isolated, HART Compliant)
Slot	3
Duplicate Next Card	YES
Output Type	Output in a lump
High Speed Read	NO
IOM Comment	

Set Details

Detect OOP	YES
Fallback Specification	YES
OOP Clear	NO
Command	

Node: 2 Slot: 5
Type and Position

Category	Status Input
Type	ADV151-P(32-Channel Status Input)
Slot	5
Duplicate Next Card	YES
High Speed Read	NO
IOM Comment	

Set Details

Filter Setting	2
Command	

PROJECT:	BLPH-CW1	FILE NAME:	1AAI143-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-2-3-1
STATION:	FCS0101	SAVED DATE:	3/22/2025 4:11:21 AM	COMMENT:			
SECTION:	1AAI143-H	PRINTED DATE:	9/15/2025	DRAWER:			

IOM Builder

Line: 1 Node: 2 Slot: 1 IOM:AAI143-H

Analog Data

Terminal	Signal	Conversion	Service Comment
%Z021101	Input	Current Input(from HART device)	H2 OL HDR PRCNTRL FB
%Z021102	Input	Current Input(from HART device)	H2 OL HDR PRPOS FB
%Z021103	Input	Current Input(from HART device)	KO DRUM PR V-43001
%Z021104	Input	Current Input(from HART device)	WIRED SPARE
%Z021105	Input	Current Input(from HART device)	H2 VENT LVL LO Q-43004
%Z021106	Input	Current Input(from HART device)	N2 PR CNTRL TO DISTB HDR
%Z021107	Input	Current Input(from HART device)	N2 PR CNTRL TO DISTB HDR
%Z021108	Input	Current Input(from HART device)	WIRED SPARE
%Z021109	Input	Current Input(from HART device)	SPARE
%Z021110	Input	Current Input(from HART device)	SPARE
%Z021111	Input	Current Input(from HART device)	SPARE
%Z021112	Input	Current Input(from HART device)	SPARE
%Z021113	Input	Current Input(from HART device)	SPARE
%Z021114	Input	Current Input(from HART device)	SPARE
%Z021115	Input	Current Input(from HART device)	SPARE
%Z021116	Input	Current Input(from HART device)	SPARE

HART Variable

Terminal	Channel	Data	Polling Address	Service Comment
%Z021201	1	Device Status		
%Z021202	2	Device Status		
%Z021203	3	Device Status		
%Z021204	4	Device Status		
%Z021205	5	Device Status		
%Z021206	6	Device Status		
%Z021207	7	Device Status		
%Z021208	8	Device Status		
%Z021209	9	Device Status		
%Z021210	10	Device Status		
%Z021211	11	Device Status		
%Z021212	12	Device Status		
%Z021213	13	Device Status		
%Z021214	14	Device Status		
%Z021215	15	Device Status		
%Z021216	16	Device Status		
%Z021217				
%Z021218				
%Z021219				
%Z021220				
%Z021221				
%Z021222				
%Z021223				
%Z021224				
%Z021225				
%Z021226				
%Z021227				
%Z021228				
%Z021229				
%Z021230				
%Z021231				

PROJECT:	BLPH-CW1	FILE NAME:	1AAI143-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-2-3-2
STATION:	FCS0101	SAVED DATE:	3/22/2025 4:11:21 AM	COMMENT:			
SECTION:	1AAI143-H	PRINTED DATE:	9/15/2025	DRAWER:			

Detail definition

Terminal	Detect IOP	IOP detection level		Cold Jct. Comp.	Fallback	Pulse Input	Transmitter Power	Command
%Z021101	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021102	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021103	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021104	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021105	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021106	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021107	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021108	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021109	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021110	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021111	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021112	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021113	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021114	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021115	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z021116	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	

PROJECT:	BLPH-CW1	FILE NAME:	3AAI543-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-2-4-1
STATION:	FCS0101	SAVED DATE:	3/22/2025 3:55:20 AM	COMMENT:			
SECTION:	3AAI543-H	PRINTED DATE:	9/15/2025	DRAWER:			

IOM Builder

Line: 1 Node: 2 Slot: 3 IOM:AAI543-H

Analog Data

Terminal	Signal	Conversion	Service Comment
%Z023101	Output	Current Output(to HART device)	H2 OL HDR PRCNTRL CMD
%Z023102	Output	Current Output(to HART device)	N2 PR CNTRL CMD TO HDR
%Z023103	Output	Current Output(to HART device)	V-25001A PR CNTRL CMD
%Z023104	Output	Current Output(to HART device)	V-25001B PR CNTRL CMD
%Z023105	Output	Current Output(to HART device)	V-25001C PR CNTRL CMD
%Z023106	Output	Current Output(to HART device)	V-25001D PR CNTRL CMD
%Z023107	Output	Current Output(to HART device)	V-25001E PR CNTRL CMD
%Z023108	Output	Current Output(to HART device)	V-25001F PR CNTRL CMD
%Z023109	Output	Current Output(to HART device)	SPARE
%Z023110	Output	Current Output(to HART device)	SPARE
%Z023111	Output	Current Output(to HART device)	SPARE
%Z023112	Output	Current Output(to HART device)	SPARE
%Z023113	Output	Current Output(to HART device)	SPARE
%Z023114	Output	Current Output(to HART device)	SPARE
%Z023115	Output	Current Output(to HART device)	SPARE
%Z023116	Output	Current Output(to HART device)	SPARE

HART Variable

Terminal	Channel	Data	Polling Address	Service Comment
%Z023201	1	Device Status		
%Z023202	2	Device Status		
%Z023203	3	Device Status		
%Z023204	4	Device Status		
%Z023205	5	Device Status		
%Z023206	6	Device Status		
%Z023207	7	Device Status		
%Z023208	8	Device Status		
%Z023209	9	Device Status		
%Z023210	10	Device Status		
%Z023211	11	Device Status		
%Z023212	12	Device Status		
%Z023213	13	Device Status		
%Z023214	14	Device Status		
%Z023215	15	Device Status		
%Z023216	16	Device Status		
%Z023217				
%Z023218				
%Z023219				
%Z023220				
%Z023221				
%Z023222				
%Z023223				
%Z023224				
%Z023225				
%Z023226				
%Z023227				
%Z023228				
%Z023229				
%Z023230				
%Z023231				

PROJECT:	BLPH-CW1	FILE NAME:	3AAI543-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-2-4-2
STATION:	FCS0101	SAVED DATE:	3/22/2025 3:55:20 AM	COMMENT:			
SECTION:	3AAI543-H	PRINTED DATE:	9/15/2025	DRAWER:			

Detail definition

Terminal	Detect IOP	IOP detection level		Cold Jct. Comp.	Fallback	Pulse Input	Transmitter Power	Command
%Z023101	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023102	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023103	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023104	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023105	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023106	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023107	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023108	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023109	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023110	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023111	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023112	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023113	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023114	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023115	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z023116	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	

PROJECT:	BLPH-CW1	FILE NAME:	5ADV151-P.edf	SHEET:		YOKOGAWA	PAGE:3-6-2-5-1
STATION:	FCS0101	SAVED DATE:	11/21/2024 1:36:08 AM	COMMENT:			
SECTION:	5ADV151-P	PRINTED DATE:	9/15/2025	DRAWER:			

IOM Builder

Line: 1 Node: 2 Slot: 5 IOM:ADV151-P

Terminal	Signal	Mode	P&ID Tag Name	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2
%Z025101	Input	SI	25ZSL-055A	25ZSL-055A	H2 OL HDR PRLS CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025102	Input	SI	25ZSH-055A	25ZSH-055A	H2 OL HDR PRLS OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025103	Input	SI	64ZSL-031A	64ZSL-031A	N2 LS CLSPR CTRL TO HDR	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025104	Input	SI	64ZSH-031A	64ZSH-031A	N2 LS OPNPR CTRL TO HDR	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025105	Input	SI	80ZSL-001	80ZSL-001	H2 STOR LS CLS A-80000	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025106	Input	SI	80ZSH-001	80ZSH-001	H2 STOR LS OPN A-80000	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025107	Input	SI	25ZSL-004	25ZSL-004	V-25001A LS CLS PR CTRL	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025108	Input	SI	25ZSH-004	25ZSH-004	V-25001A LS OPN PR CTRL	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025109	Input	SI	25ZSL-008	25ZSL-008	H2 IL LS CLSV-25001B	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025110	Input	SI	25ZSH-008	25ZSH-008	H2 IL LS OPNV-25001B	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025111	Input	SI	25ZSL-011	25ZSL-011	H2 IL LS CLSV-25001C	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025112	Input	SI	25ZSH-011	25ZSH-011	H2 IL LS OPNV-25001C	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025113	Input	SI	25ZSL-014	25ZSL-014	V-25001D LS CLS PR CTRL	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025114	Input	SI	25ZSH-014	25ZSH-014	V-25001D LS OPN PR CTRL	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025115	Input	SI	25ZSL-017	25ZSL-017	H2 IL LS CLSV-25001E	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025116	Input	SI	25ZSH-017	25ZSH-017	H2 IL LS OPNV-25001E	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025117	Input	SI	25ZSL-020	25ZSL-020	H2 IL LS CLSV-25001F	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025118	Input	SI	25ZSH-020	25ZSH-020	H2 IL LS OPNV-25001F	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025119	Input	SI	25ZSL-031	25ZSL-031	N2 LS CLSTO V-25001A	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025120	Input	SI	25ZSH-031	25ZSH-031	N2 LS OPNTO V-25001A	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025121	Input	SI	25ZSL-032	25ZSL-032	N2 LS CLSTO V-25001B	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025122	Input	SI	25ZSH-032	25ZSH-032	N2 LS OPNTO V-25001B	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025123	Input	SI	25ZSL-033	25ZSL-033	N2 LS CLSTO V-25001C	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025124	Input	SI	25ZSH-033	25ZSH-033	N2 LS OPNTO V-25001C	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025125	Input	SI	25ZSL-034	25ZSL-034	N2 LS CLSTO V-25001D	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z025126	Input	SI	25ZSH-034	25ZSH-034	N2 LS OPNTO V-25001D	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z025127	Input	SI	WS0101020527	WS0101020527	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z025128	Input	SI	WS0101020528	WS0101020528	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z025129	Input	SI	WS0101020529	WS0101020529	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z025130	Input	SI	WS0101020530	WS0101020530	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z025131	Input	SI	SPARE		spare	ON,,OFF,ON	Direct	G	GR
%Z025132	Input	SI	SPARE		spare	ON,,OFF,ON	Direct	G	GR

Node Property: FCS0101

Node Number 3
Type

Type	ESB Bus/Optical ESB Bus
Dual-Redundant Power Supply	YES
Power Supply Unit	80W
Use Optical ESB Bus	No
Component number	
Node comment	

IOM Properties:FCS0101

Node: 3 Slot: 1
Type and Position

Category	Analog Input/Output(HART Compliant)
Type	AAI143-H(16-Channel Current Input, Isolated, HART Compliant)
Slot	1
Duplicate Next Card	YES
High Speed Read	NO
IOM Comment	

Set Details

Command	

Node: 3 Slot: 3
Type and Position

Category	Analog Input/Output(HART Compliant)
Type	AAI543-H(16-Channel Current Output, Isolated, HART Compliant)
Slot	3
Duplicate Next Card	YES
Output Type	Output in a lump
High Speed Read	NO
IOM Comment	

Set Details

Detect OOP	YES
Fallback Specification	YES
OOP Clear	NO
Command	

Node: 3 Slot: 5
Type and Position

Category	Status Input
Type	ADV151-P(32-Channel Status Input)
Slot	5
Duplicate Next Card	YES
High Speed Read	NO
IOM Comment	

Set Details

Filter Setting	2
Command	

Node: 3 Slot: 7
Type and Position

Category	Ethernet Communication
Type	ALE111(Ethernet Communication)
Slot	7
High Speed Read	NO
IOM Comment	LVSWGR

Set Details

Connected Device Name	FMODBUS
IP Address	10.230.162.193
Subnet Mask	255.255.255.248
Default Gateway	10.230.162.198
Response Timeout	5
Number of Retries Upon Response Timeout	10
Recovery Communication Time Interval	30
Option 1	502
Option 2	
Option 3	
Option 4	
Command	

PROJECT:	BLPH-CW1	FILE NAME:	1AAI143-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-3-3-1
STATION:	FCS0101	SAVED DATE:	3/22/2025 3:57:00 AM	COMMENT:			
SECTION:	1AAI143-H	PRINTED DATE:	9/15/2025	DRAWER:			

IOM Builder

Line: 1 Node: 3 Slot: 1 IOM:AAI143-H

Analog Data

Terminal	Signal	Conversion	Service Comment
%Z031101	Input	Current Input(from HART device)	H2 OL HDR PRCNTRL FB
%Z031102	Input	Current Input(from HART device)	H2 OL HDR PRPOS FB
%Z031103	Input	Current Input(from HART device)	PMP P-50001ASEA WTR PR
%Z031104	Input	Current Input(from HART device)	PMP P-50001BSEA WTR PR
%Z031105	Input	Current Input(from HART device)	N2 PR CNTRL TO DISTB HDR
%Z031106	Input	Current Input(from HART device)	N2 PR CNTRL TO DISTB HDR
%Z031107	Input	Current Input(from HART device)	TMP FRM PMP P-50001A/B
%Z031108	Input	Current Input(from HART device)	WTR HDR TEMPTO B-50014
%Z031109	Input	Current Input(from HART device)	WTR HDR PR TO B-50014
%Z031110	Input	Current Input(from HART device)	VESSEL LVL T-5501
%Z031111	Input	Current Input(from HART device)	INST AIR TO DISTB HDR
%Z031112	Input	Current Input(from HART device)	WIRED SPARE
%Z031113	Input	Current Input(from HART device)	WIRED SPARE
%Z031114	Input	Current Input(from HART device)	SPARE
%Z031115	Input	Current Input(from HART device)	SPARE
%Z031116	Input	Current Input(from HART device)	SPARE

HART Variable

Terminal	Channel	Data	Polling Address	Service Comment
%Z031201	1	Device Status		
%Z031202	2	Device Status		
%Z031203	3	Device Status		
%Z031204	4	Device Status		
%Z031205	5	Device Status		
%Z031206	6	Device Status		
%Z031207	7	Device Status		
%Z031208	8	Device Status		
%Z031209	9	Device Status		
%Z031210	10	Device Status		
%Z031211	11	Device Status		
%Z031212	12	Device Status		
%Z031213	13	Device Status		
%Z031214	14	Device Status		
%Z031215	15	Device Status		
%Z031216	16	Device Status		
%Z031217				
%Z031218				
%Z031219				
%Z031220				
%Z031221				
%Z031222				
%Z031223				
%Z031224				
%Z031225				
%Z031226				
%Z031227				
%Z031228				
%Z031229				
%Z031230				
%Z031231				

PROJECT:	BLPH-CW1	FILE NAME:	1AAI143-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-3-3-2
STATION:	FCS0101	SAVED DATE:	3/22/2025 3:57:00 AM	COMMENT:			
SECTION:	1AAI143-H	PRINTED DATE:	9/15/2025	DRAWER:			

Detail definition

Terminal	Detect IOP	IOP detection level		Cold Jct. Comp.	Fallback	Pulse Input	Transmitter Power	Command
%Z031101	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031102	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031103	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031104	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031105	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031106	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031107	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031108	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031109	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031110	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031111	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031112	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031113	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031114	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031115	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z031116	YES	106.3	-6.3	NO	Maintain Current Value	NO	12	

PROJECT:	BLPH-CW1	FILE NAME:	3AAI543-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-3-4-1
STATION:	FCS0101	SAVED DATE:	3/22/2025 3:57:47 AM	COMMENT:			
SECTION:	3AAI543-H	PRINTED DATE:	9/15/2025	DRAWER:			

IOM Builder

Line: 1 Node: 3 Slot: 3 IOM:AAI543-H

Analog Data

Terminal	Signal	Conversion	Service Comment
%Z033101	Output	Current Output(to HART device)	H2 CMD FRM OL HDR PR
%Z033102	Output	Current Output(to HART device)	N2 PR CNTRL CMD TO HDR
%Z033103	Output	Current Output(to HART device)	N2 CMD TO V-25001A
%Z033104	Output	Current Output(to HART device)	N2 CMD TO V-25001B
%Z033105	Output	Current Output(to HART device)	N2 CMD TO V-25001C
%Z033106	Output	Current Output(to HART device)	N2 CMD TO V-25001E
%Z033107	Output	Current Output(to HART device)	N2 CMD TO V-25001F
%Z033108	Output	Current Output(to HART device)	N2 CMD TO V-25001D
%Z033109	Output	Current Output(to HART device)	WIRED SPARE
%Z033110	Output	Current Output(to HART device)	WIRED SPARE
%Z033111	Output	Current Output(to HART device)	SPARE
%Z033112	Output	Current Output(to HART device)	SPARE
%Z033113	Output	Current Output(to HART device)	SPARE
%Z033114	Output	Current Output(to HART device)	SPARE
%Z033115	Output	Current Output(to HART device)	SPARE
%Z033116	Output	Current Output(to HART device)	SPARE

HART Variable

Terminal	Channel	Data	Polling Address	Service Comment
%Z033201	1	Device Status		
%Z033202	2	Device Status		
%Z033203	3	Device Status		
%Z033204	4	Device Status		
%Z033205	5	Device Status		
%Z033206	6	Device Status		
%Z033207	7	Device Status		
%Z033208	8	Device Status		
%Z033209	9	Device Status		
%Z033210	10	Device Status		
%Z033211	11	Device Status		
%Z033212	12	Device Status		
%Z033213	13	Device Status		
%Z033214	14	Device Status		
%Z033215	15	Device Status		
%Z033216	16	Device Status		
%Z033217				
%Z033218				
%Z033219				
%Z033220				
%Z033221				
%Z033222				
%Z033223				
%Z033224				
%Z033225				
%Z033226				
%Z033227				
%Z033228				
%Z033229				
%Z033230				
%Z033231				

PROJECT:	BLPH-CW1	FILE NAME:	3AAI543-H.edf	SHEET:		YOKOGAWA	PAGE:3-6-3-4-2
STATION:	FCS0101	SAVED DATE:	3/22/2025 3:57:47 AM	COMMENT:			
SECTION:	3AAI543-H	PRINTED DATE:	9/15/2025	DRAWER:			

Detail definition

Terminal	Detect IOP	IOP detection level		Cold Jct. Comp.	Fallback	Pulse Input	Transmitter Power	Command
%Z033101	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033102	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033103	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033104	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033105	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033106	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033107	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033108	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033109	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033110	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033111	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033112	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033113	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033114	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033115	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	
%Z033116	NO	106.3	-6.3	NO	Maintain Current Value	NO	12	

PROJECT:	BLPH-CW1	FILE NAME:	5ADV151-P.edf	SHEET:		YOKOGAWA	PAGE:3-6-3-5-1
STATION:	FCS0101	SAVED DATE:	10/17/2024 1:27:01 AM	COMMENT:			
SECTION:	5ADV151-P	PRINTED DATE:	9/15/2025	DRAWER:			

IOM Builder

Line: 1 Node: 3 Slot: 5 IOM:ADV151-P

Terminal	Signal	Mode	P&ID Tag Name	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2
%Z035101	Input	SI	25ZSL-055B	25ZSL-055B	H2 OL HDR PRLS CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z035102	Input	SI	25ZSH-055B	25ZSH-055B	H2 OL HDR PRLS OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z035103	Input	SI	64ZSL-031B	64ZSL-031B	N2 LS CLSPR CTRL TO HDR	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z035104	Input	SI	64ZSH-031B	64ZSH-031B	N2 LS OPNPR CTRL TO HDR	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z035105	Input	SI	25ZSL-036	25ZSL-036	N2 LS CLSTO V-25001F	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z035106	Input	SI	25ZSH-036	25ZSH-036	N2 LS OPNTO V-25001F	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z035107	Input	SI	25ZSL-038	25ZSL-038	N2 LS CLSTO V-25001E	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z035108	Input	SI	25ZSH-038	25ZSH-038	N2 LS OPNTO V-25001E	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z035109	Input	SI	25ZSL-024	25ZSL-024	H2 TO IL HDR LS CLS VS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z035110	Input	SI	25ZSH-024	25ZSH-024	H2 TO IL HDR LS OPN VS	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z035111	Input	SI	50ZSL-001	50ZSL-001	LS CLSPMP P-50001A	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z035112	Input	SI	50ZSH-001	50ZSH-001	LS OPNPMP P-50001A	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z035113	Input	SI	50ZSL-002	50ZSL-002	LS CLSPMP P-50001A	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z035114	Input	SI	50ZSH-002	50ZSH-002	LS OPNPMP P-50001A	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z035115	Input	SI	50ZSL-003	50ZSL-003	PMP P-50001BWTR LS CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z035116	Input	SI	50ZSH-003	50ZSH-003	PMP P-50001BWTR LS OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z035117	Input	SI	50ZSL-004	50ZSL-004	LS CLSPMP P-50001B	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z035118	Input	SI	50ZSH-004	50ZSH-004	LS OPNPMP P-50001B	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z035119	Input	SI	WS0101030519	WS0101030519	WIRED SPARE	ON,,OFF,ON	Direct	R	GR
%Z035120	Input	SI	WS0101030520	WS0101030520	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z035121	Input	SI	WS0101030521	WS0101030521	WIRED SPARE	ON,,OFF,ON	Direct	R	GR
%Z035122	Input	SI	WS0101030522	WS0101030522	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z035123	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	R	GR
%Z035124	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	G	GR
%Z035125	Input	SI	50-ZSL-005	50ZSL-005	50-ZSL-005	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR
%Z035126	Input	SI	50-ZSH-005	50ZSH-005	50-ZSH-005	OPENED,,N_OPENED,OPENED	Direct	G	GR
%Z035127	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	R	GR
%Z035128	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	G	GR
%Z035129	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	G	GR
%Z035130	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	R	GR
%Z035131	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	G	GR
%Z035132	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	R	GR

Node Property: FCS0101

Node Number 4

Type

Type	ESB Bus/Optical ESB Bus
Dual-Redundant Power Supply	YES
Power Supply Unit	80W
Use Optical ESB Bus	No
Component number	
Node comment	

IOM Properties:FCS0101

Node: 4 Slot: 1
Type and Position

Category	Ethernet Communication
Type	ALE111(Ethernet Communication)
Slot	1
High Speed Read	NO
IOM Comment	PAS/FGS UPS-A,EMCS

Set Details

Connected Device Name	FMODBUS
IP Address	10.230.162.201
Subnet Mask	255.255.255.248
Default Gateway	10.230.162.206
Response Timeout	3
Number of Retries Upon Response Timeout	4
Recovery Communication Time Interval	60
Option 1	
Option 2	
Option 3	
Option 4	
Command	

Node: 4 Slot: 2
Type and Position

Category	Ethernet Communication
Type	ALE111(Ethernet Communication)
Slot	2
High Speed Read	NO
IOM Comment	PAS/FGS UPS-B, EMCS

Set Details

Connected Device Name	FMODBUS
IP Address	10.230.162.225
Subnet Mask	255.255.255.248
Default Gateway	10.230.162.230
Response Timeout	4
Number of Retries Upon Response Timeout	1
Recovery Communication Time Interval	60
Option 1	502
Option 2	
Option 3	
Option 4	
Command	

Node: 4 Slot: 3
Type and Position

Category	Ethernet Communication
Type	ALE111(Ethernet Communication)
Slot	3
High Speed Read	NO
IOM Comment	WTP,HVAC

Set Details

Connected Device Name	FMODBUS

IP Address	10.230.162.217
Subnet Mask	255.255.255.248
Default Gateway	10.230.162.222
Response Timeout	4
Number of Retries Upon Response Timeout	1
Recovery Communication Time Interval	30
Option 1	502
Option 2	
Option 3	
Option 4	
Command	

Node: 4 Slot: 4
Type and Position

Category	PROFINET Communication
Type	A2LP131(PROFINET Communication)
Slot	4
High Speed Read	NO
IOM Comment	IA_N2

Set Details

Device Tag	controller
IP Address	192.168.90.3
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
Port Setting	AUTO
Perform Fallback	YES
All points maintain current value	YES
Command	

Node: 4 Slot: 5
Type and Position

Category	Status Input
Type	ADV151-P(32-Channel Status Input)
Slot	5
Duplicate Next Card	YES
High Speed Read	NO
IOM Comment	

Set Details

Filter Setting	2
Command	

Node: 4 Slot: 7
Type and Position

Category	Status Output
Type	ADV551-P(32-Channel Status Output)
Slot	7
Duplicate Next Card	YES
High Speed Read	NO
IOM Comment	

Set Details

Perform fallback	YES
All points maintain current value	YES
Command	

PROJECT:	BLPH-CW1	FILE NAME:	5ADV151-P.edf	SHEET:		YOKOGAWA	PAGE:3-6-4-3-1
STATION:	FCS0101	SAVED DATE:	3/7/2025 7:58:49 AM	COMMENT:			
SECTION:	5ADV151-P	PRINTED DATE:	9/15/2025	DRAWER:			

IOM Builder

Line: 1 Node: 4 Slot: 5 IOM:ADV151-P

Terminal	Signal	Mode	P&ID Tag Name	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2
%Z045101	Input	SI	-	B100TDC-001	B100 HV/MV PRIM DR OPN	OPEN,,CLOSE,OPEN	Reverse	R	G
%Z045102	Input	SI	-	B100TDC-002	B100 HV/MV RM EMERDO	OPEN,,CLOSE,OPEN	Reverse	R	G
%Z045103	Input	SI	-	B100TIR-001	B100 HV/MV RM DR OPN	ON,,OFF,ON	Direct	R	G
%Z045104	Input	SI	-	B200TDC-001	B200 LV SWGRPRIM DR OPN	OPEN,,CLOSE,OPEN	Reverse	R	G
%Z045105	Input	SI	-	B200TDC-002	B200 LV SWGREMER DR OPN	OPEN,,CLOSE,OPEN	Reverse	R	G
%Z045106	Input	SI	-	B200TIR-001	B200 HV/MV SWGR RPDO	ON,,OFF,ON	Direct	R	G
%Z045107	Input	SI	-	B300TDC-001	B300 UPS RM DR OPN	OPEN,,CLOSE,OPEN	Reverse	R	G
%Z045108	Input	SI	-	B300TDC-002	B300 UPS RM DR OPN	OPEN,,CLOSE,OPEN	Reverse	R	G
%Z045109	Input	SI	-	B300TIR-001	B300 UPS RM MOTN DETECT	ON,,OFF,ON	Direct	R	G
%Z045110	Input	SI	-	B400TDC-001	B400 ITER DR OPN	OPEN,,CLOSE,OPEN	Reverse	R	G
%Z045111	Input	SI	-	B400TDC-002	B400 ITER EMER DR OPN	OPEN,,CLOSE,OPEN	Reverse	R	G
%Z045112	Input	SI	-	B400TIR-001	B400 ITER MOTN DETECT	ON,,OFF,ON	Direct	R	G
%Z045113	Input	SI	WS0101040513	WS0101040513	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z045114	Input	SI	WS0101040514	WS0101040514	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z045115	Input	SI	WS0101040515	WS0101040515	WIRED SPARE	ON,,OFF,ON	Direct	G	GR
%Z045116	Input	SI	87-XA-051	87XA-051	PCS PNL VENTFAN FLT	ALARM,,NORMAL,ALARM	Reverse	G	R
%Z045117	Input	SI	87-XA-052	87XA-052	PCS PNL PSDIODE FAIL	ALARM,,NORMAL,ALARM	Reverse	G	R
%Z045118	Input	SI	87-XA-053	87XA-053	PCS PNL CUMLBRK FLT	ALARM,,NORMAL,ALARM	Reverse	G	R
%Z045119	Input	SI	87-XA-054	87XA-054	PCS PNL HI TEMP ALM	ALARM,,NORMAL,ALARM	Reverse	G	R
%Z045120	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	R	G
%Z045121	Input	SI	SPARE	87XA-061	NET PANEL VENT FAN ALARM	ON,,OFF,ON	Direct	R	G
%Z045122	Input	SI	SPARE	87XA-062	NET POWER DIODE FAULT	ON,,OFF,ON	Direct	R	G
%Z045123	Input	SI	SPARE	87XA-063	NET CUMUL BREAKER FAULT	ON,,OFF,ON	Direct	R	G
%Z045124	Input	SI	SPARE	87XA-064	NET HIGH TEMP ALARM	ON,,OFF,ON	Direct	R	G
%Z045125	Input	SI	SPARE	87XA-073	SERV PANEL BREAKER FAIL	ON,,OFF,ON	Direct	R	G
%Z045126	Input	SI	WS0101040526		WIRED SPARE	ON,,OFF,ON	Direct	R	G
%Z045127	Input	SI	SPARE		WIRED SPARE	ON,,OFF,ON	Direct	R	G
%Z045128	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	R	G
%Z045129	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	R	G
%Z045130	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	R	G
%Z045131	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	R	G
%Z045132	Input	SI	SPARE		SPARE	ON,,OFF,ON	Direct	R	G

PROJECT:	BLPH-CW1	FILE NAME:	7ADV551-P.edf	SHEET:		YOKOGAWA	PAGE:3-6-4-4-1
STATION:	FCS0101	SAVED DATE:	7/17/2025 12:18:05 AM	COMMENT:			
SECTION:	7ADV551-P	PRINTED DATE:	9/15/2025	DRAWER:			

IOM Builder

Line: 1 Node: 4 Slot: 7 IOM:ADV551-P

Terminal	Signal	Mode	P&ID Tag Name	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2
%Z047101	Output	SO	25XY-006	25XY-006	V-25001A CMDH2 OL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047102	Output	SO	25XY-009	25XY-009	V-25001B CMDH2 OL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047103	Output	SO	25XY-012	25XY-012	V-25001C CMDH2 OL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047104	Output	SO	25XY-015	25XY-015	V-25001D CMDH2 OL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047105	Output	SO	25XY-018	25XY-018	V-25001E CMDH2 OL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047106	Output	SO	25XY-021	25XY-021	V-25001F CMDH2 OL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047107	Output	SO	25XY-004	25XY-004	V-25001A CMDH2 IL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047108	Output	SO	25XY-008	25XY-008	V-25001B CMDH2 IL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047109	Output	SO	25XY-011	25XY-011	V-25001C CMDH2 IL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047110	Output	SO	25XY-014	25XY-014	V-25001D CMDH2 IL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047111	Output	SO	25XY-017	25XY-017	V-25001E CMDH2 IL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047112	Output	SO	25XY-020	25XY-020	V-25001F CMDH2 IL	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047113	Output	SO	SPARE		SPARE	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047114	Output	SO	50XY-001	50XY-001	PMP P-50001A CMD	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047115	Output	SO	50XY-002	50XY-002	PMP P-50001A CMD	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047116	Output	SO	50XY-003	50XY-003	PMP P-50001B CMD	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047117	Output	SO	50XY-004	50XY-004	PMP P-50001B CMD	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047118	Output	SO	80XY-001	80XY-001	H2 CMD TO A-80000 PVS	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047119	Output	SO	WS0101040719	WS0101040719	WIRED SPARE	ON,,OFF,ON	Direct	G	R
%Z047120	Output	SO	WS0101040720	WS0101040720	WIRED SPARE	ON,,OFF,ON	Direct	G	R
%Z047121	Output	SO	WS0101040721	WS0101040721	WIRED SPARE	ON,,OFF,ON	Direct	G	R
%Z047122	Output	SO	WS0101040722	WS0101040722	WIRED SPARE	ON,,OFF,ON	Direct	G	R
%Z047123	Output	SO	25XY-024	25XY-024	H2 CMD IL HDR VS	OPEN,,CLOSE,OPEN	Direct	G	R
%Z047124	Output	SO	SPARE		SPARE	ON,,OFF,ON	Direct	G	R
%Z047125	Output	SO	SPARE		SPARE	ON,,OFF,ON	Direct	G	R
%Z047126	Output	SO	SPARE		SPARE	ON,,OFF,ON	Direct	G	R
%Z047127	Output	SO	SPARE		SPARE	ON,,OFF,ON	Direct	G	R
%Z047128	Output	SO	SPARE		SPARE	ON,,OFF,ON	Direct	G	R
%Z047129	Output	SO	50-XY-005	50XY-005	50-XY-005	OPEN,,CLOSE,OPEN	Reverse	G	R
%Z047130	Output	SO	SPARE		SPARE	ON,,OFF,ON	Direct	G	R
%Z047131	Output	SO	SPARE		SPARE	ON,,OFF,ON	Direct	G	R
%Z047132	Output	SO	SPARE		SPARE	ON,,OFF,ON	Direct	G	R

Communication I/O Builder

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port	IP Address PN-Updating Time PN-Offset in Channel	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment	Station name PN-Sub Slot
%WW0001	980	K1-4-1FMODBUS	38	1	10.230.162.242	1	A40002	Input(Discrete)	Bits	Normal		
%WW0002												
%WW0003												
%WW0004												
%WW0005												
%WW0006												
%WW0007												
%WW0008												
%WW0009												
%WW0010												
%WW0011												
%WW0012												
%WW0013												
%WW0014												
%WW0015												
%WW0016												
%WW0017												

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-2
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW0018	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0019	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0020	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0021	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0022	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0023	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0024	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0025	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0026	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0027	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0028	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0029	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0030	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0031	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0032	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0033	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0034	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW0035	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size	Port	IP Address / PN-Updating Time / PN-Size in Channel	Station / PN-Watchdog Time	Device&Address / DCP SET	Data Type / PN-Module	Reverse / PN-slot	Scan / PN-SubModule	Service Comment	Station name / PN-Sub Slot
%WW0036	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0037	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0038	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0039	*	*	13	1	10.230.162.242	1	A40039	Input(16-Bit Signed)	No	Normal	RectMainsFreq.	
%WW0040	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL1	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0041	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL2	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0042	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL3	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0043	*	*	*	*	*	*	*	*	*	*	SBSMainsFreq.	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0044	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL1	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0045	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL2	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0046	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL3	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0047	*	*	*	*	*	*	*	*	*	*	BatteryVoltage	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0048	*	*	*	*	*	*	*	*	*	*	BatteryCurrent	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0049	*	*	*	*	*	*	*	*	*	*	AutonomyTime	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0050	*	*	*	*	*	*	*	*	*	*	BatteryCapacity	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0051	*	*	*	*	*	*	*	*	*	*	BatteryTemperature	*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0052	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	*
	*		*		*							
%WW0053	*	*	13	1	10.230.162.242	1	A40052	Input(16-Bit Signed)	No	Normal	Output Freq	

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time		DCP SET	PN-Module	PN-slot		PN-SubModule	PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW0054	*	*	*	*	*	*	*	*	*	*	Output VoltageL1	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0055	*	*	*	*	*	*	*	*	*	*	Output Load L1	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0056	*	*	*	*	*	*	*	*	*	*	Output Current L1	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0057	*	*	*	*	*	*	*	*	*	*	Output Power L1	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0058	*	*	*	*	*	*	*	*	*	*	Output Voltage L2	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0059	*	*	*	*	*	*	*	*	*	*	Output Load L2	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0060	*	*	*	*	*	*	*	*	*	*	Output Current L2	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0061	*	*	*	*	*	*	*	*	*	*	Output Power L2	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0062	*	*	*	*	*	*	*	*	*	*	Output Voltage L3	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0063	*	*	*	*	*	*	*	*	*	*	Output Load L3	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0064	*	*	*	*	*	*	*	*	*	*	Output Current L3	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0065	*	*	*	*	*	*	*	*	*	*	Output Power L3	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0066	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0067	*	*	22	1	10.230.162.242	1	A40065	Input(Discrete)	Bits	Normal	LifeCheck	
%WW0068	*	*	*	*	*	*	*	*	*	*	Userdef_AUX1 - Rect.	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0069	*	*	*	*	*	*	*	*	*	*	Userdef_AUX2 - Rect.	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0070	*	*	*	*	*	*	*	*	*	*	Userdef_AUX3 - Rect.	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0071	*	*	*	*	*	*	*	*	*	*	Userdef_AUX4 - Rect.	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port	IP Address PN-Updating Time PN-Offset in Channel	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse	Scan PN-slot	Service Comment PN-SubModule	Station name PN-Sub Slot
%WW0072	*	*	*	*	*	*	*	*	*	*	Userdef_AUX5 - Rect.	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0073	*	*	*	*	*	*	*	*	*	*	Userdef_AUX6 - Rect.	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0074	*	*	*	*	*	*	*	*	*	*	Userdef_AUX7- Rect.	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0075	*	*	*	*	*	*	*	*	*	*	Userdef_AUX1 - Inv.	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0076	*	*	*	*	*	*	*	*	*	*	Userdef_AUX2 - Inv.	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0077	*	*	*	*	*	*	*	*	*	*	Userdef_AUX3 - Inv.	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0078	*	*	*	*	*	*	*	*	*	*	Userdef_AUX4 - Inv.	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0079	*	*	*	*	*	*	*	*	*	*	Userdef_AUX5 - Inv.	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0080	*	*	*	*	*	*	*	*	*	*	Userdef_AUX6 - Inv.	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0081	*	*	*	*	*	*	*	*	*	*	Userdef_AUX7 - Inv.	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0082	*	*	*	*	*	*	*	*	*	*	Userdef_AUX1 - SBS	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0083	*	*	*	*	*	*	*	*	*	*	Userdef_AUX2 - SBS	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0084	*	*	*	*	*	*	*	*	*	*	Userdef_AUX3 - SBS	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0085	*	*	*	*	*	*	*	*	*	*	Userdef_AUX4 - SBS	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0086	*	*	*	*	*	*	*	*	*	*	Userdef_AUX5 - SBS	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0087	*	*	*	*	*	*	*	*	*	*	Userdef_AUX6 - SBS	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0088	*	*	*	*	*	*	*	*	*	*	Userdef_AUX7 - SBS	*
	*	*	*		*	*	*	*	*	*		*
	*		*		*							
%WW0089	*	*	8	1	10.230.162.242	1	A40150	Input(16-Bit Signed)	No		Normal Year (20xx)	

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway	Size / PN-Offset in Channel	Port / PN-Updating Time	IP Address / PN-Watchdog Time	Station / PN-Size in Channel	Device&Address / DCP SET	Data Type / PN-Module	Reverse / PN-slot	Scan / PN-SubModule	Service Comment / PN-Sub Slot	Station name
%WW0090	* * *	* * *	* * *	* * *	* * *	* * *	* * *	*	*	*	Day (0-31)	*
%WW0091	* * *	* * *	* * *	* * *	* * *	* * *	* * *	*	*	*	Month (1-12)	*
%WW0092	* * *	* * *	* * *	* * *	* * *	* * *	* * *	*	*	*	Hour (0-23)	*
%WW0093	* * *	* * *	* * *	* * *	* * *	* * *	* * *	*	*	*	Minute (0-59)	*
%WW0094	* * *	* * *	* * *	* * *	* * *	* * *	* * *	*	*	*	Second (0-59)	*
%WW0095	* * *	* * *	* * *	* * *	* * *	* * *	* * *	*	*	*	Millisecond (0-999)	*
%WW0096	* * *	* * *	* * *	* * *	* * *	* * *	* * *	*	*	*	Weekday	*
%WW0097	*	*										
%WW0098	*	*										
%WW0099	*	*	3	2	10.230.162.242	1	A41000	Input(16-Bit Signed)	No	Normal	Rectifier Control	
%WW0100	* * *	* * *	* * *	* * *	* * *	* * *	* * *	*	*	*	Inverter Control	*
%WW0101	* * *	* * *	* * *	* * *	* * *	* * *	* * *	*	*	*	SBS Control	*
%WW0102	* * *	* * *	* * *	* * *	* * *	* * *	* * *	*	*	*		*
%WW0103	*	*	2	1	10.230.162.242	1	A41003	Input(Discrete)	Bits	Normal	Battery Quick Test	
%WW0104	* * *	* * *	* * *	* * *	* * *	* * *	* * *	*	*	*	Battery Capacity Test	*
%WW0105	*	*										
%WW0106	*	*										
%WW0107	*	*	1	2	10.230.162.242	1	A41005	Input(16-Bit Signed)	No	Normal	Battery Capacity Test RM	

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STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size PN-Offset in Channel	Port PN-Size in Channel	IP Address PN-Updating Time	Station PN-Watchdog Time	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW0108	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0109	*	*	1	1	10.230.162.242	1	A40001	Input(16-Bit Signed)	No	Normal Status	(AC UPS F&G -TAG : UP-200F4)	
%WW0110	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0111	*	*										
%WW0112	*	*										
%WW0113	*	*										
%WW0114	*	*										
%WW0115	*	*										
%WW0116	*	*										
%WW0117	*	*										
%WW0118	*	*										
%WW0119	*	*										
%WW0120	*	*										
%WW0121	*	*										
%WW0122	*	*										
%WW0123	*	*										
%WW0124	*	*										
%WW0125	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0126	*	*										
%WW0127	*	*										
%WW0128	*	*										
%WW0129	*	*										
%WW0130	*	*										
%WW0131	*	*										
%WW0132	*	*										
%WW0133	*	*										
%WW0134	*	*										
%WW0135	*	*										
%WW0136	*	*										
%WW0137	*	*										
%WW0138	*	*										
%WW0139	*	*										
%WW0140	*	*										
%WW0141	*	*										
%WW0142	*	*										
%WW0143	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0144	*	*										
%WW0145	*	*										
%WW0146	*	*										
%WW0147	*	*										
%WW0148	*	*										
%WW0149	*	*										
%WW0150	*	*										
%WW0151	*	*										
%WW0152	*	*										
%WW0153	*	*										
%WW0154	*	*										
%WW0155	*	*										
%WW0156	*	*										
%WW0157	*	*										
%WW0158	*	*										
%WW0159	*	*										
%WW0160	*	*										
%WW0161	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-10
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0162	*	*										
%WW0163	*	*										
%WW0164	*	*										
%WW0165	*	*										
%WW0166	*	*										
%WW0167	*	*										
%WW0168	*	*										
%WW0169	*	*										
%WW0170	*	*										
%WW0171	*	*										
%WW0172	*	*										
%WW0173	*	*										
%WW0174	*	*										
%WW0175	*	*										
%WW0176	*	*										
%WW0177	*	*										
%WW0178	*	*										
%WW0179	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-11
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0180	*	*										
%WW0181	*	*										
%WW0182	*	*										
%WW0183	*	*										
%WW0184	*	*										
%WW0185	*	*										
%WW0186	*	*										
%WW0187	*	*										
%WW0188	*	*										
%WW0189	*	*										
%WW0190	*	*										
%WW0191	*	*										
%WW0192	*	*										
%WW0193	*	*										
%WW0194	*	*										
%WW0195	*	*										
%WW0196	*	*										
%WW0197	*	*										

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size	Port	IP Address PN-Updating Time PN-Size in Channel	Station PN-Watchdog Time	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW0198	*	*										
%WW0199	*	*										
%WW0200	*	*										
%WW0201	*	*	37	1	10.230.162.243	1	A40002	Input(Discrete)	Bits	Normal	NonCriticalFault	
%WW0202	*	*	*	*	*	*	*	*	*	*	CriticalFault	*
%WW0203	*	*	*	*	*	*	*	*	*	*	Userdef_DigIn1Active	*
%WW0204	*	*	*	*	*	*	*	*	*	*	Userdef_DigIn2Active	*
%WW0205	*	*	*	*	*	*	*	*	*	*	Userdef_DigIn3Active	*
%WW0206	*	*	*	*	*	*	*	*	*	*	EmergencySwitchOff	*
%WW0207	*	*	*	*	*	*	*	*	*	*	DouCanFault	*
%WW0208	*	*	*	*	*	*	*	*	*	*	MainsFault	*
%WW0209	*	*	*	*	*	*	*	*	*	*	RectifierWarning	*
%WW0210	*	*	*	*	*	*	*	*	*	*	RectifierFault	*
%WW0211	*	*	*	*	*	*	*	*	*	*	BatteryAlarm	*
%WW0212	*	*	*	*	*	*	*	*	*	*	InverterWarning	*
%WW0213	*	*	*	*	*	*	*	*	*	*	InverterFault	*
%WW0214	*	*	*	*	*	*	*	*	*	*	SBSWarning	*
%WW0215	*	*	*	*	*	*	*	*	*	*	SBSFault	*

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size PN-Offset in Channel	Port PN-Updating Time	IP Address PN-Watchdog Time	Station PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW0216	*	*	*	*	*	*	*	*	*	*	EqualisingCharge	*
%WW0217	*	*	*	*	*	*	*	*	*	*	Charge	*
%WW0218	*	*	*	*	*	*	*	*	*	*	TrickleCharge	*
%WW0219	*	*	*	*	*	*	*	*	*	*	GenSetOperation	*
%WW0220	*	*	*	*	*	*	*	*	*	*	BattTemp.SensFault	*
%WW0221	*	*	*	*	*	*	*	*	*	*	BatteryTemp.ToHigh	*
%WW0222	*	*	*	*	*	*	*	*	*	*	CircuitBreaker	*
%WW0223	*	*	*	*	*	*	*	*	*	*	BatteryWarning	*
%WW0224	*	*	*	*	*	*	*	*	*	*	BatteryLow	*
%WW0225	*	*	*	*	*	*	*	*	*	*	Overload	*
%WW0226	*	*	*	*	*	*	*	*	*	*	FanFault	*
%WW0227	*	*	*	*	*	*	*	*	*	*	Overload	*
%WW0228	*	*	*	*	*	*	*	*	*	*	ShortCircuit	*
%WW0229	*	*	*	*	*	*	*	*	*	*	DcUnderVoltage	*
%WW0230	*	*	*	*	*	*	*	*	*	*	DcOverVoltage	*
%WW0231	*	*	*	*	*	*	*	*	*	*	PowerStackOverTemp	*
%WW0232	*	*	*	*	*	*	*	*	*	*	SBSReady	*
%WW0233	*	*	*	*	*	*	*	*	*	*	SBSMainsFault	*

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STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port	IP Address PN-Updating Time PN-Offset in Channel	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW0234	*	*	*	*	*	*	*	*	*	*	SBSBlocked	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0235	*	*	*	*	*	*	*	*	*	*	RectifierOn	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0236	*	*	*	*	*	*	*	*	*	*	InverterOn	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0237	*	*	*	*	*	*	*	*	*	*	SBSOn	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0238	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0239	*	*	13	1	10.230.162.243	1	A40039	Input(16-Bit Signed)	No	Normal	RectMainsFreq.	
%WW0240	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL1	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0241	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL2	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0242	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL3	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0243	*	*	*	*	*	*	*	*	*	*	SBSMainsFreq.	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0244	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL1	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0245	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL2	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0246	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL3	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0247	*	*	*	*	*	*	*	*	*	*	BatteryVoltage	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0248	*	*	*	*	*	*	*	*	*	*	BatteryCurrent	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0249	*	*	*	*	*	*	*	*	*	*	AutonomyTime	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0250	*	*	*	*	*	*	*	*	*	*	BatteryCapacity	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0251	*	*	*	*	*	*	*	*	*	*	BatteryTemperature	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-15
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size	Port	IP Address / PN-Updating Time / PN-Watchdog Time / PN-Size in Channel	Station	Device&Address / DCP SET / PN-Module	Data Type	Reverse / PN-slot	Scan / PN-SubModule	Service Comment / PN-Sub Slot	Station name
%WW0252	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0253	*	*	13	1	10.230.162.243	1	A40052	Input(16-Bit Signed)	No	Normal	OutputFreq.	
%WW0254	*	*	*	*	*	*	*	*	*	*	OutputVoltageL1	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0255	*	*	*	*	*	*	*	*	*	*	OutputLoadL1	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0256	*	*	*	*	*	*	*	*	*	*	OutputCurrentL1	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0257	*	*	*	*	*	*	*	*	*	*	OutputPowerL1	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0258	*	*	*	*	*	*	*	*	*	*	OutputVoltageL2	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0259	*	*	*	*	*	*	*	*	*	*	OutputLoadL2	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0260	*	*	*	*	*	*	*	*	*	*	OutputCurrentL2	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0261	*	*	*	*	*	*	*	*	*	*	OutputPowerL2	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0262	*	*	*	*	*	*	*	*	*	*	OutputVoltageL3	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0263	*	*	*	*	*	*	*	*	*	*	OutputLoadL3	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0264	*	*	*	*	*	*	*	*	*	*	OutputCurrentL3	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0265	*	*	*	*	*	*	*	*	*	*	OutputPowerL3	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0266	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0267	*	*	22	1	10.230.162.243	1	A40065	Input(Discrete)	Bits	Normal	LIFECHECK BIT	
%WW0268	*	*	*	*	*	*	*	*	*	*	Userdef_AUX1 - Rect.	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW0269	*	*	*	*	*	*	*	*	*	*	Userdef_AUX2 - Rect.	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-16
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time		DCP SET	PN-Module	PN-slot		PN-SubModule	PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW0270											Userdef_AUX3 - Rect.	
%WW0271											Userdef_AUX4 - Rect.	
%WW0272											Userdef_AUX5 - Rect.	
%WW0273											Userdef_AUX6 - Rect.	
%WW0274											Userdef_AUX7- Rect.	
%WW0275											Userdef_AUX1 - Inv.	
%WW0276											Userdef_AUX2 - Inv.	
%WW0277											Userdef_AUX3 - Inv.	
%WW0278											Userdef_AUX4 - Inv.	
%WW0279											Userdef_AUX5 - Inv.	
%WW0280											Userdef_AUX6 - Inv.	
%WW0281											Userdef_AUX7 - Inv.	
%WW0282											Userdef_AUX1 - SBS	
%WW0283											Userdef_AUX2 - SBS	
%WW0284											Userdef_AUX3 - SBS	
%WW0285											Userdef_AUX4 - SBS	
%WW0286											Userdef_AUX5 - SBS	
%WW0287											Userdef_AUX6 - SBS	

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway	Size / PN-Offset in Channel	Port / PN-Updating Time	IP Address / PN-Watchdog Time	Station / PN-Size in Channel	Device&Address / DCP SET	Data Type / PN-Module	Reverse / PN-slot	Scan / PN-SubModule	Service Comment / PN-Sub Slot	Station name
%WW0288	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	Userdef_AUX7 - SBS	* * *
%WW0289	* *	* *	8	1	10.230.162.243	1	A40150	Input(16-Bit Signed)	No	Normal	Year (20xx)	
%WW0290	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	Day (0-31)	* * *
%WW0291	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	Month (1-12)	* * *
%WW0292	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	Hour (0-23)	* * *
%WW0293	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	Minute (0-59)	* * *
%WW0294	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	Second (0-59)	* * *
%WW0295	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	Millisecond (0-999)	* * *
%WW0296	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	Weekday	* * *
%WW0297	* *	* *	2	1	10.230.162.243	1	A41000	Output(16-Bit Signed)	No	Normal	Rectifier Control	
%WW0298	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	Inverter Control	* * *
%WW0299	* *											
%WW0300	* *											
%WW0301	* *	* *	2	1	10.230.162.243	1	A41003	Input(Discrete)	Bits	Normal	Battery Quick Test	
%WW0302	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	Battery Capacity Test	* * *
%WW0303	* *	* *	1	1	10.230.162.243	1	A41005	Input(16-Bit Signed)	No	Normal	Battery Capcity Test RM	
%WW0304	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *		* * *
%WW0305	* *											

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size PN-Updating Time PN-Size in Channel	Port PN-Watchdog Time	IP Address DCP SET	Station PN-Module	Device&Address	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW0306	*	*										
%WW0307	*	*	1	1	10.230.162.243	1	A40001	Input(16-Bit Signed)	No	Normal Status	(AC UPS F&G -TAG : UP-200F4)	
%WW0308	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0309	*	*										
%WW0310	*	*										
%WW0311	*	*										
%WW0312	*	*										
%WW0313	*	*										
%WW0314	*	*										
%WW0315	*	*										
%WW0316	*	*										
%WW0317	*	*										
%WW0318	*	*										
%WW0319	*	*										
%WW0320	*	*										
%WW0321	*	*										
%WW0322	*	*										
%WW0323	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0324	*	*										
%WW0325	*	*										
%WW0326	*	*										
%WW0327	*	*										
%WW0328	*	*										
%WW0329	*	*										
%WW0330	*	*										
%WW0331	*	*										
%WW0332	*	*										
%WW0333	*	*										
%WW0334	*	*										
%WW0335	*	*										
%WW0336	*	*										
%WW0337	*	*										
%WW0338	*	*										
%WW0339	*	*										
%WW0340	*	*										
%WW0341	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-20
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module			PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0342	*	*										
%WW0343	*	*										
%WW0344	*	*										
%WW0345	*	*										
%WW0346	*	*										
%WW0347	*	*										
%WW0348	*	*										
%WW0349	*	*										
%WW0350	*	*										
%WW0351	*	*	48	1	10.230.162.241	1	A40001	Input(Discrete)	Bits	Normal	HI MAINS VOLT	
%WW0352	*	*	*	*	*	*	*	*	*	*	LO MAINS VOLT	*
	*	*	*	*	*	*	*	*	*	*		*
	*											
%WW0353	*	*	*	*	*	*	*	*	*	*	CHARGER FAIL	*
	*	*	*	*	*	*	*	*	*	*		*
	*											
%WW0354	*	*	*	*	*	*	*	*	*	*	HI BATTERY VOLT	*
	*	*	*	*	*	*	*	*	*	*		*
	*											
%WW0355	*	*	*	*	*	*	*	*	*	*	LO BATTERY VOLT	*
	*	*	*	*	*	*	*	*	*	*		*
	*											
%WW0356	*	*	*	*	*	*	*	*	*	*	HI DC VOLT	*
	*	*	*	*	*	*	*	*	*	*		*
	*											
%WW0357	*	*	*	*	*	*	*	*	*	*	LO DC VOLT	*
	*	*	*	*	*	*	*	*	*	*		*
	*											
%WW0358	*	*	*	*	*	*	*	*	*	*	SPARE	*
	*	*	*	*	*	*	*	*	*	*		*
	*											
%WW0359	*	*	*	*	*	*	*	*	*	*	SPARE	*
	*	*	*	*	*	*	*	*	*	*		*
	*											

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port	IP Address PN-Updating Time PN-Offset in Channel	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse	Scan PN-slot	Service Comment PN-SubModule	Station name PN-Sub Slot
%WW0360	*	*	*	*	*	*	*	*	*	*	Q1 OPEN	*
%WW0361	*	*	*	*	*	*	*	*	*	*	REMOTE OFF INHIBITION	*
%WW0362	*	*	*	*	*	*	*	*	*	*	BATTERY PROTECTION	*
%WW0363	*	*	*	*	*	*	*	*	*	*	GROUND FLT -	*
%WW0364	*	*	*	*	*	*	*	*	*	*	GROUND FLT +	*
%WW0365	*	*	*	*	*	*	*	*	*	*	DISTRIBUTION FAULT	*
%WW0366	*	*	*	*	*	*	*	*	*	*	BATT SYMMETRIC FAULT	*
%WW0367	*	*	*	*	*	*	*	*	*	*	VENTILATION FAULT	*
%WW0368	*	*	*	*	*	*	*	*	*	*	CHARGER CURR LMT	*
%WW0369	*	*	*	*	*	*	*	*	*	*	BATTERY CURR LMT	*
%WW0370	*	*	*	*	*	*	*	*	*	*	HI CHARGER CURR	*
%WW0371	*	*	*	*	*	*	*	*	*	*	HI BATTERY CURR	*
%WW0372	*	*	*	*	*	*	*	*	*	*	HI TEMP	*
%WW0373	*	*	*	*	*	*	*	*	*	*	TEMP SENSOR ERROR	*
%WW0374	*	*	*	*	*	*	*	*	*	*	INTERNAL COMM ERR	*
%WW0375	*	*	*	*	*	*	*	*	*	*	BATTERY TEST FAIL	*
%WW0376	*	*	*	*	*	*	*	*	*	*	BATTERY TEST ABORTED	*
%WW0377	*	*	*	*	*	*	*	*	*	*	HI BATTERY TEMP	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-22
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port PN-Updating Time PN-Offset in Channel	IP Address PN-Watchdog Time PN-Size in Channel	Station DCP SET	Device&Address PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW0378											HI FLOAT CURR	
%WW0379											LONG CHARGE TIME	
%WW0380											NO POWER SUPPLY VOLT	
%WW0381											BATTERY IN OPERATION	
%WW0382											SPARE	
%WW0383												
%WW0384												
%WW0385												
%WW0386												
%WW0387												
%WW0388												
%WW0389												
%WW0390												
%WW0391												
%WW0392												
%WW0393												
%WW0394												
%WW0395												

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port	IP Address PN-Updating Time PN-Offset in Channel	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW0396	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0397	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0398	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0399	*	*										
%WW0400	*	*										
%WW0401	*	*	28	1	10.230.162.241	1	A40099	Input(16-Bit Unsigned)	No	Normal		
%WW0402	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0403	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0404	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0405	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0406	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0407	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0408	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0409	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0410	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0411	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0412	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW0413	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-24
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port PN-Updating Time PN-Offset in Channel	IP Address PN-Watchdog Time PN-Size in Channel	Station	Device&Address DCP SET PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment	Station name PN-Sub Slot
%WW0414	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0415	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0416	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0417	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0418	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0419	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0420	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0421	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0422	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0423	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0424	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0425	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0426	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0427	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0428	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0429	*	*										
%WW0430	*	*										
%WW0431	*	*										

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size PN-Updating Time PN-Size in Channel	Port PN-Watchdog Time	IP Address DCP SET	Station PN-Module	Device&Address PN-slot	Data Type PN-SubModule	Reverse	Scan	Service Comment PN-Sub Slot	Station name
%WW0432	*	*										
%WW0433	*	*										
%WW0434	*	*										
%WW0435	*	*										
%WW0436	*	*										
%WW0437	*	*										
%WW0438	*	*										
%WW0439	*	*										
%WW0440	*	*										
%WW0441	*	*										
%WW0442	*	*										
%WW0443	*	*										
%WW0444	*	*										
%WW0445	*	*										
%WW0446	*	*										
%WW0447	*	*										
%WW0448	*	*										
%WW0449	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-26
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0450	*	*										
%WW0451	*	*										
%WW0452	*	*										
%WW0453	*	*										
%WW0454	*	*										
%WW0455	*	*										
%WW0456	*	*										
%WW0457	*	*										
%WW0458	*	*										
%WW0459	*	*										
%WW0460	*	*										
%WW0461	*	*										
%WW0462	*	*										
%WW0463	*	*										
%WW0464	*	*										
%WW0465	*	*										
%WW0466	*	*										
%WW0467	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0468	*	*										
%WW0469	*	*										
%WW0470	*	*										
%WW0471	*	*										
%WW0472	*	*										
%WW0473	*	*										
%WW0474	*	*										
%WW0475	*	*										
%WW0476	*	*										
%WW0477	*	*										
%WW0478	*	*										
%WW0479	*	*										
%WW0480	*	*										
%WW0481	*	*										
%WW0482	*	*										
%WW0483	*	*										
%WW0484	*	*										
%WW0485	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-28
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0486	*	*										
%WW0487	*	*										
%WW0488	*	*										
%WW0489	*	*										
%WW0490	*	*										
%WW0491	*	*										
%WW0492	*	*										
%WW0493	*	*										
%WW0494	*	*										
%WW0495	*	*										
%WW0496	*	*										
%WW0497	*	*										
%WW0498	*	*										
%WW0499	*	*										
%WW0500	*	*										
%WW0501	*	*										
%WW0502	*	*										
%WW0503	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0504	*	*										
%WW0505	*	*										
%WW0506	*	*										
%WW0507	*	*										
%WW0508	*	*										
%WW0509	*	*										
%WW0510	*	*										
%WW0511	*	*										
%WW0512	*	*										
%WW0513	*	*										
%WW0514	*	*										
%WW0515	*	*										
%WW0516	*	*										
%WW0517	*	*										
%WW0518	*	*										
%WW0519	*	*										
%WW0520	*	*										
%WW0521	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-30
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0522	*	*										
%WW0523	*	*										
%WW0524	*	*										
%WW0525	*	*										
%WW0526	*	*										
%WW0527	*	*										
%WW0528	*	*										
%WW0529	*	*										
%WW0530	*	*										
%WW0531	*	*										
%WW0532	*	*										
%WW0533	*	*										
%WW0534	*	*										
%WW0535	*	*										
%WW0536	*	*										
%WW0537	*	*										
%WW0538	*	*										
%WW0539	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-31
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0540	*	*										
%WW0541	*	*										
%WW0542	*	*										
%WW0543	*	*										
%WW0544	*	*										
%WW0545	*	*										
%WW0546	*	*										
%WW0547	*	*										
%WW0548	*	*										
%WW0549	*	*										
%WW0550	*	*										
%WW0551	*	*										
%WW0552	*	*										
%WW0553	*	*										
%WW0554	*	*										
%WW0555	*	*										
%WW0556	*	*										
%WW0557	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-32
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0558	*	*										
%WW0559	*	*										
%WW0560	*	*										
%WW0561	*	*										
%WW0562	*	*										
%WW0563	*	*										
%WW0564	*	*										
%WW0565	*	*										
%WW0566	*	*										
%WW0567	*	*										
%WW0568	*	*										
%WW0569	*	*										
%WW0570	*	*										
%WW0571	*	*										
%WW0572	*	*										
%WW0573	*	*										
%WW0574	*	*										
%WW0575	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-33
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0576	*	*										
%WW0577	*	*										
%WW0578	*	*										
%WW0579	*	*										
%WW0580	*	*										
%WW0581	*	*										
%WW0582	*	*										
%WW0583	*	*										
%WW0584	*	*										
%WW0585	*	*										
%WW0586	*	*										
%WW0587	*	*										
%WW0588	*	*										
%WW0589	*	*										
%WW0590	*	*										
%WW0591	*	*										
%WW0592	*	*										
%WW0593	*	*										

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size	Port	IP Address PN-Updating Time PN-Size in Channel	Station PN-Watchdog Time	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW0594	*	*										
%WW0595	*	*										
%WW0596	*	*										
%WW0597	*	*										
%WW0598	*	*										
%WW0599	*	*										
%WW0600	*	*										
%WW0601	*	*	6	1	10.230.162.121	1	A40006	Output(32-Bit Floating)	No	Normal	ph	
%WW0602	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0603	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0604	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0605	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0606	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0607	*	*	2	1	10.230.162.121	1	A40012	Output(32-Bit Floating)	No	Normal		
%WW0608	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0609	*	*	2	1	10.230.162.121	1	A40001	Output(16-Bit Unsigned)	No	Normal		
%WW0610	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW0611	*	*	1	1	10.230.162.121	1	A40004	Output(16-Bit Unsigned)	No	Normal		

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size / PN-Updating Time / PN-Size in Channel	Port / PN-Watchdog Time	IP Address	Station / DCP SET	Device&Address / PN-Module	Data Type	Reverse / PN-slot	Scan / PN-SubModule	Service Comment	Station name / PN-Sub Slot
%WW0612	* / * / *	* / * / *	* / * / *	* / * / *	*	*	*	*	*	*		* / *
%WW0613	* / * / *	* / * / *	2 / 1 / 1	1	10.230.162.121	1	A40021	Output(32-Bit Floating)	Words	Normal		
%WW0614	* / * / *	* / * / *	* / * / *	* / * / *	*	*	*	*	*	*		* / *
%WW0615	* / * / *	* / * / *	1 / 1 / 1	1 / 1	10.230.162.121	1	A40023	Output(16-Bit Unsigned)	No	Normal		
%WW0616	* / * / *	* / * / *	* / * / *	* / * / *	*	*	*	*	*	*		* / *
%WW0617	* / *											
%WW0618	* / *											
%WW0619	* / *											
%WW0620	* / *											
%WW0621	* / *		13 / 1 / 1	1 / 1	10.230.162.121	1	A30001	Input(16-Bit Signed)	No	Normal	EMCS ENTER MODE	
%WW0622	* / * / *	* / * / *	* / * / *	* / * / *	*	*	*	*	*	*	EMCS CURRENT MODE	* / *
%WW0623	* / * / *	* / * / *	* / * / *	* / * / *	*	*	*	*	*	*	FUELCELL STATUS	* / *
%WW0624	* / * / *	* / * / *	* / * / *	* / * / *	*	*	*	*	*	*	ELECTROLYZER STATUS	* / *
%WW0625	* / * / *	* / * / *	* / * / *	* / * / *	*	*	*	*	*	*		* / *
%WW0626	* / * / *	* / * / *	* / * / *	* / * / *	*	*	*	*	*	*		* / *
%WW0627	* / * / *	* / * / *	* / * / *	* / * / *	*	*	*	*	*	*		* / *
%WW0628	* / * / *	* / * / *	* / * / *	* / * / *	*	*	*	*	*	*		* / *
%WW0629	* / * / *	* / * / *	* / * / *	* / * / *	*	*	*	*	*	*		* / *

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port PN-Updating Time PN-Offset in Channel	IP Address PN-Watchdog Time PN-Size in Channel	Station	Device&Address DCP SET PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment	Station name PN-Sub Slot
%WW0630	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0631	*	*	*	*	*	*	*	*	*	*	WATER REQUEST TO ELECTROLYZER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0632	*	*	*	*	*	*	*	*	*	*	FC CURRENT POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0633	*	*	*	*	*	*	*	*	*	*	FC TARGET POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0634	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0635	*	*	1	1	10.230.162.121	1	Y00002	Output(Discrete)	Bits	Normal		
%WW0636	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0637	*	*										
%WW0638	*	*										
%WW0639	*	*										
%WW0640	*	*										
%WW0641	*	*	1	1	10.230.162.121	1	A10000	Input(Discrete)	Bits	Normal		
%WW0642	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW0643	*	*										
%WW0644	*	*										
%WW0645	*	*										
%WW0646	*	*										
%WW0647	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-37
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0648	*	*										
%WW0649	*	*										
%WW0650	*	*										
%WW0651	*	*										
%WW0652	*	*										
%WW0653	*	*										
%WW0654	*	*										
%WW0655	*	*										
%WW0656	*	*										
%WW0657	*	*										
%WW0658	*	*										
%WW0659	*	*										
%WW0660	*	*										
%WW0661	*	*										
%WW0662	*	*										
%WW0663	*	*										
%WW0664	*	*										
%WW0665	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0666	*	*										
%WW0667	*	*										
%WW0668	*	*										
%WW0669	*	*										
%WW0670	*	*										
%WW0671	*	*										
%WW0672	*	*										
%WW0673	*	*										
%WW0674	*	*										
%WW0675	*	*										
%WW0676	*	*										
%WW0677	*	*										
%WW0678	*	*										
%WW0679	*	*										
%WW0680	*	*										
%WW0681	*	*										
%WW0682	*	*										
%WW0683	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service	Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot		
	PN-Data		PN-Offset in Channel	PN-Size in Channel									
%WW0684	*	*											
%WW0685	*	*											
%WW0686	*	*											
%WW0687	*	*											
%WW0688	*	*											
%WW0689	*	*											
%WW0690	*	*											
%WW0691	*	*											
%WW0692	*	*											
%WW0693	*	*											
%WW0694	*	*											
%WW0695	*	*											
%WW0696	*	*											
%WW0697	*	*											
%WW0698	*	*											
%WW0699	*	*											
%WW0700	*	*											
%WW0701	*	*											

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-40
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0702	*	*										
%WW0703	*	*										
%WW0704	*	*										
%WW0705	*	*										
%WW0706	*	*										
%WW0707	*	*										
%WW0708	*	*										
%WW0709	*	*										
%WW0710	*	*										
%WW0711	*	*										
%WW0712	*	*										
%WW0713	*	*										
%WW0714	*	*										
%WW0715	*	*										
%WW0716	*	*										
%WW0717	*	*										
%WW0718	*	*										
%WW0719	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-41
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0720	*	*										
%WW0721	*	*										
%WW0722	*	*										
%WW0723	*	*										
%WW0724	*	*										
%WW0725	*	*										
%WW0726	*	*										
%WW0727	*	*										
%WW0728	*	*										
%WW0729	*	*										
%WW0730	*	*										
%WW0731	*	*										
%WW0732	*	*										
%WW0733	*	*										
%WW0734	*	*										
%WW0735	*	*										
%WW0736	*	*										
%WW0737	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-42
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0738	*	*										
%WW0739	*	*										
%WW0740	*	*										
%WW0741	*	*										
%WW0742	*	*										
%WW0743	*	*										
%WW0744	*	*										
%WW0745	*	*										
%WW0746	*	*										
%WW0747	*	*										
%WW0748	*	*										
%WW0749	*	*										
%WW0750	*	*										
%WW0751	*	*										
%WW0752	*	*										
%WW0753	*	*										
%WW0754	*	*										
%WW0755	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-43
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0756	*	*										
%WW0757	*	*										
%WW0758	*	*										
%WW0759	*	*										
%WW0760	*	*										
%WW0761	*	*										
%WW0762	*	*										
%WW0763	*	*										
%WW0764	*	*										
%WW0765	*	*										
%WW0766	*	*										
%WW0767	*	*										
%WW0768	*	*										
%WW0769	*	*										
%WW0770	*	*										
%WW0771	*	*										
%WW0772	*	*										
%WW0773	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-44
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0774	*	*										
%WW0775	*	*										
%WW0776	*	*										
%WW0777	*	*										
%WW0778	*	*										
%WW0779	*	*										
%WW0780	*	*										
%WW0781	*	*										
%WW0782	*	*										
%WW0783	*	*										
%WW0784	*	*										
%WW0785	*	*										
%WW0786	*	*										
%WW0787	*	*										
%WW0788	*	*										
%WW0789	*	*										
%WW0790	*	*										
%WW0791	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-45
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0792	*	*										
%WW0793	*	*										
%WW0794	*	*										
%WW0795	*	*										
%WW0796	*	*										
%WW0797	*	*										
%WW0798	*	*										
%WW0799	*	*										
%WW0800	*	*										
%WW0801	*	*										
%WW0802	*	*										
%WW0803	*	*										
%WW0804	*	*										
%WW0805	*	*										
%WW0806	*	*										
%WW0807	*	*										
%WW0808	*	*										
%WW0809	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0810	*	*										
%WW0811	*	*										
%WW0812	*	*										
%WW0813	*	*										
%WW0814	*	*										
%WW0815	*	*										
%WW0816	*	*										
%WW0817	*	*										
%WW0818	*	*										
%WW0819	*	*										
%WW0820	*	*										
%WW0821	*	*										
%WW0822	*	*										
%WW0823	*	*										
%WW0824	*	*										
%WW0825	*	*										
%WW0826	*	*										
%WW0827	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-47
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0828	*	*										
%WW0829	*	*										
%WW0830	*	*										
%WW0831	*	*										
%WW0832	*	*										
%WW0833	*	*										
%WW0834	*	*										
%WW0835	*	*										
%WW0836	*	*										
%WW0837	*	*										
%WW0838	*	*										
%WW0839	*	*										
%WW0840	*	*										
%WW0841	*	*										
%WW0842	*	*										
%WW0843	*	*										
%WW0844	*	*										
%WW0845	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0846	*	*										
%WW0847	*	*										
%WW0848	*	*										
%WW0849	*	*										
%WW0850	*	*										
%WW0851	*	*										
%WW0852	*	*										
%WW0853	*	*										
%WW0854	*	*										
%WW0855	*	*										
%WW0856	*	*										
%WW0857	*	*										
%WW0858	*	*										
%WW0859	*	*										
%WW0860	*	*										
%WW0861	*	*										
%WW0862	*	*										
%WW0863	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-49
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0864	*	*										
%WW0865	*	*										
%WW0866	*	*										
%WW0867	*	*										
%WW0868	*	*										
%WW0869	*	*										
%WW0870	*	*										
%WW0871	*	*										
%WW0872	*	*										
%WW0873	*	*										
%WW0874	*	*										
%WW0875	*	*										
%WW0876	*	*										
%WW0877	*	*										
%WW0878	*	*										
%WW0879	*	*										
%WW0880	*	*										
%WW0881	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-50
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0882	*	*										
%WW0883	*	*										
%WW0884	*	*										
%WW0885	*	*										
%WW0886	*	*										
%WW0887	*	*										
%WW0888	*	*										
%WW0889	*	*										
%WW0890	*	*										
%WW0891	*	*										
%WW0892	*	*										
%WW0893	*	*										
%WW0894	*	*										
%WW0895	*	*										
%WW0896	*	*										
%WW0897	*	*										
%WW0898	*	*										
%WW0899	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-51
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0900	*	*										
%WW0901	*	*										
%WW0902	*	*										
%WW0903	*	*										
%WW0904	*	*										
%WW0905	*	*										
%WW0906	*	*										
%WW0907	*	*										
%WW0908	*	*										
%WW0909	*	*										
%WW0910	*	*										
%WW0911	*	*										
%WW0912	*	*										
%WW0913	*	*										
%WW0914	*	*										
%WW0915	*	*										
%WW0916	*	*										
%WW0917	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0918	*	*										
%WW0919	*	*										
%WW0920	*	*										
%WW0921	*	*										
%WW0922	*	*										
%WW0923	*	*										
%WW0924	*	*										
%WW0925	*	*										
%WW0926	*	*										
%WW0927	*	*										
%WW0928	*	*										
%WW0929	*	*										
%WW0930	*	*										
%WW0931	*	*										
%WW0932	*	*										
%WW0933	*	*										
%WW0934	*	*										
%WW0935	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-53
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0936	*	*										
%WW0937	*	*										
%WW0938	*	*										
%WW0939	*	*										
%WW0940	*	*										
%WW0941	*	*										
%WW0942	*	*										
%WW0943	*	*										
%WW0944	*	*										
%WW0945	*	*										
%WW0946	*	*										
%WW0947	*	*										
%WW0948	*	*										
%WW0949	*	*										
%WW0950	*	*										
%WW0951	*	*										
%WW0952	*	*										
%WW0953	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-54
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW0954	*	*										
%WW0955	*	*										
%WW0956	*	*										
%WW0957	*	*										
%WW0958	*	*										
%WW0959	*	*										
%WW0960	*	*										
%WW0961	*	*										
%WW0962	*	*										
%WW0963	*	*										
%WW0964	*	*										
%WW0965	*	*										
%WW0966	*	*										
%WW0967	*	*										
%WW0968	*	*										
%WW0969	*	*										
%WW0970	*	*										
%WW0971	*	*										

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size	Port	IP Address PN-Updating Time PN-Size in Channel	Station PN-Watchdog Time	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW0972	*	*										
%WW0973	*	*										
%WW0974	*	*										
%WW0975	*	*										
%WW0976	*	*										
%WW0977	*	*										
%WW0978	*	*										
%WW0979	*	*										
%WW0980	*	*										
%WW1421	520	K1-4-3FMODBUS	66	1	10.230.162.233	1	A40006	Input(32-Bit Floating)	No	Normal	Flt seawtr cndty P50003A/B	
%WW1422	*	*	*	*	*	*	*	*	*	*		*
%WW1423	*	*	*	*	*	*	*	*	*	*	Frsh wtr cndty A50007A/B	*
%WW1424	*	*	*	*	*	*	*	*	*	*		*
%WW1425	*	*	*	*	*	*	*	*	*	*	Frsh wtr ol tal hardness	*
%WW1426	*	*	*	*	*	*	*	*	*	*		*
%WW1427	*	*	*	*	*	*	*	*	*	*	Fresh wtr ol pH	*
%WW1428	*	*	*	*	*	*	*	*	*	*		*
%WW1429	*	*	*	*	*	*	*	*	*	*	Seawtr flow - S-50001	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-56
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway	Size	Port	IP Address / PN-Updating Time / PN-Offset in Channel	Station / PN-Watchdog Time / PN-Size in Channel	Device&Address / DCP SET	Data Type / PN-Module	Reverse	Scan / PN-slot	Service Comment / PN-SubModule	Station name / PN-Sub Slot
%WW1430												
%WW1431											Fresh wtr ol flow	
%WW1432												
%WW1433											Flt seawtr flow P-50003A	
%WW1434												
%WW1435											Flt seawtr flow P50003B	
%WW1436												
%WW1437											Frsh wtr flw A-50007A/B	
%WW1438												
%WW1439											T-50006 level	
%WW1440												
%WW1441											T-50008 level	
%WW1442												
%WW1443											T-50002 level	
%WW1444												
%WW1445											T-50003 level	
%WW1446												
%WW1447											T-50004 level	

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-57
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time		DCP SET	PN-Module	PN-slot		PN-SubModule	PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW1448												
%WW1449											dP across S-50001	
%WW1450												
%WW1451											Seawtr il pr	
%WW1452												
%WW1453											Flt seawtr pr - P-50003A	
%WW1454												
%WW1455											Flt seawtr pr - P-50004A	
%WW1456												
%WW1457											Flt seawtr pr - P-50003B	
%WW1458												
%WW1459											Flt seawtr pr - P-50004B	
%WW1460												
%WW1461											Flt seawtr pr - P-50004A	
%WW1462												
%WW1463											Flt seawtr pr - P-50004B	
%WW1464												
%WW1465											Fresh wtr ol pr	

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-58
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW1466	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1467	*	*	*	*	*	*	*	*	*	*	Softening flt il pr	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1468	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1469	*	*	*	*	*	*	*	*	*	*	HP pmp speed feedback	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1470	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1471	*	*	*	*	*	*	*	*	*	*	HP pmp speed feedback	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1472	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1473	*	*	*	*	*	*	*	*	*	*	Seawtr tmp - H-50001	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1474	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1475	*	*	*	*	*	*	*	*	*	*	Seawtr tmp - H-50001	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1476	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1477	*	*	*	*	*	*	*	*	*	*	Ambt air tmp inside contnr	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1478	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1479	*	*	*	*	*	*	*	*	*	*	Fresh wtr ol tmp	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1480	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1481	*	*	*	*	*	*	*	*	*	*	dP across S-50002A S-50003A	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1482	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1483	*	*	*	*	*	*	*	*	*	*	dP across S-50002B S-50003B	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway	Size / PN-Offset in Channel	Port / PN-Updating Time	IP Address / PN-Watchdog Time	Station / PN-Size in Channel	Device&Address / DCP SET	Data Type / PN-Module	Reverse / PN-slot	Scan / PN-SubModule	Service Comment / PN-Sub Slot	Station name
%WW1484	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	* / * / *	*
%WW1485	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	dP across S-50004 S-50010 / * / *	*
%WW1486	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	* / * / *	*
%WW1487	* / *											
%WW1488	* / *											
%WW1489	* / *		6 / 1		10.230.162.233	1	A40000	Input(Discrete)	Bits	Normal	50AT020A_H	
%WW1490	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	50AT020A_HH / * / *	*
%WW1491	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	50AT020B_H / * / *	*
%WW1492	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	50AT020B_HH / * / *	*
%WW1493	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	50AT020C_H / * / *	*
%WW1494	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	50AT020C_HH / * / *	*
%WW1495	* / *											
%WW1496	* / *											
%WW1497	* / *		31 / 1		10.230.162.233	1	A40100	Input(Discrete)	Bits	Normal		
%WW1498	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	* / * / *	*
%WW1499	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	* / * / *	*
%WW1500	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	* / * / *	*
%WW1501	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	* / * / *	*	* / * / *	* / * / *	* / * / *	*

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW1502	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1503	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1504	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1505	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1506	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1507	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1508	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1509	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1510	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1511	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1512	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1513	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1514	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1515	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1516	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1517	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1518	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW1519	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-61
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port	IP Address PN-Updating Time PN-Offset in Channel	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW1520	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW1521	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW1522	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW1523	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW1524	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW1525	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW1526	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW1527	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW1528	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW1529	*	*	1	1	10.230.162.233	1	A39099	Input(Discrete)	Bits	Normal		
%WW1530	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW1531	*	*	1	1	10.230.162.233	1	A40139	Output(Discrete)	Bits	Normal		
%WW1532	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW1533	*	*										
%WW1534	*	*										
%WW1535	*	*										
%WW1536	*	*										
%WW1537	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-62
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1538	*	*										
%WW1539	*	*										
%WW1540	*	*										
%WW1541	*	*										
%WW1542	*	*										
%WW1543	*	*										
%WW1544	*	*										
%WW1545	*	*										
%WW1546	*	*										
%WW1547	*	*										
%WW1548	*	*										
%WW1549	*	*										
%WW1550	*	*										
%WW1551	*	*										
%WW1552	*	*										
%WW1553	*	*										
%WW1554	*	*										
%WW1555	*	*										

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size	Port	IP Address PN-Updating Time	Station PN-Watchdog Time	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name PN-Size in Channel
%WW1556	*	*										
%WW1557	*	*										
%WW1558	*	*										
%WW1559	*	*										
%WW1560	*	*										
%WW1561	*	*	5	1	10.230.162.172	1	A40000	Input(Discrete)	Bits	Normal		
%WW1562	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*
%WW1563	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*
%WW1564	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*
%WW1565	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*
%WW1566	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*
%WW1567	*	*	4	1	10.230.162.172	1	A40005	Input(16-Bit Signed)	No	Normal		
%WW1568	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*
%WW1569	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*
%WW1570	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*
%WW1571	*	*	2	1	10.230.162.172	1	A40009	Output(Discrete)	Bits	Normal		
%WW1572	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*
%WW1573	*	*	3	1	10.230.162.172	1	A40011	Input(16-Bit Signed)	No	Normal		

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW1574	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW1575	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW1576	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW1577	*	*	2	1	10.230.162.172	1	A40014	Output(Discrete)	Bits	Normal		
%WW1578	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW1579	*	*	1	1	10.230.162.172	1	A40015	Input(Discrete)	Bits	Normal		
%WW1580	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW1581	*	*	4	1	10.230.162.172	1	A40016	Input(16-Bit Signed)	No	Normal		
%WW1582	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW1583	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW1584	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW1585	*	*										
%WW1586	*	*										
%WW1587	*	*	5	1	10.230.162.166	1	A40000	Input(Discrete)	Bits	Normal		
%WW1588	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW1589	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW1590	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW1591	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size PN-Offset in Channel	Port PN-Updating Time	IP Address PN-Watchdog Time	Station PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW1592	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1593	*	*	4	1	10.230.162.166	1	A40005	Input(16-Bit Signed)	No	Normal		
%WW1594	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1595	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1596	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1597	*	*	2	1	10.230.162.166	1	A40009	Output(Discrete)	Bits	Normal		
%WW1598	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1599	*	*	3	1	10.230.162.166	1	A40011	Input(16-Bit Signed)	No	Normal		
%WW1600	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1601	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1602	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1603	*	*	2	1	10.230.162.166	1	A40014	Output(Discrete)	Bits	Normal		
%WW1604	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1605	*	*	1	1	10.230.162.166	1	A40015	Input(Discrete)	Bits	Normal		
%WW1606	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1607	*	*	4	1	10.230.162.166	1	A40016	Input(16-Bit Signed)	No	Normal		
%WW1608	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1609	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-66
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port PN-Updating Time PN-Offset in Channel	IP Address PN-Watchdog Time PN-Size in Channel	Station DCP SET	Device&Address PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment	Station name PN-Sub Slot
%WW1610	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	*
	*		*		*							
%WW1611	*	*										
%WW1612	*	*										
%WW1613	*	*										
%WW1614	*	*										
%WW1615	*	*										
%WW1616	*	*										
%WW1617	*	*										
%WW1618	*	*										
%WW1619	*	*										
%WW1620	*	*										
%WW1621	*	*										
%WW1622	*	*										
%WW1623	*	*										
%WW1624	*	*										
%WW1625	*	*										
%WW1626	*	*										
%WW1627	*	*										

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size	Port	IP Address PN-Updating Time	Station PN-Watchdog Time	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name PN-Size in Channel
%WW1628	*	*										
%WW1629	*	*										
%WW1630	*	*										
%WW1631	*	*	3	1	10.230.162.184	1	A40000	Input(Discrete)	Bits	Normal	B100	
%WW1632	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1633	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1634	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1635	*	*	5	1	10.230.162.184	1	A40003	Input(16-Bit Signed)	No	Normal		
%WW1636	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1637	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1638	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1639	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1640	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1641	*	*	3	1	10.230.162.184	1	A40008	Output(Discrete)	Bits	Normal		
%WW1642	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1643	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1644	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1645	*	*	4	1	10.230.162.184	1	A40012	Input(16-Bit Signed)	No	Normal		

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway	Size / PN-Offset in Channel	Port / PN-Updating Time	IP Address / PN-Watchdog Time	Station / PN-Size in Channel	Device&Address / DCP SET	Data Type / PN-Module	Reverse / PN-slot	Scan / PN-SubModule	Service Comment / PN-Sub Slot	Station name
%WW1646	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1647	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1648	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1649	*	*	1	1	10.230.162.184	1	A40016	Input(Discrete)	Bits	Normal	B100	
%WW1650	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1651	*	*	1	1	10.230.162.184	1	A40017	Output(Discrete)	Bits	Normal		
%WW1652	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1653	*	*										
%WW1654	*	*										
%WW1655	*	*										
%WW1656	*	*										
%WW1657	*	*										
%WW1658	*	*										
%WW1659	*	*										
%WW1660	*	*										
%WW1661	*	*										
%WW1662	*	*										
%WW1663	*	*										

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size	Port	IP Address PN-Updating Time PN-Size in Channel	Station PN-Watchdog Time	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW1664	*	*										
%WW1665	*	*										
%WW1666	*	*										
%WW1667	*	*										
%WW1668	*	*										
%WW1669	*	*										
%WW1670	*	*										
%WW1671	*	*	3	1	10.230.162.178	1	A40000	Input(Discrete)	Bits	Normal	B200	
%WW1672	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1673	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1674	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1675	*	*	5	1	10.230.162.178	1	A40003	Input(16-Bit Signed)	No	Normal		
%WW1676	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1677	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1678	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1679	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1680	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW1681	*	*	3	1	10.230.162.178	1	A40008	Output(Discrete)	Bits	Normal		

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway	Size	Port	IP Address / PN-Updating Time / PN-Offset in Channel	Station / PN-Watchdog Time / PN-Size in Channel	Device&Address / DCP SET	Data Type / PN-Module	Reverse / PN-slot	Scan / PN-SubModule	Service Comment / PN-Sub Slot	Station name
%WW1682	* / * / *	* / * / *	*	*	* / * / *	* / * / *	* / *	*	*	*		*
%WW1683	* / * / *	* / * / *	*	*	* / * / *	* / * / *	* / *	*	*	*		*
%WW1684	* / * / *	* / * / *	*	*	* / * / *	* / * / *	* / *	*	*	*		*
%WW1685	*	*	4	1	10.230.162.178	1	A40012	Input(16-Bit Signed)	No	Normal		
%WW1686	* / * / *	* / * / *	*	*	* / * / *	* / * / *	* / *	*	*	*		*
%WW1687	* / * / *	* / * / *	*	*	* / * / *	* / * / *	* / *	*	*	*		*
%WW1688	* / * / *	* / * / *	*	*	* / * / *	* / * / *	* / *	*	*	*		*
%WW1689	*	*	1	1	10.230.162.178	1	A40016	Input(Discrete)	Bits	Normal		
%WW1690	* / * / *	* / * / *	*	*	* / * / *	* / * / *	* / *	*	*	*		*
%WW1691	*	*	1	1	10.230.162.178	1	A40017	Output(Discrete)	Bits	Normal		
%WW1692	* / * / *	* / * / *	*	*	* / * / *	* / * / *	* / *	*	*	*		*
%WW1693	*	*										
%WW1694	*	*										
%WW1695	*	*										
%WW1696	*	*										
%WW1697	*	*										
%WW1698	*	*										
%WW1699	*	*										

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Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1700	*	*										
%WW1701	*	*										
%WW1702	*	*										
%WW1703	*	*										
%WW1704	*	*										
%WW1705	*	*										
%WW1706	*	*										
%WW1707	*	*										
%WW1708	*	*										
%WW1709	*	*										
%WW1710	*	*										
%WW1711	*	*										
%WW1712	*	*										
%WW1713	*	*										
%WW1714	*	*										
%WW1715	*	*										
%WW1716	*	*										
%WW1717	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1718	*	*										
%WW1719	*	*										
%WW1720	*	*										
%WW1721	*	*										
%WW1722	*	*										
%WW1723	*	*										
%WW1724	*	*										
%WW1725	*	*										
%WW1726	*	*										
%WW1727	*	*										
%WW1728	*	*										
%WW1729	*	*										
%WW1730	*	*										
%WW1731	*	*										
%WW1732	*	*										
%WW1733	*	*										
%WW1734	*	*										
%WW1735	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-73
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1736	*	*										
%WW1737	*	*										
%WW1738	*	*										
%WW1739	*	*										
%WW1740	*	*										
%WW1741	*	*										
%WW1742	*	*										
%WW1743	*	*										
%WW1744	*	*										
%WW1745	*	*										
%WW1746	*	*										
%WW1747	*	*										
%WW1748	*	*										
%WW1749	*	*										
%WW1750	*	*										
%WW1751	*	*										
%WW1752	*	*										
%WW1753	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service	Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot		
	PN-Data		PN-Offset in Channel	PN-Size in Channel									
%WW1754	*	*											
%WW1755	*	*											
%WW1756	*	*											
%WW1757	*	*											
%WW1758	*	*											
%WW1759	*	*											
%WW1760	*	*											
%WW1761	*	*											
%WW1762	*	*											
%WW1763	*	*											
%WW1764	*	*											
%WW1765	*	*											
%WW1766	*	*											
%WW1767	*	*											
%WW1768	*	*											
%WW1769	*	*											
%WW1770	*	*											
%WW1771	*	*											

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service	Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot		
	PN-Data		PN-Offset in Channel	PN-Size in Channel									
%WW1772	*	*											
%WW1773	*	*											
%WW1774	*	*											
%WW1775	*	*											
%WW1776	*	*											
%WW1777	*	*											
%WW1778	*	*											
%WW1779	*	*											
%WW1780	*	*											
%WW1781	*	*											
%WW1782	*	*											
%WW1783	*	*											
%WW1784	*	*											
%WW1785	*	*											
%WW1786	*	*											
%WW1787	*	*											
%WW1788	*	*											
%WW1789	*	*											

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1790	*	*										
%WW1791	*	*										
%WW1792	*	*										
%WW1793	*	*										
%WW1794	*	*										
%WW1795	*	*										
%WW1796	*	*										
%WW1797	*	*										
%WW1798	*	*										
%WW1799	*	*										
%WW1800	*	*										
%WW1801	*	*										
%WW1802	*	*										
%WW1803	*	*										
%WW1804	*	*										
%WW1805	*	*										
%WW1806	*	*										
%WW1807	*	*										

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Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1808	*	*										
%WW1809	*	*										
%WW1810	*	*										
%WW1811	*	*										
%WW1812	*	*										
%WW1813	*	*										
%WW1814	*	*										
%WW1815	*	*										
%WW1816	*	*										
%WW1817	*	*										
%WW1818	*	*										
%WW1819	*	*										
%WW1820	*	*										
%WW1821	*	*										
%WW1822	*	*										
%WW1823	*	*										
%WW1824	*	*										
%WW1825	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1826	*	*										
%WW1827	*	*										
%WW1828	*	*										
%WW1829	*	*										
%WW1830	*	*										
%WW1831	*	*										
%WW1832	*	*										
%WW1833	*	*										
%WW1834	*	*										
%WW1835	*	*										
%WW1836	*	*										
%WW1837	*	*										
%WW1838	*	*										
%WW1839	*	*										
%WW1840	*	*										
%WW1841	*	*										
%WW1842	*	*										
%WW1843	*	*										

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STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
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Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1844	*	*										
%WW1845	*	*										
%WW1846	*	*										
%WW1847	*	*										
%WW1848	*	*										
%WW1849	*	*										
%WW1850	*	*										
%WW1851	*	*										
%WW1852	*	*										
%WW1853	*	*										
%WW1854	*	*										
%WW1855	*	*										
%WW1856	*	*										
%WW1857	*	*										
%WW1858	*	*										
%WW1859	*	*										
%WW1860	*	*										
%WW1861	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1862	*	*										
%WW1863	*	*										
%WW1864	*	*										
%WW1865	*	*										
%WW1866	*	*										
%WW1867	*	*										
%WW1868	*	*										
%WW1869	*	*										
%WW1870	*	*										
%WW1871	*	*										
%WW1872	*	*										
%WW1873	*	*										
%WW1874	*	*										
%WW1875	*	*										
%WW1876	*	*										
%WW1877	*	*										
%WW1878	*	*										
%WW1879	*	*										

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Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1880	*	*										
%WW1881	*	*										
%WW1882	*	*										
%WW1883	*	*										
%WW1884	*	*										
%WW1885	*	*										
%WW1886	*	*										
%WW1887	*	*										
%WW1888	*	*										
%WW1889	*	*										
%WW1890	*	*										
%WW1891	*	*										
%WW1892	*	*										
%WW1893	*	*										
%WW1894	*	*										
%WW1895	*	*										
%WW1896	*	*										
%WW1897	*	*										

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STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
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Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1898	*	*										
%WW1899	*	*										
%WW1900	*	*										
%WW1901	*	*										
%WW1902	*	*										
%WW1903	*	*										
%WW1904	*	*										
%WW1905	*	*										
%WW1906	*	*										
%WW1907	*	*										
%WW1908	*	*										
%WW1909	*	*										
%WW1910	*	*										
%WW1911	*	*										
%WW1912	*	*										
%WW1913	*	*										
%WW1914	*	*										
%WW1915	*	*										

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STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
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Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW1916	*	*										
%WW1917	*	*										
%WW1918	*	*										
%WW1919	*	*										
%WW1920	*	*										
%WW1921	*	*										
%WW1922	*	*										
%WW1923	*	*										
%WW1924	*	*										
%WW1925	*	*										
%WW1926	*	*										
%WW1927	*	*										
%WW1928	*	*										
%WW1929	*	*										
%WW1930	*	*										
%WW1931	*	*										
%WW1932	*	*										
%WW1933	*	*										

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size / PN-Updating Time / PN-Size in Channel	Port / PN-Watchdog Time	IP Address / DCP SET	Station / PN-Module	Device&Address / PN-slot	Data Type / PN-SubModule	Reverse / PN-Sub Slot	Scan	Service	Comment	Station name
%WW1934	*	*											
%WW1935	*	*											
%WW1936	*	*											
%WW1937	*	*											
%WW1938	*	*											
%WW1939	*	*											
%WW1940	*	*											
%WW2001	500 255.255.255.0 TextId_Output_DataItem	K1-4-4PROFINET 50 0.0.0.0	1 16	192.168.90.1 48	1 0	Output(16-Bit Unsigned) Transfer area_1	No 1	Normal Transfer area_1	1				fcs01ss1
%WW2002	*	*	*	*	*	*	*	*	*	*	*		*
%WW2003	*	*	*	*	*	*	*	*	*	*	*		*
%WW2004	*	*	*	*	*	*	*	*	*	*	*		*
%WW2005	*	*	*	*	*	*	*	*	*	*	*		*
%WW2006	*	*	*	*	*	*	*	*	*	*	*		*
%WW2007	*	*	*	*	*	*	*	*	*	*	*		*
%WW2008	*	*	*	*	*	*	*	*	*	*	*		*
%WW2009	*	*	*	*	*	*	*	*	*	*	*		*
%WW2010	*	*	*	*	*	*	*	*	*	*	*		*
%WW2011	*	*	*	*	*	*	*	*	*	*	*		*

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW2012	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2013	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2014	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2015	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2016	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2017	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2018	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2019	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2020	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2021	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2022	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2023	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2024	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2025	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2026	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2027	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2028	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2029	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-86
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module	PN-slot	PN-SubModule	PN-Sub Slot	PN-Data	PN-Offset in Channel	PN-Size in Channel
%WW2030	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2031	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2032	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2033	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2034	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2035	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2036	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2037	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2038	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2039	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2040	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2041	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2042	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2043	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2044	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2045	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2046	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2047	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW2048	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2049	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2050	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2051	*	*	74	1	192.168.90.1	1		Input(32-Bit Floating)	Words	Normal		fcs01ss1
	255.255.255.0	0.0.0.0	16		48	0	Transfer area_2		2	Transfer area_2		1
	TextId_Input_DataItem											
%WW2052	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2053	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2054	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2055	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2056	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2057	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2058	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2059	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2060	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2061	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2062	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2063	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2064	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							
%WW2065	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*			*	*	*	
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		PAGE:3-7-8 8
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:		
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:		

YOKOGAWA

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
%WW2066	*	*	*	*	*	*	*	*	*	*		*
%WW2067	*	*	*	*	*	*	*	*	*	*		*
%WW2068	*	*	*	*	*	*	*	*	*	*		*
%WW2069	*	*	*	*	*	*	*	*	*	*		*
%WW2070	*	*	*	*	*	*	*	*	*	*		*
%WW2071	*	*	*	*	*	*	*	*	*	*		*
%WW2072	*	*	*	*	*	*	*	*	*	*		*
%WW2073	*	*	*	*	*	*	*	*	*	*		*
%WW2074	*	*	*	*	*	*	*	*	*	*		*
%WW2075	*	*	*	*	*	*	*	*	*	*		*
%WW2076	*	*	*	*	*	*	*	*	*	*		*
%WW2077	*	*	*	*	*	*	*	*	*	*		*
%WW2078	*	*	*	*	*	*	*	*	*	*		*
%WW2079	*	*	*	*	*	*	*	*	*	*		*
%WW2080	*	*	*	*	*	*	*	*	*	*		*
%WW2081	*	*	*	*	*	*	*	*	*	*		*
%WW2082	*	*	*	*	*	*	*	*	*	*		*
%WW2083	*	*	*	*	*	*	*	*	*	*		*

Element	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module	PN-slot	PN-SubModule	PN-Sub Slot
%WW2066	*	*	*	*	*	*	*	*	*
%WW2067	*	*	*	*	*	*	*	*	*
%WW2068	*	*	*	*	*	*	*	*	*
%WW2069	*	*	*	*	*	*	*	*	*
%WW2070	*	*	*	*	*	*	*	*	*
%WW2071	*	*	*	*	*	*	*	*	*
%WW2072	*	*	*	*	*	*	*	*	*
%WW2073	*	*	*	*	*	*	*	*	*
%WW2074	*	*	*	*	*	*	*	*	*
%WW2075	*	*	*	*	*	*	*	*	*
%WW2076	*	*	*	*	*	*	*	*	*
%WW2077	*	*	*	*	*	*	*	*	*
%WW2078	*	*	*	*	*	*	*	*	*
%WW2079	*	*	*	*	*	*	*	*	*
%WW2080	*	*	*	*	*	*	*	*	*
%WW2081	*	*	*	*	*	*	*	*	*
%WW2082	*	*	*	*	*	*	*	*	*
%WW2083	*	*	*	*	*	*	*	*	*

Element	PN-Data	PN-Offset in Channel	PN-Size in Channel
%WW2066	*	*	*
%WW2067	*	*	*
%WW2068	*	*	*
%WW2069	*	*	*
%WW2070	*	*	*
%WW2071	*	*	*
%WW2072	*	*	*
%WW2073	*	*	*
%WW2074	*	*	*
%WW2075	*	*	*
%WW2076	*	*	*
%WW2077	*	*	*
%WW2078	*	*	*
%WW2079	*	*	*
%WW2080	*	*	*
%WW2081	*	*	*
%WW2082	*	*	*
%WW2083	*	*	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-89
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW2084	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2085	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2086	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2087	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2088	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2089	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2090	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2091	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2092	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2093	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2094	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2095	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2096	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2097	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2098	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2099	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2100	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2101	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW2102	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2103	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2104	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2105	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2106	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2107	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2108	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2109	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2110	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2111	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2112	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2113	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2114	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2115	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2116	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2117	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2118	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2119	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port	IP Address PN-Updating Time PN-Offset in Channel	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW2120	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2121	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2122	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2123	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2124	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2125	*	*										
%WW2126	*	*										
%WW2127	*	*	50	1	192.168.90.2	2		Output(16-Bit Unsigned)	No	Normal		fcs01ss2
	255.255.255.0	0.0.0.0	16		48	0		Transfer area_1	1	Transfer area_1	1	
	TextId_Output_DataItem											
%WW2128	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2129	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2130	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2131	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2132	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2133	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2134	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2135	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2136	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						
%WW2137	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*		*	*	*	*	*	*	*	
	*		*			*						

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-92
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module	PN-slot	PN-SubModule	PN-Sub Slot	PN-Data	PN-Offset in Channel	PN-Size in Channel
%WW2138	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2139	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2140	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2141	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2142	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2143	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2144	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2145	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2146	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2147	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2148	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2149	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2150	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2151	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2152	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2153	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2154	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*
%WW2155	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size PN-Updating Time PN-Offset in Channel	Port PN-Watchdog Time PN-Size in Channel	IP Address	Station DCP SET	Device&Address PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment	Station name PN-Sub Slot
%WW2156												
%WW2157												
%WW2158												
%WW2159												
%WW2160												
%WW2161												
%WW2162												
%WW2163												
%WW2164												
%WW2165												
%WW2166												
%WW2167												
%WW2168												
%WW2169												
%WW2170												
%WW2171												
%WW2172												
%WW2173												

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW2174	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2175	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2176	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2177	*	*	74	1	192.168.90.2	2		Input(32-Bit Floating)	Words	Normal		fcs01ss2
	255.255.255.0	0.0.0.0	16		48	0	Transfer area_2		2	Transfer area_2		1
	TextId_Input_DataItem											
%WW2178	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2179	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2180	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2181	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2182	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2183	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2184	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2185	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2186	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2187	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2188	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2189	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2190	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2191	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-95
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW2192	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2193	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2194	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2195	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2196	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2197	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2198	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2199	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2200	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2201	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2202	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2203	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2204	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2205	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2206	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2207	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2208	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW2209	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size PN-Offset in Channel	Port PN-Updating Time	IP Address PN-Watchdog Time	Station PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW2210	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2211	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2212	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2213	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2214	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2215	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2216	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2217	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2218	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2219	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2220	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2221	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2222	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2223	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2224	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2225	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2226	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
%WW2227	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-97
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SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW2228	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2229	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2230	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2231	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2232	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2233	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2234	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2235	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2236	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2237	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2238	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2239	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2240	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2241	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2242	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2243	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2244	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%WW2245	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size PN-Updating Time PN-Offset in Channel	Port PN-Watchdog Time PN-Size in Channel	IP Address	Station DCP SET	Device&Address PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment	Station name PN-Sub Slot
%WW2246	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW2247	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW2248	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW2249	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW2250	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW2251	*	*										
%WW2252	*	*										
%WW2253	*	*										
%WW2254	*	*										
%WW2255	*	*										
%WW2256	*	*										
%WW2257	*	*										
%WW2258	*	*										
%WW2259	*	*										
%WW2260	*	*										
%WW2261	*	*										
%WW2262	*	*										
%WW2263	*	*										

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STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2264	*	*										
%WW2265	*	*										
%WW2266	*	*										
%WW2267	*	*										
%WW2268	*	*										
%WW2269	*	*										
%WW2270	*	*										
%WW2271	*	*										
%WW2272	*	*										
%WW2273	*	*										
%WW2274	*	*										
%WW2275	*	*										
%WW2276	*	*										
%WW2277	*	*										
%WW2278	*	*										
%WW2279	*	*										
%WW2280	*	*										
%WW2281	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-100
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2282	*	*										
%WW2283	*	*										
%WW2284	*	*										
%WW2285	*	*										
%WW2286	*	*										
%WW2287	*	*										
%WW2288	*	*										
%WW2289	*	*										
%WW2290	*	*										
%WW2291	*	*										
%WW2292	*	*										
%WW2293	*	*										
%WW2294	*	*										
%WW2295	*	*										
%WW2296	*	*										
%WW2297	*	*										
%WW2298	*	*										
%WW2299	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-101
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2300	*	*										
%WW2301	*	*										
%WW2302	*	*										
%WW2303	*	*										
%WW2304	*	*										
%WW2305	*	*										
%WW2306	*	*										
%WW2307	*	*										
%WW2308	*	*										
%WW2309	*	*										
%WW2310	*	*										
%WW2311	*	*										
%WW2312	*	*										
%WW2313	*	*										
%WW2314	*	*										
%WW2315	*	*										
%WW2316	*	*										
%WW2317	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-102
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2318	*	*										
%WW2319	*	*										
%WW2320	*	*										
%WW2321	*	*										
%WW2322	*	*										
%WW2323	*	*										
%WW2324	*	*										
%WW2325	*	*										
%WW2326	*	*										
%WW2327	*	*										
%WW2328	*	*										
%WW2329	*	*										
%WW2330	*	*										
%WW2331	*	*										
%WW2332	*	*										
%WW2333	*	*										
%WW2334	*	*										
%WW2335	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-103
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2336	*	*										
%WW2337	*	*										
%WW2338	*	*										
%WW2339	*	*										
%WW2340	*	*										
%WW2341	*	*										
%WW2342	*	*										
%WW2343	*	*										
%WW2344	*	*										
%WW2345	*	*										
%WW2346	*	*										
%WW2347	*	*										
%WW2348	*	*										
%WW2349	*	*										
%WW2350	*	*										
%WW2351	*	*										
%WW2352	*	*										
%WW2353	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-104
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2354	*	*										
%WW2355	*	*										
%WW2356	*	*										
%WW2357	*	*										
%WW2358	*	*										
%WW2359	*	*										
%WW2360	*	*										
%WW2361	*	*										
%WW2362	*	*										
%WW2363	*	*										
%WW2364	*	*										
%WW2365	*	*										
%WW2366	*	*										
%WW2367	*	*										
%WW2368	*	*										
%WW2369	*	*										
%WW2370	*	*										
%WW2371	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-105
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2372	*	*										
%WW2373	*	*										
%WW2374	*	*										
%WW2375	*	*										
%WW2376	*	*										
%WW2377	*	*										
%WW2378	*	*										
%WW2379	*	*										
%WW2380	*	*										
%WW2381	*	*										
%WW2382	*	*										
%WW2383	*	*										
%WW2384	*	*										
%WW2385	*	*										
%WW2386	*	*										
%WW2387	*	*										
%WW2388	*	*										
%WW2389	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-106
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2390	*	*										
%WW2391	*	*										
%WW2392	*	*										
%WW2393	*	*										
%WW2394	*	*										
%WW2395	*	*										
%WW2396	*	*										
%WW2397	*	*										
%WW2398	*	*										
%WW2399	*	*										
%WW2400	*	*										
%WW2401	*	*										
%WW2402	*	*										
%WW2403	*	*										
%WW2404	*	*										
%WW2405	*	*										
%WW2406	*	*										
%WW2407	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-107
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2408	*	*										
%WW2409	*	*										
%WW2410	*	*										
%WW2411	*	*										
%WW2412	*	*										
%WW2413	*	*										
%WW2414	*	*										
%WW2415	*	*										
%WW2416	*	*										
%WW2417	*	*										
%WW2418	*	*										
%WW2419	*	*										
%WW2420	*	*										
%WW2421	*	*										
%WW2422	*	*										
%WW2423	*	*										
%WW2424	*	*										
%WW2425	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-108
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2426	*	*										
%WW2427	*	*										
%WW2428	*	*										
%WW2429	*	*										
%WW2430	*	*										
%WW2431	*	*										
%WW2432	*	*										
%WW2433	*	*										
%WW2434	*	*										
%WW2435	*	*										
%WW2436	*	*										
%WW2437	*	*										
%WW2438	*	*										
%WW2439	*	*										
%WW2440	*	*										
%WW2441	*	*										
%WW2442	*	*										
%WW2443	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-109
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2444	*	*										
%WW2445	*	*										
%WW2446	*	*										
%WW2447	*	*										
%WW2448	*	*										
%WW2449	*	*										
%WW2450	*	*										
%WW2451	*	*										
%WW2452	*	*										
%WW2453	*	*										
%WW2454	*	*										
%WW2455	*	*										
%WW2456	*	*										
%WW2457	*	*										
%WW2458	*	*										
%WW2459	*	*										
%WW2460	*	*										
%WW2461	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-110
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2462	*	*										
%WW2463	*	*										
%WW2464	*	*										
%WW2465	*	*										
%WW2466	*	*										
%WW2467	*	*										
%WW2468	*	*										
%WW2469	*	*										
%WW2470	*	*										
%WW2471	*	*										
%WW2472	*	*										
%WW2473	*	*										
%WW2474	*	*										
%WW2475	*	*										
%WW2476	*	*										
%WW2477	*	*										
%WW2478	*	*										
%WW2479	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-111
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW2480	*	*										
%WW2481	*	*										
%WW2482	*	*										
%WW2483	*	*										
%WW2484	*	*										
%WW2485	*	*										
%WW2486	*	*										
%WW2487	*	*										
%WW2488	*	*										
%WW2489	*	*										
%WW2490	*	*										
%WW2491	*	*										
%WW2492	*	*										
%WW2493	*	*										
%WW2494	*	*										
%WW2495	*	*										
%WW2496	*	*										
%WW2497	*	*										

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size	Port	IP Address PN-Updating Time	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan	Service Comment PN-SubModule	Station name PN-Sub Slot
%WW2498	*	*										
%WW2499	*	*										
%WW2500	*	*										
%WW3001	980	K1-4-2FMODBUS	37	1	10.230.162.210	1	A40002	Input(Discrete)	Bits	Normal	NonCriticalFault	
%WW3002	*	*	*	*	*	*	*	*	*	*	CriticalFault	*
%WW3003	*	*	*	*	*	*	*	*	*	*	Userdef_DigIn1Active	*
%WW3004	*	*	*	*	*	*	*	*	*	*	Userdef_DigIn2Active	*
%WW3005	*	*	*	*	*	*	*	*	*	*	Userdef_DigIn3Active	*
%WW3006	*	*	*	*	*	*	*	*	*	*	EmergencySwitchOff	*
%WW3007	*	*	*	*	*	*	*	*	*	*	DouCanFault	*
%WW3008	*	*	*	*	*	*	*	*	*	*	MainsFault	*
%WW3009	*	*	*	*	*	*	*	*	*	*	RectifierWarning	*
%WW3010	*	*	*	*	*	*	*	*	*	*	RectifierFault	*
%WW3011	*	*	*	*	*	*	*	*	*	*	BatteryAlarm	*
%WW3012	*	*	*	*	*	*	*	*	*	*	InverterWarning	*
%WW3013	*	*	*	*	*	*	*	*	*	*	InverterFault	*
%WW3014	*	*	*	*	*	*	*	*	*	*	SBSWarning	*
%WW3015	*	*	*	*	*	*	*	*	*	*	SBSFault	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-113
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port	IP Address PN-Updating Time PN-Offset in Channel	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW3016											EqualisingCharge	
%WW3017											Charge	
%WW3018											TrickleCharge	
%WW3019											GenSetOperation	
%WW3020											BattTemp.SensFault	
%WW3021											BatteryTemp.ToHigh	
%WW3022											CircuitBreaker	
%WW3023											BatteryWarning	
%WW3024											BatteryLow	
%WW3025											Overload	
%WW3026											FanFault	
%WW3027											Overload	
%WW3028											ShortCircuit	
%WW3029											DcUnderVoltage	
%WW3030											DcOverVoltage	
%WW3031											PowerStackOverTemp	
%WW3032											SBSReady	
%WW3033											SBSMainsFault	

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size / PN-Updating Time / PN-Size in Channel	Port / PN-Watchdog Time	IP Address / DCP SET	Station / PN-Module	Device&Address	Data Type	Reverse / PN-slot	Scan / PN-SubModule	Service Comment / PN-Sub Slot	Station name
%WW3034	*	*	*	*	*	*	*	*	*	*	SBSBlocked	*
%WW3035	*	*	*	*	*	*	*	*	*	*	RectifierOn	*
%WW3036	*	*	*	*	*	*	*	*	*	*	InverterOn	*
%WW3037	*	*	*	*	*	*	*	*	*	*	SBSOn	*
%WW3038	*	*	*	*	*	*	*	*	*	*		*
%WW3039	*	*	13	1	10.230.162.210	1	A40039	Input(16-Bit Signed)	No	Normal	RectMainsFreq.	
%WW3040	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL1	*
%WW3041	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL2	*
%WW3042	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL3	*
%WW3043	*	*	*	*	*	*	*	*	*	*	SBSMainsFreq.	*
%WW3044	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL1	*
%WW3045	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL2	*
%WW3046	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL3	*
%WW3047	*	*	*	*	*	*	*	*	*	*	BatteryVoltage	*
%WW3048	*	*	*	*	*	*	*	*	*	*	BatteryCurrent	*
%WW3049	*	*	*	*	*	*	*	*	*	*	AutonomyTime	*
%WW3050	*	*	*	*	*	*	*	*	*	*	BatteryCapacity	*
%WW3051	*	*	*	*	*	*	*	*	*	*	BatteryTemperature	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-115
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size	Port	IP Address	Station / PN-Watchdog Time / PN-Size in Channel	Device&Address / DCP SET	Data Type / PN-Module	Reverse / PN-slot	Scan / PN-SubModule	Service Comment / PN-Sub Slot	Station name
%WW3052	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3053	*	*	13	1	10.230.162.210	1	A40052	Input(16-Bit Signed)	No	Normal	Output Freq	
%WW3054	*	*	*	*	*	*	*	*	*	*	Output VoltageL1	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3055	*	*	*	*	*	*	*	*	*	*	Output Load L1	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3056	*	*	*	*	*	*	*	*	*	*	Output Current L1	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3057	*	*	*	*	*	*	*	*	*	*	Output Power L1	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3058	*	*	*	*	*	*	*	*	*	*	Output Voltage L2	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3059	*	*	*	*	*	*	*	*	*	*	Output Load L2	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3060	*	*	*	*	*	*	*	*	*	*	Output Current L2	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3061	*	*	*	*	*	*	*	*	*	*	Output Power L2	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3062	*	*	*	*	*	*	*	*	*	*	Output Voltage L3	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3063	*	*	*	*	*	*	*	*	*	*	Output Load L3	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3064	*	*	*	*	*	*	*	*	*	*	Output Current L3	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3065	*	*	*	*	*	*	*	*	*	*	Output Power L3	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3066	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3067	*	*	22	1	10.230.162.210	1	A40065	Input(Discrete)	Bits	Normal	LifeCheck	
%WW3068	*	*	*	*	*	*	*	*	*	*	Userdef_AUX1 - Rect.	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%WW3069	*	*	*	*	*	*	*	*	*	*	Userdef_AUX2 - Rect.	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-116
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time		DCP SET	PN-Module	PN-slot		PN-SubModule	PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW3070	*	*	*	*	*	*	*	*	*	*	Userdef_AUX3 - Rect.	*
%WW3071	*	*	*	*	*	*	*	*	*	*	Userdef_AUX4 - Rect.	*
%WW3072	*	*	*	*	*	*	*	*	*	*	Userdef_AUX5 - Rect.	*
%WW3073	*	*	*	*	*	*	*	*	*	*	Userdef_AUX6 - Rect.	*
%WW3074	*	*	*	*	*	*	*	*	*	*	Userdef_AUX7- Rect.	*
%WW3075	*	*	*	*	*	*	*	*	*	*	Userdef_AUX1 - Inv.	*
%WW3076	*	*	*	*	*	*	*	*	*	*	Userdef_AUX2 - Inv.	*
%WW3077	*	*	*	*	*	*	*	*	*	*	Userdef_AUX3 - Inv.	*
%WW3078	*	*	*	*	*	*	*	*	*	*	Userdef_AUX4 - Inv.	*
%WW3079	*	*	*	*	*	*	*	*	*	*	Userdef_AUX5 - Inv.	*
%WW3080	*	*	*	*	*	*	*	*	*	*	Userdef_AUX6 - Inv.	*
%WW3081	*	*	*	*	*	*	*	*	*	*	Userdef_AUX7 - Inv.	*
%WW3082	*	*	*	*	*	*	*	*	*	*	Userdef_AUX1 - SBS	*
%WW3083	*	*	*	*	*	*	*	*	*	*	Userdef_AUX2 - SBS	*
%WW3084	*	*	*	*	*	*	*	*	*	*	Userdef_AUX3 - SBS	*
%WW3085	*	*	*	*	*	*	*	*	*	*	Userdef_AUX4 - SBS	*
%WW3086	*	*	*	*	*	*	*	*	*	*	Userdef_AUX5 - SBS	*
%WW3087	*	*	*	*	*	*	*	*	*	*	Userdef_AUX6 - SBS	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-117
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port PN-Updating Time PN-Offset in Channel	IP Address PN-Watchdog Time PN-Size in Channel	Station	Device&Address DCP SET PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW3088	*	*	*	*	*	*	*	*	*	*	Userdef_AUX7 - SBS	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3089	*	*	8	1	10.230.162.210	1	A40150	Input(16-Bit Signed)	No	Normal	Year (20xx)	
%WW3090	*	*	*	*	*	*	*	*	*	*	Day (0-31)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3091	*	*	*	*	*	*	*	*	*	*	Month (1-12)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3092	*	*	*	*	*	*	*	*	*	*	Hour (0-23)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3093	*	*	*	*	*	*	*	*	*	*	Minute (0-59)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3094	*	*	*	*	*	*	*	*	*	*	Second (0-59)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3095	*	*	*	*	*	*	*	*	*	*	Millisecond (0-999)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3096	*	*	*	*	*	*	*	*	*	*	Weekday	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3097	*	*										
%WW3098	*	*										
%WW3099	*	*	3	2	10.230.162.210	1	A41000	Input(16-Bit Signed)	No	Normal	Rectifier Control	
%WW3100	*	*	*	*	*	*	*	*	*	*	Inverter Control	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3101	*	*	*	*	*	*	*	*	*	*	SBS Control	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3102	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3103	*	*	2	1	10.230.162.210	1	A41003	Input(Discrete)	Bits	Normal	Battery Quick Test	
%WW3104	*	*	*	*	*	*	*	*	*	*	Battery Capacity Test	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3105	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-118
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size PN-Updating Time PN-Size in Channel	Port PN-Watchdog Time	IP Address DCP SET	Station PN-Module	Device&Address	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW3106	*	*										
%WW3107	*	*	1	2	10.230.162.210	1	A41005	Input(16-Bit Signed)	No		Normal Battery Capacity Test RM	
%WW3108	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW3109	*	*	1	1	10.230.162.210	1	A40001	Input(16-Bit Signed)	No		Normal Status (AC UPS F&G -TAG : UP-200F4)	
%WW3110	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW3111	*	*										
%WW3112	*	*										
%WW3113	*	*										
%WW3114	*	*										
%WW3115	*	*										
%WW3116	*	*										
%WW3117	*	*										
%WW3118	*	*										
%WW3119	*	*										
%WW3120	*	*										
%WW3121	*	*										
%WW3122	*	*										
%WW3123	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-119
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3124	*	*										
%WW3125	*	*										
%WW3126	*	*										
%WW3127	*	*										
%WW3128	*	*										
%WW3129	*	*										
%WW3130	*	*										
%WW3131	*	*										
%WW3132	*	*										
%WW3133	*	*										
%WW3134	*	*										
%WW3135	*	*										
%WW3136	*	*										
%WW3137	*	*										
%WW3138	*	*										
%WW3139	*	*										
%WW3140	*	*										
%WW3141	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-120
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3142	*	*										
%WW3143	*	*										
%WW3144	*	*										
%WW3145	*	*										
%WW3146	*	*										
%WW3147	*	*										
%WW3148	*	*										
%WW3149	*	*										
%WW3150	*	*										
%WW3151	*	*										
%WW3152	*	*										
%WW3153	*	*										
%WW3154	*	*										
%WW3155	*	*										
%WW3156	*	*										
%WW3157	*	*										
%WW3158	*	*										
%WW3159	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-121
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3160	*	*										
%WW3161	*	*										
%WW3162	*	*										
%WW3163	*	*										
%WW3164	*	*										
%WW3165	*	*										
%WW3166	*	*										
%WW3167	*	*										
%WW3168	*	*										
%WW3169	*	*										
%WW3170	*	*										
%WW3171	*	*										
%WW3172	*	*										
%WW3173	*	*										
%WW3174	*	*										
%WW3175	*	*										
%WW3176	*	*										
%WW3177	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-122
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3178	*	*										
%WW3179	*	*										
%WW3180	*	*										
%WW3181	*	*										
%WW3182	*	*										
%WW3183	*	*										
%WW3184	*	*										
%WW3185	*	*										
%WW3186	*	*										
%WW3187	*	*										
%WW3188	*	*										
%WW3189	*	*										
%WW3190	*	*										
%WW3191	*	*										
%WW3192	*	*										
%WW3193	*	*										
%WW3194	*	*										
%WW3195	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-123
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size PN-Updating Time PN-Size in Channel	Port PN-Watchdog Time	IP Address DCP SET	Station PN-Module	Device&Address	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW3196	*	*										
%WW3197	*	*										
%WW3198	*	*										
%WW3199	*	*										
%WW3200	*	*										
%WW3201	*	*	37	1	10.230.162.211	1	A40002	Input(Discrete)	Bits	Normal	NonCriticalFault	
%WW3202	*	*	*	*	*	*	*	*	*	*	CriticalFault	*
%WW3203	*	*	*	*	*	*	*	*	*	*	Userdef_DigIn1Active	*
%WW3204	*	*	*	*	*	*	*	*	*	*	Userdef_DigIn2Active	*
%WW3205	*	*	*	*	*	*	*	*	*	*	Userdef_DigIn3Active	*
%WW3206	*	*	*	*	*	*	*	*	*	*	EmergencySwitchOff	*
%WW3207	*	*	*	*	*	*	*	*	*	*	DouCanFault	*
%WW3208	*	*	*	*	*	*	*	*	*	*	MainsFault	*
%WW3209	*	*	*	*	*	*	*	*	*	*	RectifierWarning	*
%WW3210	*	*	*	*	*	*	*	*	*	*	RectifierFault	*
%WW3211	*	*	*	*	*	*	*	*	*	*	BatteryAlarm	*
%WW3212	*	*	*	*	*	*	*	*	*	*	InverterWarning	*
%WW3213	*	*	*	*	*	*	*	*	*	*	InverterFault	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-124
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time		DCP SET	PN-Module	PN-slot		PN-SubModule	PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW3214											SBSWarning	
%WW3215											SBSFault	
%WW3216											EqualisingCharge	
%WW3217											Charge	
%WW3218											TrickleCharge	
%WW3219											GenSetOperation	
%WW3220											BattTemp.SensFault	
%WW3221											BatteryTemp.ToHigh	
%WW3222											CircuitBreaker	
%WW3223											BatteryWarning	
%WW3224											BatteryLow	
%WW3225											Overload	
%WW3226											FanFault	
%WW3227											Overload	
%WW3228											ShortCircuit	
%WW3229											DcUnderVoltage	
%WW3230											DcOverVoltage	
%WW3231											PowerStackOverTemp	

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-125
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size	Port	IP Address / PN-Updating Time / PN-Watchdog Time / PN-Size in Channel	Station	Device&Address / DCP SET / PN-Module	Data Type	Reverse / PN-slot	Scan / PN-SubModule	Service Comment / PN-Sub Slot	Station name
%WW3232	*	*	*	*	*	*	*	*	*	*	SBSReady	*
%WW3233	*	*	*	*	*	*	*	*	*	*	SBSMainsFault	*
%WW3234	*	*	*	*	*	*	*	*	*	*	SBSBlocked	*
%WW3235	*	*	*	*	*	*	*	*	*	*	RectifierOn	*
%WW3236	*	*	*	*	*	*	*	*	*	*	InverterOn	*
%WW3237	*	*	*	*	*	*	*	*	*	*	SBSOn	*
%WW3238	*	*	*	*	*	*	*	*	*	*		*
%WW3239	*	*	13	1	10.230.162.211	1	A40039	Input(16-Bit Signed)	No	Normal	RectMainsFreq.	
%WW3240	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL1	*
%WW3241	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL2	*
%WW3242	*	*	*	*	*	*	*	*	*	*	RectMainsVoltL3	*
%WW3243	*	*	*	*	*	*	*	*	*	*	SBSMainsFreq.	*
%WW3244	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL1	*
%WW3245	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL2	*
%WW3246	*	*	*	*	*	*	*	*	*	*	SBSMainsVoltL3	*
%WW3247	*	*	*	*	*	*	*	*	*	*	BatteryVoltage	*
%WW3248	*	*	*	*	*	*	*	*	*	*	BatteryCurrent	*
%WW3249	*	*	*	*	*	*	*	*	*	*	AutonomyTime	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-126
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port	IP Address PN-Updating Time PN-Offset in Channel	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW3250	*	*	*	*	*	*	*	*	*	*	BatteryCapacity	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3251	*	*	*	*	*	*	*	*	*	*	BatteryTemperature	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3252	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3253	*	*	13	1	10.230.162.211	1	A40052	Input(16-Bit Signed)	No	Normal	OutputFreq.	
%WW3254	*	*	*	*	*	*	*	*	*	*	OutputVoltageL1	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3255	*	*	*	*	*	*	*	*	*	*	OutputLoadL1	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3256	*	*	*	*	*	*	*	*	*	*	OutputCurrentL1	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3257	*	*	*	*	*	*	*	*	*	*	OutputPowerL1	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3258	*	*	*	*	*	*	*	*	*	*	OutputVoltageL2	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3259	*	*	*	*	*	*	*	*	*	*	OutputLoadL2	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3260	*	*	*	*	*	*	*	*	*	*	OutputCurrentL2	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3261	*	*	*	*	*	*	*	*	*	*	OutputPowerL2	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3262	*	*	*	*	*	*	*	*	*	*	OutputVoltageL3	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3263	*	*	*	*	*	*	*	*	*	*	OutputLoadL3	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3264	*	*	*	*	*	*	*	*	*	*	OutputCurrentL3	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3265	*	*	*	*	*	*	*	*	*	*	OutputPowerL3	*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3266	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*	*	*	*	*	
	*		*		*							
%WW3267	*	*	22	1	10.230.162.211	1	A40065	Input(Discrete)	Bits	Normal	LIFECHECK BIT	

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-127
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port	IP Address PN-Updating Time PN-Offset in Channel	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse	Scan PN-slot	Service Comment PN-SubModule	Station name PN-Sub Slot
%WW3268	*	*	*	*	*	*	*	*	*	*	Userdef_AUX1 - Rect.	*
%WW3269	*	*	*	*	*	*	*	*	*	*	Userdef_AUX2 - Rect.	*
%WW3270	*	*	*	*	*	*	*	*	*	*	Userdef_AUX3 - Rect.	*
%WW3271	*	*	*	*	*	*	*	*	*	*	Userdef_AUX4 - Rect.	*
%WW3272	*	*	*	*	*	*	*	*	*	*	Userdef_AUX5 - Rect.	*
%WW3273	*	*	*	*	*	*	*	*	*	*	Userdef_AUX6 - Rect.	*
%WW3274	*	*	*	*	*	*	*	*	*	*	Userdef_AUX7- Rect.	*
%WW3275	*	*	*	*	*	*	*	*	*	*	Userdef_AUX1 - Inv.	*
%WW3276	*	*	*	*	*	*	*	*	*	*	Userdef_AUX2 - Inv.	*
%WW3277	*	*	*	*	*	*	*	*	*	*	Userdef_AUX3 - Inv.	*
%WW3278	*	*	*	*	*	*	*	*	*	*	Userdef_AUX4 - Inv.	*
%WW3279	*	*	*	*	*	*	*	*	*	*	Userdef_AUX5 - Inv.	*
%WW3280	*	*	*	*	*	*	*	*	*	*	Userdef_AUX6 - Inv.	*
%WW3281	*	*	*	*	*	*	*	*	*	*	Userdef_AUX7 - Inv.	*
%WW3282	*	*	*	*	*	*	*	*	*	*	Userdef_AUX1 - SBS	*
%WW3283	*	*	*	*	*	*	*	*	*	*	Userdef_AUX2 - SBS	*
%WW3284	*	*	*	*	*	*	*	*	*	*	Userdef_AUX3 - SBS	*
%WW3285	*	*	*	*	*	*	*	*	*	*	Userdef_AUX4 - SBS	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-128
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW3286	*	*	*	*	*	*	*	*	*	*	Userdef_AUX5 - SBS	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3287	*	*	*	*	*	*	*	*	*	*	Userdef_AUX6 - SBS	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3288	*	*	*	*	*	*	*	*	*	*	Userdef_AUX7 - SBS	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3289	*	*	8	1	10.230.162.211	1	A40150	Input(16-Bit Signed)	No	Normal	Year (20xx)	
%WW3290	*	*	*	*	*	*	*	*	*	*	Day (0-31)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3291	*	*	*	*	*	*	*	*	*	*	Month (1-12)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3292	*	*	*	*	*	*	*	*	*	*	Hour (0-23)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3293	*	*	*	*	*	*	*	*	*	*	Minute (0-59)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3294	*	*	*	*	*	*	*	*	*	*	Second (0-59)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3295	*	*	*	*	*	*	*	*	*	*	Millisecond (0-999)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3296	*	*	*	*	*	*	*	*	*	*	Weekday	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3297	*	*	3	1	10.230.162.211	1	A41000	Output(16-Bit Signed)	No	Normal	Rectifier Control	
%WW3298	*	*	*	*	*	*	*	*	*	*	Inverter Control	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3299	*	*	*	*	*	*	*	*	*	*	SBS Control	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3300	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3301	*	*	2	1	10.230.162.211	1	A41003	Input(Discrete)	Bits	Normal	Battery Quick Test	
%WW3302	*	*	*	*	*	*	*	*	*	*	Battery Capacity Test	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3303	*	*	1	1	10.230.162.211	1	A41005	Input(16-Bit Signed)	No	Normal	Battery Capcity Test RM	

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-129
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size PN-Updating Time PN-Offset in Channel	Port PN-Watchdog Time PN-Size in Channel	IP Address	Station DCP SET	Device&Address PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW3304	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*	*								
%WW3305	*	*										
%WW3306	*	*										
%WW3307	*	*	1	1	10.230.162.211	1	A40001	Input(16-Bit Signed)	No	Normal Status	(AC UPS F&G -TAG : UP-200F4)	
%WW3308	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*	*								
%WW3309	*	*										
%WW3310	*	*										
%WW3311	*	*										
%WW3312	*	*										
%WW3313	*	*										
%WW3314	*	*										
%WW3315	*	*										
%WW3316	*	*										
%WW3317	*	*										
%WW3318	*	*										
%WW3319	*	*										
%WW3320	*	*										
%WW3321	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-130
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3322	*	*										
%WW3323	*	*										
%WW3324	*	*										
%WW3325	*	*										
%WW3326	*	*										
%WW3327	*	*										
%WW3328	*	*										
%WW3329	*	*										
%WW3330	*	*										
%WW3331	*	*										
%WW3332	*	*										
%WW3333	*	*										
%WW3334	*	*										
%WW3335	*	*										
%WW3336	*	*										
%WW3337	*	*										
%WW3338	*	*										
%WW3339	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-131
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module			PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3340	*	*										
%WW3341	*	*										
%WW3342	*	*										
%WW3343	*	*										
%WW3344	*	*										
%WW3345	*	*										
%WW3346	*	*										
%WW3347	*	*										
%WW3348	*	*										
%WW3349	*	*										
%WW3350	*	*										
%WW3351	*	*	48	1	10.230.162.209	1	A40001	Input(Discrete)	Bits	Normal		
%WW3352	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	*
	*		*		*							
%WW3353	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	*
	*		*		*							
%WW3354	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	*
	*		*		*							
%WW3355	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	*
	*		*		*							
%WW3356	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	*
	*		*		*							
%WW3357	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	*
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-1 32
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW3358	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3359	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3360	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3361	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3362	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3363	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3364	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3365	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3366	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3367	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3368	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3369	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3370	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3371	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3372	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3373	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3374	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%WW3375	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-133
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW3376	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3377	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3378	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3379	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3380	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3381	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3382	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3383	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3384	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3385	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3386	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3387	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3388	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3389	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3390	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3391	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3392	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3393	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-134
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port PN-Updating Time PN-Offset in Channel	IP Address PN-Watchdog Time PN-Size in Channel	Station	Device&Address DCP SET PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment	Station name PN-Sub Slot
%WW3394	*	*	*	*	*	*	*	*	*	*		*
%WW3395	*	*	*	*	*	*	*	*	*	*		*
%WW3396	*	*	*	*	*	*	*	*	*	*		*
%WW3397	*	*	*	*	*	*	*	*	*	*		*
%WW3398	*	*	*	*	*	*	*	*	*	*		*
%WW3399	*	*										
%WW3400	*	*										
%WW3401	*	*	28	1	10.230.162.209	1	A40099	Input(16-Bit Unsigned)	No	Normal		
%WW3402	*	*	*	*	*	*	*	*	*	*		*
%WW3403	*	*	*	*	*	*	*	*	*	*		*
%WW3404	*	*	*	*	*	*	*	*	*	*		*
%WW3405	*	*	*	*	*	*	*	*	*	*		*
%WW3406	*	*	*	*	*	*	*	*	*	*		*
%WW3407	*	*	*	*	*	*	*	*	*	*		*
%WW3408	*	*	*	*	*	*	*	*	*	*		*
%WW3409	*	*	*	*	*	*	*	*	*	*		*
%WW3410	*	*	*	*	*	*	*	*	*	*		*
%WW3411	*	*	*	*	*	*	*	*	*	*		*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-135
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%WW3412	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3413	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3414	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3415	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3416	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3417	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3418	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3419	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3420	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3421	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3422	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3423	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3424	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3425	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3426	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3427	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3428	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%WW3429	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-136
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size	Port	IP Address PN-Updating Time	Station PN-Watchdog Time	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name PN-Size in Channel
%WW3430	*	*										
%WW3431	*	*										
%WW3432	*	*										
%WW3433	*	*										
%WW3434	*	*										
%WW3435	*	*										
%WW3436	*	*										
%WW3437	*	*										
%WW3438	*	*										
%WW3439	*	*										
%WW3440	*	*										
%WW3441	*	*	2	1	10.230.162.209	1	B40201	Output(32-Bit Floating)	No	Normal		
%WW3442	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*		*							
%WW3443	*	*										
%WW3444	*	*										
%WW3445	*	*										
%WW3446	*	*										
%WW3447	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-137
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3448	*	*										
%WW3449	*	*										
%WW3450	*	*										
%WW3451	*	*										
%WW3452	*	*										
%WW3453	*	*										
%WW3454	*	*										
%WW3455	*	*										
%WW3456	*	*										
%WW3457	*	*										
%WW3458	*	*										
%WW3459	*	*										
%WW3460	*	*										
%WW3461	*	*										
%WW3462	*	*										
%WW3463	*	*										
%WW3464	*	*										
%WW3465	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-138
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3466	*	*										
%WW3467	*	*										
%WW3468	*	*										
%WW3469	*	*										
%WW3470	*	*										
%WW3471	*	*										
%WW3472	*	*										
%WW3473	*	*										
%WW3474	*	*										
%WW3475	*	*										
%WW3476	*	*										
%WW3477	*	*										
%WW3478	*	*										
%WW3479	*	*										
%WW3480	*	*										
%WW3481	*	*										
%WW3482	*	*										
%WW3483	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-139
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3484	*	*										
%WW3485	*	*										
%WW3486	*	*										
%WW3487	*	*										
%WW3488	*	*										
%WW3489	*	*										
%WW3490	*	*										
%WW3491	*	*										
%WW3492	*	*										
%WW3493	*	*										
%WW3494	*	*										
%WW3495	*	*										
%WW3496	*	*										
%WW3497	*	*										
%WW3498	*	*										
%WW3499	*	*										
%WW3500	*	*										
%WW3501	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-140
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3502	*	*										
%WW3503	*	*										
%WW3504	*	*										
%WW3505	*	*										
%WW3506	*	*										
%WW3507	*	*										
%WW3508	*	*										
%WW3509	*	*										
%WW3510	*	*										
%WW3511	*	*										
%WW3512	*	*										
%WW3513	*	*										
%WW3514	*	*										
%WW3515	*	*										
%WW3516	*	*										
%WW3517	*	*										
%WW3518	*	*										
%WW3519	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-141
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3520	*	*										
%WW3521	*	*										
%WW3522	*	*										
%WW3523	*	*										
%WW3524	*	*										
%WW3525	*	*										
%WW3526	*	*										
%WW3527	*	*										
%WW3528	*	*										
%WW3529	*	*										
%WW3530	*	*										
%WW3531	*	*										
%WW3532	*	*										
%WW3533	*	*										
%WW3534	*	*										
%WW3535	*	*										
%WW3536	*	*										
%WW3537	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-142
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3538	*	*										
%WW3539	*	*										
%WW3540	*	*										
%WW3541	*	*										
%WW3542	*	*										
%WW3543	*	*										
%WW3544	*	*										
%WW3545	*	*										
%WW3546	*	*										
%WW3547	*	*										
%WW3548	*	*										
%WW3549	*	*										
%WW3550	*	*										
%WW3551	*	*										
%WW3552	*	*										
%WW3553	*	*										
%WW3554	*	*										
%WW3555	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-143
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3556	*	*										
%WW3557	*	*										
%WW3558	*	*										
%WW3559	*	*										
%WW3560	*	*										
%WW3561	*	*										
%WW3562	*	*										
%WW3563	*	*										
%WW3564	*	*										
%WW3565	*	*										
%WW3566	*	*										
%WW3567	*	*										
%WW3568	*	*										
%WW3569	*	*										
%WW3570	*	*										
%WW3571	*	*										
%WW3572	*	*										
%WW3573	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-144
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3574	*	*										
%WW3575	*	*										
%WW3576	*	*										
%WW3577	*	*										
%WW3578	*	*										
%WW3579	*	*										
%WW3580	*	*										
%WW3581	*	*										
%WW3582	*	*										
%WW3583	*	*										
%WW3584	*	*										
%WW3585	*	*										
%WW3586	*	*										
%WW3587	*	*										
%WW3588	*	*										
%WW3589	*	*										
%WW3590	*	*										
%WW3591	*	*										

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size	Port	IP Address PN-Updating Time PN-Size in Channel	Station PN-Watchdog Time	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%WW3592	*	*										
%WW3593	*	*										
%WW3594	*	*										
%WW3595	*	*										
%WW3596	*	*										
%WW3597	*	*										
%WW3598	*	*										
%WW3599	*	*										
%WW3600	*	*										
%WW3601	*	*	6	1	10.230.162.113	1	A40006	Output(32-Bit Floating)	No	Normal ph		
%WW3602	*	*	*	*	*	*	*	*	*	*	*	
	*	*	*	*	*	*	*	*	*	*	*	
%WW3603	*	*	*	*	*	*	*	*	*	*	*	
	*	*	*	*	*	*	*	*	*	*	*	
%WW3604	*	*	*	*	*	*	*	*	*	*	*	
	*	*	*	*	*	*	*	*	*	*	*	
%WW3605	*	*	*	*	*	*	*	*	*	*	*	
	*	*	*	*	*	*	*	*	*	*	*	
%WW3606	*	*	*	*	*	*	*	*	*	*	*	
	*	*	*	*	*	*	*	*	*	*	*	
%WW3607	*	*	2	1	10.230.162.113	1	A40012	Output(32-Bit Floating)	No	Normal		
%WW3608	*	*	*	*	*	*	*	*	*	*	*	
	*	*	*	*	*	*	*	*	*	*	*	
%WW3609	*	*	2	1	10.230.162.113	1	A40001	Output(16-Bit Unsigned)	No	Normal		

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-146
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size PN-Offset in Channel	Port PN-Updating Time	IP Address PN-Watchdog Time	Station PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment	Station name PN-Sub Slot
%WW3610	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%WW3611	*	*	1	1	10.230.162.113	1	A40004	Output(16-Bit Unsigned)	No	Normal		
%WW3612	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%WW3613	*	*	2	1	10.230.162.113	1	A40021	Output(32-Bit Floating)	Words	Normal		
%WW3614	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%WW3615	*	*	1	1	10.230.162.113	1	A40023	Output(16-Bit Unsigned)	No	Normal		
%WW3616	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%WW3617	*	*										
%WW3618	*	*										
%WW3619	*	*										
%WW3620	*	*										
%WW3621	*	*	13	1	10.230.162.113	1	A30001	Input(16-Bit Signed)	No	Normal	EMCS ENTER MODE	
%WW3622	*	*	*	*	*	*	*	*	*	*	EMCS CURRENT MODE	*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%WW3623	*	*	*	*	*	*	*	*	*	*	FUELCELL STATUS	*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%WW3624	*	*	*	*	*	*	*	*	*	*	ELECTROLYZER STATUS	*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%WW3625	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%WW3626	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%WW3627	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-147
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway	Size	Port	IP Address / PN-Updating Time / PN-Offset in Channel	Station / PN-Watchdog Time / PN-Size in Channel	Device&Address / DCP SET	Data Type / PN-Module	Reverse / PN-slot	Scan / PN-SubModule	Service Comment	Station name / PN-Sub Slot
%WW3628	* * *	* * *	*	*	* * *	* * *	* *	*	*	*		*
%WW3629	* * *	* * *	*	*	* * *	* * *	* *	*	*	*		*
%WW3630	* * *	* * *	*	*	* * *	* * *	* *	*	*	*		*
%WW3631	* * *	* * *	*	*	* * *	* * *	* *	*	*	*	WATER REQUEST TO ELECTROLYZER	*
%WW3632	* * *	* * *	*	*	* * *	* * *	* *	*	*	*	FC CURRENT POWER	*
%WW3633	* * *	* * *	*	*	* * *	* * *	* *	*	*	*	FC TARGET POWER	*
%WW3634	* * *	* * *	*	*	* * *	* * *	* *	*	*	*		*
%WW3635	* *	* *	1	1	10.230.162.113	1	Y00002	Output(Discrete)	Bits	Normal		
%WW3636	* * *	* * *	*	*	* * *	* * *	* *	*	*	*		*
%WW3637	* *											
%WW3638	* *											
%WW3639	* *											
%WW3640	* *											
%WW3641	* *		1	1	10.230.162.113	1	A10000	Input(Discrete)	Bits	Normal		
%WW3642	* * *	* * *	*	*	* * *	* * *	* *	*	*	*		*
%WW3643	* *											
%WW3644	* *											
%WW3645	* *											

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-148
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3646	*	*										
%WW3647	*	*										
%WW3648	*	*										
%WW3649	*	*										
%WW3650	*	*										
%WW3651	*	*										
%WW3652	*	*										
%WW3653	*	*										
%WW3654	*	*										
%WW3655	*	*										
%WW3656	*	*										
%WW3657	*	*										
%WW3658	*	*										
%WW3659	*	*										
%WW3660	*	*										
%WW3661	*	*										
%WW3662	*	*										
%WW3663	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-149
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3664	*	*										
%WW3665	*	*										
%WW3666	*	*										
%WW3667	*	*										
%WW3668	*	*										
%WW3669	*	*										
%WW3670	*	*										
%WW3671	*	*										
%WW3672	*	*										
%WW3673	*	*										
%WW3674	*	*										
%WW3675	*	*										
%WW3676	*	*										
%WW3677	*	*										
%WW3678	*	*										
%WW3679	*	*										
%WW3680	*	*										
%WW3681	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-150
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3682	*	*										
%WW3683	*	*										
%WW3684	*	*										
%WW3685	*	*										
%WW3686	*	*										
%WW3687	*	*										
%WW3688	*	*										
%WW3689	*	*										
%WW3690	*	*										
%WW3691	*	*										
%WW3692	*	*										
%WW3693	*	*										
%WW3694	*	*										
%WW3695	*	*										
%WW3696	*	*										
%WW3697	*	*										
%WW3698	*	*										
%WW3699	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-151
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3700	*	*										
%WW3701	*	*										
%WW3702	*	*										
%WW3703	*	*										
%WW3704	*	*										
%WW3705	*	*										
%WW3706	*	*										
%WW3707	*	*										
%WW3708	*	*										
%WW3709	*	*										
%WW3710	*	*										
%WW3711	*	*										
%WW3712	*	*										
%WW3713	*	*										
%WW3714	*	*										
%WW3715	*	*										
%WW3716	*	*										
%WW3717	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-152
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3718	*	*										
%WW3719	*	*										
%WW3720	*	*										
%WW3721	*	*										
%WW3722	*	*										
%WW3723	*	*										
%WW3724	*	*										
%WW3725	*	*										
%WW3726	*	*										
%WW3727	*	*										
%WW3728	*	*										
%WW3729	*	*										
%WW3730	*	*										
%WW3731	*	*										
%WW3732	*	*										
%WW3733	*	*										
%WW3734	*	*										
%WW3735	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-153
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3736	*	*										
%WW3737	*	*										
%WW3738	*	*										
%WW3739	*	*										
%WW3740	*	*										
%WW3741	*	*										
%WW3742	*	*										
%WW3743	*	*										
%WW3744	*	*										
%WW3745	*	*										
%WW3746	*	*										
%WW3747	*	*										
%WW3748	*	*										
%WW3749	*	*										
%WW3750	*	*										
%WW3751	*	*										
%WW3752	*	*										
%WW3753	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-154
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3754	*	*										
%WW3755	*	*										
%WW3756	*	*										
%WW3757	*	*										
%WW3758	*	*										
%WW3759	*	*										
%WW3760	*	*										
%WW3761	*	*										
%WW3762	*	*										
%WW3763	*	*										
%WW3764	*	*										
%WW3765	*	*										
%WW3766	*	*										
%WW3767	*	*										
%WW3768	*	*										
%WW3769	*	*										
%WW3770	*	*										
%WW3771	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-155
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3772	*	*										
%WW3773	*	*										
%WW3774	*	*										
%WW3775	*	*										
%WW3776	*	*										
%WW3777	*	*										
%WW3778	*	*										
%WW3779	*	*										
%WW3780	*	*										
%WW3781	*	*										
%WW3782	*	*										
%WW3783	*	*										
%WW3784	*	*										
%WW3785	*	*										
%WW3786	*	*										
%WW3787	*	*										
%WW3788	*	*										
%WW3789	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-156
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3790	*	*										
%WW3791	*	*										
%WW3792	*	*										
%WW3793	*	*										
%WW3794	*	*										
%WW3795	*	*										
%WW3796	*	*										
%WW3797	*	*										
%WW3798	*	*										
%WW3799	*	*										
%WW3800	*	*										
%WW3801	*	*										
%WW3802	*	*										
%WW3803	*	*										
%WW3804	*	*										
%WW3805	*	*										
%WW3806	*	*										
%WW3807	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3808	*	*										
%WW3809	*	*										
%WW3810	*	*										
%WW3811	*	*										
%WW3812	*	*										
%WW3813	*	*										
%WW3814	*	*										
%WW3815	*	*										
%WW3816	*	*										
%WW3817	*	*										
%WW3818	*	*										
%WW3819	*	*										
%WW3820	*	*										
%WW3821	*	*										
%WW3822	*	*										
%WW3823	*	*										
%WW3824	*	*										
%WW3825	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-158
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3826	*	*										
%WW3827	*	*										
%WW3828	*	*										
%WW3829	*	*										
%WW3830	*	*										
%WW3831	*	*										
%WW3832	*	*										
%WW3833	*	*										
%WW3834	*	*										
%WW3835	*	*										
%WW3836	*	*										
%WW3837	*	*										
%WW3838	*	*										
%WW3839	*	*										
%WW3840	*	*										
%WW3841	*	*										
%WW3842	*	*										
%WW3843	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-159
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3844	*	*										
%WW3845	*	*										
%WW3846	*	*										
%WW3847	*	*										
%WW3848	*	*										
%WW3849	*	*										
%WW3850	*	*										
%WW3851	*	*										
%WW3852	*	*										
%WW3853	*	*										
%WW3854	*	*										
%WW3855	*	*										
%WW3856	*	*										
%WW3857	*	*										
%WW3858	*	*										
%WW3859	*	*										
%WW3860	*	*										
%WW3861	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-160
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3862	*	*										
%WW3863	*	*										
%WW3864	*	*										
%WW3865	*	*										
%WW3866	*	*										
%WW3867	*	*										
%WW3868	*	*										
%WW3869	*	*										
%WW3870	*	*										
%WW3871	*	*										
%WW3872	*	*										
%WW3873	*	*										
%WW3874	*	*										
%WW3875	*	*										
%WW3876	*	*										
%WW3877	*	*										
%WW3878	*	*										
%WW3879	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-161
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3880	*	*										
%WW3881	*	*										
%WW3882	*	*										
%WW3883	*	*										
%WW3884	*	*										
%WW3885	*	*										
%WW3886	*	*										
%WW3887	*	*										
%WW3888	*	*										
%WW3889	*	*										
%WW3890	*	*										
%WW3891	*	*										
%WW3892	*	*										
%WW3893	*	*										
%WW3894	*	*										
%WW3895	*	*										
%WW3896	*	*										
%WW3897	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-162
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3898	*	*										
%WW3899	*	*										
%WW3900	*	*										
%WW3901	*	*										
%WW3902	*	*										
%WW3903	*	*										
%WW3904	*	*										
%WW3905	*	*										
%WW3906	*	*										
%WW3907	*	*										
%WW3908	*	*										
%WW3909	*	*										
%WW3910	*	*										
%WW3911	*	*										
%WW3912	*	*										
%WW3913	*	*										
%WW3914	*	*										
%WW3915	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3916	*	*										
%WW3917	*	*										
%WW3918	*	*										
%WW3919	*	*										
%WW3920	*	*										
%WW3921	*	*										
%WW3922	*	*										
%WW3923	*	*										
%WW3924	*	*										
%WW3925	*	*										
%WW3926	*	*										
%WW3927	*	*										
%WW3928	*	*										
%WW3929	*	*										
%WW3930	*	*										
%WW3931	*	*										
%WW3932	*	*										
%WW3933	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-164
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3934	*	*										
%WW3935	*	*										
%WW3936	*	*										
%WW3937	*	*										
%WW3938	*	*										
%WW3939	*	*										
%WW3940	*	*										
%WW3941	*	*										
%WW3942	*	*										
%WW3943	*	*										
%WW3944	*	*										
%WW3945	*	*										
%WW3946	*	*										
%WW3947	*	*										
%WW3948	*	*										
%WW3949	*	*										
%WW3950	*	*										
%WW3951	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-165
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3952	*	*										
%WW3953	*	*										
%WW3954	*	*										
%WW3955	*	*										
%WW3956	*	*										
%WW3957	*	*										
%WW3958	*	*										
%WW3959	*	*										
%WW3960	*	*										
%WW3961	*	*										
%WW3962	*	*										
%WW3963	*	*										
%WW3964	*	*										
%WW3965	*	*										
%WW3966	*	*										
%WW3967	*	*										
%WW3968	*	*										
%WW3969	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataWW.edf	SHEET:		YOKOGAWA	PAGE:3-7-166
STATION:	FCS0101	SAVED DATE:	7/5/2025 1:00:37 AM	COMMENT:			
SECTION:	Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%WW3970	*	*										
%WW3971	*	*										
%WW3972	*	*										
%WW3973	*	*										
%WW3974	*	*										
%WW3975	*	*										
%WW3976	*	*										
%WW3977	*	*										
%WW3978	*	*										
%WW3979	*	*										
%WW3980	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	WBTagDef.edf	SHEET:		YOKOGAWA	PAGE:3-8-1
STATION:	FCS0101	SAVED DATE:	7/12/2025 1:13:39 AM	COMMENT:			
SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

Communication I/O Builder

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0001	%WB000101	20UA-5301	NON CRITICAL FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0002	%WB000201	20XA-5301	CRITICAL FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0003	%WB000301	20US-5307	USERDEF_DIGIN1ACTIVE	ON,,OFF,ON	Direct	G	R	4
0004	%WB000401	20US-5308	USERDEF_DIGIN2ACTIVE	ON,,OFF,ON	Direct	G	R	4
0005	%WB000501	20US-5309	USERDEF_DIGIN3ACTIVE	ON,,OFF,ON	Direct	G	R	4
0006	%WB000601	20US-5310	EMERGENCYSWITCHOFF	ON,,OFF,ON	Direct	G	R	4
0007	%WB000701	20XA-5302	DOU CAN FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0008	%WB000801	20XA-5303	MAINS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0009	%WB000901	20US-5311	RECTIFIER WARNING	ON,,OFF,ON	Direct	R	GR	4
0010	%WB001001	20XA-5304	RECTIFIER FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0011	%WB001101	20XA-5305	BATTERY ALARM	ALARM,,NORMAL,ALARM	Direct	R	G	4
0012	%WB001201	20US-5312	INVERTER WARNING	ON,,OFF,ON	Direct	G	R	4
0013	%WB001301	20XA-5306	INVERTER FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0014	%WB001401	20US-5313	SBS WARNING	ON,,OFF,ON	Direct	R	GR	4
0015	%WB001501	20XA-5307	SBS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0016	%WB001601	20US-5314	EQUALISING CHARGE	ON,,OFF,ON	Direct	G	R	4
0017	%WB001701	20UA-5327	CHARGE	ON,,OFF,ON	Direct	G	R	4
0018	%WB001801	20UA-5328	TRICKLE CHARGE	ON,,OFF,ON	Direct	G	R	4
0019	%WB001901	20UA-5302	GENSET OPERATION	ALARM,,NORMAL,ALARM	Direct	R	G	4
0020	%WB002001	20XA-5308	BATT TEMP SENS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0021	%WB002101	20TA-5301	BATTERY TEMP TOHIGH	ON,,OFF,ON	Direct	R	GR	4
0022	%WB002201	20XS-5301	CIRCUIT BREAKER	ON,,OFF,ON	Direct	G	R	4
0023	%WB002301	20US-5317	BATTERY WARNING	ON,,OFF,ON	Direct	R	GR	4
0024	%WB002401	20US-5318	BATTERY LOW	ON,,OFF,ON	Direct	G	R	4
0025	%WB002501	20US-5319	OVERLOAD	ON,,OFF,ON	Direct	R	G	4
0026	%WB002601	20XA-5309	FAN FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0027	%WB002701	20UA-5303	OVERLOAD	ALARM,,NORMAL,ALARM	Direct	R	G	4
0028	%WB002801	20US-5320	SHORT CIRCUIT	ON,,OFF,ON	Direct	G	R	4
0029	%WB002901	20US-5321	DC UNDER VOLTAGE	ON,,OFF,ON	Direct	G	R	4
0030	%WB003001	20US-5322	DC OVER VOLTAGE	ON,,OFF,ON	Direct	G	R	4
0031	%WB003101	20XA-5310	POWER STACK OVERTEMP	ALARM,,NORMAL,ALARM	Direct	R	G	4
0032	%WB003201	20RDY-5301	SBS READY	READY,,N_READY,READY	Direct	G	R	4
0033	%WB003301	20XA-5311	SBS MAINS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0034	%WB003401	20US-5323	SBSB LOCKED	ON,,OFF,ON	Direct	G	R	4
0035	%WB003501	20US-5324	RECTIFIER ON	ON,,OFF,ON	Direct	G	R	4
0036	%WB003601	20US-5325	INVERTER ON	ON,,OFF,ON	Direct	G	R	4
0037	%WB003701	20US-5326	SBS ON	ON,,OFF,ON	Direct	G	R	4
0038	%WB006701	20US-5343	LIFE CHECK BIT	ON,,OFF,ON	Direct	G	R	4
0039	%WB006801	20UA-5304	USERDEF_AUX2 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0040	%WB006901	20UA-5305	USERDEF_AUX2 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0041	%WB007001	20UA-5306	USERDEF_AUX3 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0042	%WB007101	20UA-5307	USERDEF_AUX4 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0043	%WB007201	20UA-5308	USERDEF_AUX5 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0044	%WB007301	20UA-5309	USERDEF_AUX6 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0045	%WB007401	20UA-5310	USERDEF_AUX7– RECT	ALARM,,NORMAL,ALARM	Reverse	R	G	4
0046	%WB007501	20UA-5311	BATTERTY MCCB OPEN	OPEN,,CLOSE,OPEN	Direct	R	G	4
0047	%WB007601	20UA-5312	USERDEF_AUX2 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0048	%WB007701	20UA-5313	USERDEF_AUX3 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0049	%WB007801	20UA-5314	USERDEF_AUX4 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0050	%WB007901	20UA-5315	USERDEF_AUX5 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0051	%WB008001	20UA-5316	USERDEF_AUX6 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0052	%WB008101	20UA-5317	USERDEF_AUX7 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0053	%WB008201	20UA-5318	USERDEF_AUX1 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0054	%WB008301	20UA-5319	USERDEF_AUX2 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4

PROJECT:	BLPH-CW1	FILE NAME:	WBTagDef.edf	SHEET:		YOKOGAWA	PAGE:3-8-2
STATION:	FCS0101	SAVED DATE:	7/12/2025 1:13:39 AM	COMMENT:			
SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0055	%WB008401	20UA-5320	USERDEF_AUX3 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0056	%WB008501	20UA-5321	USERDEF_AUX4 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0057	%WB008601	20UA-5322	USERDEF_AUX5 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0058	%WB008701	20UA-5323	USERDEF_AUX6 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0059	%WB008801	20UA-5324	USERDEF_AUX7 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0077	%WB010309	20US-5331	TEST NOT IMPLEMENTED	ON,,OFF,ON	Direct	G	GR	4
0078	%WB010310	20US-5332	TEST IMPL WAITNG APPROVA	ON,,OFF,ON	Direct	G	GR	4
0079	%WB010311	20US-5333	TEST APPROVED	ON,,OFF,ON	Direct	G	GR	4
0080	%WB010312	20US-5334	TEST RUNNING	ON,,OFF,ON	Direct	G	GR	4
0081	%WB010313	20US-5335	TEST SUCCESSFUL	ON,,OFF,ON	Direct	G	GR	4
0082	%WB010314	20US-5336	TEST CANCELLED	ON,,OFF,ON	Direct	G	GR	4
0083	%WB010315	20UA-5325	TEST WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0084	%WB010316	20XA-5315	TEST ERROR	ON,,OFF,ON	Direct	G	GR	4
0088	%WB010409	20US-5337	TEST NOT IMPLEMENTED	ON,,OFF,ON	Direct	G	GR	4
0089	%WB010410	20US-5338	TEST IMPL WAITNG APPROVA	ON,,OFF,ON	Direct	G	GR	4
0090	%WB010411	20US-5339	TEST APPROVED	ON,,OFF,ON	Direct	G	GR	4
0091	%WB010412	20US-5340	TEST RUNNING	ON,,OFF,ON	Direct	G	GR	4
0092	%WB010413	20US-5341	TEST SUCCESSFUL	ON,,OFF,ON	Direct	G	GR	4
0093	%WB010414	20US-5342	TEST CANCELLED	ON,,OFF,ON	Direct	G	GR	4
0094	%WB010415	20UA-5326	TEST WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0095	%WB010416	20XA-5316	TEST ERROR	ON,,OFF,ON	Direct	G	GR	4
0101	%WB300101	20UA-5351	NON CRITICAL FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0102	%WB300201	20XA-5351	CRITICAL FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0103	%WB300301	20US-5357	USERDEF_DIGIN1ACTIVE	ON,,OFF,ON	Direct	G	R	4
0104	%WB300401	20US-5358	USERDEF_DIGIN2ACTIVE	ON,,OFF,ON	Direct	G	R	4
0105	%WB300501	20US-5359	USERDEF_DIGIN3ACTIVE	ON,,OFF,ON	Direct	G	R	4
0106	%WB300601	20US-5360	EMERGENCYSWITCHOFF	ON,,OFF,ON	Direct	G	R	4
0107	%WB300701	20XA-5352	DOU CAN FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0108	%WB300801	20XA-5353	MAINS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0109	%WB300901	20US-5361	RECTIFIER WARNING	ON,,OFF,ON	Direct	R	GR	4
0110	%WB301001	20XA-5354	RECTIFIER FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0111	%WB301101	20XA-5355	BATTERY ALARM	ALARM,,NORMAL,ALARM	Direct	R	G	4
0112	%WB301201	20US-5362	INVERTER WARNING	ON,,OFF,ON	Direct	G	R	4
0113	%WB301301	20XA-5356	INVERTER FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0114	%WB301401	20US-5363	SBS WARNING	ON,,OFF,ON	Direct	R	GR	4
0115	%WB301501	20XA-5357	SBS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0116	%WB301601	20US-5364	EQUALISING CHARGE	ON,,OFF,ON	Direct	G	R	4
0117	%WB301701	20US-5365	CHARGE	ON,,OFF,ON	Direct	G	R	4
0118	%WB301801	20US-5366	TRICKLE CHARGE	ON,,OFF,ON	Direct	G	R	4
0119	%WB301901	20UA-5352	GENSET OPERATION	ALARM,,NORMAL,ALARM	Direct	R	G	4
0120	%WB302001	20XA-5358	BATT TEMP SENS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0121	%WB302101	20TA-5351	BATTERY TEMP TOHIGH	ON,,OFF,ON	Direct	R	GR	4
0122	%WB302201	20XS-5351	CIRCUIT BREAKER	ON,,OFF,ON	Direct	G	R	4
0123	%WB302301	20US-5367	BATTERY WARNING	ON,,OFF,ON	Direct	R	GR	4
0124	%WB302401	20US-5368	BATTERY LOW	ON,,OFF,ON	Direct	G	R	4
0125	%WB302501	20US-5369	OVERLOAD	ON,,OFF,ON	Direct	R	G	4
0126	%WB302601	20XA-5359	FAN FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0127	%WB302701	20UA-5353	OVERLOAD	ALARM,,NORMAL,ALARM	Direct	R	G	4
0128	%WB302801	20US-5370	SHORT CIRCUIT	ON,,OFF,ON	Direct	G	R	4
0129	%WB302901	20US-5371	DC UNDER VOLTAGE	ON,,OFF,ON	Direct	G	R	4
0130	%WB303001	20US-5372	DC OVER VOLTAGE	ON,,OFF,ON	Direct	G	R	4
0131	%WB303101	20XA-5360	POWER STACK OVERTEMP	ALARM,,NORMAL,ALARM	Direct	R	G	4
0132	%WB303201	20RDY5351	SBS READY	READY,,N_READY,READY	Direct	G	R	4
0133	%WB303301	20XA-5361	SBS MAINS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0134	%WB303401	20US-5373	SBSB LOCKED	ON,,OFF,ON	Direct	G	R	4
0135	%WB303501	20US-5374	RECTIFIER ON	ON,,OFF,ON	Direct	G	R	4

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SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0136	%WB303601	20US-5375	INVERTER ON	ON,,OFF,ON	Direct	G	R	4
0137	%WB303701	20US-5376	SBS ON	ON,,OFF,ON	Direct	G	R	4
0138	%WB306701	20US-5393	LIFE CHECK BIT	ON,,OFF,ON	Direct	G	R	4
0139	%WB306801	20UA-5354	BATTERTY MCCB OPEN	ALARM,,NORMAL,ALARM	Direct	R	G	4
0140	%WB306901	20UA-5355	USERDEF_AUX2 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0141	%WB307001	20UA-5356	USERDEF_AUX3 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0142	%WB307101	20UA-5357	USERDEF_AUX4 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0143	%WB307201	20UA-5358	USERDEF_AUX5 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0144	%WB307301	20UA-5359	USERDEF_AUX6 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0145	%WB307401	20UA-5360	USERDEF_AUX7– RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0146	%WB307501	20UA-5361	BATTERTY MCCB OPEN	OPEN,,CLOSE,OPEN	Direct	R	G	4
0147	%WB307601	20UA-5362	USERDEF_AUX2 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0148	%WB307701	20UA-5363	USERDEF_AUX3 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0149	%WB307801	20UA-5364	USERDEF_AUX4 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0150	%WB307901	20UA-5365	USERDEF_AUX5 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0151	%WB308001	20UA-5366	USERDEF_AUX6 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0152	%WB308101	20UA-5367	USERDEF_AUX7 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0153	%WB308201	20UA-5368	USERDEF_AUX1 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0154	%WB308301	20UA-5369	USERDEF_AUX2 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0155	%WB308401	20UA-5370	USERDEF_AUX3 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0156	%WB308501	20UA-5371	USERDEF_AUX4 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0157	%WB308601	20UA-5372	USERDEF_AUX5 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0158	%WB308701	20UA-5373	USERDEF_AUX6 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0159	%WB308801	20UA-5374	USERDEF_AUX7 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0177	%WB310309	20US-5381	TEST NOT IMPLEMENTED	ON,,OFF,ON	Direct	G	GR	4
0178	%WB310310	20US-5382	TEST IMPL WAITNG APPROVA	ON,,OFF,ON	Direct	G	GR	4
0179	%WB310311	20US-5383	TEST APPROVED	ON,,OFF,ON	Direct	G	GR	4
0180	%WB310312	20US-5384	TEST RUNNING	ON,,OFF,ON	Direct	G	GR	4
0181	%WB310313	20US-5385	TEST SUCCESSFUL	ON,,OFF,ON	Direct	G	GR	4
0182	%WB310314	20US-5386	TEST CANCELLED	ON,,OFF,ON	Direct	G	GR	4
0183	%WB310315	20UA-5375	TEST WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0184	%WB310316	20XA-5365	TEST ERROR	ON,,OFF,ON	Direct	G	GR	4
0188	%WB041409	20US-5387	TEST NOT IMPLEMENTED	ON,,OFF,ON	Direct	G	GR	4
0189	%WB041410	20US-5388	TEST IMPL WAITNG APPROVA	ON,,OFF,ON	Direct	G	GR	4
0190	%WB041411	20US-5389	TEST APPROVED	ON,,OFF,ON	Direct	G	GR	4
0191	%WB041412	20US-5390	TEST RUNNING	ON,,OFF,ON	Direct	G	GR	4
0192	%WB041413	20US-5391	TEST SUCCESSFUL	ON,,OFF,ON	Direct	G	GR	4
0193	%WB041414	20US-5392	TEST CANCELLED	ON,,OFF,ON	Direct	G	GR	4
0194	%WB041415	20UA-5376	TEST WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0195	%WB041416	20XA-5366	TEST ERROR	ON,,OFF,ON	Direct	G	GR	4
0201	%WB020101	20UA-5401	NONCRITICAL FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0202	%WB020201	20XA-5401	CRITICAL FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0203	%WB020301	20US-5407	USERDEF_DIGIN1ACTIVE	ALARM,,NORMAL,ALARM	Direct	R	R	4
0204	%WB020401	20US-5408	USERDEF_DIGIN2ACTIVE	ALARM,,NORMAL,ALARM	Direct	R	R	4
0205	%WB020501	20US-5409	USERDEF_DIGIN3ACTIVE	ALARM,,NORMAL,ALARM	Direct	R	R	4
0206	%WB020601	20US-5410	EMERGENCYSWITCHOFF	ALARM,,NORMAL,ALARM	Direct	R	R	4
0207	%WB020701	20XA-5402	DOUCAN FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0208	%WB020801	20XA-5403	MAINS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0209	%WB020901	20US-5411	RECTIFIER WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0210	%WB021001	20XA-5404	RECTIFIER FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0211	%WB021101	20XA-5405	BATTERY ALARM	ALARM,,NORMAL,ALARM	Direct	R	G	4
0212	%WB021201	20US-5412	INVERTER WARNING	ALARM,,NORMAL,ALARM	Direct	R	R	4
0213	%WB021301	20XA-5406	INVERTER FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0214	%WB021401	20US-5413	SBS WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0215	%WB021501	20XA-5407	SBS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0216	%WB021601	20US-5414	EQUALISING CHARGE	ALARM,,NORMAL,ALARM	Direct	R	R	4

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SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0217	%WB021701	20UA-5427	CHARGE	ALARM,,NORMAL,ALARM	Direct	R	R	4
0218	%WB021801	20UA-5428	TRICKLE CHARGE	ALARM,,NORMAL,ALARM	Direct	R	R	4
0219	%WB021901	20UA-5402	GEN SET OPERATION	ALARM,,NORMAL,ALARM	Direct	R	G	4
0220	%WB022001	20XA-5408	BATTT EMP SENS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0221	%WB022101	20TA-5401	BATTERY TEMP TO HIGH	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0222	%WB022201	20XS-5401	CIRCUIT BREAKER	ALARM,,NORMAL,ALARM	Direct	R	R	4
0223	%WB022301	20US-5417	BATTERY WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0224	%WB022401	20US-5418	BATTERY LOW	ALARM,,NORMAL,ALARM	Direct	R	R	4
0225	%WB022501	20US-5419	OVERLOAD	ON,,OFF,ON	Direct	R	G	4
0226	%WB022601	20XA-5409	FAN FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0227	%WB022701	20UA-5403	OVERLOAD	ALARM,,NORMAL,ALARM	Direct	R	G	4
0228	%WB022801	20US-5420	SHORT CIRCUIT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0229	%WB022901	20US-5421	DC UNDER VOLTAGE	ALARM,,NORMAL,ALARM	Direct	R	G	4
0230	%WB023001	20US-5422	DC OVER VOLTAGE	ALARM,,NORMAL,ALARM	Direct	R	G	4
0231	%WB023101	20XA-5410	POWER STACK OVERTEMP	ALARM,,NORMAL,ALARM	Direct	R	G	4
0232	%WB023201	20RDY-5401	SBSREADY	ALARM,,NORMAL,ALARM	Direct	R	G	4
0233	%WB023301	20XA-5411	SBSMAINS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0234	%WB023401	20US-5423	SBSBLOCKED	ALARM,,NORMAL,ALARM	Direct	R	G	4
0235	%WB023501	20US-5424	RECTIFIERON	ALARM,,NORMAL,ALARM	Direct	R	G	4
0236	%WB023601	20US-5425	INVERTERON	ALARM,,NORMAL,ALARM	Direct	R	G	4
0237	%WB023701	20US-5426	SBS ON	ALARM,,NORMAL,ALARM	Direct	R	G	4
0238	%WB026701	20US-5443	LIFE CHECK BIT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0239	%WB026801	20UA-5404	BATTERTY MCCB OPEN	ALARM,,NORMAL,ALARM	Direct	R	G	4
0240	%WB026901	20UA-5405	USERDEF_AUX2 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0241	%WB027001	20UA-5406	USERDEF_AUX3 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0242	%WB027101	20UA-5407	USERDEF_AUX4 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0243	%WB027201	20UA-5408	USERDEF_AUX5 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0244	%WB027301	20UA-5409	USERDEF_AUX6 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0245	%WB027401	20UA-5410	USERDEF_AUX7– RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0246	%WB027501	20UA-5411	BATTERTY MCCB OPEN	OPEN,,CLOSE,OPEN	Direct	R	G	4
0247	%WB027601	20UA-5412	USERDEF_AUX2 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0248	%WB027701	20UA-5413	USERDEF_AUX3 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0249	%WB027801	20UA-5414	USERDEF_AUX4 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0250	%WB027901	20UA-5415	USERDEF_AUX5 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0251	%WB028001	20UA-5416	USERDEF_AUX6 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0252	%WB028101	20UA-5417	USERDEF_AUX7 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0253	%WB028201	20UA-5418	USERDEF_AUX1 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0254	%WB028301	20UA-5419	USERDEF_AUX2 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0255	%WB028401	20UA-5420	USERDEF_AUX3 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0256	%WB028501	20UA-5421	USERDEF_AUX4 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0257	%WB028601	20UA-5422	USERDEF_AUX5 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0258	%WB028701	20UA-5423	USERDEF_AUX6 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0259	%WB028801	20UA-5424	USERDEF_AUX7 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0277	%WB030109	20US-5431	TEST NOT IMPLEMENTED	ON,,OFF,ON	Direct	G	GR	4
0278	%WB030110	20US-5432	TEST IMPL WAITNG APPROVA	ON,,OFF,ON	Direct	G	GR	4
0279	%WB030111	20US-5433	TEST APPROVED	ON,,OFF,ON	Direct	G	GR	4
0280	%WB030112	20US-5434	TEST RUNNING	ON,,OFF,ON	Direct	G	GR	4
0281	%WB030113	20US-5435	TEST SUCCESSFUL	ON,,OFF,ON	Direct	G	GR	4
0282	%WB030114	20US-5436	TEST CANCELLED	ON,,OFF,ON	Direct	G	GR	4
0283	%WB030115	20UA-5425	TEST WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0284	%WB030116	20XA-5415	TEST ERROR	ON,,OFF,ON	Direct	G	GR	4
0288	%WB030209	20US-5437	TEST NOT IMPLEMENTED	ON,,OFF,ON	Direct	G	GR	4
0289	%WB030210	20US-5438	TEST IMPL WAITING FOR AP	ON,,OFF,ON	Direct	G	GR	4
0290	%WB030211	20US-5439	TEST APPROVED	ON,,OFF,ON	Direct	G	GR	4
0291	%WB030212	20US-5440	TEST RUNNING	ON,,OFF,ON	Direct	G	GR	4
0292	%WB030213	20US-5441	TEST SUCCESSFUL	ON,,OFF,ON	Direct	G	GR	4

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SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0293	%WB030214	20US-5442	TEST CANCELLED	ON,,OFF,ON	Direct	G	GR	4
0294	%WB030215	20UA-5426	TEST WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0295	%WB030216	20XA-5416	TEST ERROR	ON,,OFF,ON	Direct	G	GR	4
0301	%WB320101	20UA-5451	NONCRITICAL FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0302	%WB320201	20XA-5451	CRITICAL FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0303	%WB320301	20US-5457	USERDEF_DIGIN1ACTIVE	ALARM,,NORMAL,ALARM	Direct	R	R	4
0304	%WB320401	20US-5458	USERDEF_DIGIN2ACTIVE	ALARM,,NORMAL,ALARM	Direct	R	R	4
0305	%WB320501	20US-5459	USERDEF_DIGIN3ACTIVE	ALARM,,NORMAL,ALARM	Direct	R	R	4
0306	%WB320601	20US-5460	EMERGENCYSWITCHOFF	ALARM,,NORMAL,ALARM	Direct	R	R	4
0307	%WB320701	20XA-5452	DOUCAN FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0308	%WB320801	20XA-5453	MAINS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0309	%WB320901	20US-5461	RECTIFIER WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0310	%WB321001	20XA-5454	RECTIFIER FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0311	%WB321101	20XA-5455	BATTERY ALARM	ALARM,,NORMAL,ALARM	Direct	R	G	4
0312	%WB321201	20US-5462	INVERTER WARNING	ALARM,,NORMAL,ALARM	Direct	R	R	4
0313	%WB321301	20XA-5456	INVERTER FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0314	%WB321401	20US-5463	SBS WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0315	%WB321501	20XA-5457	SBS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0316	%WB321601	20US-5464	EQUALISING CHARGE	ALARM,,NORMAL,ALARM	Direct	R	R	4
0317	%WB321701	20UA-5477	CHARGE	ALARM,,NORMAL,ALARM	Direct	R	R	4
0318	%WB321801	20UA-5478	TRICKLE CHARGE	ALARM,,NORMAL,ALARM	Direct	R	R	4
0319	%WB321901	20UA-5452	GEN SET OPERATION	ALARM,,NORMAL,ALARM	Direct	R	G	4
0320	%WB322001	20XA-5458	BATTT EMP SENS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0321	%WB322101	20TA-5451	BATTERY TEMP TO HIGH	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0322	%WB322201	20XS-5451	CIRCUIT BREAKER	ALARM,,NORMAL,ALARM	Direct	R	R	4
0323	%WB322301	20US-5467	BATTERY WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0324	%WB322401	20US-5468	BATTERY LOW	ALARM,,NORMAL,ALARM	Direct	R	R	4
0325	%WB322501	20US-5469	OVERLOAD	ON,,OFF,ON	Direct	R	G	4
0326	%WB322601	20XA-5459	FAN FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0327	%WB322701	20UA-5453	OVERLOAD	ALARM,,NORMAL,ALARM	Direct	R	G	4
0328	%WB322801	20US-5470	SHORT CIRCUIT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0329	%WB322901	20US-5471	DC UNDER VOLTAGE	ALARM,,NORMAL,ALARM	Direct	R	G	4
0330	%WB323001	20US-5472	DC OVER VOLTAGE	ALARM,,NORMAL,ALARM	Direct	R	G	4
0331	%WB323101	20XA-5460	POWER STACK OVERTEMP	ALARM,,NORMAL,ALARM	Direct	R	G	4
0332	%WB323201	20RDY5451	SBSREADY	ALARM,,NORMAL,ALARM	Direct	R	G	4
0333	%WB323301	20XA-5461	SBSMAINS FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0334	%WB323401	20US-5473	SBSBLOCKED	ALARM,,NORMAL,ALARM	Direct	R	G	4
0335	%WB323501	20US-5474	RECTIFIERON	ALARM,,NORMAL,ALARM	Direct	R	G	4
0336	%WB323601	20US-5475	INVERTERON	ALARM,,NORMAL,ALARM	Direct	R	G	4
0337	%WB323701	20US-5476	SBS ON	ALARM,,NORMAL,ALARM	Direct	R	G	4
0338	%WB326701	20US-5493	LIFE CHECK BIT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0339	%WB326801	20UA-5454	BATTERTY MCCB OPEN	ALARM,,NORMAL,ALARM	Direct	R	G	4
0340	%WB326901	20UA-5455	USERDEF_AUX2 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0341	%WB327001	20UA-5456	USERDEF_AUX3 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0342	%WB327101	20UA-5457	USERDEF_AUX4 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0343	%WB327201	20UA-5458	USERDEF_AUX5 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0344	%WB327301	20UA-5459	USERDEF_AUX6 – RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0345	%WB327401	20UA-5460	USERDEF_AUX7– RECT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0346	%WB327501	20UA-5461	BATTERTY MCCB OPEN	OPEN,,CLOSE,OPEN	Direct	R	G	4
0347	%WB327601	20UA-5462	USERDEF_AUX2 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0348	%WB327701	20UA-5463	USERDEF_AUX3 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0349	%WB327801	20UA-5464	USERDEF_AUX4 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0350	%WB327901	20UA-5465	USERDEF_AUX5 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0351	%WB328001	20UA-5466	USERDEF_AUX6 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0352	%WB328101	20UA-5467	USERDEF_AUX7 – INV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0353	%WB328201	20UA-5468	USERDEF_AUX1 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4

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No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0354	%WB328301	20UA-5469	USERDEF_AUX2 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0355	%WB328401	20UA-5470	USERDEF_AUX3 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0356	%WB328501	20UA-5471	USERDEF_AUX4 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0357	%WB328601	20UA-5472	USERDEF_AUX5 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0358	%WB328701	20UA-5473	USERDEF_AUX6 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0359	%WB328801	20UA-5474	USERDEF_AUX7 – SBS	ALARM,,NORMAL,ALARM	Direct	R	G	4
0377	%WB330109	20US-5481	TEST NOT IMPLEMENTED	ON,,OFF,ON	Direct	G	GR	4
0378	%WB330110	20US-5482	TEST IMPL WAITNG APPROVA	ON,,OFF,ON	Direct	G	GR	4
0379	%WB330111	20US-5483	TEST APPROVED	ON,,OFF,ON	Direct	G	GR	4
0380	%WB330112	20US-5484	TEST RUNNING	ON,,OFF,ON	Direct	G	GR	4
0381	%WB330113	20US-5485	TEST SUCCESSFUL	ON,,OFF,ON	Direct	G	GR	4
0382	%WB330114	20US-5486	TEST CANCELLED	ON,,OFF,ON	Direct	G	GR	4
0383	%WB330115	20UA-5475	TEST WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0384	%WB330116	20XA-5465	TEST ERROR	ON,,OFF,ON	Direct	G	GR	4
0388	%WB330209	20US-5487	TEST NOT IMPLEMENTED	ON,,OFF,ON	Direct	G	GR	4
0389	%WB330210	20US-5488	TEST IMPL WAITING FOR AP	ON,,OFF,ON	Direct	G	GR	4
0390	%WB330211	20US-5489	TEST APPROVED	ON,,OFF,ON	Direct	G	GR	4
0391	%WB330212	20US-5490	TEST RUNNING	ON,,OFF,ON	Direct	G	GR	4
0392	%WB330213	20US-5491	TEST SUCCESSFUL	ON,,OFF,ON	Direct	G	GR	4
0393	%WB330214	20US-5492	TEST CANCELLED	ON,,OFF,ON	Direct	G	GR	4
0394	%WB330215	20UA-5476	TEST WARNING	ALARM,,NORMAL,ALARM	Direct	R	GR	4
0395	%WB330216	20XA-5466	TEST ERROR	ON,,OFF,ON	Direct	G	GR	4
0397	%WB035101	20XA-2001	HI MAINS VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0398	%WB035201	20XA-2002	LO MAINS VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0399	%WB035301	20XA-2003	CHARGER FAIL	ALARM,,NORMAL,ALARM	Direct	R	G	4
0400	%WB035401	20XA-2004	HI BATTERY VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0401	%WB035501	20XA-2005	LO BATTERY VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0402	%WB035601	20XA-2006	HI DC VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0403	%WB035701	20XA-2007	LO DC VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0406	%WB036001	20US-2003	Q1 OPEN	ON,,OFF,ON	Direct	R	G	4
0407	%WB036101	20US-2004	REMOTE OFF INHIBITION	ON,,OFF,ON	Direct	R	G	4
0408	%WB036201	20XA-2024	BATTERY PROTECTION	ON,,OFF,ON	Direct	R	G	4
0409	%WB036301	20XA-2009	GROUND FLT -	ON,,OFF,ON	Direct	R	G	4
0410	%WB036401	20XA-2008	GROUND FLT +	ON,,OFF,ON	Direct	R	G	4
0411	%WB036501	20XA-2025	DISTRIBUTION FAULT	ON,,OFF,ON	Direct	R	G	4
0412	%WB036601	20XA-2022	BATTERY SYMMETRY FLT	ON,,OFF,ON	Direct	R	G	4
0413	%WB036701	20XA-2027	VENTILATION FAULT	ON,,OFF,ON	Direct	R	G	4
0414	%WB036801	20US-2001	CHARGER CURR LMT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0415	%WB036901	20US-2002	BATTERY CURR LMT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0416	%WB037001	20XA-2010	HI CHARGER CURR	ALARM,,NORMAL,ALARM	Direct	R	G	4
0417	%WB037101	20XA-2011	HI BATTERY CURR	ALARM,,NORMAL,ALARM	Direct	R	G	4
0418	%WB037201	20XA-2012	HI TEMP	ALARM,,NORMAL,ALARM	Direct	R	G	4
0419	%WB037301	20XA-2013	TEMP SENSOR ERROR	ALARM,,NORMAL,ALARM	Direct	R	G	4
0420	%WB037401	20XA-2014	INTERNAL COMM ERR	ALARM,,NORMAL,ALARM	Direct	R	G	4
0421	%WB037501	20XA-2015	BATTERY TEST FAIL	ALARM,,NORMAL,ALARM	Direct	R	G	4
0422	%WB037601	20XA-2016	BATTERY TEST ABORTED	ALARM,,NORMAL,ALARM	Direct	R	G	4
0423	%WB037701	20XA-2017	HI BATTERY TEMP	ALARM,,NORMAL,ALARM	Direct	R	G	4
0424	%WB037801	20XA-2018	HI FLOAT CURR	ALARM,,NORMAL,ALARM	Direct	R	G	4
0425	%WB037901	20XA-2019	LONG CHARGE TIME	ALARM,,NORMAL,ALARM	Direct	R	G	4
0426	%WB038001	20XA-2020	NO POWER SUPPLY VOLT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0427	%WB038101	20XA-2021	BATTERY IN OPERATION	ALARM,,NORMAL,ALARM	Direct	R	G	4
0431	%WB335101	20XA-2031	HI MAINS VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0432	%WB335201	20XA-2032	LO MAINS VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0433	%WB335301	20XA-2033	CHARGER FAIL	ALARM,,NORMAL,ALARM	Direct	R	G	4
0434	%WB335401	20XA-2034	HI BATTERY VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0435	%WB335501	20XA-2035	LO BATTERY VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4

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No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0436	%WB335601	20XA-2036	HI DC VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0437	%WB335701	20XA-2037	LO DC VOLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0438	%WB335801		SPARE	ALARM,,NORMAL,ALARM	Direct	R	G	4
0439	%WB335901		SPARE	ALARM,,NORMAL,ALARM	Direct	R	G	4
0440	%WB336001	20US-2033	Q1 OPEN	ON,,OFF,ON	Direct	G	R	4
0441	%WB336101	20US-2034	REMOTE OFF INHIBITION	ALARM,,NORMAL,ALARM	Direct	R	G	4
0442	%WB336201	20XA-2054	BATTERY PROTECTION	ALARM,,NORMAL,ALARM	Direct	R	G	4
0443	%WB336301	20XA-2039	GROUND FLT -	ALARM,,NORMAL,ALARM	Direct	R	G	4
0444	%WB336401	20XA-2038	GROUND FLT +	ALARM,,NORMAL,ALARM	Direct	R	G	4
0445	%WB336501	20XA-2055	DISTRIBUTION FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0446	%WB336601	20XA-2052	BATTERY SYMMETRY FLT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0447	%WB336701	20XA-2057	VENTILATION FAULT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0448	%WB336801	20US-2031	CHARGER CURR LMT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0449	%WB336901	20US-2032	BATTERY CURR LMT	ALARM,,NORMAL,ALARM	Direct	R	G	4
0450	%WB337001	20XA-2040	HI CHARGER CURR	ALARM,,NORMAL,ALARM	Direct	R	G	4
0451	%WB337101	20XA-2041	HI BATTERY CURR	ALARM,,NORMAL,ALARM	Direct	R	G	4
0452	%WB337201	20XA-2042	HI TEMP	ALARM,,NORMAL,ALARM	Direct	R	G	4
0453	%WB337301	20XA-2043	TEMP SENSOR ERROR	ALARM,,NORMAL,ALARM	Direct	R	G	4
0454	%WB337401	20XA-2044	INTERNAL COMM ERR	ALARM,,NORMAL,ALARM	Direct	R	G	4
0455	%WB337501	20XA-2045	BATTERY TEST FAIL	ALARM,,NORMAL,ALARM	Direct	R	G	4
0456	%WB337601	20XA-2046	BATTERY TEST ABORTED	ON,,OFF,ON	Direct	G	R	4
0457	%WB337701	20XA-2047	HI BATTERY TEMP	ON,,OFF,ON	Direct	G	R	4
0458	%WB337801	20XA-2048	HI FLOAT CURR	ON,,OFF,ON	Direct	G	R	4
0459	%WB337901	20XA-2049	LONG CHARGE TIME	ON,,OFF,ON	Direct	G	R	4
0460	%WB338001	20XA-2050	NO POWER SUPPLY VOLT	ON,,OFF,ON	Direct	G	R	4
0461	%WB338101	20XA-2051	BATTERY IN OPERATION	ON,,OFF,ON	Direct	G	R	4
0501	%WB148909	50AT020A-H	H2 DETECT CONTAINER HI	ALARM,,NORMAL,ALARM	Direct	R	G	4
0502	%WB148910	50AT020A-HH	H2 DETECT CONTAINER HIHI	ALARM,,NORMAL,ALARM	Direct	R	G	4
0503	%WB149109	50AT020B-H	H2 DETECT CONTAINER HI	ALARM,,NORMAL,ALARM	Direct	R	G	4
0504	%WB149110	50AT020B-HH	H2 DETECT CONTAINER HIHI	ALARM,,NORMAL,ALARM	Direct	R	G	4
0505	%WB149309	50AT020C-H	H2 DETECT CONTAINER HI	ALARM,,NORMAL,ALARM	Direct	R	G	4
0506	%WB149310	50AT020C-HH	H2 DETECT CONTAINER HIHI	ALARM,,NORMAL,ALARM	Direct	R	G	4
0527	%WB149701	50AIT023-H	FLTRD SEAWTRP50003A_B HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0528	%WB149702	50AIT024-H	A50007A_B CNDTY HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0529	%WB149703	50AIT024-HH	A50007A_B CNDTY HH	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0530	%WB149704	50AIT026-H	FRSH WTR OL HARDNESS HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0531	%WB149705	50AIT026-HH	FRSH WTR OL HARDNESS HH	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0532	%WB149706	50AIT027-LL	FRSH WTR OL PH VERY LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0533	%WB149707	50AIT027-L	FRSH WTR OL PH LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0534	%WB149708	50AIT027-H	FRSH WTR OL PH HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0535	%WB149709	50AIT027-HH	FRSH WTR OL PH HH	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0536	%WB149710	50FIT020-L	SEAWTR FLW - S50001 LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0537	%WB149711	50FIT020-H	SEAWTR FLW - S50001 HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0538	%WB149712	50FIT022-L	FLTED SEAWTRP50003A LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0539	%WB149713	50FIT022-H	FLTED SEAWTRP50003A HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0540	%WB149714	50FIT023-L	FLTED SEAWTRP50003A LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0541	%WB149715	50FIT023-H	FLTED SEAWTRP50003A HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0542	%WB149716	50FIT024-L	FRSH WTR FLWA50007A_B LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0543	%WB149801	50FIT026-L	FRSH WTR OL FLW LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0544	%WB149802	50LIT020-LL	T50006 LEVEL VERY LOW	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0545	%WB149803	50LIT020-L	T50006 LEVEL LOW	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0546	%WB149804	50LIT020-H	T50006 LEVEL HIGH	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0547	%WB149805	50LIT021-LL	T50008 LEVEL VERY LOW	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0548	%WB149806	50LIT021-L	T50008 LEVEL LOW	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0549	%WB149807	50LIT021-H	T50008 LEVEL HIGH	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0550	%WB149808	50LIT022-LL	T50002 LEVEL VERY LOW	ALARM,,NORMAL,ALARM	Reverse	G	R	4

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No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0551	%WB149809	50LIT022-L	T50002 LEVEL LOW	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0552	%WB149810	50LIT023-LL	T50003 LEVEL VERY LOW	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0553	%WB149811	50LIT023-L	T50003 LEVEL LOW	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0554	%WB149812	50LIT024-LL	T50004 LEVEL VERY LOW	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0555	%WB149813	50LIT024-L	T50004 LEVEL LOW	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0556	%WB149814	50PDIT052-H	DP ACROSS S50001 HIGH	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0557	%WB149815	50PIT020-L	SEAWTR IL PRS LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0558	%WB149816	50PIT025-L	FLTED SEAWTR P50003A LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0559	%WB149901	50PIT026-L	FLTED SEAWTR- P50004A LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0560	%WB149902	50PIT027-L	FLTED SEAWTR P50003B LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0561	%WB149903	50PIT028-L	FLTED SEAWTR- P50004B LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0562	%WB149904	50PIT030-L	FLTED SEAWTR P50004A LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0563	%WB149905	50PIT030-H	FLTED SEAWTR P50004A HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0564	%WB149906	50PIT032-L	FLTED SEAWTR P50004B LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0565	%WB149907	50PIT032-H	FLTED SEAWTR P50004B HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0566	%WB149908	50PIT041-L	FRSH WTR OL PRS LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0567	%WB149909	50PIT041-H	FRSH WTR OL PRS HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0568	%WB149910	50PIT047-L	SOFTN FLT ILPRS LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0569	%WB149911	50PIT047-H	SOFTN FLT ILPRS HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0570	%WB149912	50TIT022-L	SEAWTR TMP FRM H50001 LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0571	%WB149913	50TIT022-H	SEAWTR TMP FRM H50001 HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0572	%WB149914	50TIT022-HH	SEAWTR TMP H50001 HH	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0573	%WB149915	50PDIT024-H	DP ACROSS S50002A-2B HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0574	%WB149916	50PDIT029-H	DP ACROSS S50003A-3B HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
0575	%WB150701	50XV-020_O	SEAWTR IL VLV OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0576	%WB150702	50XV-020_C	SEAWTR IL VLV CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0577	%WB150703	50XV-020_FALM	SEAWTR IL VLV FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0578	%WB150704	50XV-021_O	P50003A SUCTVLV OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0579	%WB150705	50XV-021_C	P50003A SUCTVLV CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0580	%WB150706	50XV-021_FALM	P50003A SUCTVLV FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0581	%WB150707	50XV-022_O	P50003B SUCTVLV OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0582	%WB150708	50XV-022_C	P50003B SUCTVLV CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0583	%WB150709	50XV-022_FALM	P50003B SUCTVLV FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0584	%WB150710	50XV-023_O	P50003A FLSHVLV OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0585	%WB150711	50XV-023_C	P50003A FLSHVLV CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0586	%WB150712	50XV-023_FALM	P50003A FLSHVLV FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0587	%WB150713	50XV-024_O	P50003B FLSHVLV OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0588	%WB150714	50XV-024_C	P50003B FLSHVLV CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0589	%WB150715	50XV-024_FALM	P50003B FLSHVLV FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0590	%WB150716	50XV-025_O	A50007A_B VLV OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0591	%WB150801	50XV-025_C	A50007A_B VLV CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0592	%WB150802	50XV-025_FALM	A50007A_B VLV FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0593	%WB150803	50XV-026_O	FRSH WTR DRNA50007AB OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0594	%WB150804	50XV-026_C	FRSH WTR DRNA50007AB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0595	%WB150805	50XV-026_FALM	FRSH WTR DRNA50007AB FAL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0596	%WB150806	50XV-027_O	BRN VLV A50007A OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0597	%WB150807	50XV-027_C	BRN VLV A50007A CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0598	%WB150808	50XV-027_FALM	BRN VLV A50007A FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0599	%WB150809	50XV-028_O	FRSH WTR VLVA50007B OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0600	%WB150810	50XV-028_C	FRSH WTR VLVA50007B CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0601	%WB150811	50XV-028_FALM	FRSH WTR VLVA50007B FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0602	%WB150812	50XV-029_O	FRSH WTR DRNA50007B OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0603	%WB150813	50XV-029_C	FRSH WTR DRNA50007B CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0604	%WB150814	50XV-029_FALM	FRSH WTR DRNA50007B FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0605	%WB150815	50XV-030_O	BRN VLV A50007B OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0606	%WB150816	50XV-030_C	BRN VLV A50007B CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4

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No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0607	%WB150901	50XV-030_FALM	BRN VLV A50007B FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0608	%WB150902	50XV-031_O	FRSH WTR OL VLV OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0609	%WB150903	50XV-031_C	FRSH WTR OL VLV CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0610	%WB150904	50XV-031_FALM	FRSH WTR OL VLV FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0611	%WB150905	50XV-032_O	FRSH WTR VLVOFFSPEC OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0612	%WB150906	50XV-032_C	FRSH WTR VLVOFFSPEC CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0613	%WB150907	50XV-032_FALM	FRSH WTR VLVOFFSPEC FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0614	%WB150908	50XV-033_O	SEA WTR DRN H-50001 OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0615	%WB150909	50XV-033_C	SEA WTR DRN H-50001 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0616	%WB150910	50XV-033_FALM	SEA WTR DRN H-50001 FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0617	%WB150911	50XV-034_O	SEA WTR DRN T-50006 OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0618	%WB150912	50XV-034_C	SEA WTR DRN T-50006 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0619	%WB150913	50XV-034_FALM	SEA WTR DRN T-50006 FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0620	%WB150914	50XV-035_O	SEA WTR DRN T-50008 OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0621	%WB150915	50XV-035_C	SEA WTR DRN T-50008 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0622	%WB150916	50XV-035_FALM	SEA WTR DRN T-50008 FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0623	%WB151701	50P50002A_R	BCK WSH PMP RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0624	%WB151702	50P50002A_FALM	BCK WSH PMP FAILURE	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0625	%WB151703	50P50002B_R	BCK WSH PMP RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0626	%WB151704	50P50002B_FALM	BCK WSH PMP FAILURE	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0627	%WB151705	50P50003A_R	SW BSTR PMP RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0628	%WB151706	50P50003A_FALM	SW BSTR PMP FAILURE	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0629	%WB151707	50P50003B_R	SW BSTR PMP RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0630	%WB151708	50P50003B_FALM	SW BSTR PMP FAILURE	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0631	%WB151709	50P50004A_R	HP PMP RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0632	%WB151710	50P50004A_FALM	HP PMP FAILURE	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0633	%WB151711	50P50004B_R	HP PMP RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0634	%WB151712	50P50004B_FALM	HP PMP FAILURE	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0635	%WB151713	50P50005A_R	CAUSTIC SODADOSING PMP	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0636	%WB151714	50P50005A_FALM	CAUSTIC SODADSING PMP FL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0637	%WB151715	50P50005B_R	CAUSTIC SODADOSING PMP	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0638	%WB151716	50P50005B_FALM	CAUSTIC SODADSING PMP FL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0639	%WB151801	50P50006A_R	ANTISCALANT DOSING PMP	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0640	%WB151802	50P50006A_FALM	ANTISCALANT DSING PMP FL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0641	%WB151803	50P50006B_R	ANTISCALANT DOSING PMP	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0642	%WB151804	50P50006B_FALM	ANTISCALANT DSING PMP FL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0643	%WB151805	50P50007A_R	BIOCIDE DSNGPMPCONTNR IL	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0644	%WB151806	50P50007A_FALM	BIOCID DSNG CNTR IL FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0645	%WB151807	50P50007B_R	BIOCIDE DSNGPMPCONTNR IL	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0646	%WB151808	50P50007B_FALM	BIOCID DSNG CNTR IL FAIL	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0647	%WB151809	50P50008A_R	BIOCID DSNG PMP SWTR IN	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0648	%WB151810	50P50008A_FALM	BIOCIDE DSNG SWTR IN F	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0649	%WB151811	50P50008B_R	BIOCID DSNG PMP SWTR IN	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0650	%WB151812	50P50008B_FALM	BIOCIDE DSNG SWTR IN F	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0651	%WB151813	50P50009A_R	FRSH WTR PMP RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0652	%WB151814	50P50009A_FALM	FRSH WTR PMP FAILURE	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0653	%WB151815	50P50009B_R	FRSH WTR PMP RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0654	%WB151816	50P50009B_FALM	FRSH WTR PMP FAILURE	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0655	%WB151901	50P50010A_R	BIOCIDE DSNGPMP WST TK	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0656	%WB151902	50P50010A_FALM	BIOCIDE DSNGPMP WST TK F	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0657	%WB151903	50P50010B_R	BIOCIDE DSNGPMP WST TK	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0658	%WB151904	50P50010B_FALM	BIOCIDE DSNGPMP WST TK F	NORMAL,,TRIP,NORMAL	Direct	G	R	4
0659	%WB151905			ON,,OFF,ON	Direct	G	R	4
0660	%WB151906			ON,,OFF,ON	Direct	G	R	4
0661	%WB151907			ON,,OFF,ON	Direct	G	R	4
0662	%WB151908			ON,,OFF,ON	Direct	G	R	4

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No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0663	%WB151909			ON,,OFF,ON	Direct	G	R	4
0664	%WB151910			ON,,OFF,ON	Direct	G	R	4
0665	%WB151911			ON,,OFF,ON	Direct	G	R	4
0666	%WB151912			ON,,OFF,ON	Direct	G	R	4
0667	%WB151913			ON,,OFF,ON	Direct	G	R	4
0668	%WB151914			ON,,OFF,ON	Direct	G	R	4
0669	%WB151915			ON,,OFF,ON	Direct	G	R	4
0670	%WB151916			ON,,OFF,ON	Direct	G	R	4
0671	%WB152701	50H50003A_A	CONT ELEC HTSTRT_STP CMD	ACTVD,,N_ACTVD,ACTVD	Direct	G	R	4
0672	%WB152702	50H50003B_A	CONT ELEC HTSTRT_STP CMD	ACTVD,,N_ACTVD,ACTVD	Direct	G	R	4
0673	%WB152703	50HFA50001A_A	CONT AIR FANSTRT_STP CMD	ACTVD,,N_ACTVD,ACTVD	Direct	G	R	4
0674	%WB152704	50HFA50001B_A	CONT AIR FANSTRT_STP CMD	ACTVD,,N_ACTVD,ACTVD	Direct	G	R	4
0675	%WB152705	50A50003_A	SEAWTR CRSE FLT REGN CMD	ACTVD,,N_ACTVD,ACTVD	Direct	G	R	4
0676	%WB152706	50S50001_A	SAND FLT REGEN CMD	ACTVD,,N_ACTVD,ACTVD	Direct	G	R	4
0677	%WB152707	50S50004_A	SOFTN FLT REGEN CMD	ACTVD,,N_ACTVD,ACTVD	Direct	G	R	4
0678	%WB152708	50S50010_A	UV STERILIZESTRT_STP CMD	ACTVD,,N_ACTVD,ACTVD	Direct	G	R	4
0679	%WB152709	50HFA-50001CA	CONT AIR FN ST/SP CMD	START,,STOP,START	Direct	G	R	4
0680	%WB152710	50HS-001S	SW PMP START REQ BY WTP	START,,,START	Direct	G	GR	4
0681	%WB152711	50XS-005S	SW PMP STOP REQ BY WTP	STOP,,,STOP	Direct	R	GR	4
0682	%WB152712	50HS021	WTP LOCAL / REMOTE	REMOTE ,,LOCAL,REMOTE	Direct	G	R	4
0683	%WB152713			ON,,OFF,ON	Direct	G	R	4
0684	%WB152714			ON,,OFF,ON	Direct	G	R	4
0685	%WB152715			ON,,OFF,ON	Direct	G	R	4
0686	%WB152716			ON,,OFF,ON	Direct	G	R	4
0688	%WB363116	50WTP-STR	WTP START REQ	ON,,OFF,ON	Direct	G	R	4
0701	%WB163101	77HFDZSH-001	HFD-77001 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0702	%WB163102	77HFDZSL-001	HFD-77001 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0703	%WB163103	77HFDZSH-002	HFD-77002 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0704	%WB163104	77HFDZSL-002	HFD-77002 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0705	%WB163105	77HFDZSH-003	HFD-77003 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0706	%WB163106	77HFDZSL-003	HFD-77003 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0707	%WB163107	77HFZZSH-101	HDZ-77-101 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0708	%WB163108	77HDZZSL-101	HDZ-77-101 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0709	%WB163109	77HFZZSH-102	HDZ-77-102 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0710	%WB163110	77HDZZSL-102	HDZ-77-102 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0711	%WB163111	77HFMPXS-101	HFM-77-101 PTC PROT	ON,,OFF,ON	Direct	G	R	4
0712	%WB163112	77HFM-TSH-101	TSH/HH-77-101 HTR PROT	ALARM,,NORMAL,ALARM	Direct	G	R	4
0713	%WB163113	77HFMXS-101	HFM-77-101 TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0714	%WB163114	77HFMXA-101	HFM-77-101 VSD MALFCTN	FAULT,,NORMAL,FAULT	Direct	G	R	4
0715	%WB163115	77HSSXS-101	HSS-77-101 TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0716	%WB163116	77HSSXA-101	HSS-77-101 MODULATN FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0717	%WB163201	77HHUAXS-001	HHU-77001 AUX TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0718	%WB163202	77HHUXS-001	HHU-77001 MN BRK TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0719	%WB163203	77HHUXA-001	HHU-77001 NO FLOW	ALARM,,NORMAL,ALARM	Direct	G	R	4
0720	%WB163204	77HFMPXS-102	HFM-77-102 PTC PROT	ALARM,,NORMAL,ALARM	Direct	G	R	4
0721	%WB163205	77-TSH-102	TSH/HH-77-102	ALARM,,NORMAL,ALARM	Direct	G	R	4
0722	%WB163206	77HFMXS-102	HFM-77-102 TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0723	%WB163207	77HFMXA-102	HFM-77-102 VSD MALFCTN	FAULT,,NORMAL,FAULT	Direct	G	R	4
0724	%WB163208	77HSSXS-102	HSS-77-102 TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0725	%WB163209	77HSSXA-102	HSS-77-102 MODULATN FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0726	%WB163210	77HHUAXS-002	HHU-77002 AUX TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0727	%WB163211	77HHUXS-002	HHU-77002 MN BRK TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0728	%WB163212	77HSBXS-001	B100-HSB-001 MN BRK TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0729	%WB163213	77HSBXS-011	B100HSB001 MOD LITE TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0730	%WB163214	77HSBXS-111	B100HSB001 MOD SOKT TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0731	%WB163215	77HSBAXS-001	B100-HSB-001 AUX TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4

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No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0732	%WB163216	77HSSXS-123	HSS77001/2/3 SPCHTR TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0733	%WB163301	77HSSXA-123	HSS-77-001/2/3 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0734	%WB163302	77TTXA-101	77-TT-101 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0735	%WB163303	77TTXA-102	77-TT-102 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0736	%WB163304	77TTXA-103	77-TT-103 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0737	%WB163305	77TTXA-104	77-TT-104 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0738	%WB163306	77PTXA-101	77-PT-101 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0739	%WB163307	77HSBXA-001	HVAC MAJOR FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0740	%WB163308	77HSB-LP-001	MODULE LOW PRESS	ALARM,,NORMAL,ALARM	Direct	G	R	4
0741	%WB163309	77HSBXA-011	MODBUS FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0742	%WB163310	77HHUXA-002	HHU-77002 NO FLOW	ON,,OFF,ON	Direct	G	R	4
0743	%WB163311			ALARM,,NORMAL,ALARM	Direct	G	R	4
0744	%WB163312	77HHU-77001	77HHU-77001 DIRTY FILTER	ALARM,,NORMAL,ALARM	Direct	G	R	4
0745	%WB163313	77HHU-77002	77HHU-77002 DIRTY FILTER	ALARM,,NORMAL,ALARM	Direct	G	R	4
0746	%WB163314	HHC-77001TRP	TRACE HEATER	ON,,OFF,ON	Direct	G	R	4
0747	%WB163315	77HSBXA-111	MODBUS SERVER ERROR	ALARM,,NORMAL,ALARM	Direct	G	R	4
0749	%WB164909	77B1WD-001	MODBUS WATCHDOG	ON,,OFF,ON	Direct	G	R	4
0750	%WB164209	77B1HSBHS-001	SYS START FROM PCS	ON,,OFF,ON	Direct	G	R	4
0751	%WB164309	77B1HSBHSS-001	SYS STOP FROM PCS	ON,,OFF,ON	Direct	G	R	4
0752	%WB165101	77B1HSBHRS-001	SYS RESET FROM PCS	ON,,OFF,ON	Direct	G	R	4
0753	%WB167101	77HFDZSH-004	HFD-77004 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0754	%WB167102	77HFDZSL-004	HFD-77004 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0755	%WB167103	77HFDZSH-005	HFD-77005 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0756	%WB167104	77HFDZSL-005	HFD-77005 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0757	%WB167105	77HFDZSH-006	HFD-77006 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0758	%WB167106	77HFDZSL-006	HFD-77006 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0759	%WB167107	77HFZZSH-201	HDZ-77-201 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0760	%WB167108	77HDZZSL-201	HDZ-77-201 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0761	%WB167109	77HFZZSH-202	HDZ-77-202 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0762	%WB167110	77HDZZSL-202	HDZ-77-202 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0763	%WB167111	77HFMPXS-201	HFM-77-201 PTC PROT	ON,,OFF,ON	Direct	G	R	4
0764	%WB167112	77HFM-TSH-201	TSH/HH-77-201 HTR PROT	TRIP,,NORMAL,TRIP	Direct	G	R	4
0765	%WB167113	77HFMXS-201	HFM-77-201 TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0766	%WB167114	77HFMXA-201	HFM-77-201 VSD MALFCTN	FAULT,,NORMAL,FAULT	Direct	G	R	4
0767	%WB167115	77HSSXS-201	HSS-77-201 TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0768	%WB167116	77HSSXA-201	HSS-77-201 MODULATN FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0769	%WB167201	77HHUAXS-003	HHU-77001 AUX TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0770	%WB167202	77HHUXS-003	HHU-77001 MN BRK TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0771	%WB167203	77HHUXA-201	HHU-77003 NO FLOW	ALARM,,NORMAL,ALARM	Direct	G	R	4
0772	%WB167204	77HFMPXS-202	HFM-77-102 PTC PROT	ALARM,,NORMAL,ALARM	Direct	G	R	4
0773	%WB167205	77-TSH-202	TSH/HH-77-102	ALARM,,NORMAL,ALARM	Direct	G	R	4
0774	%WB167206	77HFMXS-202	HFM-77-102 TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0775	%WB167207	77HFMXA-202	HFM-77-102 VSD MALFCTN	FAULT,,NORMAL,FAULT	Direct	G	R	4
0776	%WB167208	77HSSXS-202	HSS-77-102 TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0777	%WB167209	77HSSXA-202	HSS-77-102 MODULATN FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0778	%WB167210	77HHUAXS-004	HHU-77002 AUX TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0779	%WB167211	77HHUXS-004	HHU-77002 MN BRK TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0780	%WB167212	77HSBXS-002	B200-HSB-001 MN BRK TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0781	%WB167213	77HSBXS-022	B200HSB001 MOD LITE TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0782	%WB167214	77HSBXS-222	B200HSB001 MOD SOKT TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0783	%WB167215	77B2HSBAXS-001	B200-HSB-001 AUX TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0784	%WB167216	77B2HSSXS-456	HSS77004/5/6 SPCHTR TRIP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0785	%WB167301	77HSSXA-456	HSS-77-004/5/6 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0786	%WB167302	77TTXA-201	77-TT-101 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0787	%WB167303	77TTXA-202	77-TT-102 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0788	%WB167304	77TTXA-203	77-TT-103 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4

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No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0789	%WB167305	77TTXA-204	77-TT-104 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0790	%WB167306	77PTXA-201	77-PT-101 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0791	%WB167307	77B2HSBXA-001	MAJOR FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0792	%WB167308	77HSB-LP-002	MODULE LOW PRESS	ALARM,,NORMAL,ALARM	Direct	G	R	4
0793	%WB167309	77HSBXA-022	MODBUS FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0794	%WB167310	77HHUXA-204	77HHUXA-004 NO FLOW	ALARM,,NORMAL,ALARM	Direct	G	R	4
0795	%WB167311	77HHU-77003	77HHU-77003 DIRTY FILTER	ALARM,,NORMAL,ALARM	Direct	G	R	4
0796	%WB167312	77HHU-77004	77HHU-77004 DIRTY FILTER	ALARM,,NORMAL,ALARM	Direct	G	R	4
0797	%WB167313	HHC-77002TRP	TRACE HEATER	ON,,OFF,ON	Direct	G	R	4
0798	%WB167314			ON,,OFF,ON	Direct	G	R	4
0799	%WB167315	77HSBXA-222	MODBUS SERVER ERROR	ALARM,,NORMAL,ALARM	Direct	G	R	4
0800	%WB167316			ON,,OFF,ON	Direct	G	R	4
0801	%WB168909	77B2WD-001	MODBUS WATCHDOG	ON,,OFF,ON	Direct	G	R	4
0802	%WB168209	77B2HSBHS-001	B200-SYS START FROM PCS	START,,STOP,START	Direct	G	R	4
0803	%WB168309	77B2HSBHSS-001	B200-SYS STOP FROM PCS	START,,STOP,START	Direct	G	R	4
0804	%WB169101	77B2HSBHRS-001	B200-SYS RSTR FROM PCS	RESET,,-,RESET	Direct	G	R	4
0808	%WB156102	77B3HSBXS-001	B300-HSB-001 MN BKR TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0809	%WB156103	77B3PEB-001	B300-HSB-001 PL EM BTN	ALARM,,NORMAL,ALARM	Direct	G	R	4
0810	%WB156104	77HSBXS-033	B300-HSB-001 MOD LTE TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0811	%WB156105	77HSBXS-333	B300-HSB-001 MOD SKT TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0812	%WB156106	77HSSXS-789	HSS-77-007/8/9 HTR TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0813	%WB156107	77B3HSBAXS-001	B300-HSB-001 AUX SEC TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0814	%WB156108	77B3UXA-789	HSS-77-007/8/9 HTR FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0815	%WB156109	77PFFC-005	HHU-77005 FLTR CLOGGED	TRIP,,NORMAL,TRIP	Direct	G	R	4
0816	%WB156110	77MDF-005	HHU-77005 MOT DMP FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0817	%WB156111	77PTCP-301	HFM-77-301 PTC PRTN	TRIP,,NORMAL,TRIP	Direct	G	R	4
0818	%WB156112	77VSDF-301	HFM-77-301 VSD FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0819	%WB156113	77PFTRP-301	HFM-77-301 PRS FN TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0820	%WB156114	77BBA-302	HFM-77-302 BRK BELT ALM	ALARM,,NORMAL,ALARM	Direct	G	R	4
0821	%WB156115	77SFTRP-302	HFM-77-302 FN TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0822	%WB156116	77CTRP-301	HCO-77-301 CMP TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0823	%WB156201	77HPA-301	HCO-77-301 HP ALM	ALARM,,NORMAL,ALARM	Direct	G	R	4
0824	%WB156202	77LPA-301	HCO-77-301 LP ALM	ALARM,,NORMAL,ALARM	Direct	G	R	4
0825	%WB156203	77CFTRP-305306	HFM77-305/306 CND FN TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0826	%WB156204	77VSDF-305306	HFM77-305/306 FN VSD FLT	TRIP,,NORMAL,TRIP	Direct	G	R	4
0827	%WB156205	77TSPH-301	HSS-77-301 THR PTR	TRIP,,NORMAL,TRIP	Direct	G	R	4
0828	%WB156206	77EHTRP-301	HSS-77-301 HTR TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0829	%WB156207	77EHMF-301	HSS-77-301 HTR MDLTN FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0830	%WB156208		SPARE	ON,,OFF,ON	Direct	G	R	4
0831	%WB156209	77MBTRP-005	HHU-77005 MN BKR TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0832	%WB156210	77FC-005	HHU-77005 FLTR CLOGGED	TRIP,,NORMAL,TRIP	Direct	G	R	4
0833	%WB156211	77MDF-006	HHU-77006 MOT DMP FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0834	%WB156212	77PTCP-303	HFM-77-303 PTC PRTN	TRIP,,NORMAL,TRIP	Direct	G	R	4
0835	%WB156213	77VSDF-303	HFM-77-303 VSD FLT	FAULT,,NORMAL,FAULT	Direct	Y	R	4
0836	%WB156214	77PFTRP-303	HFM-77-303 PRS FN TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0837	%WB156215	77BBA-304	HFM-77-304 BRK BELT ALM	ALARM,,NORMAL,ALARM	Direct	G	R	4
0838	%WB156216	77SFTRP-304	HFM-77-304 FN TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0839	%WB156301	77CTRP-302	HCO-77-302 CMP TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0840	%WB156302	77HPA-302	HCO-77-302 HP ALM	ALARM,,NORMAL,ALARM	Direct	G	R	4
0841	%WB156303	77LPA-302	HCO-77-302 LP ALM	ALARM,,NORMAL,ALARM	Direct	G	R	4
0842	%WB156304	77CFTRP-307308	HFM77-307/308 CND FN TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0843	%WB156305	77VSDF-307308	HFM77-307/308 FN VSD FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0844	%WB156306	77FC-006	HHU-77006 FLTR CLOGGED	TRIP,,NORMAL,TRIP	Direct	G	R	4
0845	%WB156307	77TSPH-305	HSS-77-305 THR PTR	TRIP,,NORMAL,TRIP	Direct	G	R	4
0846	%WB156308	77EHTRP-305	HSS-77-305 HTR TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0847	%WB156309	77EHMF-305	HSS77-305 HTR MODLTN FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	WBTagDef.edf	SHEET:		YOKOGAWA	
STATION:	FCS0101	SAVED DATE:	7/12/2025 1:13:39 AM	COMMENT:			
SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0848	%WB156310		SPARE	ON,,OFF,ON	Direct	G	R	4
0849	%WB156311	77MBTRP-006	HHU-77006 MN BRK TRP	TRIP,,NORMAL,TRIP	Direct	G	R	4
0850	%WB156312	77HFDZSL-007	HFD-77007 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0851	%WB156313	77HFDZSH-007	HFD-77007 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0852	%WB156314	77HFDZSL-008	HFD-77008 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0853	%WB156315	77HFDZSH-008	HFD-77008 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0854	%WB156316	77HFDZSL-009	HFD-77009 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0855	%WB156401	77HFDZSH-009	HFD-77009 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0856	%WB156402	77HSBXA-333	B300 - MOD SERVER ERROR	FAULT,,NORMAL,FAULT	Direct	G	R	4
0857	%WB156403	77HSBXA-033	B300-MODBUS FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0858	%WB156404	77PFFC-006	HHU-77006 FN FTR CLOGGED	TRIP,,NORMAL,TRIP	Direct	G	R	4
0859	%WB156405	77HFDZSL-010	HFD-77010 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0860	%WB156406	77HFDZSH-010	HFD-77010 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0861	%WB156407	77HFDZSL-011	HFD-77011 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
0862	%WB156408	77HFDZSH-011	HFD-77011 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	G	R	4
0863	%WB156409	77TTXA-301	77-TT-301 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0864	%WB156410	77TTXA-302	77-TT-302 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0865	%WB156411	77TTXA-303	77-TT-303 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0866	%WB156412	77TTXA-304	77-TT-304 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0867	%WB156413	77PTXA-301	77-PT-301 FLT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0868	%WB156414	B300-HSB-001MLP	LOW PRESSURE MODULE	FAULT,,NORMAL,FAULT	Direct	G	R	4
0869	%WB156415	HHC-77003TRP	HEATING CABLE TRIP	FAULT,,NORMAL,FAULT	Direct	G	R	4
0870	%WB156416		SPARE	ON,,OFF,ON	Direct	G	R	4
0871	%WB156509	B300SMF-001	MODBUS MAJOR FAULT	FAULT,,NORMAL,FAULT	Direct	G	R	4
0872	%WB157109	77B3HSBHS-001	B300-SYS START FROM PCS	START,,STOP,START	Direct	G	R	4
0873	%WB157209	77B3HSBHSS-001	B300-SYS STOP FROM PCS	START,,STOP,START	Reverse	G	R	4
0874	%WB157709	77B3HSBHRS-001	B300-SYS RSTR FROM PCS	RESET,,-,RESET	Direct	G	R	4
0875	%WB157909	77B3WD-001	B300-MODBUS WATCHDOG	ON,,OFF,ON	Direct	G	R	4
0878	%WB158701		SPARE	ON,,OFF,ON	Direct	G	G	4
0879	%WB158702	77B4HSBXS-001	B400-HSB-001 MN BKR TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0880	%WB158703	77B4PEB-001	B400-HSB-001 PL EM BTN	TRIP,,NORMAL,TRIP	Direct	R	G	4
0881	%WB158704	77HSBXS-044	B400-HSB-001 MOD LTE TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0882	%WB158705	77HSBXS-444	B400-HSB-001 MOD SKT TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0883	%WB158706	77HSSXS-101112	HSS77-0010/11/12 HTR TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0884	%WB158707	77B4HSBAXS-001	B400-HSB-001 AUX SEC TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0885	%WB158708	77B3UXA-101112	HSS77-0010/11/12 HTR FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0886	%WB158709	77PFFC-007	HHU-77007 PR FAN LOW PR	ALARM,,NORMAL,ALARM	Direct	R	G	4
0887	%WB158710	77MDF-007	HHU-77007 MOT DMP FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0888	%WB158711	77PTCP-401	HFM-77-401 PTC PRTN	TRIP,,NORMAL,TRIP	Direct	R	G	4
0889	%WB158712	77VSDF-401	HFM-77-401 VSD FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0890	%WB158713	77PFTRP-401	HFM-77-401 PRS FN TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0891	%WB158714	77BBA-402	HFM-77-402 BRK BELT ALM	ALARM,,NORMAL,ALARM	Direct	R	G	4
0892	%WB158715	77SFTRP-402	HFM-77-402 FN TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0893	%WB158716	77CTRP-401	HCO-77-401 CMP TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0894	%WB158801	77HPA-401	HCO-77-401 HP ALM	ALARM,,NORMAL,ALARM	Direct	R	G	4
0895	%WB158802	77LPA-401	HCO-77-401 LP ALM	ALARM,,NORMAL,ALARM	Direct	R	G	4
0896	%WB158803	77CFTRP-405406	HFM77-405/406 CND FN TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0897	%WB158804	77VSDF-405406	HFM77-405/406 FN VSD FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0898	%WB158805	77TSPH-401	HSS-77-401 THR PTR	TRIP,,NORMAL,TRIP	Direct	R	G	4
0899	%WB158806	77EHTRP-401	HSS-77-401 HTR TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0900	%WB158807	77EHMF-401	HSS77-401 HTR MODLTN FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0901	%WB158808		SPARE	ON,,OFF,ON	Direct	R	G	4
0902	%WB158809	77MBTRP-007	HHU-77007 MN BKR TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0903	%WB158810	77FC-007	HHU-77007 FLTR CLOGGED	ALARM,,NORMAL,ALARM	Direct	R	G	4
0904	%WB158811	77MDF-008	HHU-77008 MOT DMP FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0905	%WB158812	77PTCP-403	HFM-77-403 PTC PRTN	TRIP,,NORMAL,TRIP	Direct	R	G	4

PROJECT:	BLPH-CW1	FILE NAME:	WBTagDef.edf	SHEET:		YOKOGAWA	
STATION:	FCS0101	SAVED DATE:	7/12/2025 1:13:39 AM	COMMENT:			
SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0906	%WB158813	77VSDF-403	HFM-77-403 VSD FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0907	%WB158814	77PFTRP-403	HFM-77-403 PRS FN TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0908	%WB158815	77BBA-404	HFM-77-404 BRK BELT ALM	ALARM,,NORMAL,ALARM	Direct	R	G	4
0909	%WB158816	77SFTRP-404	HFM-77-404 FN TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0910	%WB158901	77CTRP-402	HCO-77-402 CMP TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0911	%WB158902	77HPA-402	HCO-77-402 HP ALM	ALARM,,NORMAL,ALARM	Direct	R	G	4
0912	%WB158903	77LPA-402	HCO-77-402 LP ALM	ALARM,,NORMAL,ALARM	Direct	R	G	4
0913	%WB158904	77B4CFTRP-405406	HFM77-405/406 CND FN TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0914	%WB158905	77B4VSDF-405406	HFM77-405/406 FN VSD FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0915	%WB158906	77FC-008	HHU-77008 FLTR CLOGGED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0916	%WB158907	77TSPH-405	HSS-77-405 THR PTR	TRIP,,NORMAL,TRIP	Direct	R	G	4
0917	%WB158908	77EHTRP-405	HSS-77-405 HTR TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0918	%WB158909	77EHMF-405	HSS77-405 HTR MODLTN FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0919	%WB158910		SPARE	ON,,OFF,ON	Direct	R	G	4
0920	%WB158911	77MBTRP-008	HHU-77008 MN BRK TRP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0921	%WB158912	77HFDZSL-012	HFD-77012 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	G	4
0922	%WB158913	77HFDZSH-012	HFD-77012 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	R	G	4
0923	%WB158914	77HFDZSL-013	HFD-77013 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	G	4
0924	%WB158915	77HFDZSH-013	HFD-77013 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	R	G	4
0925	%WB158916	77HFDZSL-014	HFD-77014 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	G	4
0926	%WB159001	77HFDZSH-014	HFD-77014 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	R	G	4
0927	%WB159002	77HSBXA-444	B400-MOD SERVER ERROR	FAULT,,NORMAL,FAULT	Direct	R	G	4
0928	%WB159003	77HSBXA-044	B400 - MOD FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0929	%WB159004	77PFFC-008	HHU-77008 PR FAN LO PR	ALARM,,NORMAL,ALARM	Direct	R	G	4
0930	%WB159005	77HFDZSL-015	HFD-77015 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	G	4
0931	%WB159006	77HFDZSH-015	HFD-77015 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	R	G	4
0932	%WB159007	77HFDZSL-016	HFD-77016 NOT CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	G	4
0933	%WB159008	77HFDZSH-016	HFD-77016 NOT OPN	OPENED,,N_OPENED,OPENED	Direct	R	G	4
0934	%WB159009	77TTXA-401	77-TT-401 FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0935	%WB159010	77TTXA-402	77-TT-402 FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0936	%WB159011	77TTXA-403	77-TT-403 FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0937	%WB159012	77TTXA-404	77-TT-404 FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0938	%WB159013	77PTXA-401	77-PT-401 FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0939	%WB159014		SPARE	ON,,OFF,ON	Direct	G	R	4
0940	%WB159015		SPARE	ON,,OFF,ON	Direct	G	R	4
0941	%WB159016		SPARE	ON,,OFF,ON	Direct	G	R	4
0942	%WB159109	B400SMF-001	HVAC SYSTEM MAJOR FLT	FAULT,,NORMAL,FAULT	Direct	R	G	4
0943	%WB159709	77B4HSBHS-001	B400-SYS START FROM PCS	START,,,START	Direct	R	G	4
0944	%WB159809	77B4HSBHSS-001	B400-SYS STOP FROM PCS	STOP,,,STOP	Direct	R	G	4
0945	%WB160309	77B4HSBHRS-001	B400-SYS RSTR FROM PCS	RESET,,-,RESET	Direct	R	G	4
0946	%WB160509	77B4WD-001	B400-MODBUS WATCHDOG	ON,,OFF,ON	Direct	R	G	4
1001	%WB150001	50PDIT049-H	DP ACROSS S500010 HI	ALARM,,NORMAL,ALARM	Reverse	G	R	4
1002	%WB150002	50HS-021	MANUAL ALARM CALL POINT	ALARM,,NORMAL,ALARM	Reverse	G	R	4
1003	%WB150003	50AT-021A	950SDZ-05201	ALARM,,NORMAL,ALARM	Reverse	G	R	4
1004	%WB150004	50AT-021B	950SDZ-05202	ALARM,,NORMAL,ALARM	Reverse	G	R	4
1005	%WB150005	50AT-021C	950SDZ-05203	ALARM,,NORMAL,ALARM	Reverse	G	R	4
1006	%WB150006	50XS-099	SIA SYSTEM COMM FLT	ALARM,,NORMAL,ALARM	Reverse	G	R	4
1017	%WB153101	50HS-011S	WTP REM ST/SP REQUEST	START,,STOP,START	Direct	G	R	4
1018	%WB153104	50XL-001	MAIN SW PUMP RUN	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
1019	%WB153105	50HS-011R	WTP PACKAGE RESET	RESET,,-,RESET	Direct	R	G	4
1030	%WB102803		CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1031	%WB102804		AVAIL	READY,,N_READY,READY	Direct	R	R	4
1032	%WB102805		AVAIL	READY,,N_READY,READY	Direct	G	R	4
1033	%WB103001		AVAIL	READY,,N_READY,READY	Direct	G	R	4
1034	%WB103002		AVAIL	READY,,N_READY,READY	Direct	G	R	4
1035	%WB103003		SA1 LOCAL	ON,,OFF,ON	Direct	G	GR	4

PROJECT:	BLPH-CW1	FILE NAME:	WBTagDef.edf	SHEET:		YOKOGAWA	
STATION:	FCS0101	SAVED DATE:	7/12/2025 1:13:39 AM	COMMENT:			
SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
1036	%WB103004		AVAIL	READY,,N_READY,READY	Direct	G	R	4
1037	%WB103005		AVAIL	READY,,N_READY,READY	Direct	G	R	4
1038	%WB104501		AC UPS F&G BYP CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1039	%WB104502		AC UPS F&G BYP CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1040	%WB104503		AC UPS F&G BYP CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1041	%WB104504		AC UPS F&G BYP CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1042	%WB104505		AC UPS F&G BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
1043	%WB104701		AC UPS F&G BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
1044	%WB104702		AC UPS F&G BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
1045	%WB104901		AC UPS PAS LN A CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1046	%WB104902		AC UPS PAS LN A CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1047	%WB104903		AC UPS PAS LN A CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1048	%WB104904		AC UPS PAS LN A CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1049	%WB104905		AC UPS PAS LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
1050	%WB105101		AC UPS PAS LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
1051	%WB105102		AC UPS PAS LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
1052	%WB105301		AC UPS PAS LN B CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1053	%WB105302		AC UPS PAS LN B CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1054	%WB105303		AC UPS PAS LN B CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1055	%WB105304		AC UPS PAS LN B CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1056	%WB105305		AC UPS PAS LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
1057	%WB105501		AC UPS PAS LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
1058	%WB105502		AC UPS PAS LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
1059	%WB105701		AC UPS F&G LN A CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1060	%WB105702		AC UPS F&G LN A CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1061	%WB105703		AC UPS F&G LN A CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1062	%WB105704		AC UPS F&G LN A CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1063	%WB105705		AC UPS F&G LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
1064	%WB105901		AC UPS F&G LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
1065	%WB105902		AC UPS F&G LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
1066	%WB106101		AC UPS F&G LN B CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1067	%WB106102		AC UPS F&G LN B CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1068	%WB106103		AC UPS F&G LN B CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1069	%WB106104		AC UPS F&G LN B CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1070	%WB106105		AC UPS F&G LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
1071	%WB106301		AC UPS F&G LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
1072	%WB106302		AC UPS F&G LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
1073	%WB106501		WELD TOP DECK CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1074	%WB106502		WELD TOP DECK CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1075	%WB106503		WELD TOP DECK CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1076	%WB106504		WELD TOP DECK CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1077	%WB106505		WELD TOP DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
1078	%WB106701		WELD TOP DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
1079	%WB106702		WELD TOP DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
1080	%WB106901		AC UPS PAS BYP CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1081	%WB106902		AC UPS PAS BYP CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1082	%WB106903		AC UPS PAS BYP CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1083	%WB106904		AC UPS PAS BYP CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1084	%WB106905		AC UPS PAS BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
1085	%WB107101		AC UPS PAS BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
1086	%WB107102		AC UPS PAS BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
1087	%WB107301		DC BAT FDR A CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1088	%WB107302		DC BAT FDR A CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1089	%WB107303		DC BAT FDR A CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1090	%WB107304		DC BAT FDR A CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1091	%WB107305		DC BAT FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	WBTagDef.edf	SHEET:		YOKOGAWA	
STATION:	FCS0101	SAVED DATE:	7/12/2025 1:13:39 AM	COMMENT:			
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No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
1092	%WB107501		DC BAT FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4
1093	%WB107502		DC BAT FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4
1094	%WB107701		DC BAT FDR B CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1095	%WB107702		DC BAT FDR B CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1096	%WB107703		DC BAT FDR B CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1097	%WB107704		DC BAT FDR B CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1098	%WB107705		DC BAT FDR B AVAIL	ON,,OFF,ON	Direct	G	R	4
1099	%WB107901		DC BAT FDR B AVAIL	ON,,OFF,ON	Direct	G	R	4
1100	%WB107902		DC BAT FDR B AVAIL	ON,,OFF,ON	Direct	G	R	4
1101	%WB108101		NAVAID FDR A CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1102	%WB108102		NAVAID FDR A CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1103	%WB108103		NAVAID FDR A CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1104	%WB108104		NAVAID FDR A CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1105	%WB108105		NAVAID FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4
1106	%WB108301		NAVAID FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4
1107	%WB108302		NAVAID FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4
1108	%WB108501		NAVAID FDR B CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1109	%WB108502		NAVAID FDR B CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1110	%WB108503		NAVAID FDR B CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1111	%WB108504		NAVAID FDR B CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1112	%WB108505		NAVAID FDR B AVAIL	ON,,OFF,ON	Direct	G	R	4
1113	%WB108701		NAVAID FDR B AVAIL	ON,,OFF,ON	Direct	G	R	4
1114	%WB108702		NAVAID FDR B AVAIL	ON,,OFF,ON	Direct	G	R	4
1115	%WB108901		WELD LOW DECK CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1116	%WB108902		WELD LOW DECK CB OP	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1117	%WB108903		WELD LOW DECK CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
1118	%WB108904		WELD LOW DECK CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1119	%WB108905		WELD LOW DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
1120	%WB109101		WELD LOW DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
1121	%WB109102		WELD LOW DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
1122	%WB111001		DB BOP CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1123	%WB111002		DB BOP CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1124	%WB111003		DB BOP TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1125	%WB111004		DB BOP FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1126	%WB111005		DB BOP INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1127	%WB111201		DB BOP CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1128	%WB111202		DB BOP CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1129	%WB111401		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
1130	%WB111402		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
1131	%WB111403		DB BOP SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1132	%WB111404		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
1133	%WB111405		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
1134	%WB111501		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
1135	%WB111502		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
1136	%WB111601		CRANE CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1137	%WB111602		CRANE CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1138	%WB111603		CRANE TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1139	%WB111604		CRANE FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1140	%WB111605		CRANE INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1141	%WB111801		CRANE CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1142	%WB111802		CRANE CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1143	%WB112001		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4
1144	%WB112002		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4
1145	%WB112003		CRANE SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1146	%WB112004		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4
1147	%WB112005		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4

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No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
1148	%WB112101		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4
1149	%WB112102		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4
1150	%WB112201		WTP CB CLS	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1151	%WB112202		WTP CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1152	%WB112203		WTP TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1153	%WB112204		WTP FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1154	%WB112205		WTP INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1155	%WB112401		WTP CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1156	%WB112402		WTP CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1157	%WB112601		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
1158	%WB112602		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
1159	%WB112603		WTP SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1160	%WB112604		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
1161	%WB112605		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
1162	%WB112701		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
1163	%WB112702		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
1164	%WB112801		HVAC PNL RM TRIP L	ALARM,,NORMAL,ALARM	Direct	R	G	4
1165	%WB112802		HVAC PNL RM TRIP S	ALARM,,NORMAL,ALARM	Direct	R	G	4
1166	%WB112803		HVAC PNL RM TRIP I	ALARM,,NORMAL,ALARM	Direct	R	G	4
1167	%WB112804		HVAC PNL RM TRIP G	ALARM,,NORMAL,ALARM	Direct	R	G	4
1168	%WB113007		HVAC PNL HV OPEN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1169	%WB113001		HVAC PNL HV CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1170	%WB113016		HVAC PNL HV TRIP DISCON	ALARM,,NORMAL,ALARM	Direct	R	G	4
1171	%WB115401		HVAC PNL HV CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1172	%WB115402		HVAC PNL HV CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1173	%WB115403		HVAC PNL HV TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1174	%WB115404		HVAC PNL HV FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1175	%WB115405		HVAC PNL HV INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1176	%WB115601		HVAC PNL HV CN CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1177	%WB115602		HVAC PNL HV CN OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1178	%WB115801		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
1179	%WB115802		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
1180	%WB115803		HVAC PNL HV SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1181	%WB115804		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
1182	%WB115805		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
1183	%WB115901		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
1184	%WB115902		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
1185	%WB116001		FC AUX LDCB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1186	%WB116002		FC AUX LDCB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1187	%WB116003		FC AUX LDTRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1188	%WB116004		FC AUX LDFDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1189	%WB116005		FC AUX LDINTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1190	%WB116201		FC AUX LD CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1191	%WB116202		FC AUX LD CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1192	%WB116401		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
1193	%WB116402		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
1194	%WB116403		FC AUX LD SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1195	%WB116404		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
1196	%WB116405		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
1197	%WB116501		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
1198	%WB116502		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
1199	%WB116601		BESS PCS CAB CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1200	%WB116602		BESS PCS CAB CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1201	%WB116603		BESS PCS CAB TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1202	%WB116604		BESS PCS CAB FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1203	%WB116605		BESS PCS CAB INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4

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No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
1204	%WB116801		BESS PCS CAB CN CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1205	%WB116802		BESS PCS CAB CN OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1206	%WB117001		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
1207	%WB117002		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
1208	%WB117003		BESS PCS CAB SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1209	%WB117004		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
1210	%WB117005		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
1211	%WB117101		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
1212	%WB117102		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
1213	%WB117201		IA 01A CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1214	%WB117202		IA 01A CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1215	%WB117203		IA 01A TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1216	%WB117204		IA 01A FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1217	%WB117205		IA 01A INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1218	%WB117401		IA 01A CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1219	%WB117402		IA 01A CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1220	%WB117601		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
1221	%WB117602		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
1222	%WB117603		IA 01A SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1223	%WB117604		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
1224	%WB117605		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
1225	%WB117701		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
1226	%WB117702		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
1227	%WB118001		HVAC PNL RM TRIP L	ALARM,,NORMAL,ALARM	Direct	R	G	4
1228	%WB118002		HVAC PNL RM TRIP S	ALARM,,NORMAL,ALARM	Direct	R	G	4
1229	%WB118003		HVAC PNL RM TRIP I	ALARM,,NORMAL,ALARM	Direct	R	G	4
1230	%WB118004		HVAC PNL RM TRIP G	ALARM,,NORMAL,ALARM	Direct	R	G	4
1231	%WB118207		HVAC PNL RM OPEN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1232	%WB118201		HVAC PNL RM CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1233	%WB118216		HVAC PNL RM TRIP DISCON	ALARM,,NORMAL,ALARM	Direct	R	G	4
1234	%WB120401		HVAC LV RM CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1235	%WB120402		HVAC LV RM CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1236	%WB120403		HVAC LV RM TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1237	%WB120404		HVAC LV RM FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1238	%WB120405		HVAC LV RM INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1239	%WB120601		HVAC LV RM CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1240	%WB120602		HVAC LV RM CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1241	%WB120801		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
1242	%WB120802		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
1243	%WB120803		HVAC LV RM SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1244	%WB120804		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
1245	%WB120805		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
1246	%WB120901		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
1247	%WB120902		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
1248	%WB121001		HVAC UPS RM CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1249	%WB121002		HVAC UPS RM CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1250	%WB121003		HVAC UPS RM TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1251	%WB121004		HVAC UPS RM FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1252	%WB121005		HVAC UPS RM INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1253	%WB121201		HVAC UPS RM CN CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1254	%WB121202		HVAC UPS RM CN OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1255	%WB121401		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4
1256	%WB121402		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4
1257	%WB121403		HVAC UPS RM SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1258	%WB121404		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4
1259	%WB121405		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	WBTagDef.edf	SHEET:		YOKOGAWA	
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SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
1260	%WB121501		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4
1261	%WB121502		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4
1262	%WB121601		HVAC ITER CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1263	%WB121602		HVAC ITER CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1264	%WB121603		HVAC ITER TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1265	%WB121604		HVAC ITER FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1266	%WB121605		HVAC ITER INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1267	%WB121801		HVAC ITER CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1268	%WB121802		HVAC ITER CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1269	%WB122001		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
1270	%WB122002		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
1271	%WB122003		HVAC ITER SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1272	%WB122004		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
1273	%WB122005		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
1274	%WB122101		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
1275	%WB122102		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
1276	%WB122201		ICCP CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1277	%WB122202		ICCP CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1278	%WB122203		ICCP TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1279	%WB122204		ICCP FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1280	%WB122205		ICCP INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1281	%WB122401		ICCP CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1282	%WB122402		ICCP CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1283	%WB122601		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
1284	%WB122602		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
1285	%WB122603		ICCP SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1286	%WB122604		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
1287	%WB122605		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
1288	%WB122701		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
1289	%WB122702		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
1290	%WB122801		IA 01B CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1291	%WB122802		IA 01B CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1292	%WB122803		IA 01B TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1293	%WB122804		IA 01B FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1294	%WB122805		IA 01B INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1295	%WB123001		IA 01B CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1296	%WB123002		IA 01B CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1297	%WB123201		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
1298	%WB123202		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
1299	%WB123203		IA 01B SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1300	%WB123204		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
1301	%WB123205		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
1302	%WB123301		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
1303	%WB123302		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
1304	%WB123401		BESS LV1 CB CLS	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1305	%WB123402		BESS LV1 CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1306	%WB123403		BESS LV1 TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1307	%WB123404		BESS LV1 FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1308	%WB123405		BESS LV1 INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1309	%WB123601		BESS LV1 CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1310	%WB123602		BESS LV1 CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1311	%WB123801		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4
1312	%WB123802		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4
1313	%WB123803		BESS LV1 SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1314	%WB123804		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4
1315	%WB123805		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
1316	%WB123901		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4
1317	%WB123902		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4
1318	%WB124001		BESS LV2 CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1319	%WB124002		BESS LV2 CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1320	%WB124003		BESS LV2 TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1321	%WB124004		BESS LV2 FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1322	%WB124005		BESS LV2 INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1323	%WB124201		BESS LV2 CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1324	%WB124202		BESS LV2 CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1325	%WB124401		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
1326	%WB124402		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
1327	%WB124403		BESS LV2 SA1 LOC	ON,,OFF,ON	Direct	G	R	4
1328	%WB124404		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
1329	%WB124405		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
1330	%WB124501		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
1331	%WB124502		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
1332	%WB128101		TEMP GEN/BAT CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
1333	%WB128102		TEMP GEN/BAT CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
1334	%WB128103		TEMP GEN/BAT CB TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1335	%WB128104		TEMP GEN/BAT FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
1336	%WB128105		TEMP GEN/BAT INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1337	%WB128201		TEMP GEN/BAT AVAIL	ON,,OFF,ON	Direct	G	R	4
1338	%WB128202		TEMP GEN/BAT AVAIL	ON,,OFF,ON	Direct	G	R	4
1339	%WB128501		SW PMP A LOC	REMOTE ,,LOCAL,REMOTE	Direct	G	R	4
1340	%WB128502		SW PMP A RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
1341	%WB128503		SW PMP A TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1342	%WB128504		SW PMP A AVAIL	ON,,OFF,ON	Direct	G	R	4
1343	%WB128505		SW PMP A ESD ACT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1344	%WB128506		SW PMP A PA1 LOC STOP	STOP,,STOP	Direct	R	GR	4
1345	%WB128701		SW PMP A STRT CMD	START,,START	Direct	G	GR	4
1346	%WB128702		SW PMP A STOP CMD	STOP,,STOP	Direct	R	GR	4
1347	%WB129101		SW PMP B LOC	REMOTE ,,LOCAL,REMOTE	Direct	G	R	4
1348	%WB129102		SW PMP B RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
1349	%WB129103		SW PMP B TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
1350	%WB129104		SW PMP B AVAIL	ON,,OFF,ON	Direct	G	R	4
1351	%WB129105		SW PMP B ESD ACT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
1352	%WB129106		SW PMP B PA1 LOC STOP	STOP,,STOP	Direct	R	GR	4
1353	%WB129301		SW PMP B STRT CMD	START,,START	Direct	G	GR	4
1354	%WB129302		SW PMP B STOP CMD	STOP,,STOP	Direct	R	GR	4
2489	%WB205102	63NORUNFB001-H	COMPRESSOR 1 NOT STARTED	ON,,OFF,ON	Reverse	G	R	4
2490	%WB205101	63NORUNFB002-H	COMPRESSOR 2 NOT STARTED	ON,,OFF,ON	Reverse	G	R	4
2491	%WB205408	63DRY-SW	DRYER SWITCH	ON,,OFF,ON	Direct	R	R	4
2492	%WB205407	63STOP-REQ	STOP REQEST	ON,,OFF,ON	Direct	R	R	4
2493	%WB205308	63PREFIL_1-H	DP EXCD PRE-FLTR 1	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2494	%WB205307	63PREFIL_2-H	DP EXCD PRE-FLTR 2	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2495	%WB205306	63POSTFIL_1-H	DP EXCD POST-FLTR 1	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2496	%WB205305	63POSTFIL_2-H	DP EXCD POST-FLTR 2	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2497	%WB205304	63PREFIL-H	DP BOTH PRE-FLTR	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2498	%WB205303	63POSTFIL-H	DP BOTH POST-FLTR	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2499	%WB205302	63DRY-H	PS TRIGGER BOTH	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2500	%WB205301	63CMPR-H	BOTH COMPRSRALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2501	%WB205116	63COMP001-H	COMPRESSOR-1 GENERAL ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2502	%WB205115	63COMP002-H	COMPRESSOR-2 GENERAL ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2503	%WB205114	6320FS12-H	SURG ARR 230VAC_SERV ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2504	%WB205113	6321FS12-H	SURG ARR 230VAC_UPS ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2505	%WB205112	63TH001-H	INT CAB HRMOSTAT ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4

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SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
2506	%WB205108	63PS054-H	ALM DRIER-1 TWR A PS	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2507	%WB205107	63PS056-H	ALM DRIER-1 TWR B PS	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2508	%WB205106	63PS058-H	ALM DRIER-2 TWR A PS	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2509	%WB205105	63PS060-H	ALM DRIER-2 TWR B PS	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2510	%WB205216	63XY055-H	ALM 63-XY-055	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2511	%WB205215	63XY056-H	ALM 63-XY-056	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2512	%WB205214	63XY057-H	ALM 63-XY-057	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2513	%WB205213	63XY058-H	ALM 63-XY-058	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2514	%WB205212	63XY059-H	ALM 63-XY-059	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2515	%WB205211	63XY060-H	ALM 63-XY-060	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2516	%WB205316	63AIT051-LL	DEW POINT Tx LO LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2517	%WB205315	63AIT051-L	DEW POINT Tx LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2518	%WB205314	63AIT051-H	DEW POINT Tx HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2519	%WB205313	63AIT051-HH	DEW POINT Tx HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2520	%WB205312	63PT064-LL	PT IA REC LO LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2521	%WB205311	63PT064-L	PT IA REC LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2522	%WB205310	63PT064-H	PT IA REC HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2523	%WB205309	63PT064-HH	PT IA REC HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2524	%WB205608	63TIT051-LL	TT IN AIR LO LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2525	%WB205607	63TIT051-L	TT IN AIR LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2526	%WB205606	63TIT051-H	TT IN AIR HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2527	%WB205605	63TIT051-HH	TT IN AIR HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2528	%WB205604	63TIT052-LL	TT IA REC LO LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2529	%WB205603	63TIT052-L	TT IA REC LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2530	%WB205602	63TIT052-H	TT IA REC HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2531	%WB205601	63TIT052-HH	TT IA REC HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2532	%WB205616	63FIT051-LL	FT OL AIR LO LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2533	%WB205615	63FIT051-L	FT OL AIR LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2534	%WB205614	63FIT051-H	FT OL AIR HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2535	%WB205613	63FIT051-HH	FT OL AIR HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2536	%WB205612	63PDIT051-LL	DPT IN FLTRS LO LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2537	%WB205611	63PDIT051-L	DPT IN FLTRS LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2538	%WB205610	63PDIT051-H	DPT IN FLTRS HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2539	%WB205609	63PDIT051-HH	DPT IN FLTRS HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2540	%WB205508	63PDIT052-LL	DPT OL FLTRS LO LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2541	%WB205507	63PDIT052-L	DPT OL FLTRS LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2542	%WB205506	63PDIT052-H	DPT OL FLTRS HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2543	%WB205505	63PDIT052-HH	DPT OL FLTRS HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2544	%WB205516	63AIT051-BADPV	DEW POINT Tx BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2545	%WB205515	63PT064-BADPV	PT IA REC BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2546	%WB205514	63TIT051-BADPV	TT IN AIR BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2547	%WB205513	63TIT052-BADPV	TT IA REC BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2548	%WB205512	63FIT051-BADPV	FT OL AIR BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2549	%WB205511	63PDI051-BPV	DPT IN FLTRS BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2550	%WB205510	63PDI052-BPV	DPT OL FLTRS BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2551	%WB205808	63ESDSIS001-H	PLANT SD ALM SIS	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2552	%WB205807	63ALARM-PLANT	PLANT GENERAL ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2553	%WB205806	63PLANT-READY	PLANT READY	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2554	%WB205805	63PLANT-RUNNING	PLANT RUNN	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2555	%WB205804	63PL-LR	PLANT IN REMOTE MODE	LOCAL,,REMOTE ,LOCAL	Reverse	G	R	4
2556	%WB205803	63ALARMDRY-001	DRYER 1 ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2557	%WB205802	63ALARMDRY-002	DRYER 2 ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2558	%WB205816	63CMP01-ST	COMPRESSOR 1 CMD	RUN,,STOP,RUN	Direct	R	R	4
2559	%WB205815	63CMP02-ST	COMPRESSOR 2 CMD	RUN,,STOP,RUN	Direct	R	R	4
2560	%WB205812	63CMP01-RUN	COMPRESSOR 1 RUNN	RUN,,STOP,RUN	Direct	R	R	4
2561	%WB205811	63CMP02-RUN	COMPRESSOR 2 RUNN	RUN,,STOP,RUN	Direct	R	R	4

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SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
2562	%WB205708	63XY051	DRYER-1 5WAY SOV OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2563	%WB205707	63XY052	DRYER-1 DEPR SOV OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2564	%WB205706	63XY053	DRYER-2 5WAY SOV OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2565	%WB205705	63XY054	DRYER-2 DEPR SOV OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2566	%WB205716	63XY055		OPEN,,CLOSE,OPEN	Reverse	R	G	4
2567	%WB205715	63XY056		OPEN,,CLOSE,OPEN	Reverse	R	G	4
2568	%WB205714	63XY057		OPEN,,CLOSE,OPEN	Reverse	R	G	4
2569	%WB205713	63XY058		OPEN,,CLOSE,OPEN	Reverse	R	G	4
2570	%WB205712	63XY059		OPEN,,CLOSE,OPEN	Reverse	R	G	4
2571	%WB205711	63XY060		OPEN,,CLOSE,OPEN	Reverse	R	G	4
2574	%WB206008	63ZSH-055	VALVE XY-055 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2575	%WB206007	63ZSL-055	VALVE XY-055 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2576	%WB206006	63ZSH-056	VALVE XY-056 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2577	%WB206005	63ZSL-056	VALVE XY-056 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2578	%WB206004	63ZSH-057	VALVE XY-057 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2579	%WB206003	63ZSL-057	VALVE XY-057 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2580	%WB206002	63ZSH-058	VALVE XY-058 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2581	%WB206001	63ZSL-058	VALVE XY-058 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2582	%WB206016	63ZSH-059	VALVE XY-059 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2583	%WB206015	63ZSL-059	VALVE XY-059 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2584	%WB206014	63ZSH-060	VALVE XY-060 OPN	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
2585	%WB206013	63ZSL-060	VALVE XY-060 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2588	%WB217716	64TH001-H	INTERNAL CABINET THERMOS	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2589	%WB218008	64XY051-H	VALVE XY051 ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2590	%WB218007	64XY052-H	VALVE XY052 ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2591	%WB218006	64XY053-H	VALVE XY053 ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2592	%WB218005	64XY054-H	VALVE XY054 ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2593	%WB218004	64XY055-H	VALVE XY055 ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2594	%WB218003	64XY056-H	VALVE XY056 ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2595	%WB218002	64XY057-H	VALVE XY057 ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2596	%WB218001	64XY058-H	VALVE XY058 ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2597	%WB218016	64XY059-H	VALVE XY059 ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2598	%WB218015	64XY060-H	VALVE XY060 ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2599	%WB218014	64XY061-H	VALVE XY061 ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2600	%WB217916	64PT051-LL	IL PRES TRANS - L L ALAR	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2601	%WB217915	64PT051-L	IL PRES TRANS- LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2602	%WB217914	64PT051-H	IL PRES TRANS - HI ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2603	%WB217913	64PT051-HH	IL PRES TRANS- HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2604	%WB217912	64PT052-LL	T1 PRES TRANS -LO LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2605	%WB217911	64PT052-L	T1 PRES TRANS -LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2606	%WB217910	64PT052-H	T1 PRES TRANS -HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2607	%WB217909	64PT052-HH	T1 PRES TRANS -HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2608	%WB218208	64PT053-LL	T2 PRES TRANS -LO LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2609	%WB218207	64PT053-L	T2 PRES TRANS -LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2610	%WB218206	64PT053-H	T2 PRES TRANS -HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2611	%WB218205	64PT053-HH	T2 PRES TRANS -HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2612	%WB218204	64PT057-LL	OL B PRES TRANS LOLO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2613	%WB218203	64PT057-L	OL B PRES TRANS LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2614	%WB218202	64PT057-H	OL B PRES TRANS HIHI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2615	%WB218201	64PT057-HH	OL B PRES TRANS HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2616	%WB218216	64PT059-LL	PRES TRANS INS AR LOLO A	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2617	%WB218215	64PT059-L	PRES TRANS INS AR LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2618	%WB218214	64PT059-H	PRES TRANS INS AR HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2619	%WB218213	64PT059-HH	PRES TRANS INS AR HIHI A	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2620	%WB218212	64PDIT056-LL	DIF PRES TRANS OL LO LO	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2621	%WB218211	64PDIT056-L	DIF PRES TRANS OL LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4

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SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
2622	%WB218210	64PDIT056-H	DIF PRES TRANS OL LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2623	%WB218209	64PDIT056-HH	DIF PRES TRANS HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2624	%WB218108	64AT051-LL	OXYGEN TRANS LO LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2625	%WB218107	64AT051-L	OXYGEN TRANS LO ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2626	%WB218106	64AT051-H	OXYGEN TRANS HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2627	%WB218105	64AT051-HH	OXYGEN TRANS HI HI ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2628	%WB218116	64PT051-BADPV	IL PRES TRANS- BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2629	%WB218115	64PT052-BADPV	T1 PRES TRANS- BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2630	%WB218114	64PT053-BADPV	T2 PRES TRANS- BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2631	%WB218113	64PT057-BADPV	OL B PRES TRANS- BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2632	%WB218112	64PT059-BADPV	PRES TRANS OL FIL-BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2633	%WB218111	64PDIT056-BADPV	OXYGEN TRANS- BAD PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2634	%WB218110	64AT051-BADPV	DIF PRES TRANS OL FIL-PV	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2635	%WB218408	64ESD-SIS-001-H	PLANT SHITDOWN ALM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2636	%WB218407	64ALARM-PLANT	PLANT GEN ALARM	ALARM,,NORMAL,ALARM	Reverse	G	R	4
2637	%WB218406	64PLANT-READY	PLANT READY	READY,,N_READY,READY	Direct	R	R	4
2638	%WB218405	64PLANT-RUNNING	PLANT RUNNING	RUN,,STOP,RUN	Direct	R	R	4
2639	%WB218404	64PLANT-LOCA-REM	PLANT IN REM MODE	REMOTE ,,LOCAL,REMOTE	Direct	G	GR	4
2640	%WB218416	64-XV-051	VALVE XY-051 CMD	OPEN,,CLOSE,OPEN	Direct	G	GR	4
2641	%WB218415	64-XV-052	VALVE XY-052 CMD	OPEN,,CLOSE,OPEN	Direct	G	GR	4
2642	%WB218414	64-XV-053	VALVE XY-053 CMD	OPEN,,CLOSE,OPEN	Direct	G	GR	4
2643	%WB218413	64-XV-054	VALVE XY-054 CMD	OPEN,,CLOSE,OPEN	Direct	G	GR	4
2644	%WB218412	64-XV-055	VALVE XY-055 CMD	OPEN,,CLOSE,OPEN	Direct	G	GR	4
2645	%WB218411	64-XV-056	VALVE XY-056 CMD	OPEN,,CLOSE,OPEN	Direct	G	GR	4
2646	%WB218410	64-XV-057	VALVE XY-057 CMD	OPEN,,CLOSE,OPEN	Direct	G	GR	4
2647	%WB218409	64-XV-058	VALVE XY-058 CMD	OPEN,,CLOSE,OPEN	Direct	G	GR	4
2648	%WB218308	64-XV-059	VALVE XY-059 CMD	OPEN,,CLOSE,OPEN	Direct	G	GR	4
2649	%WB218307	64-XV-060	VALVE XY-060 CMD	OPEN,,CLOSE,OPEN	Direct	G	GR	4
2650	%WB218306	64-XV-061	VALVE XY-061 CMD	OPEN,,CLOSE,OPEN	Direct	G	GR	4
2651	%WB218316	64ZSH-051	VALVE XY-051 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2652	%WB218315	64ZSL-051	VALVE XY-051 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2653	%WB218314	64ZSH-052	VALVE XY-052 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2654	%WB218313	64ZSL-052	VALVE XY-052 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2655	%WB218312	64ZSH-053	VALVE XY-053 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2656	%WB218311	64ZSL-053	VALVE XY-053 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2657	%WB218310	64ZSH-054	VALVE XY-054 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2658	%WB218309	64ZSL-054	VALVE XY-054 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2659	%WB218608	64ZSH-055	VALVE XY-055 OPN	OPENED,,N_OPENED,OPENED	Reverse	G	GR	4
2660	%WB218607	64ZSL-055	VALVE XY-055 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2661	%WB218606	64ZSH-056	VALVE XY-056 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2662	%WB218605	64ZSL-056	VALVE XY-056 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2663	%WB218604	64ZSH-057	VALVE XY-057 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2664	%WB218603	64ZSL-057	VALVE XY-057 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2665	%WB218602	64ZSH-058	VALVE XY-058 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2666	%WB218601	64ZSL-058	VALVE XY-058 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2667	%WB218616	64ZSH-059	VALVE XY-059 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2668	%WB218615	64ZSL-059	VALVE XY-059 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2669	%WB218614	64ZSH-060	VALVE XY-060 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2670	%WB218613	64ZSL-060	VALVE XY-060 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2671	%WB218612	64ZSH-061	VALVE XY-061 OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
2672	%WB218611	64ZSL-061	VALVE XY-061 CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
2673	%WB212709	64STARTPLANT-CMD	REMOTE START COMMAND	START,,,START	Direct	G	R	4
2674	%WB212710	64STOPPLANT-CMD	REMOTE STOP COMMAND	STOP,,,STOP	Direct	R	R	4
2675	%WB212712	64ACK-ALARM	REMOTE ALARMS ACKNOWLDGE	ON,,OFF,ON	Direct	G	R	4
2676	%WB212713	64CHNG-FILT	CHANGE FILTER COMMAND	ON,,OFF,ON	Direct	R	GR	4
2677	%WB212714	64WTCDG-BIT	WATCH DOG BIT	ON,,OFF,ON	Direct	R	GR	4

PROJECT:	BLPH-CW1	FILE NAME:	WBTagDef.edf	SHEET:		YOKOGAWA	
STATION:	FCS0101	SAVED DATE:	7/12/2025 1:13:39 AM	COMMENT:			
SECTION:	Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
2679	%WB205208	63RED_FAIL	REDUNDANCY CPU FAIL	FAULT,,NORMAL,FAULT	Reverse	G	R	4
2680	%WB205207	63CPU_SWITCH	REDUNDANCY CPU FAIL	FAULT,,NORMAL,FAULT	Reverse	G	R	4
2681	%WB205206	63IM_ERR	IM ERROR	FAULT,,NORMAL,FAULT	Reverse	G	R	4
2682	%WB152905	63PNPN_ERR	PNPN COUPLERERROR	FAULT,,NORMAL,FAULT	Reverse	G	R	4
2683	%WB152904	63NET_ERR	NETWORK PN/IE_1 ERROR	FAULT,,NORMAL,FAULT	Reverse	G	R	4
3001	%WB363501	87PERM-0001	PERM FUEL CELL START	ON,,OFF,ON	Direct	R	R	4
3002	%WB363502	87PERM-0002	PERM ELECTRLYZR START	ON,,OFF,ON	Direct	R	R	4
3003	%WB363503	87H2TK-0001	ALL STORAGE FULL	ON,,OFF,ON	Direct	R	R	4
3004	%WB363504	87XA-0001	BESS FLT	ON,,OFF,ON	Direct	R	R	4
3005	%WB363505	87PWRC-001	POWER OUT MODE ESD-1D	ON,,OFF,ON	Direct	R	R	4
3013	%WB064102	87LDSH-001A	LOAD SHEDDING-1	ON,,OFF,ON	Direct	R	R	4
3014	%WB064103	87LDSH-002A	LOAD SHEDDING-2	ON,,OFF,ON	Direct	R	R	4
3017	%WB364102	87LDSH-001B	LOAD SHEDDING-1	ON,,OFF,ON	Direct	R	R	4
3018	%WB364103	87LDSH-002B	LOAD SHEDDING-2	ON,,OFF,ON	Direct	R	R	4
3021	%WB063501	87PERM-0001A	PERM FUEL CELL START	ON,,OFF,ON	Direct	R	R	4
3022	%WB063502	87PERM-0002A	PERM ELECTRLYZR START	ON,,OFF,ON	Direct	R	R	4
3023	%WB063503	87H2TK-0001A	ALL STORAGE FULL	ON,,OFF,ON	Direct	R	R	4
3024	%WB063504	87XA-0001A	BESS FLT	ON,,OFF,ON	Direct	R	R	4
3025	%WB063505	87PWRC-001A	POWER OUT MODE ESD-1D	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-1
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Communication I/O Builder

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port PN-Offset	IP Address PN-Updating Time PN-Size in Channel	Station PN-Watchdog Time	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%XW0001	700	K1-3-7FMODBUS	6	1	10.230.162.249	1	A10000	Input(Discrete)	Bits	Normal		
%XW0002	*	*	*	*	*	*	*	*	*	*		*
	*	*		*	*		*	*		*	*	
	*			*		*						
%XW0003	*	*	*	*	*	*	*	*	*	*		*
	*	*		*	*		*	*		*	*	
	*			*		*						
%XW0004	*	*	*	*	*	*	*	*	*	*		*
	*	*		*	*		*	*		*	*	
	*			*		*						
%XW0005	*	*	*	*	*	*	*	*	*	*		*
	*	*		*	*		*	*		*	*	
	*			*		*						
%XW0006	*	*	*	*	*	*	*	*	*	*		*
	*	*		*	*		*	*		*	*	
	*			*		*						
%XW0007	*	*										
%XW0008	*	*										
%XW0009	*	*										
%XW0010	*	*										
%XW0011	*	*	14	1	10.230.162.249	1	A30000	Input(Discrete)	Bits	Normal		
%XW0012	*	*	*	*	*	*	*	*	*	*		*
	*	*		*	*		*	*		*	*	
	*			*		*						
%XW0013	*	*	*	*	*	*	*	*	*	*		*
	*	*		*	*		*	*		*	*	
	*			*		*						
%XW0014	*	*	*	*	*	*	*	*	*	*		*
	*	*		*	*		*	*		*	*	
	*			*		*						
%XW0015	*	*	*	*	*	*	*	*	*	*		*
	*	*		*	*		*	*		*	*	
	*			*		*						
%XW0016	*	*	*	*	*	*	*	*	*	*		*
	*	*		*	*		*	*		*	*	
	*			*		*						
%XW0017	*	*	*	*	*	*	*	*	*	*		*
	*	*		*	*		*	*		*	*	
	*			*		*						

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-2
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0018	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0019	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0020	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0021	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0022	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0023	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0024	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0025	*	*										
%XW0026	*	*										
%XW0027	*	*										
%XW0028	*	*										
%XW0029	*	*										
%XW0030	*	*										
%XW0031	*	*	8	1	10.230.162.249	1	A30014	Input(16-Bit Signed)	No	Normal	MEASURE - POWER FACTOR	
%XW0032	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0033	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0034	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0035	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*		*	*	*		*	*		*
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-3
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0036	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0037	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0038	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0039	*	*	32	1	10.230.162.249	1	A30022	Input(16-Bit Unsigned)	No	Normal	MEASURE - VOLTAGE "L1-L2"	
%XW0040	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0041	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0042	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0043	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0044	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0045	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0046	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0047	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0048	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0049	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0050	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0051	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0052	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0053	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-4
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0054	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0055	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0056	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0057	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0058	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0059	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0060	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0061	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0062	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0063	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0064	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0065	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0066	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0067	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0068	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0069	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0070	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0071	*	*	42	1	10.230.162.249	1	A30054	Input(32-Bit Signed)	Words	Normal	MEASURE - APPARENT POWER	

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-5
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size / Port / PN-Updating Time / PN-Watchdog Time / PN-Size in Channel	IP Address / Station / Device&Address / DCP SET / PN-Module	Data Type	Reverse / PN-slot	Scan / PN-SubModule	Service Comment	Station name / PN-Sub Slot
%XW0072									
%XW0073								MEASURE - REAL POWER	
%XW0074									
%XW0075								MEASURE - REACTIVE POWER	
%XW0076									
%XW0077								MEASURE - APPARENT POWER	
%XW0078									
%XW0079								MEASURE - REAL POWER	
%XW0080									
%XW0081								MEASURE - REACTIVE POWER	
%XW0082									
%XW0083								MEASURE - APPARENT POWER	
%XW0084									
%XW0085								MEASURE - REAL POWER	
%XW0086									
%XW0087								MEASURE - REACTIVE POWER	
%XW0088									
%XW0089								MEASURE - APPARENT POWER	

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-6
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0090	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0091	*	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0092	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0093	*	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0094	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0095	*	*	*	*	*	*	*	*	*	*	MEASURE - APPARENT POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0096	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0097	*	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0098	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0099	*	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0100	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0101	*	*	*	*	*	*	*	*	*	*	MEASURE - APPARENT POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0102	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0103	*	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0104	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0105	*	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0106	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0107	*	*	*	*	*	*	*	*	*	*	MEASURE - APPARENT POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-7
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0108	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0109	*	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0110	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0111	*	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0112	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0113	*	*	54	1	10.230.162.249	1	A30096	Input(32-Bit Signed)	Words	Normal	MEASURE - CURRENT "L1"	
%XW0114	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0115	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0116	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0117	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0118	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0119	*	*	*	*	*	*	*	*	*	*	MEASURE - APPARENT POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0120	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0121	*	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0122	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0123	*	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0124	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0125	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size / PN-Updating Time / PN-Size in Channel	Port / PN-Watchdog Time	IP Address / Station / DCP SET	Device&Address / PN-Module	Data Type	Reverse / PN-slot	Scan / PN-SubModule	Service Comment	Station name / PN-Sub Slot
%XW0126	*	*	*	*	*	*	*	*	*		*
%XW0127	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
%XW0128	*	*	*	*	*	*	*	*	*		*
%XW0129	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
%XW0130	*	*	*	*	*	*	*	*	*		*
%XW0131	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
%XW0132	*	*	*	*	*	*	*	*	*		*
%XW0133	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
%XW0134	*	*	*	*	*	*	*	*	*		*
%XW0135	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
%XW0136	*	*	*	*	*	*	*	*	*		*
%XW0137	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
%XW0138	*	*	*	*	*	*	*	*	*		*
%XW0139	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
%XW0140	*	*	*	*	*	*	*	*	*		*
%XW0141	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
%XW0142	*	*	*	*	*	*	*	*	*		*
%XW0143	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-9
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0144	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0145	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0146	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0147	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0148	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0149	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0150	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0151	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0152	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0153	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0154	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0155	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0156	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0157	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0158	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0159	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0160	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0161	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port	IP Address PN-Updating Time PN-Offset in Channel	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan	Service Comment PN-SubModule	Station name PN-Sub Slot
%XW0162	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*		*	*	*	*		*
	*		*			*						
%XW0163	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*		*		*	*	*	*		*
	*		*			*						
%XW0164	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*		*	*	*	*		*
	*		*			*						
%XW0165	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*		*		*	*	*	*		*
	*		*			*						
%XW0166	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*		*	*	*	*		*
	*		*			*						
%XW0167	*	*										
%XW0168	*	*										
%XW0169	*	*	1	1	10.230.162.249	1	Y00000	Output(Discrete)	Bits	Normal		
%XW0170	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*		*	*	*	*		*
	*		*			*						
%XW0171	*	*										
%XW0172	*	*										
%XW0173	*	*	2	1	10.230.162.249	1	X40000	Output(Discrete)	Bits	Normal		
%XW0174	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*		*	*	*	*		*
	*		*			*						
%XW0175	*	*										
%XW0176	*	*										
%XW0177	*	*										
%XW0178	*	*										
%XW0179	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-11
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway PN-Offset in Channel	Size PN-Updating Time PN-Size in Channel	Port PN-Watchdog Time	IP Address DCP SET	Station PN-Module	Device&Address	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment	Station name PN-Sub Slot
%XW0180	*	*										
%XW0181	*	*	8	1	10.230.162.250	1	A10000	Input(Discrete)	Bits	Normal		
%XW0182	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0183	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0184	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0185	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0186	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0187	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0188	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0189	*	*										
%XW0190	*	*										
%XW0191	*	*	26	1	10.230.162.250	1	A30000	Input(Discrete)	Bits	Normal		
%XW0192	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0193	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0194	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0195	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0196	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									
%XW0197	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*									

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-12
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0198	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0199	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0200	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0201	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0202	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0203	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0204	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0205	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0206	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0207	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0208	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0209	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0210	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0211	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0212	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0213	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0214	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							
%XW0215	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*	*	
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-13
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0216	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0217	*	*										
%XW0218	*	*										
%XW0219	*	*										
%XW0220	*	*										
%XW0221	*	*										
%XW0222	*	*										
%XW0223	*	*										
%XW0224	*	*										
%XW0225	*	*										
%XW0226	*	*										
%XW0227	*	*										
%XW0228	*	*										
%XW0229	*	*										
%XW0230	*	*										
%XW0231	*	*	13	1	10.230.162.250	1	A30026	Input(16-Bit Signed)	No	Normal	MEASURE - POWER FACTOR	
%XW0232	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0233	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0234	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0235	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0236	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0237	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0238	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0239	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0240	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0241	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0242	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0243	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0244	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0245	*	*	52	1	10.230.162.250	1	A30039	Input(16-Bit Unsigned)	No	Normal	MEASURE - VOLTAGE "L1-L2"	
%XW0246	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0247	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0248	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0249	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0250	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0251	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-15
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time		DCP SET	PN-Module	PN-slot		PN-SubModule	PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0252	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0253	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0254	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0255	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0256	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0257	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0258	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0259	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0260	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0261	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0262	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0263	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0264	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0265	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0266	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0267	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0268	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0269	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time		DCP SET	PN-Module	PN-slot		PN-SubModule	PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0270	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
%XW0271	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
%XW0272	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
%XW0273	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
%XW0274	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
%XW0275	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
%XW0276	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
%XW0277	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
%XW0278	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
%XW0279	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
%XW0280	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
%XW0281	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
%XW0282	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
%XW0283	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
%XW0284	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
%XW0285	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
%XW0286	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
%XW0287	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-17
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0288	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0289	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0290	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0291	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0292	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0293	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0294	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0295	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0296	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0297	*	*	78	1	10.230.162.250	1	A30091	Input(32-Bit Signed)	Words	Normal	MEASURE - APPARENT POWER	
%XW0298	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0299	*	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0300	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0301	*	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0302	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0303	*	*	*	*	*	*	*	*	*	*	MEASURE - APPARENT POWER	*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0304	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*		*
	*		*		*							
%XW0305	*	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*		*	*	*		*	*		*
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-18
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size / Port / IP Address / PN-Updating Time / PN-Size in Channel	Station / PN-Watchdog Time	Device&Address / DCP SET / PN-Module	Data Type	Reverse / PN-slot	Scan / PN-SubModule	Service Comment	Station name / PN-Sub Slot
%XW0306										
%XW0307									MEASURE - REACTIVE POWER	
%XW0308										
%XW0309									MEASURE - APPARENT POWER	
%XW0310										
%XW0311									MEASURE - REAL POWER	
%XW0312										
%XW0313									MEASURE - REACTIVE POWER	
%XW0314										
%XW0315									MEASURE - APPARENT POWER	
%XW0316										
%XW0317									MEASURE - REAL POWER	
%XW0318										
%XW0319									MEASURE - REACTIVE POWER	
%XW0320										
%XW0321									MEASURE - APPARENT POWER	
%XW0322										
%XW0323									MEASURE - REAL POWER	

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-19
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0324												
%XW0325											MEASURE - REACTIVE POWER	
%XW0326												
%XW0327											MEASURE - APPARENT POWER	
%XW0328												
%XW0329											MEASURE - REAL POWER	
%XW0330												
%XW0331											MEASURE - REACTIVE POWER	
%XW0332												
%XW0333											MEASURE - APPARENT POWER	
%XW0334												
%XW0335											MEASURE - REAL POWER	
%XW0336												
%XW0337											MEASURE - REACTIVE POWER	
%XW0338												
%XW0339											MEASURE - APPARENT POWER	
%XW0340												
%XW0341											MEASURE - REAL POWER	

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-20
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size / PN-Updating Time / PN-Size in Channel	Port / PN-Watchdog Time	IP Address / Station / DCP SET	Device&Address / PN-Module	Data Type	Reverse / PN-slot	Scan / PN-SubModule	Service Comment	Station name / PN-Sub Slot
%XW0342											
%XW0343										MEASURE - REACTIVE POWER	
%XW0344											
%XW0345										MEASURE - APPARENT POWER	
%XW0346											
%XW0347										MEASURE - REAL POWER	
%XW0348											
%XW0349										MEASURE - REACTIVE POWER	
%XW0350											
%XW0351										MEASURE - APPARENT POWER	
%XW0352											
%XW0353										MEASURE - REAL POWER	
%XW0354											
%XW0355										MEASURE - REACTIVE POWER	
%XW0356											
%XW0357										MEASURE - APPARENT POWER	
%XW0358											
%XW0359										MEASURE - REAL POWER	

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-21
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size	Port / PN-Updating Time / PN-Watchdog Time / PN-Size in Channel	IP Address	Station	Device&Address / DCP SET / PN-Module	Data Type	Reverse / PN-slot	Scan / PN-SubModule	Service Comment / PN-Sub Slot	Station name
%XW0360	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0361	*	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0362	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0363	*	*	*	*	*	*	*	*	*	*	MEASURE - APPARENT POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0364	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0365	*	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0366	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0367	*	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0368	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0369	*	*	*	*	*	*	*	*	*	*	MEASURE - APPARENT POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0370	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0371	*	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0372	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0373	*	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0374	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0375	*	*	78	1	10.230.162.250	1	A30169	Input(32-Bit Signed)	Words	Normal	MEASURE - CURRENT "L1"	
%XW0376	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								
%XW0377	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*	*	
	*	*	*	*								

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-22
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size / Port / IP Address / PN-Updating Time / PN-Watchdog Time / PN-Size in Channel	Station / Device&Address / DCP SET / PN-Module	Data Type	Reverse / PN-slot	Scan / PN-SubModule	Service Comment	Station name / PN-Sub Slot
%XW0378	*	*	* * * * * * * *	*	*	*	*		*
%XW0379	*	*	* * * * * * * *	*	*	*	*	MEASURE - CURRENT "L3"	*
%XW0380	*	*	* * * * * * * *	*	*	*	*		*
%XW0381	*	*	* * * * * * * *	*	*	*	*	MEASURE - CURRENT "L1"	*
%XW0382	*	*	* * * * * * * *	*	*	*	*		*
%XW0383	*	*	* * * * * * * *	*	*	*	*	MEASURE - CURRENT "L2"	*
%XW0384	*	*	* * * * * * * *	*	*	*	*		*
%XW0385	*	*	* * * * * * * *	*	*	*	*	MEASURE - CURRENT "L3"	*
%XW0386	*	*	* * * * * * * *	*	*	*	*		*
%XW0387	*	*	* * * * * * * *	*	*	*	*	MEASURE - CURRENT "L1"	*
%XW0388	*	*	* * * * * * * *	*	*	*	*		*
%XW0389	*	*	* * * * * * * *	*	*	*	*	MEASURE - CURRENT "L2"	*
%XW0390	*	*	* * * * * * * *	*	*	*	*		*
%XW0391	*	*	* * * * * * * *	*	*	*	*	MEASURE - CURRENT "L3"	*
%XW0392	*	*	* * * * * * * *	*	*	*	*		*
%XW0393	*	*	* * * * * * * *	*	*	*	*	MEASURE - CURRENT "L1"	*
%XW0394	*	*	* * * * * * * *	*	*	*	*		*
%XW0395	*	*	* * * * * * * *	*	*	*	*	MEASURE - CURRENT "L2"	*

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-23
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway	Size / PN-Updating Time / PN-Offset in Channel	Port / PN-Watchdog Time / PN-Size in Channel	IP Address	Station	Device&Address / DCP SET / PN-Module	Data Type	Reverse / PN-slot	Scan / PN-SubModule	Service Comment	Station name / PN-Sub Slot
%XW0396	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*		* * *
%XW0397	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*	MEASURE - CURRENT "L3"	* * *
%XW0398	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*		* * *
%XW0399	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*	MEASURE - CURRENT "L1"	* * *
%XW0400	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*		* * *
%XW0401	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*	MEASURE - CURRENT "L2"	* * *
%XW0402	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*		* * *
%XW0403	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*	MEASURE - CURRENT "L3"	* * *
%XW0404	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*		* * *
%XW0405	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*	MEASURE - CURRENT "L1"	* * *
%XW0406	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*		* * *
%XW0407	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*	MEASURE - CURRENT "L2"	* * *
%XW0408	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*		* * *
%XW0409	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*	MEASURE - CURRENT "L3"	* * *
%XW0410	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*		* * *
%XW0411	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*	MEASURE - CURRENT "L1"	* * *
%XW0412	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*		* * *
%XW0413	* * *	* * *	* * *	* * *	*	*	* * *	*	*	*	MEASURE - CURRENT "L2"	* * *

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time		DCP SET	PN-Module	PN-slot		PN-SubModule	PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0414	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0415	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0416	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0417	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0418	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0419	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0420	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0421	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0422	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0423	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0424	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0425	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0426	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0427	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0428	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0429	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0430	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0431	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time		DCP SET	PN-Module	PN-slot		PN-SubModule	PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0432	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0433	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0434	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0435	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0436	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0437	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0438	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0439	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0440	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0441	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0442	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0443	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0444	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0445	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0446	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0447	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0448	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0449	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-26
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size PN-Offset in Channel	Port PN-Updating Time	IP Address PN-Watchdog Time	Station PN-Size in Channel	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%XW0450	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0451	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0452	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0453	*	*										
%XW0454	*	*										
%XW0455	*	*	2	1	10.230.162.250	1	Y00000	Output(Discrete)	Bits	Normal		
%XW0456	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0457	*	*										
%XW0458	*	*										
%XW0459	*	*										
%XW0460	*	*										
%XW0461	*	*										
%XW0462	*	*										
%XW0463	*	*										
%XW0464	*	*										
%XW0465	*	*										
%XW0466	*	*										
%XW0467	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-27
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time		DCP SET	PN-Module	PN-slot		PN-SubModule	PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0468	*	*										
%XW0469	*	*										
%XW0470	*	*										
%XW0471	*	*	5	1	10.230.162.251	1	A10000	Input(Discrete)	Bits	Normal		
%XW0472	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*	*	
	*		*		*							
%XW0473	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*	*	
	*		*		*							
%XW0474	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*	*	
	*		*		*							
%XW0475	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*	*	
	*		*		*							
%XW0476	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*	*	
	*		*		*							
%XW0477	*	*										
%XW0478	*	*										
%XW0479	*	*										
%XW0480	*	*										
%XW0481	*	*	6	1	10.230.162.251	1	A30000	Input(Discrete)	Bits	Normal		
%XW0482	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*	*	
	*		*		*							
%XW0483	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*	*	
	*		*		*							
%XW0484	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*	*	
	*		*		*							
%XW0485	*	*	*	*	*	*	*	*	*	*		*
	*	*	*		*	*	*		*	*	*	
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-28
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port PN-Updating Time PN-Offset in Channel	IP Address PN-Watchdog Time PN-Size in Channel	Station	Device&Address DCP SET PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment	Station name PN-Sub Slot
%XW0486	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0487	*	*										
%XW0488	*	*										
%XW0489	*	*										
%XW0490	*	*										
%XW0491	*	*										
%XW0492	*	*										
%XW0493	*	*										
%XW0494	*	*										
%XW0495	*	*										
%XW0496	*	*										
%XW0497	*	*										
%XW0498	*	*										
%XW0499	*	*										
%XW0500	*	*										
%XW0501	*	*										
%XW0502	*	*										
%XW0503	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time		DCP SET	PN-Module	PN-slot		PN-SubModule	PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0504	*	*										
%XW0505	*	*										
%XW0506	*	*										
%XW0507	*	*										
%XW0508	*	*										
%XW0509	*	*										
%XW0510	*	*										
%XW0511	*	*	3	1	10.230.162.251	1	A30006	Input(16-Bit Signed)	No	Normal	MEASURE - POWER FACTOR	
%XW0512	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%XW0513	*	*	*	*	*	*	*	*	*	*	MEASURE - POWER FACTOR	*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%XW0514	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%XW0515	*	*	14	1	10.230.162.251	1	A30009	Input(16-Bit Unsigned)	No	Normal	MEASURE - CURRENT (average)	
%XW0516	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%XW0517	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%XW0518	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%XW0519	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%XW0520	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							
%XW0521	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*	*	*	*		*
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-30
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time		PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot
	PN-Data		PN-Offset in Channel		PN-Size in Channel							
%XW0522	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0523	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0524	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L1-L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0525	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L2-L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0526	*	*	*	*	*	*	*	*	*	*	MEASURE - VOLTAGE "L3-L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0527	*	*	*	*	*	*	*	*	*	*	MEASURE - FREQUENCY	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0528	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT (average)	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0529	*	*	18	1	10.230.162.251	1	A30023	Input(32-Bit Signed)	Words	Normal	MEASURE - APPARENT POWER	
%XW0530	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0531	*	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0532	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0533	*	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0534	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0535	*	*	*	*	*	*	*	*	*	*	MEASURE - APPARENT POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0536	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0537	*	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0538	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							
%XW0539	*	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*	*	*	*	*		*	*		*
	*		*		*							

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-31
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer / Subnet mask / PN-Data	Program Name / Default gateway / PN-Offset in Channel	Size / PN-Updating Time / PN-Size in Channel	Port / PN-Watchdog Time	IP Address / Station	Device&Address / DCP SET	Data Type / PN-Module	Reverse / PN-slot	Scan / PN-SubModule	Service Comment / PN-Sub Slot	Station name
%XW0540	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0541	*	*	*	*	*	*	*	*	*	MEASURE - APPARENT POWER	*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0542	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0543	*	*	*	*	*	*	*	*	*	MEASURE - REAL POWER	*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0544	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0545	*	*	*	*	*	*	*	*	*	MEASURE - REACTIVE POWER	*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0546	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0547	*	*	18	1	10.230.162.251	1	A30041	Input(32-Bit Signed)	Words	Normal MEASURE - CURRENT "L1"	
%XW0548	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0549	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0550	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0551	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0552	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0553	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0554	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0555	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0556	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*		*	*		*
	*		*		*						
%XW0557	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*		*	*		*
	*		*		*						

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-32
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size	Port PN-Offset in Channel	IP Address PN-Updating Time	Station PN-Watchdog Time PN-Size in Channel	Device&Address DCP SET PN-Module	Data Type	Reverse PN-slot	Scan PN-SubModule	Service Comment	Station name PN-Sub Slot
%XW0558	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%XW0559	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L1"	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%XW0560	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%XW0561	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L2"	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%XW0562	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%XW0563	*	*	*	*	*	*	*	*	*	*	MEASURE - CURRENT "L3"	*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%XW0564	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%XW0565	*	*										
%XW0566	*	*										
%XW0567	*	*	1	1	10.230.162.251	1	Y00000	Output(Discrete)	Bits	Normal		
%XW0568	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%XW0569	*	*										
%XW0570	*	*										
%XW0571	*	*	1	1	10.230.162.252	1	A34096	Input(16-Bit Signed)	No	Normal		
%XW0572	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%XW0573	*	*	1	1	10.230.162.252	1	Y06144	Output(Discrete)	Bits	Normal		
%XW0574	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*		*	*		*
	*		*			*						
%XW0575	*	*	1	1	10.230.162.252	1	A38192	Input(16-Bit Signed)	No	Normal		

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-33
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer Subnet mask PN-Data	Program Name Default gateway	Size PN-Updating Time PN-Offset in Channel	Port PN-Watchdog Time PN-Size in Channel	IP Address	Station	Device&Address DCP SET	Data Type PN-Module	Reverse PN-slot	Scan PN-SubModule	Service Comment PN-Sub Slot	Station name
%XW0576	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*	*								
%XW0577	*	*	1	1	10.230.162.253	1	A34096	Input(16-Bit Signed)	No	Normal		
%XW0578	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*	*								
%XW0579	*	*	1	1	10.230.162.253	1	Y06144	Output(Discrete)	Bits	Normal		
%XW0580	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*	*								
%XW0581	*	*	1	1	10.230.162.253	1	A38192	Input(16-Bit Signed)	No	Normal		
%XW0582	*	*	*	*	*	*	*	*	*	*		*
	*	*	*	*	*	*	*	*	*	*	*	
	*		*	*								
%XW0583	*	*										
%XW0584	*	*										
%XW0585	*	*										
%XW0586	*	*										
%XW0587	*	*										
%XW0588	*	*										
%XW0589	*	*										
%XW0590	*	*										
%XW0591	*	*										
%XW0592	*	*										
%XW0593	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-34
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%XW0594	*	*										
%XW0595	*	*										
%XW0596	*	*										
%XW0597	*	*										
%XW0598	*	*										
%XW0599	*	*										
%XW0600	*	*										
%XW0601	*	*										
%XW0602	*	*										
%XW0603	*	*										
%XW0604	*	*										
%XW0605	*	*										
%XW0606	*	*										
%XW0607	*	*										
%XW0608	*	*										
%XW0609	*	*										
%XW0610	*	*										
%XW0611	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-35
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%XW0612	*	*										
%XW0613	*	*										
%XW0614	*	*										
%XW0615	*	*										
%XW0616	*	*										
%XW0617	*	*										
%XW0618	*	*										
%XW0619	*	*										
%XW0620	*	*										
%XW0621	*	*										
%XW0622	*	*										
%XW0623	*	*										
%XW0624	*	*										
%XW0625	*	*										
%XW0626	*	*										
%XW0627	*	*										
%XW0628	*	*										
%XW0629	*	*										

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service	Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot		
	PN-Data		PN-Offset in Channel	PN-Size in Channel									
%XW0630	*	*											
%XW0631	*	*											
%XW0632	*	*											
%XW0633	*	*											
%XW0634	*	*											
%XW0635	*	*											
%XW0636	*	*											
%XW0637	*	*											
%XW0638	*	*											
%XW0639	*	*											
%XW0640	*	*											
%XW0641	*	*											
%XW0642	*	*											
%XW0643	*	*											
%XW0644	*	*											
%XW0645	*	*											
%XW0646	*	*											
%XW0647	*	*											

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-37
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%XW0648	*	*										
%XW0649	*	*										
%XW0650	*	*										
%XW0651	*	*										
%XW0652	*	*										
%XW0653	*	*										
%XW0654	*	*										
%XW0655	*	*										
%XW0656	*	*										
%XW0657	*	*										
%XW0658	*	*										
%XW0659	*	*										
%XW0660	*	*										
%XW0661	*	*										
%XW0662	*	*										
%XW0663	*	*										
%XW0664	*	*										
%XW0665	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-38
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%XW0666	*	*										
%XW0667	*	*										
%XW0668	*	*										
%XW0669	*	*										
%XW0670	*	*										
%XW0671	*	*										
%XW0672	*	*										
%XW0673	*	*										
%XW0674	*	*										
%XW0675	*	*										
%XW0676	*	*										
%XW0677	*	*										
%XW0678	*	*										
%XW0679	*	*										
%XW0680	*	*										
%XW0681	*	*										
%XW0682	*	*										
%XW0683	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	CommDataXW.edf	SHEET:		YOKOGAWA	PAGE:3-9-39
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:28:39 AM	COMMENT:			
SECTION:	Expanded Communication I/O	PRINTED DATE:	9/15/2025	DRAWER:			

Element	Buffer	Program Name	Size	Port	IP Address	Station	Device&Address	Data Type	Reverse	Scan	Service Comment	Station name
	Subnet mask	Default gateway	PN-Updating Time	PN-Watchdog Time	DCP SET	PN-Module		PN-slot	PN-SubModule		PN-Sub Slot	
	PN-Data		PN-Offset in Channel	PN-Size in Channel								
%XW0684	*	*										
%XW0685	*	*										
%XW0686	*	*										
%XW0687	*	*										
%XW0688	*	*										
%XW0689	*	*										
%XW0690	*	*										
%XW0691	*	*										
%XW0692	*	*										
%XW0693	*	*										
%XW0694	*	*										
%XW0695	*	*										
%XW0696	*	*										
%XW0697	*	*										
%XW0698	*	*										
%XW0699	*	*										
%XW0700	*	*										

PROJECT:	BLPH-CW1	FILE NAME:	XBTagDef.edf	SHEET:		YOKOGAWA	PAGE:3-10-1
STATION:	FCS0101	SAVED DATE:	7/25/2025 9:58:30 AM	COMMENT:			
SECTION:	Expanded Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

Communication I/O Builder

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0001	%XB000101	87XA-7101	SG200N1 SA FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0002	%XB000102	87XA-7102	SG200N1 LOSS 230VAC AUXV	ALARM,,NORMAL,ALARM	Direct	R	G	4
0003	%XB000103	87XS-7116	SG200N1 FP1 WD PROT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0004	%XB000104	87XA-7103	SG200N1 MOT FEED FLT B3	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0007	%XB000107	87XA-7105	SG200D2 MCBS HEALTY	READY,,N_READY,READY	Reverse	G	R	4
0009	%XB000109	87XA-7104	DP200N1 SA FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0010	%XB000110	87US-7107	DP200N1 N EMER LIGHT AUT	ON,,OFF,ON	Direct	G	R	4
0011	%XB000111	87XA-7108	DP200N1 N EMER LIGHT ACT	ACTVD,,N_ACTVD,ACTVD	Direct	R	G	4
0012	%XB000112	87ZSL-7108	DP200N1 N EMER CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0013	%XB000113	87US-7109	DP20N1 TRACE HEAT ACT	ON,,OFF,ON	Direct	G	R	4
0014	%XB000114	87ZSL-7105	DP20N1 TR HEAT CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0015	%XB000115	87ZSL-7106	DP200N1 MAIN UT CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0017	%XB000201	20ZSL-7202	QF1 CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0018	%XB000202	20ZSH-7202	QF1 OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0019	%XB000203	20XS-7202	QF1 TRIP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0024	%XB000208	20LOC-7302	QF1 SA1 LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0027	%XB000211	70ZSL-7201	AC UPS F&G BYP CLS INSE.	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0028	%XB000212	70ZSH-7201	AC UPS F&G BYP OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0029	%XB000213	70XS-7201	AC UPS F&G BYP TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0030	%XB000214	70XA-7201	AC UPS F&G BYP INT.FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0032	%XB000216	82ZSL-7302	A2/+05 CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0033	%XB000301	82ZSH-7302	A2/+05 OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0034	%XB000302	82XS-7306	A2/+05 TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0035	%XB000303	82AVL-7301	A2/+05 FEED AVAIL	READY,,N_READY,READY	Direct	G	R	4
0036	%XB000304	82XA-7301	A2/+05 INTERNAL FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0039	%XB000307	82LOC-7304	A2/+05 LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0042	%XB000310	87ZSL-7204	TEMP GEN/BAT CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0043	%XB000311	87ZSH-7204	TEMP GEN/BAT CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0044	%XB000312	87XS-7204	TEMP GEN/BAT CB TRIPPED	NORMAL,,TRIP,NORMAL	Direct	R	G	4
0045	%XB000313	87XA-7204	TEMP GEN/BAT INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0046	%XB000314	87AVL-7204	TEMP GEN/BAT AVAILABLE	READY,,N_READY,READY	Direct	G	R	4
0047	%XB000315	87ZSL-7209	AC UPS PAS A CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0048	%XB000316	87ZSH-7209	AC UPS PAS A OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0049	%XB000401	87XS-7209	AC UPS PAS A CB TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0050	%XB000402	87XA-7209	AC UPS PAS A INT.FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0052	%XB000404	82ZSL-7402	A3/+02 CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0053	%XB000405	82ZSH-7402	A3/+02 OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0054	%XB000406	82XS-7406	A3/+02 TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0055	%XB000407	82AVL-7401	A3/+02 FEED AVAIL	READY,,N_READY,READY	Direct	G	R	4
0056	%XB000408	82XA-7401	A3/+02 INTERNAL FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0059	%XB000411	82LOC-7404	A3/+02 SA1 ON LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0062	%XB000414	87ZSL-7201	DB BOP CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0063	%XB000415	87ZSH-7201	DB BOP OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0064	%XB000416	87XS-7201	DB BOP TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0065	%XB000501	87AVL-7201	DB BOP FEED AVAIL	READY,,N_READY,READY	Direct	G	R	4
0066	%XB000502	87XA-7201	DB BOP INTERNAL FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0069	%XB000505	87LOC-7301	DB BOP SA1 ON LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0072	%XB000508	87ZSL-7202	CRANE CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0073	%XB000509	87ZSH-7202	CRANE OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0074	%XB000510	87XS-7202	CRANE TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0075	%XB000511	87AVL-7202	CRANE FEED AVAIL	READY,,N_READY,READY	Direct	G	R	4
0076	%XB000512	87XA-7202	CRANE INTERNAL FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0079	%XB000515	87LOC-7302	CRANE SA1 ON LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0082	%XB000602	82ZSL-7502	A3/+05 CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4

PROJECT:	BLPH-CW1	FILE NAME:	XBTagDef.edf	SHEET:		YOKOGAWA	PAGE:3-10-2
STATION:	FCS0101	SAVED DATE:	7/25/2025 9:58:30 AM	COMMENT:			
SECTION:	Expanded Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0083	%XB000603	82ZSH-7502	A3/+05 OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0084	%XB000604	82XS-7506	A3/+05 TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0085	%XB000605	82AVL-7501	A3/+05 FEED AVAIL	READY,,N_READY,READY	Direct	G	R	4
0086	%XB000606	82XA-7501	A3/+05 INTERNAL FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0089	%XB000609	82LOC-7504	A3/+05 SA1 ON LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0091	%XB000611	50ZSL-7201	WTP CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0092	%XB000612	50ZSH-7201	WTP OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0093	%XB000613	50XS-7201	WTP TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0094	%XB000614	50AVL-7201	WTP FEED AVAIL	READY,,N_READY,READY	Direct	G	R	4
0095	%XB000615	50XA-7201	WTP INTERNAL FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0096	%XB000616	50LOC-7301	WTP SA1 ON LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0101	%XB001101	20XS-7117	QF1 PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0102	%XB001102	20XS-7118	QF1 PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0103	%XB001103	20XS-7119	QF1 PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0104	%XB001104	20XS-7120	QF1 PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0105	%XB001201	20ZSL-7103	QF1 - CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0106	%XB001202	20US-7101	QF1 - CONNECTED	ON,,OFF,ON	Direct	G	R	4
0107	%XB001203	20TST-7101	QF1 - TEST	ON,,OFF,ON	Direct	G	R	4
0108	%XB001207	20ZSH-7103	QF1 - OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0109	%XB001216	20XS-7121	QF1 - TRIP UNIT DISCON	TRIP,,NORMAL,TRIP	Direct	R	G	4
0110	%XB001301	82XS-7301	A2/+05 TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0111	%XB001302	82XS-7302	A2/+05 TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0112	%XB001303	82XS-7303	A2/+05 TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0113	%XB001304	82XS-7304	A2/+05 TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0114	%XB001401	82ZSL-7301	A2/+05 CLOSE	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0115	%XB001407	82ZSH-7301	A2/+05 OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0116	%XB001416	82XS-7305	A2/+05 DISCON	TRIP,,NORMAL,TRIP	Direct	R	G	4
0117	%XB001501	82XS-7401	A3/+02 TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0118	%XB001502	82XS-7402	A3/+02 TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0119	%XB001503	82XS-7403	A3/+02 TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0120	%XB001504	82XS-7404	A3/+02 TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0121	%XB001601	82ZSL-7401	A3/+02 CLOSE	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0122	%XB001607	82ZSH-7401	A3/+02 OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0123	%XB001616	82XS-7405	A3/+02 DISCON	TRIP,,NORMAL,TRIP	Direct	R	G	4
0124	%XB001701	87XS-7101	DB BOP TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0125	%XB001702	87XS-7102	DB BOP TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0126	%XB001703	87XS-7103	DB BOP TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0127	%XB001704	87XS-7104	DB BOP TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0128	%XB001801	87ZSL-7101	DB BOP CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0129	%XB001807	87ZSH-7101	DB BOP OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0130	%XB001816	87XS-7105	DB BOP TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	G	4
0131	%XB001901	87XS-7106	CRANE TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0132	%XB001902	87XS-7107	CRANE TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0133	%XB001903	87XS-7108	CRANE TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0134	%XB001904	87XS-7109	CRANE TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0135	%XB002001	87ZSL-7102	CRANE CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0136	%XB002007	87ZSH-7102	CRANE OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0137	%XB002016	87XS-7110	CRANE TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	G	4
0138	%XB002101	82XS-7501	A3/+05 TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0139	%XB002102	82XS-7502	A3/+05 TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0140	%XB002103	82XS-7503	A3/+05 TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0141	%XB002104	82XS-7504	A3/+05 TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0142	%XB002201	82ZSL-7501	A3/+05 CLOSE	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0143	%XB002207	82ZSH-7501	A3/+05 OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0144	%XB002216	82XS-7505	A3/+05 DISCON	TRIP,,NORMAL,TRIP	Direct	R	G	4
0145	%XB002301	50XS-7101	WTP TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4

PROJECT:	BLPH-CW1	FILE NAME:	XBTagDef.edf	SHEET:		YOKOGAWA	PAGE:3-10-3
STATION:	FCS0101	SAVED DATE:	7/25/2025 9:58:30 AM	COMMENT:			
SECTION:	Expanded Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0146	%XB002302	50XS-7102	WTP TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0147	%XB002303	50XS-7103	WTP TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0148	%XB002304	50XS-7104	WTP TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0149	%XB002401	50ZSL-7101	WTP CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0150	%XB002407	50ZSH-7101	WTP OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0151	%XB002416	50XS-7105	WTP TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	G	4
0155	%XB016901	82CLC-7301	A2/+05 CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0156	%XB016902	82OPC-7301	A2/+05 OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0157	%XB016903	82CLC-7401	A3/+02 CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0158	%XB016904	82OPC-7401	A3/+02 OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0159	%XB016905	87CLC-7201	DP BOP CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0160	%XB016906	87OPC-7201	DP BOP OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0161	%XB016907	87CLC-7202	CRANE CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0162	%XB016908	87OPC-7202	CRANE OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0163	%XB016909	82CLC-7501	A3/+05 CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0164	%XB016910	82OPC-7501	A3/+05 OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0165	%XB016911	50CLC-7201	WTP CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0166	%XB016912	50OPC-7201	WTP OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0167	%XB016913			ON,,OFF,ON	Direct	R	R	4
0168	%XB016914			ON,,OFF,ON	Direct	R	R	4
0169	%XB016915			ON,,OFF,ON	Direct	R	R	4
0170	%XB016916			ON,,OFF,ON	Direct	R	R	4
0181	%XB018101	87ZSL-7205	AC UPS PAS LN B CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0182	%XB018102	87ZSH-7205	AC UPS PAS LN B CB OP	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0183	%XB018103	87XS-7205	AC UPS PAS LN B CB TRIP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0184	%XB018104	87XA-7205	AC UPS PAS LN B CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0186	%XB018106	77ZSL-7201	HVAC PNL HV CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0187	%XB018107	77ZSH-7201	HVAC PNL HV CB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0188	%XB018108	77XS-7201	HVAC PNL HV TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0189	%XB018109	77AVL-7201	HVAC PNL HV FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0190	%XB018110	77XA-7201	HVAC PNL HV INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0193	%XB018113	77LOC-7201	HVAC PNL HV SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0196	%XB018116	80ZSL-7201	FC AUX LDCB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0197	%XB018201	80ZSH-7201	FC AUX LDCB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0198	%XB018202	80XS-7206	FC AUX LDTRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0199	%XB018203	80AVL-7201	FC AUX LDFDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0200	%XB018204	80XA-7201	FC AUX LDINTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0203	%XB018207	80LOC-7301	FC AUX LD SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0206	%XB018210	85ZSL-7201	BESS PCS CAB CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0207	%XB018211	85ZSH-7201	BESS PCS CAB CB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0208	%XB018212	85XS-7201	BESS PCS CAB TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0209	%XB018213	85AVL-7201	BESS PCS CAB FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0210	%XB018214	85XA-7201	BESS PCS CAB INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0211	%XB018215			ON,,OFF,ON	Reverse	G	R	4
0212	%XB018216			ON,,OFF,ON	Reverse	G	R	4
0213	%XB018301	85LOC-7301	BESS PCS CAB SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0214	%XB018302			ON,,OFF,ON	Reverse	G	R	4
0215	%XB018303			ON,,OFF,ON	Reverse	G	R	4
0216	%XB018304	82ZSL-7602	SP A4/+05 CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0217	%XB018305	82ZSH-7602	SP A4/+05 CB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0218	%XB018306	82XS-7606	SP A4/+05 TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0219	%XB018307	82AVL-7601	SP A4/+05 FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0220	%XB018308	82XA-7601	SP A4/+05 INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0221	%XB018309			ON,,OFF,ON	Reverse	G	R	4
0222	%XB018310			ON,,OFF,ON	Reverse	G	R	4
0223	%XB018311	82LOC-7604	SP A4/+05 SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4

PROJECT:	BLPH-CW1	FILE NAME:	XBTagDef.edf	SHEET:		YOKOGAWA	PAGE:3-10-4
STATION:	FCS0101	SAVED DATE:	7/25/2025 9:58:30 AM	COMMENT:			
SECTION:	Expanded Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0224	%XB018312			ON,,OFF,ON	Reverse	G	R	4
0225	%XB018313			ON,,OFF,ON	Reverse	G	R	4
0226	%XB018314	82ZSL-7702	SP A4/+06 CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0227	%XB018315	82ZSH-7702	SP A4/+06 CB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0228	%XB018316	82XS-7706	SP A4/+06 TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0229	%XB018401	82AVL-7701	SP A4/+06 FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0230	%XB018402	82XA-7701	SP A4/+06 INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0231	%XB018403			ON,,OFF,ON	Reverse	G	R	4
0232	%XB018404			ON,,OFF,ON	Reverse	G	R	4
0233	%XB018405	82LOC-7704	SP A4/+06 SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0234	%XB018406			ON,,OFF,ON	Reverse	G	R	4
0235	%XB018407			ON,,OFF,ON	Reverse	G	R	4
0236	%XB018408	63ZSL-7201	IA 01A CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0237	%XB018409	63ZSH-7201	IA 01A CB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0238	%XB018410	63XS-7201	IA 01A TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0239	%XB018411	63AVL-7201	IA 01A FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0240	%XB018412	63XA-7201	IA 01A INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0241	%XB018413			ON,,OFF,ON	Reverse	G	R	4
0242	%XB018414			ON,,OFF,ON	Reverse	G	R	4
0243	%XB018415	63LOC-7301	IA 01A SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0244	%XB018416			ON,,OFF,ON	Reverse	G	R	4
0245	%XB018501			ON,,OFF,ON	Reverse	G	R	4
0246	%XB018502	82ZSL-7802	SP A5/+01 CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0247	%XB018503	82ZSH-7802	SP A5/+01 CB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0248	%XB018504	82XS-7806	SP A5/+01 TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0249	%XB018505	82AVL-7801	SP A5/+01 FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0250	%XB018506	82XA-7801	SP A5/+01 INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0251	%XB018507			ON,,OFF,ON	Reverse	G	R	4
0252	%XB018508			ON,,OFF,ON	Reverse	G	R	4
0253	%XB018509	82LOC-7804	SP A5/+01 SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0254	%XB018510			ON,,OFF,ON	Reverse	G	R	4
0255	%XB018511			ON,,OFF,ON	Reverse	G	R	4
0256	%XB018512	77ZSL-7202	HVAC LV RM CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0257	%XB018513	77ZSH-7202	HVAC LV RM CB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0258	%XB018514	77XS-7202	HVAC LV RM TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0259	%XB018515	77AVL-7202	HVAC LV RM FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0260	%XB018516	77XA-7202	HVAC LV RM INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0261	%XB018601			ON,,OFF,ON	Reverse	G	R	4
0262	%XB018602			ON,,OFF,ON	Reverse	G	R	4
0263	%XB018603	77LOC-7302	HVAC LV RM SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0264	%XB018604			ON,,OFF,ON	Reverse	G	R	4
0265	%XB018605			ON,,OFF,ON	Reverse	G	R	4
0266	%XB018606	77ZSL-7203	HVAC UPS RM CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	R	GR	4
0267	%XB018607	77ZSH-7203	HVAC UPS RM CB OPN	OPENED,,N_OPENED,OPENED	Reverse	G	GR	4
0268	%XB018608	77XS-7203	HVAC UPS RM TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0269	%XB018609	77AVL-7203	HVAC UPS RM FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0270	%XB018610	77XA-7203	HVAC UPS RM INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0271	%XB018611			ON,,OFF,ON	Reverse	G	R	4
0272	%XB018612			ON,,OFF,ON	Reverse	G	R	4
0273	%XB018613	77LOC-7303	HVAC UPS RM SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0274	%XB018614			ON,,OFF,ON	Reverse	G	R	4
0275	%XB018615			ON,,OFF,ON	Reverse	G	R	4
0276	%XB018616	77ZSL-7204	HVAC ITER CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0277	%XB018701	77ZSH-7204	HVAC ITER CB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0278	%XB018702	77XS-7204	HVAC ITER TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0279	%XB018703	77AVL-7204	HVAC ITER FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	XBTagDef.edf	SHEET:		YOKOGAWA	PAGE:3-10-5
STATION:	FCS0101	SAVED DATE:	7/25/2025 9:58:30 AM	COMMENT:			
SECTION:	Expanded Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0280	%XB018704	77XA-7204	HVAC ITER INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0281	%XB018705			ON,,OFF,ON	Reverse	G	R	4
0282	%XB018706			ON,,OFF,ON	Reverse	G	R	4
0283	%XB018707	77LOC-7304	HVAC ITER SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0284	%XB018708			ON,,OFF,ON	Reverse	G	R	4
0285	%XB018709			ON,,OFF,ON	Reverse	G	R	4
0286	%XB018710	87ZSL-7203	ICCP CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0287	%XB018711	87ZSH-7203	ICCP CB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0288	%XB018712	87XS-7203	ICCP TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0289	%XB018713	87AVL-7203	ICCP FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0290	%XB018714	87XA-7203	ICCP INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0291	%XB018715			ON,,OFF,ON	Reverse	G	R	4
0292	%XB018716			ON,,OFF,ON	Reverse	G	R	4
0293	%XB018801	87LOC-7303	ICCP SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0294	%XB018802			ON,,OFF,ON	Reverse	G	R	4
0295	%XB018803			ON,,OFF,ON	Reverse	G	R	4
0296	%XB018804	82ZSL-7902	SP A5/+06 CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0297	%XB018805	82ZSH-7902	SP A5/+06 CB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0298	%XB018806	82XS-7906	SP A5/+06 TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0299	%XB018807	82AVL-7901	SP A5/+06 FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0300	%XB018808	82XA-7901	SP A5/+06 INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0301	%XB018809			ON,,OFF,ON	Reverse	G	R	4
0302	%XB018810	82LOC-7904	SP A5/+06 SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0303	%XB018811	63ZSL-7202	IA 01B CB CLS	CLOSED,,N_CLOSED,CLOSED	Reverse	G	GR	4
0304	%XB018812	63ZSH-7202	IA 01B CB OPN	OPENED,,N_OPENED,OPENED	Reverse	R	GR	4
0305	%XB018813	63XS-7202	IA 01B TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0306	%XB018814	63AVL-7202	IA 01B FDR AVAIL	ON,,OFF,ON	Reverse	G	R	4
0307	%XB018815	63XA-7202	IA 01B INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0308	%XB018816	63LOC-7302	IA 01B SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0317	%XB019101	77XS-7101	HVAC PNL HV PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0318	%XB019102	77XS-7102	HVAC PNL HV PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0319	%XB019103	77XS-7103	HVAC PNL HV PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0320	%XB019104	77XS-7104	HVAC PNL HV PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0321	%XB019201	77ZSL-7101	HVAC PNL HV CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0322	%XB019207	77ZSH-7101	HVAC PNL HV OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0323	%XB019216	77XS-7105	HVAC PNL HV TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0324	%XB019301	80XS-7101	FC AUX LD PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0325	%XB019302	80XS-7102	FC AUX LD PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0326	%XB019303	80XS-7103	FC AUX LD PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0327	%XB019304	80XS-7104	FC AUX LD PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0328	%XB019401	80ZSL-7101	FC AUX LD CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0329	%XB019407	80ZSH-7101	FC AUX LD OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0330	%XB019416	80XS-7105	FC AUX LD TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0331	%XB019501	85XS-7101	BESS PCS HV PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0332	%XB019502	85XS-7102	BESS PCS HV PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0333	%XB019503	85XS-7103	BESS PCS HV PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0334	%XB019504	85XS-7104	BESS PCS HV PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0335	%XB019601	85ZSL-7101	BESS PCS HV CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0336	%XB019607	85ZSH-7101	BESS PCS HV OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0337	%XB019616	85XS-7105	BESS PCS HV TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0338	%XB019701	82XS-7601	A4/+05 PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0339	%XB019702	82XS-7602	A4/+05 PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0340	%XB019703	82XS-7603	A4/+05 PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0341	%XB019704	82XS-7604	A4/+05 PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0342	%XB019801	82ZSL-7601	A4/+05 CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0343	%XB019807	82ZSH-7601	A4/+05 OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4

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STATION:	FCS0101	SAVED DATE:	7/25/2025 9:58:30 AM	COMMENT:			
SECTION:	Expanded Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0344	%XB019816	82XS-7605	A4/+05 TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0345	%XB019901	82XS-7701	A4/+06 PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0346	%XB019902	82XS-7702	A4/+06 PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0347	%XB019903	82XS-7703	A4/+06 PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0348	%XB019904	82XS-7704	A4/+06 PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0349	%XB020001	82ZSL-7701	A4/+06 CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0350	%XB020007	82ZSH-7701	A4/+06 OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0351	%XB020016	82XS-7705	A4/+06 TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0352	%XB020101	63XS-7101	IA 01A PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0353	%XB020102	63XS-7102	IA 01A PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0354	%XB020103	63XS-7103	IA 01A PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0355	%XB020104	63XS-7104	IA 01A PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0356	%XB020201	63ZSL-7101	IA 01A CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0357	%XB020207	63ZSH-7101	IA 01A OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0358	%XB020216	63XS-7105	IA 01A TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0359	%XB020301	82XS-7801	A5/+01 PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0360	%XB020302	82XS-7802	A5/+01 PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0361	%XB020303	82XS-7803	A5/+01 PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0362	%XB020304	82XS-7804	A5/+01 PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0363	%XB020401	82ZSL-7801	A5/+01 CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0364	%XB020407	82ZSH-7801	A5/+01 OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0365	%XB020416	82XS-7805	A5/+01 TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0366	%XB020501	77XS-7106	HVAC LV RM PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0367	%XB020502	77XS-7107	HVAC LV RM PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0368	%XB020503	77XS-7108	HVAC LV RM PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0369	%XB020504	77XS-7109	HVAC LV RM PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0370	%XB020601	77ZSL-7102	HVAC LV RM CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0371	%XB020607	77ZSH-7102	HVAC LV RM OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0372	%XB020616	77XS-7110	HVAC LV RM TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0373	%XB020701	77XS-7111	HVAC UPS RM PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0374	%XB020702	77XS-7112	HVAC UPS RM PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0375	%XB020703	77XS-7113	HVAC UPS RM PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0376	%XB020704	77XS-7114	HVAC UPS RM PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0377	%XB020801	77ZSL-7103	HVAC UPS RM CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0378	%XB020807	77ZSH-7103	HVAC UPS RM OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0379	%XB020816	77XS-7115	HVAC UPS RM TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0380	%XB020901	77XS-7116	HVAC ITER PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0381	%XB020902	77XS-7117	HVAC ITER PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0382	%XB020903	77XS-7118	HVAC ITER PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0383	%XB020904	77XS-7119	HVAC ITER PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0384	%XB021001	77ZSL-7104	HVAC ITER CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0385	%XB021007	77ZSH-7104	HVAC ITER OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0386	%XB021016	77XS-7120	HVAC ITER TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0387	%XB021101	87XS-7111	ICCP PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0388	%XB021102	87XS-7112	ICCP PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0389	%XB021103	87XS-7113	ICCP PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0390	%XB021104	87XS-7114	ICCP PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0391	%XB021201	87ZSL-7103	ICCP CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0392	%XB021207	87ZSH-7103	ICCP OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0393	%XB021216	87XS-7115	ICCP TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0394	%XB021301	82XS-7901	A5/+06 PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0395	%XB021302	82XS-7902	A5/+06 PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0396	%XB021303	82XS-7903	A5/+06 PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0397	%XB021304	82XS-7904	A5/+06 PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0398	%XB021401	82ZSL-7901	A5/+06 CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0399	%XB021407	82ZSH-7901	A5/+06 OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4

PROJECT:	BLPH-CW1	FILE NAME:	XBTagDef.edf	SHEET:		YOKOGAWA	PAGE:3-10-7
STATION:	FCS0101	SAVED DATE:	7/25/2025 9:58:30 AM	COMMENT:			
SECTION:	Expanded Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0400	%XB021416	82XS-7905	A5/+06 TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0401	%XB021501	63XS-7106	IA 01B PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0402	%XB021502	63XS-7107	IA 01B PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0403	%XB021503	63XS-7108	IA 01B PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0404	%XB021504	63XS-7109	IA 01B PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0405	%XB021601	63ZSL-7102	IA 01B CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0406	%XB021607	63ZSH-7102	IA 01B OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0407	%XB021616	63XS-7110	IA 01B TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0417	%XB045501	77CLC-7201	HVAC PNL HV CLOSE COMM.	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0418	%XB045502	77OPC-7201	HVAC PNL HV OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0419	%XB045503	80CLC-7201	FC AUX LD CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0420	%XB045504	80OPC-7201	FC AUX LD OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0421	%XB045505	85CLC-7201	BESS PCS CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0422	%XB045506	85OPC-7201	BESS PCS OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0423	%XB045507	82CLC-7601	A4/+05 CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0424	%XB045508	82OPC-7601	A4/+05 OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0425	%XB045509	82CLC-7701	A4/+06 CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0426	%XB045510	82OPC-7701	A4/+06 OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0427	%XB045511	63CLC-7201	IA 01A CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0428	%XB045512	63OPC-7201	IA 01A OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0429	%XB045513	82CLC-7801	A5/+01 CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0430	%XB045514	82OPC-7801	A5/+01 OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0431	%XB045515	77CLC-7202	HVAC LV RM CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0432	%XB045516	77OPC-7202	HVAC LV RM OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0433	%XB045601	77CLC-7203	HVAC UPS RM CLOSE COMM.	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0434	%XB045602	77OPC-7203	HVAC UPS RM OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0435	%XB045603	77CLC-7204	HVAC ITER CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0436	%XB045604	77OPC-7204	HVAC ITER OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0437	%XB045605	87CLC-7203	ICCP CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0438	%XB045606	87OPC-7203	ICCP OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0439	%XB045607	82CLC-7901	A5/+06 CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0440	%XB045608	82OPC-7901	A5/+06 OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0441	%XB045609	63CLC-7202	IA 01B CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0442	%XB045610	63OPC-7202	IA 01B OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0443	%XB045611		CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0444	%XB045612		OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0445	%XB045613		CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0446	%XB045614		OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0447	%XB045615		CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0448	%XB045616		OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0460	%XB057113	P50001B-TT	SW PMP B T.TRIP	ON,,OFF,ON	Direct	R	R	4
0461	%XB057115	50XL-002B	SW PMP B LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	G	GR	4
0462	%XB057116	50XL-001B	SW PMP B RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0463	%XB047103	50XA-004B	SW PMP B TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0464	%XB057110	50XL-003B	SW PMP B AVAILABLE	READY,,N_READY,READY	Direct	G	R	4
0465	%XB047105	50XS-001B	SW PMP B ESD ACT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0466	%XB047106	50PA1-001B	SW PMP B STOPPED BY PA1	STOP,,,STOP	Direct	R	GR	4
0467	%XB047107	85ZSL-7202	BESS LV2 CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0468	%XB047108	85ZSH-7202	BESS LV2 OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0469	%XB047109	85XS-7202	BESS LV2 TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0470	%XB047110	85AVL-7202	BESS LV2 FEED AVAIL	READY,,N_READY,READY	Direct	G	R	4
0471	%XB047111	85XA-7202	BESS LV2 INTERNAL FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0472	%XB047112			ON,,OFF,ON	Direct	G	R	4
0473	%XB047113			ON,,OFF,ON	Direct	G	R	4
0474	%XB047114	85LOC-7302	BESS LV2 LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0475	%XB047115			ON,,OFF,ON	Direct	G	R	4

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0476	%XB047116			ON,,OFF,ON	Direct	G	R	4
0477	%XB047201	85ZSL-7203	BESS LV1 CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0478	%XB047202	85ZSH-7203	BESS LV1 OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0479	%XB047203	85XS-7203	BESS LV1 TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0480	%XB047204	85AVL-7203	BESS LV1 FEED AVAIL	READY,,N_READY,READY	Direct	G	R	4
0481	%XB047205	85XA-7203	BESS LV1 INTERNAL FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0482	%XB047206			ON,,OFF,ON	Direct	G	R	4
0483	%XB047207			ON,,OFF,ON	Direct	G	R	4
0484	%XB047208	85LOC-7303	BESS LV1 LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0485	%XB047209			ON,,OFF,ON	Direct	G	R	4
0486	%XB047210			ON,,OFF,ON	Direct	G	R	4
0487	%XB047211	82ZSL-7912	A6/+04 CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0488	%XB047212	82ZSH-7912	A6/+04 OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0489	%XB047213	82XS-7916	A6/+04 TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0490	%XB047214	82AVL-7911	A6/+04 FEED AVAIL	READY,,N_READY,READY	Direct	G	R	4
0491	%XB047215	82XA-7911	A6/+04 INTERNAL FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0492	%XB047216			ON,,OFF,ON	Direct	G	R	4
0493	%XB047301			ON,,OFF,ON	Direct	G	R	4
0494	%XB047302	82LOC-7914	A6/+04 LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	Y	G	4
0495	%XB047303			ON,,OFF,ON	Direct	G	R	4
0496	%XB047304			ON,,OFF,ON	Direct	G	R	4
0497	%XB047305	70ZSL-7202	AC UPS F&G A CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0498	%XB047306	70ZSH-7202	AC UPS F&G A OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0499	%XB047307	70XS-7202	AC UPS F&G A TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0500	%XB047308	70XA-7202	AC UPS F&G A INT.FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0501	%XB047309			ON,,OFF,ON	Direct	G	R	4
0502	%XB047310	70ZSL-7203	AC UPS F&G B CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0503	%XB047311	70ZSH-7203	AC UPS F&G B OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0504	%XB047312	70XS-7203	AC UPS F&G B TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0505	%XB047313	70XA-7203	AC UPS F&G B INT.FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0506	%XB047314			ON,,OFF,ON	Direct	G	R	4
0507	%XB047315	83ZSL-7206	WELD TOP DECK CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0508	%XB047316	83ZSH-7206	WELD TOP DECK OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0509	%XB047401	83XS-7206	WELD TOP DECK TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0510	%XB047402	83XA-7206	WELD TOP DECK INT.FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0511	%XB047403	83ZSL-7208	WELD LOW DECK CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0512	%XB057715	50XL-002A	SW PMP A LOCAL	LOCAL,,REMOTE ,LOCAL	Direct	G	GR	4
0513	%XB057716	50XL-001A	SW PMP A RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
0514	%XB047406	50XA-004A	SW PMP A TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0515	%XB057710	50XL-003A	SW PMP A AVAILABLE	READY,,N_READY,READY	Direct	G	R	4
0516	%XB047408	50XS-001A	SW PMP A ESD ACT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0517	%XB047409	50PA1-001A	SW PMP A STOPPED BY PA1	STOP,,,STOP	Direct	R	GR	4
0518	%XB047410	85ZSL-7207	AC UPS PAS BYP CLS INSER	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0519	%XB047411	85ZSH-7207	AC UPS PAS BYP OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0520	%XB047412	85XS-7207	AC UPS PAS BYP TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0521	%XB047413	85XA-7207	AC UPS PAS BYP INT.FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0522	%XB047414	83ZSH-7208	WELD LOW DECK OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0523	%XB047415	85ZSL-7204	DC BAT FDR A CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0524	%XB047416	85ZSH-7204	DC BAT FDR A OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0525	%XB047501	85XS-7204	DC BAT FDR A TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0526	%XB047502	85XA-7204	DC BAT FDR A INT.FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0527	%XB047503	83XS-7208	WELD LOW DECK TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0528	%XB047504	85ZSL-7205	DC BAT FDR A CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0529	%XB047505	85ZSH-7205	DC BAT FDR B OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0530	%XB047506	85XS-7205	DC BAT FDR B TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0531	%XB047507	85XA-7205	DC BAT FDR B INT.FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	XBTagDef.edf	SHEET:		YOKOGAWA	PAGE:3-10-9
STATION:	FCS0101	SAVED DATE:	7/25/2025 9:58:30 AM	COMMENT:			
SECTION:	Expanded Communication I/O Tag	PRINTED DATE:	9/15/2025	DRAWER:			

No.	Element	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
0532	%XB047508	83XA-7208	WELD LOW DECK INT.FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0533	%XB047509	72ZSL-7201	NAVAID FDR A CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0534	%XB047510	72ZSH-7201	NAVAID FDR A OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0535	%XB047511	72XS-7201	NAVAID FDR A TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0536	%XB047512	72XA-7201	NAVAID FDR A INT.FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0537	%XB047513	72ZSL-7202	NAVAID FDR B CLS INSERT	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0538	%XB047514	72ZSH-7202	NAVAID FDR B OPEN DISC	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0539	%XB047515	72XS-7202	NAVAID FDR B TRIPPED	TRIP,,NORMAL,TRIP	Direct	R	G	4
0540	%XB047516	72XA-7202	NAVAID FDR B INT.FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
0541	%XB057713	P50001A-TT	SW PUMP A TRIP	TRIP,,NORMAL,TRIP	Direct	R	G	4
0551	%XB048101	85XS-7106	BESS LV2 PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0552	%XB048102	85XS-7107	BESS LV2 PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0553	%XB048103	85XS-7108	BESS LV2 PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0554	%XB048104	85XS-7109	BESS LV2 PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0555	%XB048201	85ZSL-7102	BESS LV2 OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0556	%XB048207	85ZSH-7102	BESS LV2 CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0557	%XB048216	85XS-7110	BESS LV2 TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0558	%XB048301	85XS-7111	BESS LV1 PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0559	%XB048302	85XS-7112	BESS LV1 PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0560	%XB048303	85XS-7113	BESS LV1 PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0561	%XB048304	85XS-7114	BESS LV1 PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0562	%XB048401	85ZSL-7103	BESS LV1 OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0563	%XB048407	85ZSH-7103	BESS LV1 CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0564	%XB048416	85XS-7115	BESS LV1 TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0565	%XB048501	82XS-7911	A6/+04 PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	G	4
0566	%XB048502	82XS-7912	A6/+04 PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	G	4
0567	%XB048503	82XS-7913	A6/+04 PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	G	4
0568	%XB048504	82XS-7914	A6/+04 PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	G	4
0569	%XB048601	82ZSL-7911	A6/+04 OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
0570	%XB048607	82ZSH-7911	A6/+04 CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
0571	%XB048616	82XS-7915	A6/+04 TRIP DISC	TRIP,,NORMAL,TRIP	Direct	R	G	4
0581	%XB057301	50HS-001B	SW PMP B CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0582	%XB057302	50HS-005B	SW PMP B OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0583	%XB056703	85CLC-7202	BESS LV2 CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0584	%XB056704	85OPC-7202	BESS LV2 OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0585	%XB056705	85CLC-7203	BESS LV1 CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0586	%XB056706	85OPC-7203	BESS LV1 OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0587	%XB056707	82CLC-7911	A6/+04 CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0588	%XB056708	82OPC-7911	A6/+04 OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0589	%XB057901	50HS-001A	SW PMP A CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0590	%XB057902	50HS-005A	SW PMP A OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0591	%XB056711			N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0592	%XB056712			N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0593	%XB056713			N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0594	%XB056714			N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4
0595	%XB056715			N_CLOSE,,CLOSE,N_CLOSE	Reverse	G	GR	4
0596	%XB056716			N_OPEN,,OPEN,N_OPEN	Reverse	R	GR	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-1
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Common Switch Builder

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0001	A80000STP-SW	A80000 NOT RUNNING	ON,,OFF,ON	Direct	R	R	4
%SW0002	V2501APUR-SW	V25001A PURGE OPERATION	ON,,OFF,ON	Direct	R	R	4
%SW0003	V2501BPUR-SW	V25001B PURGE OPERATION	ON,,OFF,ON	Direct	R	R	4
%SW0004	V2501CPUR-SW	V25001C PURGE OPERATION	ON,,OFF,ON	Direct	R	R	4
%SW0005	V2501DPUR-SW	V25001D PURGE OPERATION	ON,,OFF,ON	Direct	R	R	4
%SW0006	V2501EPUR-SW	V25001E PURGE OPERATION	ON,,OFF,ON	Direct	R	R	4
%SW0007	V2501FPUR-SW	V25001F PURGE OPERATION	ON,,OFF,ON	Direct	R	R	4
%SW0008			ON,,OFF,ON	Direct	R	R	4
%SW0009			ON,,OFF,ON	Direct	R	R	4
%SW0010	V2500-RSIL	RESERCH INTERLOCK	ON,,OFF,ON	Direct	R	R	4
%SW0011			ON,,OFF,ON	Direct	R	G	4
%SW0012	P50001A-IL	PUMP INTERLOCK	NORMAL,,FAULT,NORMAL	Direct	R	G	4
%SW0013	P50001A-IL1	PUMP INTERLOCK B TO STRT	ON,,OFF,ON	Reverse	R	G	4
%SW0014			ON,,OFF,ON	Direct	R	R	4
%SW0015	P50001A-ASTP	PUMP AUTO START PERM	ON,,OFF,ON	Direct	G	R	4
%SW0016	P50001A-ASPP	PUMP AUTO STOP PERM	ON,,OFF,ON	Direct	G	R	4
%SW0017		PUMP A TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW0018		PUMP B TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW0019			ON,,OFF,ON	Direct	R	R	4
%SW0020	P-50001A-SST		ON,,OFF,ON	Direct	R	R	4
%SW0021	P-50001B-SST		ON,,OFF,ON	Direct	R	R	4
%SW0022	P50001A-LDSH	LOAD SHED	ON,,OFF,ON	Reverse	R	G	4
%SW0023	P50001B-LDSH	LOAD SHED	ON,,OFF,ON	Direct	R	G	4
%SW0024	P50001B-IL	PUMP INTERLOCK	NORMAL,,FAULT,NORMAL	Reverse	R	G	4
%SW0025	P50001B-IL1	PUMP INTERLOCK A TO STRT	ON,,OFF,ON	Direct	R	R	4
%SW0026	P50001B-ASTP	PUMP AUTO START PERM	ON,,OFF,ON	Direct	G	R	4
%SW0027	P50001B-ASPP	PUMP AUTO STOP PERM	ON,,OFF,ON	Direct	G	R	4
%SW0028			ON,,OFF,ON	Direct	R	R	4
%SW0029			ON,,OFF,ON	Direct	R	R	4
%SW0030			ON,,OFF,ON	Direct	R	R	4
%SW0031	P50001A-AST	PUMP A AUT START ON	ON,,OFF,ON	Direct	G	R	4
%SW0032	P50001A-ASP	PUMP A AUT START OFF	ON,,OFF,ON	Direct	R	R	4
%SW0033	P50001A-HSP	PR HI SET POINT	ON,,OFF,ON	Direct	R	R	4
%SW0034	P50001A-LSP	PR LO SET POINT	ON,,OFF,ON	Direct	R	R	4
%SW0035	P50001A-RST	P-500001A TRIP RESET	RESET,,-,RESET	Direct	G	GR	4
%SW0036	P50001B-AST	PUMP B AUT START ON	ON,,OFF,ON	Direct	G	R	4
%SW0037	P50001B-ASP	PUMP B AUT START OFF	ON,,OFF,ON	Direct	R	R	4
%SW0038	P50001B-HSP	PR HI SET POINT	ON,,OFF,ON	Direct	R	R	4
%SW0039	P50001B-LSP	PR LO SET POINT	ON,,OFF,ON	Direct	R	R	4
%SW0040	P50001B-RST	P-500001B TRIP RESET	RESET,,-,RESET	Direct	G	GR	4
%SW0041	P50001A-TR	50XA-004A SET INTERNAL	ON,,OFF,ON	Direct	R	R	4
%SW0042	P50001B-TR	50XA-004A SET INTERNAL	ON,,OFF,ON	Direct	R	R	4
%SW0043			ON,,OFF,ON	Direct	R	R	4
%SW0044			ON,,OFF,ON	Direct	R	R	4
%SW0045			ON,,OFF,ON	Direct	R	R	4
%SW0046			ON,,OFF,ON	Direct	R	R	4
%SW0047	P50001A-GR1	NO PMP RUN DISC VLV CLS	ON,,OFF,ON	Direct	R	R	4
%SW0048	P50001A-GR2	NPMP RUN DISC VLV CLS	ON,,OFF,ON	Direct	R	R	4
%SW0049	P50001A-GR3	NOT RDY RUNING	ON,,OFF,ON	Direct	R	R	4
%SW0050	P50001A-GR4	PMP RUN DISC PR LOW	ON,,OFF,ON	Direct	R	R	4
%SW0051	P50001B-GR1	NO PMP RUN DISC VLV CLS	ON,,OFF,ON	Direct	R	R	4
%SW0052	P50001B-GR2	NPMP RUN DISC VLV CLS	ON,,OFF,ON	Direct	R	R	4
%SW0053	P50001B-GR3	NOT RDY RUNING	ON,,OFF,ON	Direct	R	R	4
%SW0054	P50001B-GR4	PMP RUN DISC PR LOW	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-2
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0055	P50001A-GR5	SW PMP A PA1 LOC STOP	ON,,OFF,ON	Direct	R	R	4
%SW0056	P50001B-GR5	SW PMP B PA1 LOC STOP	ON,,OFF,ON	Direct	R	R	4
%SW0057	P50001A-GR6	SWP-A STP DISC VLVS MAN	ON,,OFF,ON	Direct	R	R	4
%SW0058	P50001B-GR6	SWP-B STP DISC VLVS MAN	ON,,OFF,ON	Direct	R	R	4
%SW0059	50XV-002ATMST	START OP TIMER FOR A	ON,,OFF,ON	Direct	R	R	4
%SW0060	50XV-004BTMST	START OP TIMER FOR B	ON,,OFF,ON	Direct	R	R	4
%SW0061	50XV-002ATMSP	START CL TIMER FOR A	ON,,OFF,ON	Direct	R	R	4
%SW0062	50XV-004BTMSP	START CL TIMER FOR B	ON,,OFF,ON	Direct	R	R	4
%SW0063	P50001A-GR7	SWP-A SOFT INTERLOCK	ON,,OFF,ON	Direct	R	R	4
%SW0064	P50001B-GR7	SWP-B SOFT INTERLOCK	ON,,OFF,ON	Direct	R	R	4
%SW0065			ON,,OFF,ON	Direct	R	R	4
%SW0066			ON,,OFF,ON	Direct	R	R	4
%SW0067	87DB200N1-IL	DB BOP INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0068	50A50000-IL	WTP CB INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0069	77B100HSB001-IL	HVAC PNL HV INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0070	80A80000-IL	FC AUX LDCB DB INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0071	63K63001A-IL	IA 01A CB INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0072	85CP850F03-IL	BESS PCS CAB CB IL	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0073	77B200HSB001-IL	HVAC LV RM CB INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0074	77B300HSB001-IL	HVAC UPS RM INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0075	77B400HSB001-IL	HVAC ITER CB INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0076	87CN200N1-IL	ICCP CB INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0077	63K63001B-IL	IA 01B CB INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0078	85CP850E1-IL	BESS LV1 CB INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0079	85CP850E2-IL	BESS LV2 CB INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0080	87JB200E2-IL	CRANE CB INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0081			ON,,OFF,ON	Direct	R	R	4
%SW0082			ON,,OFF,ON	Direct	R	R	4
%SW0083		FC PKG START PERMISSIVE	ON,,OFF,ON	Direct	R	R	4
%SW0084			ON,,OFF,ON	Direct	R	R	4
%SW0085	LDSD1CMD	LOADSHEDING-1 COMMAND	ON,,OFF,ON	Direct	R	R	4
%SW0086	LDSD2CMD	LOADSHEDING-2 COMMAND	ON,,OFF,ON	Direct	R	R	4
%SW0087	FCPKGSTRT	FUEL CELL PKG START CMD	ON,,OFF,ON	Direct	R	R	4
%SW0088			ON,,OFF,ON	Direct	R	R	4
%SW0089	87ST-002PM	ELECTRLZR STRT REQ	ON,,OFF,ON	Direct	R	R	4
%SW0090	87MODESTS01	MODE SEL IDLE	ON,,OFF,ON	Direct	R	R	4
%SW0091	87MODESTS02	MODE SEL IMPORT	ON,,OFF,ON	Direct	R	R	4
%SW0092	87MODESTS03	MODE SEL IMPORT	ON,,OFF,ON	Direct	R	R	4
%SW0093	85UP200F102-IL	DC BAT FDR B	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0094	85UP200F101-IL	DC BAT FDR A	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0095	72UP200F201-IL	NAVAID FDR A	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0096	72UP200F202-IL	NAVAID FDR B	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0097			ON,,OFF,ON	Direct	R	R	4
%SW0098			ON,,OFF,ON	Direct	R	R	4
%SW0099			ON,,OFF,ON	Direct	R	R	4
%SW0100	85UP200F303-IL	AC UPS PAS BYPASS	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0101	70UP200F401-IL	AC UPS F&G BYP IL	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0102	87JB200E3-IL	CRANE IL	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0103	87UP200F301-IL	AC UPA PAS LN A IL	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0104	87UP200F302-IL	AC UPA PAS LN B IL	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0105	70UP200F402-IL	AC UPS F&G LN A 8HR IL	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0106	70UP200F403-IL	AC UPS F&G LN B 8HR IL	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0107	83ESW200N1-IL	WELD TOP DECK IL	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0108	83ESW200N2-IL	WELD LW DECK IL	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0109	20A20000-IL	ELEC AUX LOAD IL	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0110			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-3
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0111	20AVL-7201	(DYUMMY)TO MATCH TYPICAL	ON,,OFF,ON	Direct	R	R	4
%SW0112			ON,,OFF,ON	Direct	R	R	4
%SW0113	25ZSLSTS01	All H2 INLETVLV CLS	ON,,OFF,ON	Direct	R	R	4
%SW0114			ON,,OFF,ON	Direct	R	R	4
%SW0115	25PIALM-RST01	ALARM SUPP RESET	ON,,OFF,ON	Direct	R	R	4
%SW0116	25PI035-SW01	ALARM SUPP ON	ON,,OFF,ON	Direct	R	R	4
%SW0117	25PI037-SW01	ALARM SUPP ON	ON,,OFF,ON	Direct	R	R	4
%SW0118	25PI040-SW01	ALARM SUPP ON	ON,,OFF,ON	Direct	R	R	4
%SW0119	25PI043-SW01	ALARM SUPP ON	ON,,OFF,ON	Direct	R	R	4
%SW0120	25PI046-SW01	ALARM SUPP ON	ON,,OFF,ON	Direct	R	R	4
%SW0121	25PI049-SW01	ALARM SUPP ON	ON,,OFF,ON	Direct	R	R	4
%SW0122			ON,,OFF,ON	Direct	R	R	4
%SW0123			ON,,OFF,ON	Direct	R	R	4
%SW0124			ON,,OFF,ON	Direct	R	R	4
%SW0125	A205-IL	A2/+05 SPARE INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0126	A302-IL	A3/+02 SPARE INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0127	A305-IL	A3/+05 SPARE INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0128	A405-IL	A4/+05 SPARE INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0129	A406-IL	A4/+06 SPARE INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0130	A501-IL	A5/+01 SPARE INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0131	A506-IL	A5/+06 SPARE INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0132	A604-IL	A6/+04 SPARE INTERLOCK	LOCK,,N_LOCK,LOCK	Direct	R	G	4
%SW0133			ON,,OFF,ON	Direct	R	R	4
%SW0134			ON,,OFF,ON	Direct	R	R	4
%SW0135			ON,,OFF,ON	Direct	R	R	4
%SW0136			ON,,OFF,ON	Direct	R	R	4
%SW0137			ON,,OFF,ON	Direct	R	R	4
%SW0138			ON,,OFF,ON	Direct	R	R	4
%SW0139			ON,,OFF,ON	Direct	R	R	4
%SW0140			ON,,OFF,ON	Direct	R	R	4
%SW0141			ON,,OFF,ON	Direct	R	R	4
%SW0142			ON,,OFF,ON	Direct	R	R	4
%SW0143			ON,,OFF,ON	Direct	R	R	4
%SW0144			ON,,OFF,ON	Direct	R	R	4
%SW0145			ON,,OFF,ON	Direct	R	R	4
%SW0146			ON,,OFF,ON	Direct	R	R	4
%SW0147			ON,,OFF,ON	Direct	R	R	4
%SW0148			ON,,OFF,ON	Direct	R	R	4
%SW0149			ON,,OFF,ON	Direct	R	R	4
%SW0150			ON,,OFF,ON	Direct	R	R	4
%SW0151			ON,,OFF,ON	Direct	R	R	4
%SW0152			ON,,OFF,ON	Direct	R	R	4
%SW0153			ON,,OFF,ON	Direct	R	R	4
%SW0154			ON,,OFF,ON	Direct	R	R	4
%SW0155			ON,,OFF,ON	Direct	R	R	4
%SW0156			ON,,OFF,ON	Direct	R	R	4
%SW0157			ON,,OFF,ON	Direct	R	R	4
%SW0158			ON,,OFF,ON	Direct	R	R	4
%SW0159			ON,,OFF,ON	Direct	R	R	4
%SW0160			ON,,OFF,ON	Direct	R	R	4
%SW0161			ON,,OFF,ON	Direct	R	R	4
%SW0162			ON,,OFF,ON	Direct	R	R	4
%SW0163			ON,,OFF,ON	Direct	R	R	4
%SW0164			ON,,OFF,ON	Direct	R	R	4
%SW0165			ON,,OFF,ON	Direct	R	R	4
%SW0166			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-4
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0167			ON,,OFF,ON	Direct	R	R	4
%SW0168			ON,,OFF,ON	Direct	R	R	4
%SW0169			ON,,OFF,ON	Direct	R	R	4
%SW0170			ON,,OFF,ON	Direct	R	R	4
%SW0171			ON,,OFF,ON	Direct	R	R	4
%SW0172			ON,,OFF,ON	Direct	R	R	4
%SW0173			ON,,OFF,ON	Direct	R	R	4
%SW0174			ON,,OFF,ON	Direct	R	R	4
%SW0175			ON,,OFF,ON	Direct	R	R	4
%SW0176			ON,,OFF,ON	Direct	R	R	4
%SW0177			ON,,OFF,ON	Direct	R	R	4
%SW0178			ON,,OFF,ON	Direct	R	R	4
%SW0179			ON,,OFF,ON	Direct	R	R	4
%SW0180			ON,,OFF,ON	Direct	R	R	4
%SW0181			ON,,OFF,ON	Direct	R	R	4
%SW0182			ON,,OFF,ON	Direct	R	R	4
%SW0183			ON,,OFF,ON	Direct	R	R	4
%SW0184			ON,,OFF,ON	Direct	R	R	4
%SW0185			ON,,OFF,ON	Direct	R	R	4
%SW0186			ON,,OFF,ON	Direct	R	R	4
%SW0187			ON,,OFF,ON	Direct	R	R	4
%SW0188			ON,,OFF,ON	Direct	R	R	4
%SW0189			ON,,OFF,ON	Direct	R	R	4
%SW0190			ON,,OFF,ON	Direct	R	R	4
%SW0191			ON,,OFF,ON	Direct	R	R	4
%SW0192			ON,,OFF,ON	Direct	R	R	4
%SW0193			ON,,OFF,ON	Direct	R	R	4
%SW0194			ON,,OFF,ON	Direct	R	R	4
%SW0195			ON,,OFF,ON	Direct	R	R	4
%SW0196			ON,,OFF,ON	Direct	R	R	4
%SW0197			ON,,OFF,ON	Direct	R	R	4
%SW0198			ON,,OFF,ON	Direct	R	R	4
%SW0199			ON,,OFF,ON	Direct	R	R	4
%SW0200			ON,,OFF,ON	Direct	R	R	4
%SW0201			ON,,OFF,ON	Direct	R	R	4
%SW0202			ON,,OFF,ON	Direct	R	R	4
%SW0203			ON,,OFF,ON	Direct	R	R	4
%SW0204			ON,,OFF,ON	Direct	R	R	4
%SW0205			ON,,OFF,ON	Direct	R	R	4
%SW0206			ON,,OFF,ON	Direct	R	R	4
%SW0207			ON,,OFF,ON	Direct	R	R	4
%SW0208			ON,,OFF,ON	Direct	R	R	4
%SW0209			ON,,OFF,ON	Direct	R	R	4
%SW0210			ON,,OFF,ON	Direct	R	R	4
%SW0211			ON,,OFF,ON	Direct	R	R	4
%SW0212			ON,,OFF,ON	Direct	R	R	4
%SW0213			ON,,OFF,ON	Direct	R	R	4
%SW0214			ON,,OFF,ON	Direct	R	R	4
%SW0215			ON,,OFF,ON	Direct	R	R	4
%SW0216			ON,,OFF,ON	Direct	R	R	4
%SW0217			ON,,OFF,ON	Direct	R	R	4
%SW0218			ON,,OFF,ON	Direct	R	R	4
%SW0219			ON,,OFF,ON	Direct	R	R	4
%SW0220			ON,,OFF,ON	Direct	R	R	4
%SW0221			ON,,OFF,ON	Direct	R	R	4
%SW0222			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-5
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0223			ON,,OFF,ON	Direct	R	R	4
%SW0224			ON,,OFF,ON	Direct	R	R	4
%SW0225			ON,,OFF,ON	Direct	R	R	4
%SW0226			ON,,OFF,ON	Direct	R	R	4
%SW0227			ON,,OFF,ON	Direct	R	R	4
%SW0228			ON,,OFF,ON	Direct	R	R	4
%SW0229			ON,,OFF,ON	Direct	R	R	4
%SW0230			ON,,OFF,ON	Direct	R	R	4
%SW0231			ON,,OFF,ON	Direct	R	R	4
%SW0232			ON,,OFF,ON	Direct	R	R	4
%SW0233			ON,,OFF,ON	Direct	R	R	4
%SW0234			ON,,OFF,ON	Direct	R	R	4
%SW0235			ON,,OFF,ON	Direct	R	R	4
%SW0236			ON,,OFF,ON	Direct	R	R	4
%SW0237			ON,,OFF,ON	Direct	R	R	4
%SW0238			ON,,OFF,ON	Direct	R	R	4
%SW0239			ON,,OFF,ON	Direct	R	R	4
%SW0240			ON,,OFF,ON	Direct	R	R	4
%SW0241			ON,,OFF,ON	Direct	R	R	4
%SW0242			ON,,OFF,ON	Direct	R	R	4
%SW0243			ON,,OFF,ON	Direct	R	R	4
%SW0244			ON,,OFF,ON	Direct	R	R	4
%SW0245			ON,,OFF,ON	Direct	R	R	4
%SW0246			ON,,OFF,ON	Direct	R	R	4
%SW0247			ON,,OFF,ON	Direct	R	R	4
%SW0248			ON,,OFF,ON	Direct	R	R	4
%SW0249			ON,,OFF,ON	Direct	R	R	4
%SW0250			ON,,OFF,ON	Direct	R	R	4
%SW0251			ON,,OFF,ON	Direct	R	R	4
%SW0252			ON,,OFF,ON	Direct	R	R	4
%SW0253			ON,,OFF,ON	Direct	R	R	4
%SW0254			ON,,OFF,ON	Direct	R	R	4
%SW0255			ON,,OFF,ON	Direct	R	R	4
%SW0256			ON,,OFF,ON	Direct	R	R	4
%SW0257			ON,,OFF,ON	Direct	R	R	4
%SW0258			ON,,OFF,ON	Direct	R	R	4
%SW0259			ON,,OFF,ON	Direct	R	R	4
%SW0260			ON,,OFF,ON	Direct	R	R	4
%SW0261			ON,,OFF,ON	Direct	R	R	4
%SW0262			ON,,OFF,ON	Direct	R	R	4
%SW0263			ON,,OFF,ON	Direct	R	R	4
%SW0264			ON,,OFF,ON	Direct	R	R	4
%SW0265			ON,,OFF,ON	Direct	R	R	4
%SW0266			ON,,OFF,ON	Direct	R	R	4
%SW0267			ON,,OFF,ON	Direct	R	R	4
%SW0268			ON,,OFF,ON	Direct	R	R	4
%SW0269			ON,,OFF,ON	Direct	R	R	4
%SW0270			ON,,OFF,ON	Direct	R	R	4
%SW0271			ON,,OFF,ON	Direct	R	R	4
%SW0272			ON,,OFF,ON	Direct	R	R	4
%SW0273			ON,,OFF,ON	Direct	R	R	4
%SW0274			ON,,OFF,ON	Direct	R	R	4
%SW0275			ON,,OFF,ON	Direct	R	R	4
%SW0276			ON,,OFF,ON	Direct	R	R	4
%SW0277			ON,,OFF,ON	Direct	R	R	4
%SW0278			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-6
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0279			ON,,OFF,ON	Direct	R	R	4
%SW0280			ON,,OFF,ON	Direct	R	R	4
%SW0281			ON,,OFF,ON	Direct	R	R	4
%SW0282			ON,,OFF,ON	Direct	R	R	4
%SW0283			ON,,OFF,ON	Direct	R	R	4
%SW0284			ON,,OFF,ON	Direct	R	R	4
%SW0285			ON,,OFF,ON	Direct	R	R	4
%SW0286			ON,,OFF,ON	Direct	R	R	4
%SW0287			ON,,OFF,ON	Direct	R	R	4
%SW0288			ON,,OFF,ON	Direct	R	R	4
%SW0289			ON,,OFF,ON	Direct	R	R	4
%SW0290			ON,,OFF,ON	Direct	R	R	4
%SW0291			ON,,OFF,ON	Direct	R	R	4
%SW0292			ON,,OFF,ON	Direct	R	R	4
%SW0293			ON,,OFF,ON	Direct	R	R	4
%SW0294			ON,,OFF,ON	Direct	R	R	4
%SW0295			ON,,OFF,ON	Direct	R	R	4
%SW0296			ON,,OFF,ON	Direct	R	R	4
%SW0297			ON,,OFF,ON	Direct	R	R	4
%SW0298			ON,,OFF,ON	Direct	R	R	4
%SW0299			ON,,OFF,ON	Direct	R	R	4
%SW0300			ON,,OFF,ON	Direct	R	R	4
%SW0301			ON,,OFF,ON	Direct	R	R	4
%SW0302			ON,,OFF,ON	Direct	R	R	4
%SW0303			ON,,OFF,ON	Direct	R	R	4
%SW0304			ON,,OFF,ON	Direct	R	R	4
%SW0305			ON,,OFF,ON	Direct	R	R	4
%SW0306			ON,,OFF,ON	Direct	R	R	4
%SW0307			ON,,OFF,ON	Direct	R	R	4
%SW0308			ON,,OFF,ON	Direct	R	R	4
%SW0309			ON,,OFF,ON	Direct	R	R	4
%SW0310			ON,,OFF,ON	Direct	R	R	4
%SW0311			ON,,OFF,ON	Direct	R	R	4
%SW0312			ON,,OFF,ON	Direct	R	R	4
%SW0313			ON,,OFF,ON	Direct	R	R	4
%SW0314			ON,,OFF,ON	Direct	R	R	4
%SW0315			ON,,OFF,ON	Direct	R	R	4
%SW0316			ON,,OFF,ON	Direct	R	R	4
%SW0317			ON,,OFF,ON	Direct	R	R	4
%SW0318			ON,,OFF,ON	Direct	R	R	4
%SW0319			ON,,OFF,ON	Direct	R	R	4
%SW0320			ON,,OFF,ON	Direct	R	R	4
%SW0321			ON,,OFF,ON	Direct	R	R	4
%SW0322			ON,,OFF,ON	Direct	R	R	4
%SW0323			ON,,OFF,ON	Direct	R	R	4
%SW0324			ON,,OFF,ON	Direct	R	R	4
%SW0325			ON,,OFF,ON	Direct	R	R	4
%SW0326			ON,,OFF,ON	Direct	R	R	4
%SW0327			ON,,OFF,ON	Direct	R	R	4
%SW0328			ON,,OFF,ON	Direct	R	R	4
%SW0329			ON,,OFF,ON	Direct	R	R	4
%SW0330			ON,,OFF,ON	Direct	R	R	4
%SW0331			ON,,OFF,ON	Direct	R	R	4
%SW0332			ON,,OFF,ON	Direct	R	R	4
%SW0333			ON,,OFF,ON	Direct	R	R	4
%SW0334			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-7
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0335			ON,,OFF,ON	Direct	R	R	4
%SW0336			ON,,OFF,ON	Direct	R	R	4
%SW0337			ON,,OFF,ON	Direct	R	R	4
%SW0338			ON,,OFF,ON	Direct	R	R	4
%SW0339			ON,,OFF,ON	Direct	R	R	4
%SW0340			ON,,OFF,ON	Direct	R	R	4
%SW0341			ON,,OFF,ON	Direct	R	R	4
%SW0342			ON,,OFF,ON	Direct	R	R	4
%SW0343			ON,,OFF,ON	Direct	R	R	4
%SW0344			ON,,OFF,ON	Direct	R	R	4
%SW0345			ON,,OFF,ON	Direct	R	R	4
%SW0346			ON,,OFF,ON	Direct	R	R	4
%SW0347			ON,,OFF,ON	Direct	R	R	4
%SW0348			ON,,OFF,ON	Direct	R	R	4
%SW0349			ON,,OFF,ON	Direct	R	R	4
%SW0350			ON,,OFF,ON	Direct	R	R	4
%SW0351			ON,,OFF,ON	Direct	R	R	4
%SW0352			ON,,OFF,ON	Direct	R	R	4
%SW0353			ON,,OFF,ON	Direct	R	R	4
%SW0354			ON,,OFF,ON	Direct	R	R	4
%SW0355			ON,,OFF,ON	Direct	R	R	4
%SW0356			ON,,OFF,ON	Direct	R	R	4
%SW0357			ON,,OFF,ON	Direct	R	R	4
%SW0358			ON,,OFF,ON	Direct	R	R	4
%SW0359			ON,,OFF,ON	Direct	R	R	4
%SW0360			ON,,OFF,ON	Direct	R	R	4
%SW0361			ON,,OFF,ON	Direct	R	R	4
%SW0362			ON,,OFF,ON	Direct	R	R	4
%SW0363			ON,,OFF,ON	Direct	R	R	4
%SW0364			ON,,OFF,ON	Direct	R	R	4
%SW0365			ON,,OFF,ON	Direct	R	R	4
%SW0366			ON,,OFF,ON	Direct	R	R	4
%SW0367			ON,,OFF,ON	Direct	R	R	4
%SW0368			ON,,OFF,ON	Direct	R	R	4
%SW0369			ON,,OFF,ON	Direct	R	R	4
%SW0370			ON,,OFF,ON	Direct	R	R	4
%SW0371			ON,,OFF,ON	Direct	R	R	4
%SW0372			ON,,OFF,ON	Direct	R	R	4
%SW0373			ON,,OFF,ON	Direct	R	R	4
%SW0374			ON,,OFF,ON	Direct	R	R	4
%SW0375			ON,,OFF,ON	Direct	R	R	4
%SW0376			ON,,OFF,ON	Direct	R	R	4
%SW0377			ON,,OFF,ON	Direct	R	R	4
%SW0378			ON,,OFF,ON	Direct	R	R	4
%SW0379			ON,,OFF,ON	Direct	R	R	4
%SW0380			ON,,OFF,ON	Direct	R	R	4
%SW0381			ON,,OFF,ON	Direct	R	R	4
%SW0382			ON,,OFF,ON	Direct	R	R	4
%SW0383			ON,,OFF,ON	Direct	R	R	4
%SW0384			ON,,OFF,ON	Direct	R	R	4
%SW0385			ON,,OFF,ON	Direct	R	R	4
%SW0386			ON,,OFF,ON	Direct	R	R	4
%SW0387			ON,,OFF,ON	Direct	R	R	4
%SW0388			ON,,OFF,ON	Direct	R	R	4
%SW0389			ON,,OFF,ON	Direct	R	R	4
%SW0390			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-8
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0391			ON,,OFF,ON	Direct	R	R	4
%SW0392			ON,,OFF,ON	Direct	R	R	4
%SW0393			ON,,OFF,ON	Direct	R	R	4
%SW0394			ON,,OFF,ON	Direct	R	R	4
%SW0395			ON,,OFF,ON	Direct	R	R	4
%SW0396			ON,,OFF,ON	Direct	R	R	4
%SW0397			ON,,OFF,ON	Direct	R	R	4
%SW0398			ON,,OFF,ON	Direct	R	R	4
%SW0399			ON,,OFF,ON	Direct	R	R	4
%SW0400			ON,,OFF,ON	Direct	R	R	4
%SW0401			ON,,OFF,ON	Direct	R	R	4
%SW0402			ON,,OFF,ON	Direct	R	R	4
%SW0403			ON,,OFF,ON	Direct	R	R	4
%SW0404			ON,,OFF,ON	Direct	R	R	4
%SW0405			ON,,OFF,ON	Direct	R	R	4
%SW0406			ON,,OFF,ON	Direct	R	R	4
%SW0407			ON,,OFF,ON	Direct	R	R	4
%SW0408			ON,,OFF,ON	Direct	R	R	4
%SW0409			ON,,OFF,ON	Direct	R	R	4
%SW0410			ON,,OFF,ON	Direct	R	R	4
%SW0411			ON,,OFF,ON	Direct	R	R	4
%SW0412			ON,,OFF,ON	Direct	R	R	4
%SW0413			ON,,OFF,ON	Direct	R	R	4
%SW0414			ON,,OFF,ON	Direct	R	R	4
%SW0415			ON,,OFF,ON	Direct	R	R	4
%SW0416			ON,,OFF,ON	Direct	R	R	4
%SW0417			ON,,OFF,ON	Direct	R	R	4
%SW0418			ON,,OFF,ON	Direct	R	R	4
%SW0419			ON,,OFF,ON	Direct	R	R	4
%SW0420			ON,,OFF,ON	Direct	R	R	4
%SW0421			ON,,OFF,ON	Direct	R	R	4
%SW0422			ON,,OFF,ON	Direct	R	R	4
%SW0423			ON,,OFF,ON	Direct	R	R	4
%SW0424			ON,,OFF,ON	Direct	R	R	4
%SW0425			ON,,OFF,ON	Direct	R	R	4
%SW0426			ON,,OFF,ON	Direct	R	R	4
%SW0427			ON,,OFF,ON	Direct	R	R	4
%SW0428			ON,,OFF,ON	Direct	R	R	4
%SW0429			ON,,OFF,ON	Direct	R	R	4
%SW0430			ON,,OFF,ON	Direct	R	R	4
%SW0431			ON,,OFF,ON	Direct	R	R	4
%SW0432			ON,,OFF,ON	Direct	R	R	4
%SW0433			ON,,OFF,ON	Direct	R	R	4
%SW0434			ON,,OFF,ON	Direct	R	R	4
%SW0435			ON,,OFF,ON	Direct	R	R	4
%SW0436			ON,,OFF,ON	Direct	R	R	4
%SW0437			ON,,OFF,ON	Direct	R	R	4
%SW0438			ON,,OFF,ON	Direct	R	R	4
%SW0439			ON,,OFF,ON	Direct	R	R	4
%SW0440			ON,,OFF,ON	Direct	R	R	4
%SW0441			ON,,OFF,ON	Direct	R	R	4
%SW0442			ON,,OFF,ON	Direct	R	R	4
%SW0443			ON,,OFF,ON	Direct	R	R	4
%SW0444			ON,,OFF,ON	Direct	R	R	4
%SW0445			ON,,OFF,ON	Direct	R	R	4
%SW0446			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-9
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0447			ON,,OFF,ON	Direct	R	R	4
%SW0448			ON,,OFF,ON	Direct	R	R	4
%SW0449			ON,,OFF,ON	Direct	R	R	4
%SW0450			ON,,OFF,ON	Direct	R	R	4
%SW0451			ON,,OFF,ON	Direct	R	R	4
%SW0452			ON,,OFF,ON	Direct	R	R	4
%SW0453			ON,,OFF,ON	Direct	R	R	4
%SW0454			ON,,OFF,ON	Direct	R	R	4
%SW0455			ON,,OFF,ON	Direct	R	R	4
%SW0456			ON,,OFF,ON	Direct	R	R	4
%SW0457			ON,,OFF,ON	Direct	R	R	4
%SW0458			ON,,OFF,ON	Direct	R	R	4
%SW0459			ON,,OFF,ON	Direct	R	R	4
%SW0460			ON,,OFF,ON	Direct	R	R	4
%SW0461			ON,,OFF,ON	Direct	R	R	4
%SW0462			ON,,OFF,ON	Direct	R	R	4
%SW0463			ON,,OFF,ON	Direct	R	R	4
%SW0464			ON,,OFF,ON	Direct	R	R	4
%SW0465			ON,,OFF,ON	Direct	R	R	4
%SW0466			ON,,OFF,ON	Direct	R	R	4
%SW0467			ON,,OFF,ON	Direct	R	R	4
%SW0468			ON,,OFF,ON	Direct	R	R	4
%SW0469			ON,,OFF,ON	Direct	R	R	4
%SW0470			ON,,OFF,ON	Direct	R	R	4
%SW0471			ON,,OFF,ON	Direct	R	R	4
%SW0472			ON,,OFF,ON	Direct	R	R	4
%SW0473			ON,,OFF,ON	Direct	R	R	4
%SW0474			ON,,OFF,ON	Direct	R	R	4
%SW0475			ON,,OFF,ON	Direct	R	R	4
%SW0476			ON,,OFF,ON	Direct	R	R	4
%SW0477			ON,,OFF,ON	Direct	R	R	4
%SW0478			ON,,OFF,ON	Direct	R	R	4
%SW0479			ON,,OFF,ON	Direct	R	R	4
%SW0480			ON,,OFF,ON	Direct	R	R	4
%SW0481			ON,,OFF,ON	Direct	R	R	4
%SW0482			ON,,OFF,ON	Direct	R	R	4
%SW0483			ON,,OFF,ON	Direct	R	R	4
%SW0484			ON,,OFF,ON	Direct	R	R	4
%SW0485			ON,,OFF,ON	Direct	R	R	4
%SW0486			ON,,OFF,ON	Direct	R	R	4
%SW0487			ON,,OFF,ON	Direct	R	R	4
%SW0488			ON,,OFF,ON	Direct	R	R	4
%SW0489			ON,,OFF,ON	Direct	R	R	4
%SW0490			ON,,OFF,ON	Direct	R	R	4
%SW0491			ON,,OFF,ON	Direct	R	R	4
%SW0492			ON,,OFF,ON	Direct	R	R	4
%SW0493			ON,,OFF,ON	Direct	R	R	4
%SW0494			ON,,OFF,ON	Direct	R	R	4
%SW0495			ON,,OFF,ON	Direct	R	R	4
%SW0496			ON,,OFF,ON	Direct	R	R	4
%SW0497			ON,,OFF,ON	Direct	R	R	4
%SW0498			ON,,OFF,ON	Direct	R	R	4
%SW0499			ON,,OFF,ON	Direct	R	R	4
%SW0500			ON,,OFF,ON	Direct	R	R	4
%SW0501			ON,,OFF,ON	Direct	R	R	4
%SW0502			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-10
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0503			ON,,OFF,ON	Direct	R	R	4
%SW0504			ON,,OFF,ON	Direct	R	R	4
%SW0505			ON,,OFF,ON	Direct	R	R	4
%SW0506			ON,,OFF,ON	Direct	R	R	4
%SW0507			ON,,OFF,ON	Direct	R	R	4
%SW0508			ON,,OFF,ON	Direct	R	R	4
%SW0509			ON,,OFF,ON	Direct	R	R	4
%SW0510			ON,,OFF,ON	Direct	R	R	4
%SW0511			ON,,OFF,ON	Direct	R	R	4
%SW0512			ON,,OFF,ON	Direct	R	R	4
%SW0513			ON,,OFF,ON	Direct	R	R	4
%SW0514			ON,,OFF,ON	Direct	R	R	4
%SW0515			ON,,OFF,ON	Direct	R	R	4
%SW0516			ON,,OFF,ON	Direct	R	R	4
%SW0517			ON,,OFF,ON	Direct	R	R	4
%SW0518			ON,,OFF,ON	Direct	R	R	4
%SW0519			ON,,OFF,ON	Direct	R	R	4
%SW0520			ON,,OFF,ON	Direct	R	R	4
%SW0521			ON,,OFF,ON	Direct	R	R	4
%SW0522			ON,,OFF,ON	Direct	R	R	4
%SW0523			ON,,OFF,ON	Direct	R	R	4
%SW0524			ON,,OFF,ON	Direct	R	R	4
%SW0525			ON,,OFF,ON	Direct	R	R	4
%SW0526			ON,,OFF,ON	Direct	R	R	4
%SW0527			ON,,OFF,ON	Direct	R	R	4
%SW0528			ON,,OFF,ON	Direct	R	R	4
%SW0529			ON,,OFF,ON	Direct	R	R	4
%SW0530			ON,,OFF,ON	Direct	R	R	4
%SW0531			ON,,OFF,ON	Direct	R	R	4
%SW0532			ON,,OFF,ON	Direct	R	R	4
%SW0533			ON,,OFF,ON	Direct	R	R	4
%SW0534			ON,,OFF,ON	Direct	R	R	4
%SW0535			ON,,OFF,ON	Direct	R	R	4
%SW0536			ON,,OFF,ON	Direct	R	R	4
%SW0537			ON,,OFF,ON	Direct	R	R	4
%SW0538			ON,,OFF,ON	Direct	R	R	4
%SW0539			ON,,OFF,ON	Direct	R	R	4
%SW0540			ON,,OFF,ON	Direct	R	R	4
%SW0541			ON,,OFF,ON	Direct	R	R	4
%SW0542			ON,,OFF,ON	Direct	R	R	4
%SW0543			ON,,OFF,ON	Direct	R	R	4
%SW0544			ON,,OFF,ON	Direct	R	R	4
%SW0545			ON,,OFF,ON	Direct	R	R	4
%SW0546			ON,,OFF,ON	Direct	R	R	4
%SW0547			ON,,OFF,ON	Direct	R	R	4
%SW0548			ON,,OFF,ON	Direct	R	R	4
%SW0549			ON,,OFF,ON	Direct	R	R	4
%SW0550			ON,,OFF,ON	Direct	R	R	4
%SW0551			ON,,OFF,ON	Direct	R	R	4
%SW0552			ON,,OFF,ON	Direct	R	R	4
%SW0553			ON,,OFF,ON	Direct	R	R	4
%SW0554			ON,,OFF,ON	Direct	R	R	4
%SW0555			ON,,OFF,ON	Direct	R	R	4
%SW0556			ON,,OFF,ON	Direct	R	R	4
%SW0557			ON,,OFF,ON	Direct	R	R	4
%SW0558			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-11
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0559			ON,,OFF,ON	Direct	R	R	4
%SW0560			ON,,OFF,ON	Direct	R	R	4
%SW0561			ON,,OFF,ON	Direct	R	R	4
%SW0562			ON,,OFF,ON	Direct	R	R	4
%SW0563			ON,,OFF,ON	Direct	R	R	4
%SW0564			ON,,OFF,ON	Direct	R	R	4
%SW0565			ON,,OFF,ON	Direct	R	R	4
%SW0566			ON,,OFF,ON	Direct	R	R	4
%SW0567			ON,,OFF,ON	Direct	R	R	4
%SW0568			ON,,OFF,ON	Direct	R	R	4
%SW0569			ON,,OFF,ON	Direct	R	R	4
%SW0570			ON,,OFF,ON	Direct	R	R	4
%SW0571			ON,,OFF,ON	Direct	R	R	4
%SW0572			ON,,OFF,ON	Direct	R	R	4
%SW0573			ON,,OFF,ON	Direct	R	R	4
%SW0574			ON,,OFF,ON	Direct	R	R	4
%SW0575			ON,,OFF,ON	Direct	R	R	4
%SW0576			ON,,OFF,ON	Direct	R	R	4
%SW0577			ON,,OFF,ON	Direct	R	R	4
%SW0578			ON,,OFF,ON	Direct	R	R	4
%SW0579			ON,,OFF,ON	Direct	R	R	4
%SW0580			ON,,OFF,ON	Direct	R	R	4
%SW0581			ON,,OFF,ON	Direct	R	R	4
%SW0582			ON,,OFF,ON	Direct	R	R	4
%SW0583			ON,,OFF,ON	Direct	R	R	4
%SW0584			ON,,OFF,ON	Direct	R	R	4
%SW0585			ON,,OFF,ON	Direct	R	R	4
%SW0586			ON,,OFF,ON	Direct	R	R	4
%SW0587			ON,,OFF,ON	Direct	R	R	4
%SW0588			ON,,OFF,ON	Direct	R	R	4
%SW0589			ON,,OFF,ON	Direct	R	R	4
%SW0590			ON,,OFF,ON	Direct	R	R	4
%SW0591			ON,,OFF,ON	Direct	R	R	4
%SW0592			ON,,OFF,ON	Direct	R	R	4
%SW0593			ON,,OFF,ON	Direct	R	R	4
%SW0594			ON,,OFF,ON	Direct	R	R	4
%SW0595			ON,,OFF,ON	Direct	R	R	4
%SW0596			ON,,OFF,ON	Direct	R	R	4
%SW0597			ON,,OFF,ON	Direct	R	R	4
%SW0598			ON,,OFF,ON	Direct	R	R	4
%SW0599			ON,,OFF,ON	Direct	R	R	4
%SW0600			ON,,OFF,ON	Direct	R	R	4
%SW0601			ON,,OFF,ON	Direct	R	R	4
%SW0602			ON,,OFF,ON	Direct	R	R	4
%SW0603			ON,,OFF,ON	Direct	R	R	4
%SW0604			ON,,OFF,ON	Direct	R	R	4
%SW0605			ON,,OFF,ON	Direct	R	R	4
%SW0606			ON,,OFF,ON	Direct	R	R	4
%SW0607			ON,,OFF,ON	Direct	R	R	4
%SW0608			ON,,OFF,ON	Direct	R	R	4
%SW0609			ON,,OFF,ON	Direct	R	R	4
%SW0610			ON,,OFF,ON	Direct	R	R	4
%SW0611			ON,,OFF,ON	Direct	R	R	4
%SW0612			ON,,OFF,ON	Direct	R	R	4
%SW0613			ON,,OFF,ON	Direct	R	R	4
%SW0614			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-12
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0615			ON,,OFF,ON	Direct	R	R	4
%SW0616			ON,,OFF,ON	Direct	R	R	4
%SW0617			ON,,OFF,ON	Direct	R	R	4
%SW0618			ON,,OFF,ON	Direct	R	R	4
%SW0619			ON,,OFF,ON	Direct	R	R	4
%SW0620			ON,,OFF,ON	Direct	R	R	4
%SW0621			ON,,OFF,ON	Direct	R	R	4
%SW0622			ON,,OFF,ON	Direct	R	R	4
%SW0623			ON,,OFF,ON	Direct	R	R	4
%SW0624			ON,,OFF,ON	Direct	R	R	4
%SW0625			ON,,OFF,ON	Direct	R	R	4
%SW0626			ON,,OFF,ON	Direct	R	R	4
%SW0627			ON,,OFF,ON	Direct	R	R	4
%SW0628			ON,,OFF,ON	Direct	R	R	4
%SW0629			ON,,OFF,ON	Direct	R	R	4
%SW0630			ON,,OFF,ON	Direct	R	R	4
%SW0631			ON,,OFF,ON	Direct	R	R	4
%SW0632			ON,,OFF,ON	Direct	R	R	4
%SW0633			ON,,OFF,ON	Direct	R	R	4
%SW0634			ON,,OFF,ON	Direct	R	R	4
%SW0635			ON,,OFF,ON	Direct	R	R	4
%SW0636			ON,,OFF,ON	Direct	R	R	4
%SW0637			ON,,OFF,ON	Direct	R	R	4
%SW0638			ON,,OFF,ON	Direct	R	R	4
%SW0639			ON,,OFF,ON	Direct	R	R	4
%SW0640			ON,,OFF,ON	Direct	R	R	4
%SW0641			ON,,OFF,ON	Direct	R	R	4
%SW0642			ON,,OFF,ON	Direct	R	R	4
%SW0643			ON,,OFF,ON	Direct	R	R	4
%SW0644			ON,,OFF,ON	Direct	R	R	4
%SW0645			ON,,OFF,ON	Direct	R	R	4
%SW0646			ON,,OFF,ON	Direct	R	R	4
%SW0647			ON,,OFF,ON	Direct	R	R	4
%SW0648			ON,,OFF,ON	Direct	R	R	4
%SW0649			ON,,OFF,ON	Direct	R	R	4
%SW0650			ON,,OFF,ON	Direct	R	R	4
%SW0651			ON,,OFF,ON	Direct	R	R	4
%SW0652			ON,,OFF,ON	Direct	R	R	4
%SW0653			ON,,OFF,ON	Direct	R	R	4
%SW0654			ON,,OFF,ON	Direct	R	R	4
%SW0655			ON,,OFF,ON	Direct	R	R	4
%SW0656			ON,,OFF,ON	Direct	R	R	4
%SW0657			ON,,OFF,ON	Direct	R	R	4
%SW0658			ON,,OFF,ON	Direct	R	R	4
%SW0659			ON,,OFF,ON	Direct	R	R	4
%SW0660			ON,,OFF,ON	Direct	R	R	4
%SW0661			ON,,OFF,ON	Direct	R	R	4
%SW0662			ON,,OFF,ON	Direct	R	R	4
%SW0663			ON,,OFF,ON	Direct	R	R	4
%SW0664			ON,,OFF,ON	Direct	R	R	4
%SW0665			ON,,OFF,ON	Direct	R	R	4
%SW0666			ON,,OFF,ON	Direct	R	R	4
%SW0667			ON,,OFF,ON	Direct	R	R	4
%SW0668			ON,,OFF,ON	Direct	R	R	4
%SW0669			ON,,OFF,ON	Direct	R	R	4
%SW0670			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-13
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0671			ON,,OFF,ON	Direct	R	R	4
%SW0672			ON,,OFF,ON	Direct	R	R	4
%SW0673			ON,,OFF,ON	Direct	R	R	4
%SW0674			ON,,OFF,ON	Direct	R	R	4
%SW0675			ON,,OFF,ON	Direct	R	R	4
%SW0676			ON,,OFF,ON	Direct	R	R	4
%SW0677			ON,,OFF,ON	Direct	R	R	4
%SW0678			ON,,OFF,ON	Direct	R	R	4
%SW0679			ON,,OFF,ON	Direct	R	R	4
%SW0680			ON,,OFF,ON	Direct	R	R	4
%SW0681			ON,,OFF,ON	Direct	R	R	4
%SW0682			ON,,OFF,ON	Direct	R	R	4
%SW0683			ON,,OFF,ON	Direct	R	R	4
%SW0684			ON,,OFF,ON	Direct	R	R	4
%SW0685			ON,,OFF,ON	Direct	R	R	4
%SW0686			ON,,OFF,ON	Direct	R	R	4
%SW0687			ON,,OFF,ON	Direct	R	R	4
%SW0688			ON,,OFF,ON	Direct	R	R	4
%SW0689			ON,,OFF,ON	Direct	R	R	4
%SW0690			ON,,OFF,ON	Direct	R	R	4
%SW0691			ON,,OFF,ON	Direct	R	R	4
%SW0692			ON,,OFF,ON	Direct	R	R	4
%SW0693			ON,,OFF,ON	Direct	R	R	4
%SW0694			ON,,OFF,ON	Direct	R	R	4
%SW0695			ON,,OFF,ON	Direct	R	R	4
%SW0696			ON,,OFF,ON	Direct	R	R	4
%SW0697			ON,,OFF,ON	Direct	R	R	4
%SW0698			ON,,OFF,ON	Direct	R	R	4
%SW0699			ON,,OFF,ON	Direct	R	R	4
%SW0700			ON,,OFF,ON	Direct	R	R	4
%SW0701			ON,,OFF,ON	Direct	R	R	4
%SW0702			ON,,OFF,ON	Direct	R	R	4
%SW0703			ON,,OFF,ON	Direct	R	R	4
%SW0704			ON,,OFF,ON	Direct	R	R	4
%SW0705			ON,,OFF,ON	Direct	R	R	4
%SW0706			ON,,OFF,ON	Direct	R	R	4
%SW0707			ON,,OFF,ON	Direct	R	R	4
%SW0708			ON,,OFF,ON	Direct	R	R	4
%SW0709			ON,,OFF,ON	Direct	R	R	4
%SW0710			ON,,OFF,ON	Direct	R	R	4
%SW0711			ON,,OFF,ON	Direct	R	R	4
%SW0712			ON,,OFF,ON	Direct	R	R	4
%SW0713			ON,,OFF,ON	Direct	R	R	4
%SW0714			ON,,OFF,ON	Direct	R	R	4
%SW0715			ON,,OFF,ON	Direct	R	R	4
%SW0716			ON,,OFF,ON	Direct	R	R	4
%SW0717			ON,,OFF,ON	Direct	R	R	4
%SW0718			ON,,OFF,ON	Direct	R	R	4
%SW0719			ON,,OFF,ON	Direct	R	R	4
%SW0720			ON,,OFF,ON	Direct	R	R	4
%SW0721			ON,,OFF,ON	Direct	R	R	4
%SW0722			ON,,OFF,ON	Direct	R	R	4
%SW0723			ON,,OFF,ON	Direct	R	R	4
%SW0724			ON,,OFF,ON	Direct	R	R	4
%SW0725			ON,,OFF,ON	Direct	R	R	4
%SW0726			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-14
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0727			ON,,OFF,ON	Direct	R	R	4
%SW0728			ON,,OFF,ON	Direct	R	R	4
%SW0729			ON,,OFF,ON	Direct	R	R	4
%SW0730			ON,,OFF,ON	Direct	R	R	4
%SW0731			ON,,OFF,ON	Direct	R	R	4
%SW0732			ON,,OFF,ON	Direct	R	R	4
%SW0733			ON,,OFF,ON	Direct	R	R	4
%SW0734			ON,,OFF,ON	Direct	R	R	4
%SW0735			ON,,OFF,ON	Direct	R	R	4
%SW0736			ON,,OFF,ON	Direct	R	R	4
%SW0737			ON,,OFF,ON	Direct	R	R	4
%SW0738			ON,,OFF,ON	Direct	R	R	4
%SW0739			ON,,OFF,ON	Direct	R	R	4
%SW0740			ON,,OFF,ON	Direct	R	R	4
%SW0741			ON,,OFF,ON	Direct	R	R	4
%SW0742			ON,,OFF,ON	Direct	R	R	4
%SW0743			ON,,OFF,ON	Direct	R	R	4
%SW0744			ON,,OFF,ON	Direct	R	R	4
%SW0745			ON,,OFF,ON	Direct	R	R	4
%SW0746			ON,,OFF,ON	Direct	R	R	4
%SW0747			ON,,OFF,ON	Direct	R	R	4
%SW0748			ON,,OFF,ON	Direct	R	R	4
%SW0749			ON,,OFF,ON	Direct	R	R	4
%SW0750			ON,,OFF,ON	Direct	R	R	4
%SW0751			ON,,OFF,ON	Direct	R	R	4
%SW0752			ON,,OFF,ON	Direct	R	R	4
%SW0753			ON,,OFF,ON	Direct	R	R	4
%SW0754			ON,,OFF,ON	Direct	R	R	4
%SW0755			ON,,OFF,ON	Direct	R	R	4
%SW0756			ON,,OFF,ON	Direct	R	R	4
%SW0757			ON,,OFF,ON	Direct	R	R	4
%SW0758			ON,,OFF,ON	Direct	R	R	4
%SW0759			ON,,OFF,ON	Direct	R	R	4
%SW0760			ON,,OFF,ON	Direct	R	R	4
%SW0761			ON,,OFF,ON	Direct	R	R	4
%SW0762			ON,,OFF,ON	Direct	R	R	4
%SW0763			ON,,OFF,ON	Direct	R	R	4
%SW0764			ON,,OFF,ON	Direct	R	R	4
%SW0765			ON,,OFF,ON	Direct	R	R	4
%SW0766			ON,,OFF,ON	Direct	R	R	4
%SW0767			ON,,OFF,ON	Direct	R	R	4
%SW0768			ON,,OFF,ON	Direct	R	R	4
%SW0769			ON,,OFF,ON	Direct	R	R	4
%SW0770			ON,,OFF,ON	Direct	R	R	4
%SW0771			ON,,OFF,ON	Direct	R	R	4
%SW0772			ON,,OFF,ON	Direct	R	R	4
%SW0773			ON,,OFF,ON	Direct	R	R	4
%SW0774			ON,,OFF,ON	Direct	R	R	4
%SW0775			ON,,OFF,ON	Direct	R	R	4
%SW0776			ON,,OFF,ON	Direct	R	R	4
%SW0777			ON,,OFF,ON	Direct	R	R	4
%SW0778			ON,,OFF,ON	Direct	R	R	4
%SW0779			ON,,OFF,ON	Direct	R	R	4
%SW0780			ON,,OFF,ON	Direct	R	R	4
%SW0781			ON,,OFF,ON	Direct	R	R	4
%SW0782			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-15
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0783			ON,,OFF,ON	Direct	R	R	4
%SW0784			ON,,OFF,ON	Direct	R	R	4
%SW0785			ON,,OFF,ON	Direct	R	R	4
%SW0786			ON,,OFF,ON	Direct	R	R	4
%SW0787			ON,,OFF,ON	Direct	R	R	4
%SW0788			ON,,OFF,ON	Direct	R	R	4
%SW0789			ON,,OFF,ON	Direct	R	R	4
%SW0790			ON,,OFF,ON	Direct	R	R	4
%SW0791			ON,,OFF,ON	Direct	R	R	4
%SW0792			ON,,OFF,ON	Direct	R	R	4
%SW0793			ON,,OFF,ON	Direct	R	R	4
%SW0794			ON,,OFF,ON	Direct	R	R	4
%SW0795			ON,,OFF,ON	Direct	R	R	4
%SW0796			ON,,OFF,ON	Direct	R	R	4
%SW0797			ON,,OFF,ON	Direct	R	R	4
%SW0798			ON,,OFF,ON	Direct	R	R	4
%SW0799			ON,,OFF,ON	Direct	R	R	4
%SW0800			ON,,OFF,ON	Direct	R	R	4
%SW0801			ON,,OFF,ON	Direct	R	R	4
%SW0802			ON,,OFF,ON	Direct	R	R	4
%SW0803			ON,,OFF,ON	Direct	R	R	4
%SW0804			ON,,OFF,ON	Direct	R	R	4
%SW0805			ON,,OFF,ON	Direct	R	R	4
%SW0806			ON,,OFF,ON	Direct	R	R	4
%SW0807			ON,,OFF,ON	Direct	R	R	4
%SW0808			ON,,OFF,ON	Direct	R	R	4
%SW0809			ON,,OFF,ON	Direct	R	R	4
%SW0810			ON,,OFF,ON	Direct	R	R	4
%SW0811			ON,,OFF,ON	Direct	R	R	4
%SW0812			ON,,OFF,ON	Direct	R	R	4
%SW0813			ON,,OFF,ON	Direct	R	R	4
%SW0814			ON,,OFF,ON	Direct	R	R	4
%SW0815			ON,,OFF,ON	Direct	R	R	4
%SW0816			ON,,OFF,ON	Direct	R	R	4
%SW0817			ON,,OFF,ON	Direct	R	R	4
%SW0818			ON,,OFF,ON	Direct	R	R	4
%SW0819			ON,,OFF,ON	Direct	R	R	4
%SW0820			ON,,OFF,ON	Direct	R	R	4
%SW0821			ON,,OFF,ON	Direct	R	R	4
%SW0822			ON,,OFF,ON	Direct	R	R	4
%SW0823			ON,,OFF,ON	Direct	R	R	4
%SW0824			ON,,OFF,ON	Direct	R	R	4
%SW0825			ON,,OFF,ON	Direct	R	R	4
%SW0826			ON,,OFF,ON	Direct	R	R	4
%SW0827			ON,,OFF,ON	Direct	R	R	4
%SW0828			ON,,OFF,ON	Direct	R	R	4
%SW0829			ON,,OFF,ON	Direct	R	R	4
%SW0830			ON,,OFF,ON	Direct	R	R	4
%SW0831			ON,,OFF,ON	Direct	R	R	4
%SW0832			ON,,OFF,ON	Direct	R	R	4
%SW0833			ON,,OFF,ON	Direct	R	R	4
%SW0834			ON,,OFF,ON	Direct	R	R	4
%SW0835			ON,,OFF,ON	Direct	R	R	4
%SW0836			ON,,OFF,ON	Direct	R	R	4
%SW0837			ON,,OFF,ON	Direct	R	R	4
%SW0838			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-16
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0839			ON,,OFF,ON	Direct	R	R	4
%SW0840			ON,,OFF,ON	Direct	R	R	4
%SW0841			ON,,OFF,ON	Direct	R	R	4
%SW0842			ON,,OFF,ON	Direct	R	R	4
%SW0843			ON,,OFF,ON	Direct	R	R	4
%SW0844			ON,,OFF,ON	Direct	R	R	4
%SW0845			ON,,OFF,ON	Direct	R	R	4
%SW0846			ON,,OFF,ON	Direct	R	R	4
%SW0847			ON,,OFF,ON	Direct	R	R	4
%SW0848			ON,,OFF,ON	Direct	R	R	4
%SW0849			ON,,OFF,ON	Direct	R	R	4
%SW0850			ON,,OFF,ON	Direct	R	R	4
%SW0851			ON,,OFF,ON	Direct	R	R	4
%SW0852			ON,,OFF,ON	Direct	R	R	4
%SW0853			ON,,OFF,ON	Direct	R	R	4
%SW0854			ON,,OFF,ON	Direct	R	R	4
%SW0855			ON,,OFF,ON	Direct	R	R	4
%SW0856			ON,,OFF,ON	Direct	R	R	4
%SW0857			ON,,OFF,ON	Direct	R	R	4
%SW0858			ON,,OFF,ON	Direct	R	R	4
%SW0859			ON,,OFF,ON	Direct	R	R	4
%SW0860			ON,,OFF,ON	Direct	R	R	4
%SW0861			ON,,OFF,ON	Direct	R	R	4
%SW0862			ON,,OFF,ON	Direct	R	R	4
%SW0863			ON,,OFF,ON	Direct	R	R	4
%SW0864			ON,,OFF,ON	Direct	R	R	4
%SW0865			ON,,OFF,ON	Direct	R	R	4
%SW0866			ON,,OFF,ON	Direct	R	R	4
%SW0867			ON,,OFF,ON	Direct	R	R	4
%SW0868			ON,,OFF,ON	Direct	R	R	4
%SW0869			ON,,OFF,ON	Direct	R	R	4
%SW0870			ON,,OFF,ON	Direct	R	R	4
%SW0871			ON,,OFF,ON	Direct	R	R	4
%SW0872			ON,,OFF,ON	Direct	R	R	4
%SW0873			ON,,OFF,ON	Direct	R	R	4
%SW0874			ON,,OFF,ON	Direct	R	R	4
%SW0875			ON,,OFF,ON	Direct	R	R	4
%SW0876			ON,,OFF,ON	Direct	R	R	4
%SW0877			ON,,OFF,ON	Direct	R	R	4
%SW0878			ON,,OFF,ON	Direct	R	R	4
%SW0879			ON,,OFF,ON	Direct	R	R	4
%SW0880			ON,,OFF,ON	Direct	R	R	4
%SW0881			ON,,OFF,ON	Direct	R	R	4
%SW0882			ON,,OFF,ON	Direct	R	R	4
%SW0883			ON,,OFF,ON	Direct	R	R	4
%SW0884			ON,,OFF,ON	Direct	R	R	4
%SW0885			ON,,OFF,ON	Direct	R	R	4
%SW0886			ON,,OFF,ON	Direct	R	R	4
%SW0887			ON,,OFF,ON	Direct	R	R	4
%SW0888			ON,,OFF,ON	Direct	R	R	4
%SW0889			ON,,OFF,ON	Direct	R	R	4
%SW0890			ON,,OFF,ON	Direct	R	R	4
%SW0891			ON,,OFF,ON	Direct	R	R	4
%SW0892			ON,,OFF,ON	Direct	R	R	4
%SW0893			ON,,OFF,ON	Direct	R	R	4
%SW0894			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-17
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0895			ON,,OFF,ON	Direct	R	R	4
%SW0896			ON,,OFF,ON	Direct	R	R	4
%SW0897			ON,,OFF,ON	Direct	R	R	4
%SW0898			ON,,OFF,ON	Direct	R	R	4
%SW0899			ON,,OFF,ON	Direct	R	R	4
%SW0900			ON,,OFF,ON	Direct	R	R	4
%SW0901			ON,,OFF,ON	Direct	R	R	4
%SW0902			ON,,OFF,ON	Direct	R	R	4
%SW0903			ON,,OFF,ON	Direct	R	R	4
%SW0904			ON,,OFF,ON	Direct	R	R	4
%SW0905			ON,,OFF,ON	Direct	R	R	4
%SW0906			ON,,OFF,ON	Direct	R	R	4
%SW0907			ON,,OFF,ON	Direct	R	R	4
%SW0908			ON,,OFF,ON	Direct	R	R	4
%SW0909			ON,,OFF,ON	Direct	R	R	4
%SW0910			ON,,OFF,ON	Direct	R	R	4
%SW0911			ON,,OFF,ON	Direct	R	R	4
%SW0912			ON,,OFF,ON	Direct	R	R	4
%SW0913			ON,,OFF,ON	Direct	R	R	4
%SW0914			ON,,OFF,ON	Direct	R	R	4
%SW0915			ON,,OFF,ON	Direct	R	R	4
%SW0916			ON,,OFF,ON	Direct	R	R	4
%SW0917			ON,,OFF,ON	Direct	R	R	4
%SW0918			ON,,OFF,ON	Direct	R	R	4
%SW0919			ON,,OFF,ON	Direct	R	R	4
%SW0920			ON,,OFF,ON	Direct	R	R	4
%SW0921			ON,,OFF,ON	Direct	R	R	4
%SW0922			ON,,OFF,ON	Direct	R	R	4
%SW0923			ON,,OFF,ON	Direct	R	R	4
%SW0924			ON,,OFF,ON	Direct	R	R	4
%SW0925			ON,,OFF,ON	Direct	R	R	4
%SW0926			ON,,OFF,ON	Direct	R	R	4
%SW0927			ON,,OFF,ON	Direct	R	R	4
%SW0928			ON,,OFF,ON	Direct	R	R	4
%SW0929			ON,,OFF,ON	Direct	R	R	4
%SW0930			ON,,OFF,ON	Direct	R	R	4
%SW0931			ON,,OFF,ON	Direct	R	R	4
%SW0932			ON,,OFF,ON	Direct	R	R	4
%SW0933			ON,,OFF,ON	Direct	R	R	4
%SW0934			ON,,OFF,ON	Direct	R	R	4
%SW0935			ON,,OFF,ON	Direct	R	R	4
%SW0936			ON,,OFF,ON	Direct	R	R	4
%SW0937			ON,,OFF,ON	Direct	R	R	4
%SW0938			ON,,OFF,ON	Direct	R	R	4
%SW0939			ON,,OFF,ON	Direct	R	R	4
%SW0940			ON,,OFF,ON	Direct	R	R	4
%SW0941			ON,,OFF,ON	Direct	R	R	4
%SW0942			ON,,OFF,ON	Direct	R	R	4
%SW0943			ON,,OFF,ON	Direct	R	R	4
%SW0944			ON,,OFF,ON	Direct	R	R	4
%SW0945			ON,,OFF,ON	Direct	R	R	4
%SW0946			ON,,OFF,ON	Direct	R	R	4
%SW0947			ON,,OFF,ON	Direct	R	R	4
%SW0948			ON,,OFF,ON	Direct	R	R	4
%SW0949			ON,,OFF,ON	Direct	R	R	4
%SW0950			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef.edf	SHEET:		YOKOGAWA	PAGE:3-11-18
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:48:02 AM	COMMENT:			
SECTION:	Common switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW0951			ON,,OFF,ON	Direct	R	R	4
%SW0952			ON,,OFF,ON	Direct	R	R	4
%SW0953			ON,,OFF,ON	Direct	R	R	4
%SW0954			ON,,OFF,ON	Direct	R	R	4
%SW0955			ON,,OFF,ON	Direct	R	R	4
%SW0956			ON,,OFF,ON	Direct	R	R	4
%SW0957			ON,,OFF,ON	Direct	R	R	4
%SW0958			ON,,OFF,ON	Direct	R	R	4
%SW0959			ON,,OFF,ON	Direct	R	R	4
%SW0960			ON,,OFF,ON	Direct	R	R	4
%SW0961			ON,,OFF,ON	Direct	R	R	4
%SW0962			ON,,OFF,ON	Direct	R	R	4
%SW0963			ON,,OFF,ON	Direct	R	R	4
%SW0964			ON,,OFF,ON	Direct	R	R	4
%SW0965			ON,,OFF,ON	Direct	R	R	4
%SW0966			ON,,OFF,ON	Direct	R	R	4
%SW0967			ON,,OFF,ON	Direct	R	R	4
%SW0968			ON,,OFF,ON	Direct	R	R	4
%SW0969			ON,,OFF,ON	Direct	R	R	4
%SW0970			ON,,OFF,ON	Direct	R	R	4
%SW0971			ON,,OFF,ON	Direct	R	R	4
%SW0972			ON,,OFF,ON	Direct	R	R	4
%SW0973			ON,,OFF,ON	Direct	R	R	4
%SW0974			ON,,OFF,ON	Direct	R	R	4
%SW0975			ON,,OFF,ON	Direct	R	R	4
%SW0976			ON,,OFF,ON	Direct	R	R	4
%SW0977			ON,,OFF,ON	Direct	R	R	4
%SW0978			ON,,OFF,ON	Direct	R	R	4
%SW0979			ON,,OFF,ON	Direct	R	R	4
%SW0980			ON,,OFF,ON	Direct	R	R	4
%SW0981			ON,,OFF,ON	Direct	R	R	4
%SW0982			ON,,OFF,ON	Direct	R	R	4
%SW0983			ON,,OFF,ON	Direct	R	R	4
%SW0984			ON,,OFF,ON	Direct	R	R	4
%SW0985			ON,,OFF,ON	Direct	R	R	4
%SW0986			ON,,OFF,ON	Direct	R	R	4
%SW0987			ON,,OFF,ON	Direct	R	R	4
%SW0988			ON,,OFF,ON	Direct	R	R	4
%SW0989			ON,,OFF,ON	Direct	R	R	4
%SW0990			ON,,OFF,ON	Direct	R	R	4
%SW0991			ON,,OFF,ON	Direct	R	R	4
%SW0992			ON,,OFF,ON	Direct	R	R	4
%SW0993			ON,,OFF,ON	Direct	R	R	4
%SW0994			ON,,OFF,ON	Direct	R	R	4
%SW0995			ON,,OFF,ON	Direct	R	R	4
%SW0996			ON,,OFF,ON	Direct	R	R	4
%SW0997			ON,,OFF,ON	Direct	R	R	4
%SW0998			ON,,OFF,ON	Direct	R	R	4
%SW0999			ON,,OFF,ON	Direct	R	R	4
%SW1000	ALWAYS-ON		ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-1
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Common Switch Builder

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1001			ON,,OFF,ON	Direct	R	R	4
%SW1002			ON,,OFF,ON	Direct	R	R	4
%SW1003			ON,,OFF,ON	Direct	R	R	4
%SW1004			ON,,OFF,ON	Direct	R	R	4
%SW1005			ON,,OFF,ON	Direct	R	R	4
%SW1006			ON,,OFF,ON	Direct	R	R	4
%SW1007			ON,,OFF,ON	Direct	R	R	4
%SW1008			ON,,OFF,ON	Direct	R	R	4
%SW1009			ON,,OFF,ON	Direct	R	R	4
%SW1010			ON,,OFF,ON	Direct	R	R	4
%SW1011			ON,,OFF,ON	Direct	R	R	4
%SW1012			ON,,OFF,ON	Direct	R	R	4
%SW1013			ON,,OFF,ON	Direct	R	R	4
%SW1014			ON,,OFF,ON	Direct	R	R	4
%SW1015			ON,,OFF,ON	Direct	R	R	4
%SW1016			ON,,OFF,ON	Direct	R	R	4
%SW1017			ON,,OFF,ON	Direct	R	R	4
%SW1018			ON,,OFF,ON	Direct	R	R	4
%SW1019			ON,,OFF,ON	Direct	R	R	4
%SW1020			ON,,OFF,ON	Direct	R	R	4
%SW1021			ON,,OFF,ON	Direct	R	R	4
%SW1022			ON,,OFF,ON	Direct	R	R	4
%SW1023			ON,,OFF,ON	Direct	R	R	4
%SW1024			ON,,OFF,ON	Direct	R	R	4
%SW1025			ON,,OFF,ON	Direct	R	R	4
%SW1026			ON,,OFF,ON	Direct	R	R	4
%SW1027			ON,,OFF,ON	Direct	R	R	4
%SW1028			ON,,OFF,ON	Direct	R	R	4
%SW1029			ON,,OFF,ON	Direct	R	R	4
%SW1030			ON,,OFF,ON	Direct	R	R	4
%SW1031			ON,,OFF,ON	Direct	R	R	4
%SW1032			ON,,OFF,ON	Direct	R	R	4
%SW1033			ON,,OFF,ON	Direct	R	R	4
%SW1034			ON,,OFF,ON	Direct	R	R	4
%SW1035			ON,,OFF,ON	Direct	R	R	4
%SW1036			ON,,OFF,ON	Direct	R	R	4
%SW1037			ON,,OFF,ON	Direct	R	R	4
%SW1038			ON,,OFF,ON	Direct	R	R	4
%SW1039			ON,,OFF,ON	Direct	R	R	4
%SW1040			ON,,OFF,ON	Direct	R	R	4
%SW1041			ON,,OFF,ON	Direct	R	R	4
%SW1042			ON,,OFF,ON	Direct	R	R	4
%SW1043			ON,,OFF,ON	Direct	R	R	4
%SW1044			ON,,OFF,ON	Direct	R	R	4
%SW1045			ON,,OFF,ON	Direct	R	R	4
%SW1046			ON,,OFF,ON	Direct	R	R	4
%SW1047			ON,,OFF,ON	Direct	R	R	4
%SW1048			ON,,OFF,ON	Direct	R	R	4
%SW1049			ON,,OFF,ON	Direct	R	R	4
%SW1050			ON,,OFF,ON	Direct	R	R	4
%SW1051			ON,,OFF,ON	Direct	R	R	4
%SW1052			ON,,OFF,ON	Direct	R	R	4
%SW1053			ON,,OFF,ON	Direct	R	R	4
%SW1054			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-2
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1055			ON,,OFF,ON	Direct	R	R	4
%SW1056			ON,,OFF,ON	Direct	R	R	4
%SW1057			ON,,OFF,ON	Direct	R	R	4
%SW1058			ON,,OFF,ON	Direct	R	R	4
%SW1059			ON,,OFF,ON	Direct	R	R	4
%SW1060			ON,,OFF,ON	Direct	R	R	4
%SW1061			ON,,OFF,ON	Direct	R	R	4
%SW1062			ON,,OFF,ON	Direct	R	R	4
%SW1063			ON,,OFF,ON	Direct	R	R	4
%SW1064			ON,,OFF,ON	Direct	R	R	4
%SW1065			ON,,OFF,ON	Direct	R	R	4
%SW1066			ON,,OFF,ON	Direct	R	R	4
%SW1067			ON,,OFF,ON	Direct	R	R	4
%SW1068			ON,,OFF,ON	Direct	R	R	4
%SW1069			ON,,OFF,ON	Direct	R	R	4
%SW1070			ON,,OFF,ON	Direct	R	R	4
%SW1071			ON,,OFF,ON	Direct	R	R	4
%SW1072			ON,,OFF,ON	Direct	R	R	4
%SW1073			ON,,OFF,ON	Direct	R	R	4
%SW1074			ON,,OFF,ON	Direct	R	R	4
%SW1075			ON,,OFF,ON	Direct	R	R	4
%SW1076			ON,,OFF,ON	Direct	R	R	4
%SW1077			ON,,OFF,ON	Direct	R	R	4
%SW1078			ON,,OFF,ON	Direct	R	R	4
%SW1079			ON,,OFF,ON	Direct	R	R	4
%SW1080			ON,,OFF,ON	Direct	R	R	4
%SW1081			ON,,OFF,ON	Direct	R	R	4
%SW1082			ON,,OFF,ON	Direct	R	R	4
%SW1083			ON,,OFF,ON	Direct	R	R	4
%SW1084			ON,,OFF,ON	Direct	R	R	4
%SW1085			ON,,OFF,ON	Direct	R	R	4
%SW1086			ON,,OFF,ON	Direct	R	R	4
%SW1087			ON,,OFF,ON	Direct	R	R	4
%SW1088			ON,,OFF,ON	Direct	R	R	4
%SW1089			ON,,OFF,ON	Direct	R	R	4
%SW1090			ON,,OFF,ON	Direct	R	R	4
%SW1091			ON,,OFF,ON	Direct	R	R	4
%SW1092			ON,,OFF,ON	Direct	R	R	4
%SW1093			ON,,OFF,ON	Direct	R	R	4
%SW1094			ON,,OFF,ON	Direct	R	R	4
%SW1095			ON,,OFF,ON	Direct	R	R	4
%SW1096			ON,,OFF,ON	Direct	R	R	4
%SW1097			ON,,OFF,ON	Direct	R	R	4
%SW1098			ON,,OFF,ON	Direct	R	R	4
%SW1099			ON,,OFF,ON	Direct	R	R	4
%SW1100			ON,,OFF,ON	Direct	R	R	4
%SW1101			ON,,OFF,ON	Direct	R	R	4
%SW1102			ON,,OFF,ON	Direct	R	R	4
%SW1103			ON,,OFF,ON	Direct	R	R	4
%SW1104			ON,,OFF,ON	Direct	R	R	4
%SW1105			ON,,OFF,ON	Direct	R	R	4
%SW1106			ON,,OFF,ON	Direct	R	R	4
%SW1107			ON,,OFF,ON	Direct	R	R	4
%SW1108			ON,,OFF,ON	Direct	R	R	4
%SW1109			ON,,OFF,ON	Direct	R	R	4
%SW1110			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-3
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1111			ON,,OFF,ON	Direct	R	R	4
%SW1112			ON,,OFF,ON	Direct	R	R	4
%SW1113			ON,,OFF,ON	Direct	R	R	4
%SW1114			ON,,OFF,ON	Direct	R	R	4
%SW1115			ON,,OFF,ON	Direct	R	R	4
%SW1116			ON,,OFF,ON	Direct	R	R	4
%SW1117			ON,,OFF,ON	Direct	R	R	4
%SW1118			ON,,OFF,ON	Direct	R	R	4
%SW1119			ON,,OFF,ON	Direct	R	R	4
%SW1120			ON,,OFF,ON	Direct	R	R	4
%SW1121			ON,,OFF,ON	Direct	R	R	4
%SW1122			ON,,OFF,ON	Direct	R	R	4
%SW1123			ON,,OFF,ON	Direct	R	R	4
%SW1124			ON,,OFF,ON	Direct	R	R	4
%SW1125			ON,,OFF,ON	Direct	R	R	4
%SW1126			ON,,OFF,ON	Direct	R	R	4
%SW1127			ON,,OFF,ON	Direct	R	R	4
%SW1128			ON,,OFF,ON	Direct	R	R	4
%SW1129			ON,,OFF,ON	Direct	R	R	4
%SW1130			ON,,OFF,ON	Direct	R	R	4
%SW1131			ON,,OFF,ON	Direct	R	R	4
%SW1132			ON,,OFF,ON	Direct	R	R	4
%SW1133			ON,,OFF,ON	Direct	R	R	4
%SW1134			ON,,OFF,ON	Direct	R	R	4
%SW1135			ON,,OFF,ON	Direct	R	R	4
%SW1136			ON,,OFF,ON	Direct	R	R	4
%SW1137			ON,,OFF,ON	Direct	R	R	4
%SW1138			ON,,OFF,ON	Direct	R	R	4
%SW1139			ON,,OFF,ON	Direct	R	R	4
%SW1140			ON,,OFF,ON	Direct	R	R	4
%SW1141			ON,,OFF,ON	Direct	R	R	4
%SW1142			ON,,OFF,ON	Direct	R	R	4
%SW1143			ON,,OFF,ON	Direct	R	R	4
%SW1144			ON,,OFF,ON	Direct	R	R	4
%SW1145			ON,,OFF,ON	Direct	R	R	4
%SW1146			ON,,OFF,ON	Direct	R	R	4
%SW1147			ON,,OFF,ON	Direct	R	R	4
%SW1148			ON,,OFF,ON	Direct	R	R	4
%SW1149			ON,,OFF,ON	Direct	R	R	4
%SW1150			ON,,OFF,ON	Direct	R	R	4
%SW1151			ON,,OFF,ON	Direct	R	R	4
%SW1152			ON,,OFF,ON	Direct	R	R	4
%SW1153			ON,,OFF,ON	Direct	R	R	4
%SW1154			ON,,OFF,ON	Direct	R	R	4
%SW1155			ON,,OFF,ON	Direct	R	R	4
%SW1156			ON,,OFF,ON	Direct	R	R	4
%SW1157			ON,,OFF,ON	Direct	R	R	4
%SW1158			ON,,OFF,ON	Direct	R	R	4
%SW1159			ON,,OFF,ON	Direct	R	R	4
%SW1160			ON,,OFF,ON	Direct	R	R	4
%SW1161			ON,,OFF,ON	Direct	R	R	4
%SW1162			ON,,OFF,ON	Direct	R	R	4
%SW1163			ON,,OFF,ON	Direct	R	R	4
%SW1164			ON,,OFF,ON	Direct	R	R	4
%SW1165			ON,,OFF,ON	Direct	R	R	4
%SW1166			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-4
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1167			ON,,OFF,ON	Direct	R	R	4
%SW1168			ON,,OFF,ON	Direct	R	R	4
%SW1169			ON,,OFF,ON	Direct	R	R	4
%SW1170			ON,,OFF,ON	Direct	R	R	4
%SW1171			ON,,OFF,ON	Direct	R	R	4
%SW1172			ON,,OFF,ON	Direct	R	R	4
%SW1173			ON,,OFF,ON	Direct	R	R	4
%SW1174			ON,,OFF,ON	Direct	R	R	4
%SW1175			ON,,OFF,ON	Direct	R	R	4
%SW1176			ON,,OFF,ON	Direct	R	R	4
%SW1177			ON,,OFF,ON	Direct	R	R	4
%SW1178			ON,,OFF,ON	Direct	R	R	4
%SW1179			ON,,OFF,ON	Direct	R	R	4
%SW1180			ON,,OFF,ON	Direct	R	R	4
%SW1181			ON,,OFF,ON	Direct	R	R	4
%SW1182			ON,,OFF,ON	Direct	R	R	4
%SW1183			ON,,OFF,ON	Direct	R	R	4
%SW1184			ON,,OFF,ON	Direct	R	R	4
%SW1185			ON,,OFF,ON	Direct	R	R	4
%SW1186			ON,,OFF,ON	Direct	R	R	4
%SW1187			ON,,OFF,ON	Direct	R	R	4
%SW1188			ON,,OFF,ON	Direct	R	R	4
%SW1189			ON,,OFF,ON	Direct	R	R	4
%SW1190			ON,,OFF,ON	Direct	R	R	4
%SW1191			ON,,OFF,ON	Direct	R	R	4
%SW1192			ON,,OFF,ON	Direct	R	R	4
%SW1193			ON,,OFF,ON	Direct	R	R	4
%SW1194			ON,,OFF,ON	Direct	R	R	4
%SW1195			ON,,OFF,ON	Direct	R	R	4
%SW1196			ON,,OFF,ON	Direct	R	R	4
%SW1197			ON,,OFF,ON	Direct	R	R	4
%SW1198			ON,,OFF,ON	Direct	R	R	4
%SW1199			ON,,OFF,ON	Direct	R	R	4
%SW1200			ON,,OFF,ON	Direct	R	R	4
%SW1201			ON,,OFF,ON	Direct	R	R	4
%SW1202			ON,,OFF,ON	Direct	R	R	4
%SW1203			ON,,OFF,ON	Direct	R	R	4
%SW1204			ON,,OFF,ON	Direct	R	R	4
%SW1205			ON,,OFF,ON	Direct	R	R	4
%SW1206			ON,,OFF,ON	Direct	R	R	4
%SW1207			ON,,OFF,ON	Direct	R	R	4
%SW1208			ON,,OFF,ON	Direct	R	R	4
%SW1209			ON,,OFF,ON	Direct	R	R	4
%SW1210			ON,,OFF,ON	Direct	R	R	4
%SW1211			ON,,OFF,ON	Direct	R	R	4
%SW1212			ON,,OFF,ON	Direct	R	R	4
%SW1213			ON,,OFF,ON	Direct	R	R	4
%SW1214			ON,,OFF,ON	Direct	R	R	4
%SW1215			ON,,OFF,ON	Direct	R	R	4
%SW1216			ON,,OFF,ON	Direct	R	R	4
%SW1217			ON,,OFF,ON	Direct	R	R	4
%SW1218			ON,,OFF,ON	Direct	R	R	4
%SW1219			ON,,OFF,ON	Direct	R	R	4
%SW1220			ON,,OFF,ON	Direct	R	R	4
%SW1221			ON,,OFF,ON	Direct	R	R	4
%SW1222			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-5
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1223			ON,,OFF,ON	Direct	R	R	4
%SW1224			ON,,OFF,ON	Direct	R	R	4
%SW1225			ON,,OFF,ON	Direct	R	R	4
%SW1226			ON,,OFF,ON	Direct	R	R	4
%SW1227			ON,,OFF,ON	Direct	R	R	4
%SW1228			ON,,OFF,ON	Direct	R	R	4
%SW1229			ON,,OFF,ON	Direct	R	R	4
%SW1230			ON,,OFF,ON	Direct	R	R	4
%SW1231			ON,,OFF,ON	Direct	R	R	4
%SW1232			ON,,OFF,ON	Direct	R	R	4
%SW1233			ON,,OFF,ON	Direct	R	R	4
%SW1234			ON,,OFF,ON	Direct	R	R	4
%SW1235			ON,,OFF,ON	Direct	R	R	4
%SW1236			ON,,OFF,ON	Direct	R	R	4
%SW1237			ON,,OFF,ON	Direct	R	R	4
%SW1238			ON,,OFF,ON	Direct	R	R	4
%SW1239			ON,,OFF,ON	Direct	R	R	4
%SW1240			ON,,OFF,ON	Direct	R	R	4
%SW1241			ON,,OFF,ON	Direct	R	R	4
%SW1242			ON,,OFF,ON	Direct	R	R	4
%SW1243			ON,,OFF,ON	Direct	R	R	4
%SW1244			ON,,OFF,ON	Direct	R	R	4
%SW1245			ON,,OFF,ON	Direct	R	R	4
%SW1246			ON,,OFF,ON	Direct	R	R	4
%SW1247			ON,,OFF,ON	Direct	R	R	4
%SW1248			ON,,OFF,ON	Direct	R	R	4
%SW1249			ON,,OFF,ON	Direct	R	R	4
%SW1250			ON,,OFF,ON	Direct	R	R	4
%SW1251			ON,,OFF,ON	Direct	R	R	4
%SW1252			ON,,OFF,ON	Direct	R	R	4
%SW1253			ON,,OFF,ON	Direct	R	R	4
%SW1254			ON,,OFF,ON	Direct	R	R	4
%SW1255			ON,,OFF,ON	Direct	R	R	4
%SW1256			ON,,OFF,ON	Direct	R	R	4
%SW1257			ON,,OFF,ON	Direct	R	R	4
%SW1258			ON,,OFF,ON	Direct	R	R	4
%SW1259			ON,,OFF,ON	Direct	R	R	4
%SW1260			ON,,OFF,ON	Direct	R	R	4
%SW1261			ON,,OFF,ON	Direct	R	R	4
%SW1262			ON,,OFF,ON	Direct	R	R	4
%SW1263			ON,,OFF,ON	Direct	R	R	4
%SW1264			ON,,OFF,ON	Direct	R	R	4
%SW1265			ON,,OFF,ON	Direct	R	R	4
%SW1266			ON,,OFF,ON	Direct	R	R	4
%SW1267			ON,,OFF,ON	Direct	R	R	4
%SW1268			ON,,OFF,ON	Direct	R	R	4
%SW1269			ON,,OFF,ON	Direct	R	R	4
%SW1270			ON,,OFF,ON	Direct	R	R	4
%SW1271			ON,,OFF,ON	Direct	R	R	4
%SW1272			ON,,OFF,ON	Direct	R	R	4
%SW1273			ON,,OFF,ON	Direct	R	R	4
%SW1274			ON,,OFF,ON	Direct	R	R	4
%SW1275			ON,,OFF,ON	Direct	R	R	4
%SW1276			ON,,OFF,ON	Direct	R	R	4
%SW1277			ON,,OFF,ON	Direct	R	R	4
%SW1278			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-6
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1279			ON,,OFF,ON	Direct	R	R	4
%SW1280			ON,,OFF,ON	Direct	R	R	4
%SW1281			ON,,OFF,ON	Direct	R	R	4
%SW1282			ON,,OFF,ON	Direct	R	R	4
%SW1283			ON,,OFF,ON	Direct	R	R	4
%SW1284			ON,,OFF,ON	Direct	R	R	4
%SW1285			ON,,OFF,ON	Direct	R	R	4
%SW1286			ON,,OFF,ON	Direct	R	R	4
%SW1287			ON,,OFF,ON	Direct	R	R	4
%SW1288			ON,,OFF,ON	Direct	R	R	4
%SW1289			ON,,OFF,ON	Direct	R	R	4
%SW1290			ON,,OFF,ON	Direct	R	R	4
%SW1291			ON,,OFF,ON	Direct	R	R	4
%SW1292			ON,,OFF,ON	Direct	R	R	4
%SW1293			ON,,OFF,ON	Direct	R	R	4
%SW1294			ON,,OFF,ON	Direct	R	R	4
%SW1295			ON,,OFF,ON	Direct	R	R	4
%SW1296			ON,,OFF,ON	Direct	R	R	4
%SW1297			ON,,OFF,ON	Direct	R	R	4
%SW1298			ON,,OFF,ON	Direct	R	R	4
%SW1299			ON,,OFF,ON	Direct	R	R	4
%SW1300			ON,,OFF,ON	Direct	R	R	4
%SW1301			ON,,OFF,ON	Direct	R	R	4
%SW1302			ON,,OFF,ON	Direct	R	R	4
%SW1303			ON,,OFF,ON	Direct	R	R	4
%SW1304			ON,,OFF,ON	Direct	R	R	4
%SW1305			ON,,OFF,ON	Direct	R	R	4
%SW1306			ON,,OFF,ON	Direct	R	R	4
%SW1307			ON,,OFF,ON	Direct	R	R	4
%SW1308			ON,,OFF,ON	Direct	R	R	4
%SW1309			ON,,OFF,ON	Direct	R	R	4
%SW1310			ON,,OFF,ON	Direct	R	R	4
%SW1311			ON,,OFF,ON	Direct	R	R	4
%SW1312			ON,,OFF,ON	Direct	R	R	4
%SW1313			ON,,OFF,ON	Direct	R	R	4
%SW1314			ON,,OFF,ON	Direct	R	R	4
%SW1315			ON,,OFF,ON	Direct	R	R	4
%SW1316			ON,,OFF,ON	Direct	R	R	4
%SW1317			ON,,OFF,ON	Direct	R	R	4
%SW1318			ON,,OFF,ON	Direct	R	R	4
%SW1319			ON,,OFF,ON	Direct	R	R	4
%SW1320			ON,,OFF,ON	Direct	R	R	4
%SW1321			ON,,OFF,ON	Direct	R	R	4
%SW1322			ON,,OFF,ON	Direct	R	R	4
%SW1323			ON,,OFF,ON	Direct	R	R	4
%SW1324			ON,,OFF,ON	Direct	R	R	4
%SW1325			ON,,OFF,ON	Direct	R	R	4
%SW1326			ON,,OFF,ON	Direct	R	R	4
%SW1327			ON,,OFF,ON	Direct	R	R	4
%SW1328			ON,,OFF,ON	Direct	R	R	4
%SW1329			ON,,OFF,ON	Direct	R	R	4
%SW1330			ON,,OFF,ON	Direct	R	R	4
%SW1331			ON,,OFF,ON	Direct	R	R	4
%SW1332			ON,,OFF,ON	Direct	R	R	4
%SW1333			ON,,OFF,ON	Direct	R	R	4
%SW1334			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1335			ON,,OFF,ON	Direct	R	R	4
%SW1336			ON,,OFF,ON	Direct	R	R	4
%SW1337			ON,,OFF,ON	Direct	R	R	4
%SW1338			ON,,OFF,ON	Direct	R	R	4
%SW1339			ON,,OFF,ON	Direct	R	R	4
%SW1340			ON,,OFF,ON	Direct	R	R	4
%SW1341			ON,,OFF,ON	Direct	R	R	4
%SW1342			ON,,OFF,ON	Direct	R	R	4
%SW1343			ON,,OFF,ON	Direct	R	R	4
%SW1344			ON,,OFF,ON	Direct	R	R	4
%SW1345			ON,,OFF,ON	Direct	R	R	4
%SW1346			ON,,OFF,ON	Direct	R	R	4
%SW1347			ON,,OFF,ON	Direct	R	R	4
%SW1348			ON,,OFF,ON	Direct	R	R	4
%SW1349			ON,,OFF,ON	Direct	R	R	4
%SW1350			ON,,OFF,ON	Direct	R	R	4
%SW1351			ON,,OFF,ON	Direct	R	R	4
%SW1352			ON,,OFF,ON	Direct	R	R	4
%SW1353			ON,,OFF,ON	Direct	R	R	4
%SW1354			ON,,OFF,ON	Direct	R	R	4
%SW1355			ON,,OFF,ON	Direct	R	R	4
%SW1356			ON,,OFF,ON	Direct	R	R	4
%SW1357			ON,,OFF,ON	Direct	R	R	4
%SW1358			ON,,OFF,ON	Direct	R	R	4
%SW1359			ON,,OFF,ON	Direct	R	R	4
%SW1360			ON,,OFF,ON	Direct	R	R	4
%SW1361			ON,,OFF,ON	Direct	R	R	4
%SW1362			ON,,OFF,ON	Direct	R	R	4
%SW1363			ON,,OFF,ON	Direct	R	R	4
%SW1364			ON,,OFF,ON	Direct	R	R	4
%SW1365			ON,,OFF,ON	Direct	R	R	4
%SW1366			ON,,OFF,ON	Direct	R	R	4
%SW1367			ON,,OFF,ON	Direct	R	R	4
%SW1368			ON,,OFF,ON	Direct	R	R	4
%SW1369			ON,,OFF,ON	Direct	R	R	4
%SW1370			ON,,OFF,ON	Direct	R	R	4
%SW1371			ON,,OFF,ON	Direct	R	R	4
%SW1372			ON,,OFF,ON	Direct	R	R	4
%SW1373			ON,,OFF,ON	Direct	R	R	4
%SW1374			ON,,OFF,ON	Direct	R	R	4
%SW1375			ON,,OFF,ON	Direct	R	R	4
%SW1376			ON,,OFF,ON	Direct	R	R	4
%SW1377			ON,,OFF,ON	Direct	R	R	4
%SW1378			ON,,OFF,ON	Direct	R	R	4
%SW1379			ON,,OFF,ON	Direct	R	R	4
%SW1380			ON,,OFF,ON	Direct	R	R	4
%SW1381			ON,,OFF,ON	Direct	R	R	4
%SW1382			ON,,OFF,ON	Direct	R	R	4
%SW1383			ON,,OFF,ON	Direct	R	R	4
%SW1384			ON,,OFF,ON	Direct	R	R	4
%SW1385			ON,,OFF,ON	Direct	R	R	4
%SW1386			ON,,OFF,ON	Direct	R	R	4
%SW1387			ON,,OFF,ON	Direct	R	R	4
%SW1388			ON,,OFF,ON	Direct	R	R	4
%SW1389			ON,,OFF,ON	Direct	R	R	4
%SW1390			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-8
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1391			ON,,OFF,ON	Direct	R	R	4
%SW1392			ON,,OFF,ON	Direct	R	R	4
%SW1393			ON,,OFF,ON	Direct	R	R	4
%SW1394			ON,,OFF,ON	Direct	R	R	4
%SW1395			ON,,OFF,ON	Direct	R	R	4
%SW1396			ON,,OFF,ON	Direct	R	R	4
%SW1397			ON,,OFF,ON	Direct	R	R	4
%SW1398			ON,,OFF,ON	Direct	R	R	4
%SW1399			ON,,OFF,ON	Direct	R	R	4
%SW1400			ON,,OFF,ON	Direct	R	R	4
%SW1401			ON,,OFF,ON	Direct	R	R	4
%SW1402			ON,,OFF,ON	Direct	R	R	4
%SW1403			ON,,OFF,ON	Direct	R	R	4
%SW1404			ON,,OFF,ON	Direct	R	R	4
%SW1405			ON,,OFF,ON	Direct	R	R	4
%SW1406			ON,,OFF,ON	Direct	R	R	4
%SW1407			ON,,OFF,ON	Direct	R	R	4
%SW1408			ON,,OFF,ON	Direct	R	R	4
%SW1409			ON,,OFF,ON	Direct	R	R	4
%SW1410			ON,,OFF,ON	Direct	R	R	4
%SW1411			ON,,OFF,ON	Direct	R	R	4
%SW1412			ON,,OFF,ON	Direct	R	R	4
%SW1413			ON,,OFF,ON	Direct	R	R	4
%SW1414			ON,,OFF,ON	Direct	R	R	4
%SW1415			ON,,OFF,ON	Direct	R	R	4
%SW1416			ON,,OFF,ON	Direct	R	R	4
%SW1417			ON,,OFF,ON	Direct	R	R	4
%SW1418			ON,,OFF,ON	Direct	R	R	4
%SW1419			ON,,OFF,ON	Direct	R	R	4
%SW1420			ON,,OFF,ON	Direct	R	R	4
%SW1421			ON,,OFF,ON	Direct	R	R	4
%SW1422			ON,,OFF,ON	Direct	R	R	4
%SW1423			ON,,OFF,ON	Direct	R	R	4
%SW1424			ON,,OFF,ON	Direct	R	R	4
%SW1425			ON,,OFF,ON	Direct	R	R	4
%SW1426			ON,,OFF,ON	Direct	R	R	4
%SW1427			ON,,OFF,ON	Direct	R	R	4
%SW1428			ON,,OFF,ON	Direct	R	R	4
%SW1429			ON,,OFF,ON	Direct	R	R	4
%SW1430			ON,,OFF,ON	Direct	R	R	4
%SW1431			ON,,OFF,ON	Direct	R	R	4
%SW1432			ON,,OFF,ON	Direct	R	R	4
%SW1433			ON,,OFF,ON	Direct	R	R	4
%SW1434			ON,,OFF,ON	Direct	R	R	4
%SW1435			ON,,OFF,ON	Direct	R	R	4
%SW1436			ON,,OFF,ON	Direct	R	R	4
%SW1437			ON,,OFF,ON	Direct	R	R	4
%SW1438			ON,,OFF,ON	Direct	R	R	4
%SW1439			ON,,OFF,ON	Direct	R	R	4
%SW1440			ON,,OFF,ON	Direct	R	R	4
%SW1441			ON,,OFF,ON	Direct	R	R	4
%SW1442			ON,,OFF,ON	Direct	R	R	4
%SW1443			ON,,OFF,ON	Direct	R	R	4
%SW1444			ON,,OFF,ON	Direct	R	R	4
%SW1445			ON,,OFF,ON	Direct	R	R	4
%SW1446			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-9
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1447			ON,,OFF,ON	Direct	R	R	4
%SW1448			ON,,OFF,ON	Direct	R	R	4
%SW1449			ON,,OFF,ON	Direct	R	R	4
%SW1450			ON,,OFF,ON	Direct	R	R	4
%SW1451			ON,,OFF,ON	Direct	R	R	4
%SW1452			ON,,OFF,ON	Direct	R	R	4
%SW1453			ON,,OFF,ON	Direct	R	R	4
%SW1454			ON,,OFF,ON	Direct	R	R	4
%SW1455			ON,,OFF,ON	Direct	R	R	4
%SW1456			ON,,OFF,ON	Direct	R	R	4
%SW1457			ON,,OFF,ON	Direct	R	R	4
%SW1458			ON,,OFF,ON	Direct	R	R	4
%SW1459			ON,,OFF,ON	Direct	R	R	4
%SW1460			ON,,OFF,ON	Direct	R	R	4
%SW1461			ON,,OFF,ON	Direct	R	R	4
%SW1462			ON,,OFF,ON	Direct	R	R	4
%SW1463			ON,,OFF,ON	Direct	R	R	4
%SW1464			ON,,OFF,ON	Direct	R	R	4
%SW1465			ON,,OFF,ON	Direct	R	R	4
%SW1466			ON,,OFF,ON	Direct	R	R	4
%SW1467			ON,,OFF,ON	Direct	R	R	4
%SW1468			ON,,OFF,ON	Direct	R	R	4
%SW1469			ON,,OFF,ON	Direct	R	R	4
%SW1470			ON,,OFF,ON	Direct	R	R	4
%SW1471			ON,,OFF,ON	Direct	R	R	4
%SW1472			ON,,OFF,ON	Direct	R	R	4
%SW1473			ON,,OFF,ON	Direct	R	R	4
%SW1474			ON,,OFF,ON	Direct	R	R	4
%SW1475			ON,,OFF,ON	Direct	R	R	4
%SW1476			ON,,OFF,ON	Direct	R	R	4
%SW1477			ON,,OFF,ON	Direct	R	R	4
%SW1478			ON,,OFF,ON	Direct	R	R	4
%SW1479			ON,,OFF,ON	Direct	R	R	4
%SW1480			ON,,OFF,ON	Direct	R	R	4
%SW1481			ON,,OFF,ON	Direct	R	R	4
%SW1482			ON,,OFF,ON	Direct	R	R	4
%SW1483			ON,,OFF,ON	Direct	R	R	4
%SW1484			ON,,OFF,ON	Direct	R	R	4
%SW1485			ON,,OFF,ON	Direct	R	R	4
%SW1486			ON,,OFF,ON	Direct	R	R	4
%SW1487			ON,,OFF,ON	Direct	R	R	4
%SW1488			ON,,OFF,ON	Direct	R	R	4
%SW1489			ON,,OFF,ON	Direct	R	R	4
%SW1490			ON,,OFF,ON	Direct	R	R	4
%SW1491			ON,,OFF,ON	Direct	R	R	4
%SW1492			ON,,OFF,ON	Direct	R	R	4
%SW1493			ON,,OFF,ON	Direct	R	R	4
%SW1494			ON,,OFF,ON	Direct	R	R	4
%SW1495			ON,,OFF,ON	Direct	R	R	4
%SW1496			ON,,OFF,ON	Direct	R	R	4
%SW1497			ON,,OFF,ON	Direct	R	R	4
%SW1498			ON,,OFF,ON	Direct	R	R	4
%SW1499			ON,,OFF,ON	Direct	R	R	4
%SW1500			ON,,OFF,ON	Direct	R	R	4
%SW1501			ON,,OFF,ON	Direct	R	R	4
%SW1502			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-10
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1503			ON,,OFF,ON	Direct	R	R	4
%SW1504			ON,,OFF,ON	Direct	R	R	4
%SW1505			ON,,OFF,ON	Direct	R	R	4
%SW1506			ON,,OFF,ON	Direct	R	R	4
%SW1507			ON,,OFF,ON	Direct	R	R	4
%SW1508			ON,,OFF,ON	Direct	R	R	4
%SW1509			ON,,OFF,ON	Direct	R	R	4
%SW1510			ON,,OFF,ON	Direct	R	R	4
%SW1511			ON,,OFF,ON	Direct	R	R	4
%SW1512			ON,,OFF,ON	Direct	R	R	4
%SW1513			ON,,OFF,ON	Direct	R	R	4
%SW1514			ON,,OFF,ON	Direct	R	R	4
%SW1515			ON,,OFF,ON	Direct	R	R	4
%SW1516			ON,,OFF,ON	Direct	R	R	4
%SW1517			ON,,OFF,ON	Direct	R	R	4
%SW1518			ON,,OFF,ON	Direct	R	R	4
%SW1519			ON,,OFF,ON	Direct	R	R	4
%SW1520			ON,,OFF,ON	Direct	R	R	4
%SW1521			ON,,OFF,ON	Direct	R	R	4
%SW1522			ON,,OFF,ON	Direct	R	R	4
%SW1523			ON,,OFF,ON	Direct	R	R	4
%SW1524			ON,,OFF,ON	Direct	R	R	4
%SW1525			ON,,OFF,ON	Direct	R	R	4
%SW1526			ON,,OFF,ON	Direct	R	R	4
%SW1527			ON,,OFF,ON	Direct	R	R	4
%SW1528			ON,,OFF,ON	Direct	R	R	4
%SW1529			ON,,OFF,ON	Direct	R	R	4
%SW1530			ON,,OFF,ON	Direct	R	R	4
%SW1531			ON,,OFF,ON	Direct	R	R	4
%SW1532			ON,,OFF,ON	Direct	R	R	4
%SW1533			ON,,OFF,ON	Direct	R	R	4
%SW1534			ON,,OFF,ON	Direct	R	R	4
%SW1535			ON,,OFF,ON	Direct	R	R	4
%SW1536			ON,,OFF,ON	Direct	R	R	4
%SW1537			ON,,OFF,ON	Direct	R	R	4
%SW1538			ON,,OFF,ON	Direct	R	R	4
%SW1539			ON,,OFF,ON	Direct	R	R	4
%SW1540			ON,,OFF,ON	Direct	R	R	4
%SW1541			ON,,OFF,ON	Direct	R	R	4
%SW1542			ON,,OFF,ON	Direct	R	R	4
%SW1543			ON,,OFF,ON	Direct	R	R	4
%SW1544			ON,,OFF,ON	Direct	R	R	4
%SW1545			ON,,OFF,ON	Direct	R	R	4
%SW1546			ON,,OFF,ON	Direct	R	R	4
%SW1547			ON,,OFF,ON	Direct	R	R	4
%SW1548			ON,,OFF,ON	Direct	R	R	4
%SW1549			ON,,OFF,ON	Direct	R	R	4
%SW1550			ON,,OFF,ON	Direct	R	R	4
%SW1551			ON,,OFF,ON	Direct	R	R	4
%SW1552			ON,,OFF,ON	Direct	R	R	4
%SW1553			ON,,OFF,ON	Direct	R	R	4
%SW1554			ON,,OFF,ON	Direct	R	R	4
%SW1555			ON,,OFF,ON	Direct	R	R	4
%SW1556			ON,,OFF,ON	Direct	R	R	4
%SW1557			ON,,OFF,ON	Direct	R	R	4
%SW1558			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1559			ON,,OFF,ON	Direct	R	R	4
%SW1560			ON,,OFF,ON	Direct	R	R	4
%SW1561			ON,,OFF,ON	Direct	R	R	4
%SW1562			ON,,OFF,ON	Direct	R	R	4
%SW1563			ON,,OFF,ON	Direct	R	R	4
%SW1564			ON,,OFF,ON	Direct	R	R	4
%SW1565			ON,,OFF,ON	Direct	R	R	4
%SW1566			ON,,OFF,ON	Direct	R	R	4
%SW1567			ON,,OFF,ON	Direct	R	R	4
%SW1568			ON,,OFF,ON	Direct	R	R	4
%SW1569			ON,,OFF,ON	Direct	R	R	4
%SW1570			ON,,OFF,ON	Direct	R	R	4
%SW1571			ON,,OFF,ON	Direct	R	R	4
%SW1572			ON,,OFF,ON	Direct	R	R	4
%SW1573			ON,,OFF,ON	Direct	R	R	4
%SW1574			ON,,OFF,ON	Direct	R	R	4
%SW1575			ON,,OFF,ON	Direct	R	R	4
%SW1576			ON,,OFF,ON	Direct	R	R	4
%SW1577			ON,,OFF,ON	Direct	R	R	4
%SW1578			ON,,OFF,ON	Direct	R	R	4
%SW1579			ON,,OFF,ON	Direct	R	R	4
%SW1580			ON,,OFF,ON	Direct	R	R	4
%SW1581			ON,,OFF,ON	Direct	R	R	4
%SW1582			ON,,OFF,ON	Direct	R	R	4
%SW1583			ON,,OFF,ON	Direct	R	R	4
%SW1584			ON,,OFF,ON	Direct	R	R	4
%SW1585			ON,,OFF,ON	Direct	R	R	4
%SW1586			ON,,OFF,ON	Direct	R	R	4
%SW1587			ON,,OFF,ON	Direct	R	R	4
%SW1588			ON,,OFF,ON	Direct	R	R	4
%SW1589			ON,,OFF,ON	Direct	R	R	4
%SW1590			ON,,OFF,ON	Direct	R	R	4
%SW1591			ON,,OFF,ON	Direct	R	R	4
%SW1592			ON,,OFF,ON	Direct	R	R	4
%SW1593			ON,,OFF,ON	Direct	R	R	4
%SW1594			ON,,OFF,ON	Direct	R	R	4
%SW1595			ON,,OFF,ON	Direct	R	R	4
%SW1596			ON,,OFF,ON	Direct	R	R	4
%SW1597			ON,,OFF,ON	Direct	R	R	4
%SW1598			ON,,OFF,ON	Direct	R	R	4
%SW1599			ON,,OFF,ON	Direct	R	R	4
%SW1600			ON,,OFF,ON	Direct	R	R	4
%SW1601			ON,,OFF,ON	Direct	R	R	4
%SW1602			ON,,OFF,ON	Direct	R	R	4
%SW1603			ON,,OFF,ON	Direct	R	R	4
%SW1604			ON,,OFF,ON	Direct	R	R	4
%SW1605			ON,,OFF,ON	Direct	R	R	4
%SW1606			ON,,OFF,ON	Direct	R	R	4
%SW1607			ON,,OFF,ON	Direct	R	R	4
%SW1608			ON,,OFF,ON	Direct	R	R	4
%SW1609			ON,,OFF,ON	Direct	R	R	4
%SW1610			ON,,OFF,ON	Direct	R	R	4
%SW1611			ON,,OFF,ON	Direct	R	R	4
%SW1612			ON,,OFF,ON	Direct	R	R	4
%SW1613			ON,,OFF,ON	Direct	R	R	4
%SW1614			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-12
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1615			ON,,OFF,ON	Direct	R	R	4
%SW1616			ON,,OFF,ON	Direct	R	R	4
%SW1617			ON,,OFF,ON	Direct	R	R	4
%SW1618			ON,,OFF,ON	Direct	R	R	4
%SW1619			ON,,OFF,ON	Direct	R	R	4
%SW1620			ON,,OFF,ON	Direct	R	R	4
%SW1621			ON,,OFF,ON	Direct	R	R	4
%SW1622			ON,,OFF,ON	Direct	R	R	4
%SW1623			ON,,OFF,ON	Direct	R	R	4
%SW1624			ON,,OFF,ON	Direct	R	R	4
%SW1625			ON,,OFF,ON	Direct	R	R	4
%SW1626			ON,,OFF,ON	Direct	R	R	4
%SW1627			ON,,OFF,ON	Direct	R	R	4
%SW1628			ON,,OFF,ON	Direct	R	R	4
%SW1629			ON,,OFF,ON	Direct	R	R	4
%SW1630			ON,,OFF,ON	Direct	R	R	4
%SW1631			ON,,OFF,ON	Direct	R	R	4
%SW1632			ON,,OFF,ON	Direct	R	R	4
%SW1633			ON,,OFF,ON	Direct	R	R	4
%SW1634			ON,,OFF,ON	Direct	R	R	4
%SW1635			ON,,OFF,ON	Direct	R	R	4
%SW1636			ON,,OFF,ON	Direct	R	R	4
%SW1637			ON,,OFF,ON	Direct	R	R	4
%SW1638			ON,,OFF,ON	Direct	R	R	4
%SW1639			ON,,OFF,ON	Direct	R	R	4
%SW1640			ON,,OFF,ON	Direct	R	R	4
%SW1641			ON,,OFF,ON	Direct	R	R	4
%SW1642			ON,,OFF,ON	Direct	R	R	4
%SW1643			ON,,OFF,ON	Direct	R	R	4
%SW1644			ON,,OFF,ON	Direct	R	R	4
%SW1645			ON,,OFF,ON	Direct	R	R	4
%SW1646			ON,,OFF,ON	Direct	R	R	4
%SW1647			ON,,OFF,ON	Direct	R	R	4
%SW1648			ON,,OFF,ON	Direct	R	R	4
%SW1649			ON,,OFF,ON	Direct	R	R	4
%SW1650			ON,,OFF,ON	Direct	R	R	4
%SW1651			ON,,OFF,ON	Direct	R	R	4
%SW1652			ON,,OFF,ON	Direct	R	R	4
%SW1653			ON,,OFF,ON	Direct	R	R	4
%SW1654			ON,,OFF,ON	Direct	R	R	4
%SW1655			ON,,OFF,ON	Direct	R	R	4
%SW1656			ON,,OFF,ON	Direct	R	R	4
%SW1657			ON,,OFF,ON	Direct	R	R	4
%SW1658			ON,,OFF,ON	Direct	R	R	4
%SW1659			ON,,OFF,ON	Direct	R	R	4
%SW1660			ON,,OFF,ON	Direct	R	R	4
%SW1661			ON,,OFF,ON	Direct	R	R	4
%SW1662			ON,,OFF,ON	Direct	R	R	4
%SW1663			ON,,OFF,ON	Direct	R	R	4
%SW1664			ON,,OFF,ON	Direct	R	R	4
%SW1665			ON,,OFF,ON	Direct	R	R	4
%SW1666			ON,,OFF,ON	Direct	R	R	4
%SW1667			ON,,OFF,ON	Direct	R	R	4
%SW1668			ON,,OFF,ON	Direct	R	R	4
%SW1669			ON,,OFF,ON	Direct	R	R	4
%SW1670			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-13
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1671			ON,,OFF,ON	Direct	R	R	4
%SW1672			ON,,OFF,ON	Direct	R	R	4
%SW1673			ON,,OFF,ON	Direct	R	R	4
%SW1674			ON,,OFF,ON	Direct	R	R	4
%SW1675			ON,,OFF,ON	Direct	R	R	4
%SW1676			ON,,OFF,ON	Direct	R	R	4
%SW1677			ON,,OFF,ON	Direct	R	R	4
%SW1678			ON,,OFF,ON	Direct	R	R	4
%SW1679			ON,,OFF,ON	Direct	R	R	4
%SW1680			ON,,OFF,ON	Direct	R	R	4
%SW1681			ON,,OFF,ON	Direct	R	R	4
%SW1682			ON,,OFF,ON	Direct	R	R	4
%SW1683			ON,,OFF,ON	Direct	R	R	4
%SW1684			ON,,OFF,ON	Direct	R	R	4
%SW1685			ON,,OFF,ON	Direct	R	R	4
%SW1686			ON,,OFF,ON	Direct	R	R	4
%SW1687			ON,,OFF,ON	Direct	R	R	4
%SW1688			ON,,OFF,ON	Direct	R	R	4
%SW1689			ON,,OFF,ON	Direct	R	R	4
%SW1690			ON,,OFF,ON	Direct	R	R	4
%SW1691			ON,,OFF,ON	Direct	R	R	4
%SW1692			ON,,OFF,ON	Direct	R	R	4
%SW1693			ON,,OFF,ON	Direct	R	R	4
%SW1694			ON,,OFF,ON	Direct	R	R	4
%SW1695			ON,,OFF,ON	Direct	R	R	4
%SW1696			ON,,OFF,ON	Direct	R	R	4
%SW1697			ON,,OFF,ON	Direct	R	R	4
%SW1698			ON,,OFF,ON	Direct	R	R	4
%SW1699			ON,,OFF,ON	Direct	R	R	4
%SW1700			ON,,OFF,ON	Direct	R	R	4
%SW1701			ON,,OFF,ON	Direct	R	R	4
%SW1702			ON,,OFF,ON	Direct	R	R	4
%SW1703			ON,,OFF,ON	Direct	R	R	4
%SW1704			ON,,OFF,ON	Direct	R	R	4
%SW1705			ON,,OFF,ON	Direct	R	R	4
%SW1706			ON,,OFF,ON	Direct	R	R	4
%SW1707			ON,,OFF,ON	Direct	R	R	4
%SW1708			ON,,OFF,ON	Direct	R	R	4
%SW1709			ON,,OFF,ON	Direct	R	R	4
%SW1710			ON,,OFF,ON	Direct	R	R	4
%SW1711			ON,,OFF,ON	Direct	R	R	4
%SW1712			ON,,OFF,ON	Direct	R	R	4
%SW1713			ON,,OFF,ON	Direct	R	R	4
%SW1714			ON,,OFF,ON	Direct	R	R	4
%SW1715			ON,,OFF,ON	Direct	R	R	4
%SW1716			ON,,OFF,ON	Direct	R	R	4
%SW1717			ON,,OFF,ON	Direct	R	R	4
%SW1718			ON,,OFF,ON	Direct	R	R	4
%SW1719			ON,,OFF,ON	Direct	R	R	4
%SW1720			ON,,OFF,ON	Direct	R	R	4
%SW1721			ON,,OFF,ON	Direct	R	R	4
%SW1722			ON,,OFF,ON	Direct	R	R	4
%SW1723			ON,,OFF,ON	Direct	R	R	4
%SW1724			ON,,OFF,ON	Direct	R	R	4
%SW1725			ON,,OFF,ON	Direct	R	R	4
%SW1726			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-14
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1727			ON,,OFF,ON	Direct	R	R	4
%SW1728			ON,,OFF,ON	Direct	R	R	4
%SW1729			ON,,OFF,ON	Direct	R	R	4
%SW1730			ON,,OFF,ON	Direct	R	R	4
%SW1731			ON,,OFF,ON	Direct	R	R	4
%SW1732			ON,,OFF,ON	Direct	R	R	4
%SW1733			ON,,OFF,ON	Direct	R	R	4
%SW1734			ON,,OFF,ON	Direct	R	R	4
%SW1735			ON,,OFF,ON	Direct	R	R	4
%SW1736			ON,,OFF,ON	Direct	R	R	4
%SW1737			ON,,OFF,ON	Direct	R	R	4
%SW1738			ON,,OFF,ON	Direct	R	R	4
%SW1739			ON,,OFF,ON	Direct	R	R	4
%SW1740			ON,,OFF,ON	Direct	R	R	4
%SW1741			ON,,OFF,ON	Direct	R	R	4
%SW1742			ON,,OFF,ON	Direct	R	R	4
%SW1743			ON,,OFF,ON	Direct	R	R	4
%SW1744			ON,,OFF,ON	Direct	R	R	4
%SW1745			ON,,OFF,ON	Direct	R	R	4
%SW1746			ON,,OFF,ON	Direct	R	R	4
%SW1747			ON,,OFF,ON	Direct	R	R	4
%SW1748			ON,,OFF,ON	Direct	R	R	4
%SW1749			ON,,OFF,ON	Direct	R	R	4
%SW1750			ON,,OFF,ON	Direct	R	R	4
%SW1751			ON,,OFF,ON	Direct	R	R	4
%SW1752			ON,,OFF,ON	Direct	R	R	4
%SW1753			ON,,OFF,ON	Direct	R	R	4
%SW1754			ON,,OFF,ON	Direct	R	R	4
%SW1755			ON,,OFF,ON	Direct	R	R	4
%SW1756			ON,,OFF,ON	Direct	R	R	4
%SW1757			ON,,OFF,ON	Direct	R	R	4
%SW1758			ON,,OFF,ON	Direct	R	R	4
%SW1759			ON,,OFF,ON	Direct	R	R	4
%SW1760			ON,,OFF,ON	Direct	R	R	4
%SW1761			ON,,OFF,ON	Direct	R	R	4
%SW1762			ON,,OFF,ON	Direct	R	R	4
%SW1763			ON,,OFF,ON	Direct	R	R	4
%SW1764			ON,,OFF,ON	Direct	R	R	4
%SW1765			ON,,OFF,ON	Direct	R	R	4
%SW1766			ON,,OFF,ON	Direct	R	R	4
%SW1767			ON,,OFF,ON	Direct	R	R	4
%SW1768			ON,,OFF,ON	Direct	R	R	4
%SW1769			ON,,OFF,ON	Direct	R	R	4
%SW1770			ON,,OFF,ON	Direct	R	R	4
%SW1771			ON,,OFF,ON	Direct	R	R	4
%SW1772			ON,,OFF,ON	Direct	R	R	4
%SW1773			ON,,OFF,ON	Direct	R	R	4
%SW1774			ON,,OFF,ON	Direct	R	R	4
%SW1775			ON,,OFF,ON	Direct	R	R	4
%SW1776			ON,,OFF,ON	Direct	R	R	4
%SW1777			ON,,OFF,ON	Direct	R	R	4
%SW1778			ON,,OFF,ON	Direct	R	R	4
%SW1779			ON,,OFF,ON	Direct	R	R	4
%SW1780			ON,,OFF,ON	Direct	R	R	4
%SW1781			ON,,OFF,ON	Direct	R	R	4
%SW1782			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1783			ON,,OFF,ON	Direct	R	R	4
%SW1784			ON,,OFF,ON	Direct	R	R	4
%SW1785			ON,,OFF,ON	Direct	R	R	4
%SW1786			ON,,OFF,ON	Direct	R	R	4
%SW1787			ON,,OFF,ON	Direct	R	R	4
%SW1788			ON,,OFF,ON	Direct	R	R	4
%SW1789			ON,,OFF,ON	Direct	R	R	4
%SW1790			ON,,OFF,ON	Direct	R	R	4
%SW1791			ON,,OFF,ON	Direct	R	R	4
%SW1792			ON,,OFF,ON	Direct	R	R	4
%SW1793			ON,,OFF,ON	Direct	R	R	4
%SW1794			ON,,OFF,ON	Direct	R	R	4
%SW1795			ON,,OFF,ON	Direct	R	R	4
%SW1796			ON,,OFF,ON	Direct	R	R	4
%SW1797			ON,,OFF,ON	Direct	R	R	4
%SW1798			ON,,OFF,ON	Direct	R	R	4
%SW1799			ON,,OFF,ON	Direct	R	R	4
%SW1800			ON,,OFF,ON	Direct	R	R	4
%SW1801			ON,,OFF,ON	Direct	R	R	4
%SW1802			ON,,OFF,ON	Direct	R	R	4
%SW1803			ON,,OFF,ON	Direct	R	R	4
%SW1804			ON,,OFF,ON	Direct	R	R	4
%SW1805			ON,,OFF,ON	Direct	R	R	4
%SW1806			ON,,OFF,ON	Direct	R	R	4
%SW1807			ON,,OFF,ON	Direct	R	R	4
%SW1808			ON,,OFF,ON	Direct	R	R	4
%SW1809			ON,,OFF,ON	Direct	R	R	4
%SW1810			ON,,OFF,ON	Direct	R	R	4
%SW1811			ON,,OFF,ON	Direct	R	R	4
%SW1812			ON,,OFF,ON	Direct	R	R	4
%SW1813			ON,,OFF,ON	Direct	R	R	4
%SW1814			ON,,OFF,ON	Direct	R	R	4
%SW1815			ON,,OFF,ON	Direct	R	R	4
%SW1816			ON,,OFF,ON	Direct	R	R	4
%SW1817			ON,,OFF,ON	Direct	R	R	4
%SW1818			ON,,OFF,ON	Direct	R	R	4
%SW1819			ON,,OFF,ON	Direct	R	R	4
%SW1820			ON,,OFF,ON	Direct	R	R	4
%SW1821			ON,,OFF,ON	Direct	R	R	4
%SW1822			ON,,OFF,ON	Direct	R	R	4
%SW1823			ON,,OFF,ON	Direct	R	R	4
%SW1824			ON,,OFF,ON	Direct	R	R	4
%SW1825			ON,,OFF,ON	Direct	R	R	4
%SW1826			ON,,OFF,ON	Direct	R	R	4
%SW1827			ON,,OFF,ON	Direct	R	R	4
%SW1828			ON,,OFF,ON	Direct	R	R	4
%SW1829			ON,,OFF,ON	Direct	R	R	4
%SW1830			ON,,OFF,ON	Direct	R	R	4
%SW1831			ON,,OFF,ON	Direct	R	R	4
%SW1832			ON,,OFF,ON	Direct	R	R	4
%SW1833			ON,,OFF,ON	Direct	R	R	4
%SW1834			ON,,OFF,ON	Direct	R	R	4
%SW1835			ON,,OFF,ON	Direct	R	R	4
%SW1836			ON,,OFF,ON	Direct	R	R	4
%SW1837			ON,,OFF,ON	Direct	R	R	4
%SW1838			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-16
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1839			ON,,OFF,ON	Direct	R	R	4
%SW1840			ON,,OFF,ON	Direct	R	R	4
%SW1841			ON,,OFF,ON	Direct	R	R	4
%SW1842			ON,,OFF,ON	Direct	R	R	4
%SW1843			ON,,OFF,ON	Direct	R	R	4
%SW1844			ON,,OFF,ON	Direct	R	R	4
%SW1845			ON,,OFF,ON	Direct	R	R	4
%SW1846			ON,,OFF,ON	Direct	R	R	4
%SW1847			ON,,OFF,ON	Direct	R	R	4
%SW1848			ON,,OFF,ON	Direct	R	R	4
%SW1849			ON,,OFF,ON	Direct	R	R	4
%SW1850			ON,,OFF,ON	Direct	R	R	4
%SW1851			ON,,OFF,ON	Direct	R	R	4
%SW1852			ON,,OFF,ON	Direct	R	R	4
%SW1853			ON,,OFF,ON	Direct	R	R	4
%SW1854			ON,,OFF,ON	Direct	R	R	4
%SW1855			ON,,OFF,ON	Direct	R	R	4
%SW1856			ON,,OFF,ON	Direct	R	R	4
%SW1857			ON,,OFF,ON	Direct	R	R	4
%SW1858			ON,,OFF,ON	Direct	R	R	4
%SW1859			ON,,OFF,ON	Direct	R	R	4
%SW1860			ON,,OFF,ON	Direct	R	R	4
%SW1861			ON,,OFF,ON	Direct	R	R	4
%SW1862			ON,,OFF,ON	Direct	R	R	4
%SW1863			ON,,OFF,ON	Direct	R	R	4
%SW1864			ON,,OFF,ON	Direct	R	R	4
%SW1865			ON,,OFF,ON	Direct	R	R	4
%SW1866			ON,,OFF,ON	Direct	R	R	4
%SW1867			ON,,OFF,ON	Direct	R	R	4
%SW1868			ON,,OFF,ON	Direct	R	R	4
%SW1869			ON,,OFF,ON	Direct	R	R	4
%SW1870			ON,,OFF,ON	Direct	R	R	4
%SW1871			ON,,OFF,ON	Direct	R	R	4
%SW1872			ON,,OFF,ON	Direct	R	R	4
%SW1873			ON,,OFF,ON	Direct	R	R	4
%SW1874			ON,,OFF,ON	Direct	R	R	4
%SW1875			ON,,OFF,ON	Direct	R	R	4
%SW1876			ON,,OFF,ON	Direct	R	R	4
%SW1877			ON,,OFF,ON	Direct	R	R	4
%SW1878			ON,,OFF,ON	Direct	R	R	4
%SW1879			ON,,OFF,ON	Direct	R	R	4
%SW1880			ON,,OFF,ON	Direct	R	R	4
%SW1881			ON,,OFF,ON	Direct	R	R	4
%SW1882			ON,,OFF,ON	Direct	R	R	4
%SW1883			ON,,OFF,ON	Direct	R	R	4
%SW1884			ON,,OFF,ON	Direct	R	R	4
%SW1885			ON,,OFF,ON	Direct	R	R	4
%SW1886			ON,,OFF,ON	Direct	R	R	4
%SW1887			ON,,OFF,ON	Direct	R	R	4
%SW1888			ON,,OFF,ON	Direct	R	R	4
%SW1889			ON,,OFF,ON	Direct	R	R	4
%SW1890			ON,,OFF,ON	Direct	R	R	4
%SW1891			ON,,OFF,ON	Direct	R	R	4
%SW1892			ON,,OFF,ON	Direct	R	R	4
%SW1893			ON,,OFF,ON	Direct	R	R	4
%SW1894			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-17
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1895			ON,,OFF,ON	Direct	R	R	4
%SW1896			ON,,OFF,ON	Direct	R	R	4
%SW1897			ON,,OFF,ON	Direct	R	R	4
%SW1898			ON,,OFF,ON	Direct	R	R	4
%SW1899			ON,,OFF,ON	Direct	R	R	4
%SW1900			ON,,OFF,ON	Direct	R	R	4
%SW1901			ON,,OFF,ON	Direct	R	R	4
%SW1902			ON,,OFF,ON	Direct	R	R	4
%SW1903			ON,,OFF,ON	Direct	R	R	4
%SW1904			ON,,OFF,ON	Direct	R	R	4
%SW1905			ON,,OFF,ON	Direct	R	R	4
%SW1906			ON,,OFF,ON	Direct	R	R	4
%SW1907			ON,,OFF,ON	Direct	R	R	4
%SW1908			ON,,OFF,ON	Direct	R	R	4
%SW1909			ON,,OFF,ON	Direct	R	R	4
%SW1910			ON,,OFF,ON	Direct	R	R	4
%SW1911			ON,,OFF,ON	Direct	R	R	4
%SW1912			ON,,OFF,ON	Direct	R	R	4
%SW1913			ON,,OFF,ON	Direct	R	R	4
%SW1914			ON,,OFF,ON	Direct	R	R	4
%SW1915			ON,,OFF,ON	Direct	R	R	4
%SW1916			ON,,OFF,ON	Direct	R	R	4
%SW1917			ON,,OFF,ON	Direct	R	R	4
%SW1918			ON,,OFF,ON	Direct	R	R	4
%SW1919			ON,,OFF,ON	Direct	R	R	4
%SW1920			ON,,OFF,ON	Direct	R	R	4
%SW1921			ON,,OFF,ON	Direct	R	R	4
%SW1922			ON,,OFF,ON	Direct	R	R	4
%SW1923			ON,,OFF,ON	Direct	R	R	4
%SW1924			ON,,OFF,ON	Direct	R	R	4
%SW1925			ON,,OFF,ON	Direct	R	R	4
%SW1926			ON,,OFF,ON	Direct	R	R	4
%SW1927			ON,,OFF,ON	Direct	R	R	4
%SW1928			ON,,OFF,ON	Direct	R	R	4
%SW1929			ON,,OFF,ON	Direct	R	R	4
%SW1930			ON,,OFF,ON	Direct	R	R	4
%SW1931			ON,,OFF,ON	Direct	R	R	4
%SW1932			ON,,OFF,ON	Direct	R	R	4
%SW1933			ON,,OFF,ON	Direct	R	R	4
%SW1934			ON,,OFF,ON	Direct	R	R	4
%SW1935			ON,,OFF,ON	Direct	R	R	4
%SW1936			ON,,OFF,ON	Direct	R	R	4
%SW1937			ON,,OFF,ON	Direct	R	R	4
%SW1938			ON,,OFF,ON	Direct	R	R	4
%SW1939			ON,,OFF,ON	Direct	R	R	4
%SW1940			ON,,OFF,ON	Direct	R	R	4
%SW1941			ON,,OFF,ON	Direct	R	R	4
%SW1942			ON,,OFF,ON	Direct	R	R	4
%SW1943			ON,,OFF,ON	Direct	R	R	4
%SW1944			ON,,OFF,ON	Direct	R	R	4
%SW1945			ON,,OFF,ON	Direct	R	R	4
%SW1946			ON,,OFF,ON	Direct	R	R	4
%SW1947			ON,,OFF,ON	Direct	R	R	4
%SW1948			ON,,OFF,ON	Direct	R	R	4
%SW1949			ON,,OFF,ON	Direct	R	R	4
%SW1950			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef2.edf	SHEET:		YOKOGAWA	PAGE:3-12-18
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch2	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW1951			ON,,OFF,ON	Direct	R	R	4
%SW1952			ON,,OFF,ON	Direct	R	R	4
%SW1953			ON,,OFF,ON	Direct	R	R	4
%SW1954			ON,,OFF,ON	Direct	R	R	4
%SW1955			ON,,OFF,ON	Direct	R	R	4
%SW1956			ON,,OFF,ON	Direct	R	R	4
%SW1957			ON,,OFF,ON	Direct	R	R	4
%SW1958			ON,,OFF,ON	Direct	R	R	4
%SW1959			ON,,OFF,ON	Direct	R	R	4
%SW1960			ON,,OFF,ON	Direct	R	R	4
%SW1961			ON,,OFF,ON	Direct	R	R	4
%SW1962			ON,,OFF,ON	Direct	R	R	4
%SW1963			ON,,OFF,ON	Direct	R	R	4
%SW1964			ON,,OFF,ON	Direct	R	R	4
%SW1965			ON,,OFF,ON	Direct	R	R	4
%SW1966			ON,,OFF,ON	Direct	R	R	4
%SW1967			ON,,OFF,ON	Direct	R	R	4
%SW1968			ON,,OFF,ON	Direct	R	R	4
%SW1969			ON,,OFF,ON	Direct	R	R	4
%SW1970			ON,,OFF,ON	Direct	R	R	4
%SW1971			ON,,OFF,ON	Direct	R	R	4
%SW1972			ON,,OFF,ON	Direct	R	R	4
%SW1973			ON,,OFF,ON	Direct	R	R	4
%SW1974			ON,,OFF,ON	Direct	R	R	4
%SW1975			ON,,OFF,ON	Direct	R	R	4
%SW1976			ON,,OFF,ON	Direct	R	R	4
%SW1977			ON,,OFF,ON	Direct	R	R	4
%SW1978			ON,,OFF,ON	Direct	R	R	4
%SW1979			ON,,OFF,ON	Direct	R	R	4
%SW1980			ON,,OFF,ON	Direct	R	R	4
%SW1981			ON,,OFF,ON	Direct	R	R	4
%SW1982			ON,,OFF,ON	Direct	R	R	4
%SW1983			ON,,OFF,ON	Direct	R	R	4
%SW1984			ON,,OFF,ON	Direct	R	R	4
%SW1985			ON,,OFF,ON	Direct	R	R	4
%SW1986			ON,,OFF,ON	Direct	R	R	4
%SW1987			ON,,OFF,ON	Direct	R	R	4
%SW1988			ON,,OFF,ON	Direct	R	R	4
%SW1989			ON,,OFF,ON	Direct	R	R	4
%SW1990			ON,,OFF,ON	Direct	R	R	4
%SW1991			ON,,OFF,ON	Direct	R	R	4
%SW1992			ON,,OFF,ON	Direct	R	R	4
%SW1993			ON,,OFF,ON	Direct	R	R	4
%SW1994			ON,,OFF,ON	Direct	R	R	4
%SW1995			ON,,OFF,ON	Direct	R	R	4
%SW1996			ON,,OFF,ON	Direct	R	R	4
%SW1997			ON,,OFF,ON	Direct	R	R	4
%SW1998			ON,,OFF,ON	Direct	R	R	4
%SW1999			ON,,OFF,ON	Direct	R	R	4
%SW2000			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-1
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Common Switch Builder

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2001			ON,,OFF,ON	Direct	R	R	4
%SW2002			ON,,OFF,ON	Direct	R	R	4
%SW2003			ON,,OFF,ON	Direct	R	R	4
%SW2004			ON,,OFF,ON	Direct	R	R	4
%SW2005			ON,,OFF,ON	Direct	R	R	4
%SW2006			ON,,OFF,ON	Direct	R	R	4
%SW2007			ON,,OFF,ON	Direct	R	R	4
%SW2008			ON,,OFF,ON	Direct	R	R	4
%SW2009			ON,,OFF,ON	Direct	R	R	4
%SW2010			ON,,OFF,ON	Direct	R	R	4
%SW2011			ON,,OFF,ON	Direct	R	R	4
%SW2012			ON,,OFF,ON	Direct	R	R	4
%SW2013			ON,,OFF,ON	Direct	R	R	4
%SW2014			ON,,OFF,ON	Direct	R	R	4
%SW2015			ON,,OFF,ON	Direct	R	R	4
%SW2016			ON,,OFF,ON	Direct	R	R	4
%SW2017			ON,,OFF,ON	Direct	R	R	4
%SW2018			ON,,OFF,ON	Direct	R	R	4
%SW2019			ON,,OFF,ON	Direct	R	R	4
%SW2020			ON,,OFF,ON	Direct	R	R	4
%SW2021			ON,,OFF,ON	Direct	R	R	4
%SW2022			ON,,OFF,ON	Direct	R	R	4
%SW2023			ON,,OFF,ON	Direct	R	R	4
%SW2024			ON,,OFF,ON	Direct	R	R	4
%SW2025			ON,,OFF,ON	Direct	R	R	4
%SW2026			ON,,OFF,ON	Direct	R	R	4
%SW2027			ON,,OFF,ON	Direct	R	R	4
%SW2028			ON,,OFF,ON	Direct	R	R	4
%SW2029			ON,,OFF,ON	Direct	R	R	4
%SW2030			ON,,OFF,ON	Direct	R	R	4
%SW2031			ON,,OFF,ON	Direct	R	R	4
%SW2032			ON,,OFF,ON	Direct	R	R	4
%SW2033			ON,,OFF,ON	Direct	R	R	4
%SW2034			ON,,OFF,ON	Direct	R	R	4
%SW2035			ON,,OFF,ON	Direct	R	R	4
%SW2036			ON,,OFF,ON	Direct	R	R	4
%SW2037			ON,,OFF,ON	Direct	R	R	4
%SW2038			ON,,OFF,ON	Direct	R	R	4
%SW2039			ON,,OFF,ON	Direct	R	R	4
%SW2040			ON,,OFF,ON	Direct	R	R	4
%SW2041			ON,,OFF,ON	Direct	R	R	4
%SW2042			ON,,OFF,ON	Direct	R	R	4
%SW2043			ON,,OFF,ON	Direct	R	R	4
%SW2044			ON,,OFF,ON	Direct	R	R	4
%SW2045			ON,,OFF,ON	Direct	R	R	4
%SW2046			ON,,OFF,ON	Direct	R	R	4
%SW2047			ON,,OFF,ON	Direct	R	R	4
%SW2048			ON,,OFF,ON	Direct	R	R	4
%SW2049			ON,,OFF,ON	Direct	R	R	4
%SW2050			ON,,OFF,ON	Direct	R	R	4
%SW2051			ON,,OFF,ON	Direct	R	R	4
%SW2052			ON,,OFF,ON	Direct	R	R	4
%SW2053			ON,,OFF,ON	Direct	R	R	4
%SW2054			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-2
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2055			ON,,OFF,ON	Direct	R	R	4
%SW2056			ON,,OFF,ON	Direct	R	R	4
%SW2057			ON,,OFF,ON	Direct	R	R	4
%SW2058			ON,,OFF,ON	Direct	R	R	4
%SW2059			ON,,OFF,ON	Direct	R	R	4
%SW2060			ON,,OFF,ON	Direct	R	R	4
%SW2061			ON,,OFF,ON	Direct	R	R	4
%SW2062			ON,,OFF,ON	Direct	R	R	4
%SW2063			ON,,OFF,ON	Direct	R	R	4
%SW2064			ON,,OFF,ON	Direct	R	R	4
%SW2065			ON,,OFF,ON	Direct	R	R	4
%SW2066			ON,,OFF,ON	Direct	R	R	4
%SW2067			ON,,OFF,ON	Direct	R	R	4
%SW2068			ON,,OFF,ON	Direct	R	R	4
%SW2069			ON,,OFF,ON	Direct	R	R	4
%SW2070			ON,,OFF,ON	Direct	R	R	4
%SW2071			ON,,OFF,ON	Direct	R	R	4
%SW2072			ON,,OFF,ON	Direct	R	R	4
%SW2073			ON,,OFF,ON	Direct	R	R	4
%SW2074			ON,,OFF,ON	Direct	R	R	4
%SW2075			ON,,OFF,ON	Direct	R	R	4
%SW2076			ON,,OFF,ON	Direct	R	R	4
%SW2077			ON,,OFF,ON	Direct	R	R	4
%SW2078			ON,,OFF,ON	Direct	R	R	4
%SW2079			ON,,OFF,ON	Direct	R	R	4
%SW2080			ON,,OFF,ON	Direct	R	R	4
%SW2081			ON,,OFF,ON	Direct	R	R	4
%SW2082			ON,,OFF,ON	Direct	R	R	4
%SW2083			ON,,OFF,ON	Direct	R	R	4
%SW2084			ON,,OFF,ON	Direct	R	R	4
%SW2085			ON,,OFF,ON	Direct	R	R	4
%SW2086			ON,,OFF,ON	Direct	R	R	4
%SW2087			ON,,OFF,ON	Direct	R	R	4
%SW2088			ON,,OFF,ON	Direct	R	R	4
%SW2089			ON,,OFF,ON	Direct	R	R	4
%SW2090			ON,,OFF,ON	Direct	R	R	4
%SW2091			ON,,OFF,ON	Direct	R	R	4
%SW2092			ON,,OFF,ON	Direct	R	R	4
%SW2093			ON,,OFF,ON	Direct	R	R	4
%SW2094			ON,,OFF,ON	Direct	R	R	4
%SW2095			ON,,OFF,ON	Direct	R	R	4
%SW2096			ON,,OFF,ON	Direct	R	R	4
%SW2097			ON,,OFF,ON	Direct	R	R	4
%SW2098			ON,,OFF,ON	Direct	R	R	4
%SW2099			ON,,OFF,ON	Direct	R	R	4
%SW2100			ON,,OFF,ON	Direct	R	R	4
%SW2101			ON,,OFF,ON	Direct	R	R	4
%SW2102			ON,,OFF,ON	Direct	R	R	4
%SW2103			ON,,OFF,ON	Direct	R	R	4
%SW2104			ON,,OFF,ON	Direct	R	R	4
%SW2105			ON,,OFF,ON	Direct	R	R	4
%SW2106			ON,,OFF,ON	Direct	R	R	4
%SW2107			ON,,OFF,ON	Direct	R	R	4
%SW2108			ON,,OFF,ON	Direct	R	R	4
%SW2109			ON,,OFF,ON	Direct	R	R	4
%SW2110			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-3
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2111			ON,,OFF,ON	Direct	R	R	4
%SW2112			ON,,OFF,ON	Direct	R	R	4
%SW2113			ON,,OFF,ON	Direct	R	R	4
%SW2114			ON,,OFF,ON	Direct	R	R	4
%SW2115			ON,,OFF,ON	Direct	R	R	4
%SW2116			ON,,OFF,ON	Direct	R	R	4
%SW2117			ON,,OFF,ON	Direct	R	R	4
%SW2118			ON,,OFF,ON	Direct	R	R	4
%SW2119			ON,,OFF,ON	Direct	R	R	4
%SW2120			ON,,OFF,ON	Direct	R	R	4
%SW2121			ON,,OFF,ON	Direct	R	R	4
%SW2122			ON,,OFF,ON	Direct	R	R	4
%SW2123			ON,,OFF,ON	Direct	R	R	4
%SW2124			ON,,OFF,ON	Direct	R	R	4
%SW2125			ON,,OFF,ON	Direct	R	R	4
%SW2126			ON,,OFF,ON	Direct	R	R	4
%SW2127			ON,,OFF,ON	Direct	R	R	4
%SW2128			ON,,OFF,ON	Direct	R	R	4
%SW2129			ON,,OFF,ON	Direct	R	R	4
%SW2130			ON,,OFF,ON	Direct	R	R	4
%SW2131			ON,,OFF,ON	Direct	R	R	4
%SW2132			ON,,OFF,ON	Direct	R	R	4
%SW2133			ON,,OFF,ON	Direct	R	R	4
%SW2134			ON,,OFF,ON	Direct	R	R	4
%SW2135			ON,,OFF,ON	Direct	R	R	4
%SW2136			ON,,OFF,ON	Direct	R	R	4
%SW2137			ON,,OFF,ON	Direct	R	R	4
%SW2138			ON,,OFF,ON	Direct	R	R	4
%SW2139			ON,,OFF,ON	Direct	R	R	4
%SW2140			ON,,OFF,ON	Direct	R	R	4
%SW2141			ON,,OFF,ON	Direct	R	R	4
%SW2142			ON,,OFF,ON	Direct	R	R	4
%SW2143			ON,,OFF,ON	Direct	R	R	4
%SW2144			ON,,OFF,ON	Direct	R	R	4
%SW2145			ON,,OFF,ON	Direct	R	R	4
%SW2146			ON,,OFF,ON	Direct	R	R	4
%SW2147			ON,,OFF,ON	Direct	R	R	4
%SW2148			ON,,OFF,ON	Direct	R	R	4
%SW2149			ON,,OFF,ON	Direct	R	R	4
%SW2150			ON,,OFF,ON	Direct	R	R	4
%SW2151			ON,,OFF,ON	Direct	R	R	4
%SW2152			ON,,OFF,ON	Direct	R	R	4
%SW2153			ON,,OFF,ON	Direct	R	R	4
%SW2154			ON,,OFF,ON	Direct	R	R	4
%SW2155			ON,,OFF,ON	Direct	R	R	4
%SW2156			ON,,OFF,ON	Direct	R	R	4
%SW2157			ON,,OFF,ON	Direct	R	R	4
%SW2158			ON,,OFF,ON	Direct	R	R	4
%SW2159			ON,,OFF,ON	Direct	R	R	4
%SW2160			ON,,OFF,ON	Direct	R	R	4
%SW2161			ON,,OFF,ON	Direct	R	R	4
%SW2162			ON,,OFF,ON	Direct	R	R	4
%SW2163			ON,,OFF,ON	Direct	R	R	4
%SW2164			ON,,OFF,ON	Direct	R	R	4
%SW2165			ON,,OFF,ON	Direct	R	R	4
%SW2166			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-4
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2167			ON,,OFF,ON	Direct	R	R	4
%SW2168			ON,,OFF,ON	Direct	R	R	4
%SW2169			ON,,OFF,ON	Direct	R	R	4
%SW2170			ON,,OFF,ON	Direct	R	R	4
%SW2171			ON,,OFF,ON	Direct	R	R	4
%SW2172			ON,,OFF,ON	Direct	R	R	4
%SW2173			ON,,OFF,ON	Direct	R	R	4
%SW2174			ON,,OFF,ON	Direct	R	R	4
%SW2175			ON,,OFF,ON	Direct	R	R	4
%SW2176			ON,,OFF,ON	Direct	R	R	4
%SW2177			ON,,OFF,ON	Direct	R	R	4
%SW2178			ON,,OFF,ON	Direct	R	R	4
%SW2179			ON,,OFF,ON	Direct	R	R	4
%SW2180			ON,,OFF,ON	Direct	R	R	4
%SW2181			ON,,OFF,ON	Direct	R	R	4
%SW2182			ON,,OFF,ON	Direct	R	R	4
%SW2183			ON,,OFF,ON	Direct	R	R	4
%SW2184			ON,,OFF,ON	Direct	R	R	4
%SW2185			ON,,OFF,ON	Direct	R	R	4
%SW2186			ON,,OFF,ON	Direct	R	R	4
%SW2187			ON,,OFF,ON	Direct	R	R	4
%SW2188			ON,,OFF,ON	Direct	R	R	4
%SW2189			ON,,OFF,ON	Direct	R	R	4
%SW2190			ON,,OFF,ON	Direct	R	R	4
%SW2191			ON,,OFF,ON	Direct	R	R	4
%SW2192			ON,,OFF,ON	Direct	R	R	4
%SW2193			ON,,OFF,ON	Direct	R	R	4
%SW2194			ON,,OFF,ON	Direct	R	R	4
%SW2195			ON,,OFF,ON	Direct	R	R	4
%SW2196			ON,,OFF,ON	Direct	R	R	4
%SW2197			ON,,OFF,ON	Direct	R	R	4
%SW2198			ON,,OFF,ON	Direct	R	R	4
%SW2199			ON,,OFF,ON	Direct	R	R	4
%SW2200			ON,,OFF,ON	Direct	R	R	4
%SW2201			ON,,OFF,ON	Direct	R	R	4
%SW2202			ON,,OFF,ON	Direct	R	R	4
%SW2203			ON,,OFF,ON	Direct	R	R	4
%SW2204			ON,,OFF,ON	Direct	R	R	4
%SW2205			ON,,OFF,ON	Direct	R	R	4
%SW2206			ON,,OFF,ON	Direct	R	R	4
%SW2207			ON,,OFF,ON	Direct	R	R	4
%SW2208			ON,,OFF,ON	Direct	R	R	4
%SW2209			ON,,OFF,ON	Direct	R	R	4
%SW2210			ON,,OFF,ON	Direct	R	R	4
%SW2211			ON,,OFF,ON	Direct	R	R	4
%SW2212			ON,,OFF,ON	Direct	R	R	4
%SW2213			ON,,OFF,ON	Direct	R	R	4
%SW2214			ON,,OFF,ON	Direct	R	R	4
%SW2215			ON,,OFF,ON	Direct	R	R	4
%SW2216			ON,,OFF,ON	Direct	R	R	4
%SW2217			ON,,OFF,ON	Direct	R	R	4
%SW2218			ON,,OFF,ON	Direct	R	R	4
%SW2219			ON,,OFF,ON	Direct	R	R	4
%SW2220			ON,,OFF,ON	Direct	R	R	4
%SW2221			ON,,OFF,ON	Direct	R	R	4
%SW2222			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-5
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2223			ON,,OFF,ON	Direct	R	R	4
%SW2224			ON,,OFF,ON	Direct	R	R	4
%SW2225			ON,,OFF,ON	Direct	R	R	4
%SW2226			ON,,OFF,ON	Direct	R	R	4
%SW2227			ON,,OFF,ON	Direct	R	R	4
%SW2228			ON,,OFF,ON	Direct	R	R	4
%SW2229			ON,,OFF,ON	Direct	R	R	4
%SW2230			ON,,OFF,ON	Direct	R	R	4
%SW2231			ON,,OFF,ON	Direct	R	R	4
%SW2232			ON,,OFF,ON	Direct	R	R	4
%SW2233			ON,,OFF,ON	Direct	R	R	4
%SW2234			ON,,OFF,ON	Direct	R	R	4
%SW2235			ON,,OFF,ON	Direct	R	R	4
%SW2236			ON,,OFF,ON	Direct	R	R	4
%SW2237			ON,,OFF,ON	Direct	R	R	4
%SW2238			ON,,OFF,ON	Direct	R	R	4
%SW2239			ON,,OFF,ON	Direct	R	R	4
%SW2240			ON,,OFF,ON	Direct	R	R	4
%SW2241			ON,,OFF,ON	Direct	R	R	4
%SW2242			ON,,OFF,ON	Direct	R	R	4
%SW2243			ON,,OFF,ON	Direct	R	R	4
%SW2244			ON,,OFF,ON	Direct	R	R	4
%SW2245			ON,,OFF,ON	Direct	R	R	4
%SW2246			ON,,OFF,ON	Direct	R	R	4
%SW2247			ON,,OFF,ON	Direct	R	R	4
%SW2248			ON,,OFF,ON	Direct	R	R	4
%SW2249			ON,,OFF,ON	Direct	R	R	4
%SW2250			ON,,OFF,ON	Direct	R	R	4
%SW2251			ON,,OFF,ON	Direct	R	R	4
%SW2252			ON,,OFF,ON	Direct	R	R	4
%SW2253			ON,,OFF,ON	Direct	R	R	4
%SW2254			ON,,OFF,ON	Direct	R	R	4
%SW2255			ON,,OFF,ON	Direct	R	R	4
%SW2256			ON,,OFF,ON	Direct	R	R	4
%SW2257			ON,,OFF,ON	Direct	R	R	4
%SW2258			ON,,OFF,ON	Direct	R	R	4
%SW2259			ON,,OFF,ON	Direct	R	R	4
%SW2260			ON,,OFF,ON	Direct	R	R	4
%SW2261			ON,,OFF,ON	Direct	R	R	4
%SW2262			ON,,OFF,ON	Direct	R	R	4
%SW2263			ON,,OFF,ON	Direct	R	R	4
%SW2264			ON,,OFF,ON	Direct	R	R	4
%SW2265			ON,,OFF,ON	Direct	R	R	4
%SW2266			ON,,OFF,ON	Direct	R	R	4
%SW2267			ON,,OFF,ON	Direct	R	R	4
%SW2268			ON,,OFF,ON	Direct	R	R	4
%SW2269			ON,,OFF,ON	Direct	R	R	4
%SW2270			ON,,OFF,ON	Direct	R	R	4
%SW2271			ON,,OFF,ON	Direct	R	R	4
%SW2272			ON,,OFF,ON	Direct	R	R	4
%SW2273			ON,,OFF,ON	Direct	R	R	4
%SW2274			ON,,OFF,ON	Direct	R	R	4
%SW2275			ON,,OFF,ON	Direct	R	R	4
%SW2276			ON,,OFF,ON	Direct	R	R	4
%SW2277			ON,,OFF,ON	Direct	R	R	4
%SW2278			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-6
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2279			ON,,OFF,ON	Direct	R	R	4
%SW2280			ON,,OFF,ON	Direct	R	R	4
%SW2281			ON,,OFF,ON	Direct	R	R	4
%SW2282			ON,,OFF,ON	Direct	R	R	4
%SW2283			ON,,OFF,ON	Direct	R	R	4
%SW2284			ON,,OFF,ON	Direct	R	R	4
%SW2285			ON,,OFF,ON	Direct	R	R	4
%SW2286			ON,,OFF,ON	Direct	R	R	4
%SW2287			ON,,OFF,ON	Direct	R	R	4
%SW2288			ON,,OFF,ON	Direct	R	R	4
%SW2289			ON,,OFF,ON	Direct	R	R	4
%SW2290			ON,,OFF,ON	Direct	R	R	4
%SW2291			ON,,OFF,ON	Direct	R	R	4
%SW2292			ON,,OFF,ON	Direct	R	R	4
%SW2293			ON,,OFF,ON	Direct	R	R	4
%SW2294			ON,,OFF,ON	Direct	R	R	4
%SW2295			ON,,OFF,ON	Direct	R	R	4
%SW2296			ON,,OFF,ON	Direct	R	R	4
%SW2297			ON,,OFF,ON	Direct	R	R	4
%SW2298			ON,,OFF,ON	Direct	R	R	4
%SW2299			ON,,OFF,ON	Direct	R	R	4
%SW2300			ON,,OFF,ON	Direct	R	R	4
%SW2301			ON,,OFF,ON	Direct	R	R	4
%SW2302			ON,,OFF,ON	Direct	R	R	4
%SW2303			ON,,OFF,ON	Direct	R	R	4
%SW2304			ON,,OFF,ON	Direct	R	R	4
%SW2305			ON,,OFF,ON	Direct	R	R	4
%SW2306			ON,,OFF,ON	Direct	R	R	4
%SW2307			ON,,OFF,ON	Direct	R	R	4
%SW2308			ON,,OFF,ON	Direct	R	R	4
%SW2309			ON,,OFF,ON	Direct	R	R	4
%SW2310			ON,,OFF,ON	Direct	R	R	4
%SW2311			ON,,OFF,ON	Direct	R	R	4
%SW2312			ON,,OFF,ON	Direct	R	R	4
%SW2313			ON,,OFF,ON	Direct	R	R	4
%SW2314			ON,,OFF,ON	Direct	R	R	4
%SW2315			ON,,OFF,ON	Direct	R	R	4
%SW2316			ON,,OFF,ON	Direct	R	R	4
%SW2317			ON,,OFF,ON	Direct	R	R	4
%SW2318			ON,,OFF,ON	Direct	R	R	4
%SW2319			ON,,OFF,ON	Direct	R	R	4
%SW2320			ON,,OFF,ON	Direct	R	R	4
%SW2321			ON,,OFF,ON	Direct	R	R	4
%SW2322			ON,,OFF,ON	Direct	R	R	4
%SW2323			ON,,OFF,ON	Direct	R	R	4
%SW2324			ON,,OFF,ON	Direct	R	R	4
%SW2325			ON,,OFF,ON	Direct	R	R	4
%SW2326			ON,,OFF,ON	Direct	R	R	4
%SW2327			ON,,OFF,ON	Direct	R	R	4
%SW2328			ON,,OFF,ON	Direct	R	R	4
%SW2329			ON,,OFF,ON	Direct	R	R	4
%SW2330			ON,,OFF,ON	Direct	R	R	4
%SW2331			ON,,OFF,ON	Direct	R	R	4
%SW2332			ON,,OFF,ON	Direct	R	R	4
%SW2333			ON,,OFF,ON	Direct	R	R	4
%SW2334			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-7
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2335			ON,,OFF,ON	Direct	R	R	4
%SW2336			ON,,OFF,ON	Direct	R	R	4
%SW2337			ON,,OFF,ON	Direct	R	R	4
%SW2338			ON,,OFF,ON	Direct	R	R	4
%SW2339			ON,,OFF,ON	Direct	R	R	4
%SW2340			ON,,OFF,ON	Direct	R	R	4
%SW2341			ON,,OFF,ON	Direct	R	R	4
%SW2342			ON,,OFF,ON	Direct	R	R	4
%SW2343			ON,,OFF,ON	Direct	R	R	4
%SW2344			ON,,OFF,ON	Direct	R	R	4
%SW2345			ON,,OFF,ON	Direct	R	R	4
%SW2346			ON,,OFF,ON	Direct	R	R	4
%SW2347			ON,,OFF,ON	Direct	R	R	4
%SW2348			ON,,OFF,ON	Direct	R	R	4
%SW2349			ON,,OFF,ON	Direct	R	R	4
%SW2350			ON,,OFF,ON	Direct	R	R	4
%SW2351			ON,,OFF,ON	Direct	R	R	4
%SW2352			ON,,OFF,ON	Direct	R	R	4
%SW2353			ON,,OFF,ON	Direct	R	R	4
%SW2354			ON,,OFF,ON	Direct	R	R	4
%SW2355			ON,,OFF,ON	Direct	R	R	4
%SW2356			ON,,OFF,ON	Direct	R	R	4
%SW2357			ON,,OFF,ON	Direct	R	R	4
%SW2358			ON,,OFF,ON	Direct	R	R	4
%SW2359			ON,,OFF,ON	Direct	R	R	4
%SW2360			ON,,OFF,ON	Direct	R	R	4
%SW2361			ON,,OFF,ON	Direct	R	R	4
%SW2362			ON,,OFF,ON	Direct	R	R	4
%SW2363			ON,,OFF,ON	Direct	R	R	4
%SW2364			ON,,OFF,ON	Direct	R	R	4
%SW2365			ON,,OFF,ON	Direct	R	R	4
%SW2366			ON,,OFF,ON	Direct	R	R	4
%SW2367			ON,,OFF,ON	Direct	R	R	4
%SW2368			ON,,OFF,ON	Direct	R	R	4
%SW2369			ON,,OFF,ON	Direct	R	R	4
%SW2370			ON,,OFF,ON	Direct	R	R	4
%SW2371			ON,,OFF,ON	Direct	R	R	4
%SW2372			ON,,OFF,ON	Direct	R	R	4
%SW2373			ON,,OFF,ON	Direct	R	R	4
%SW2374			ON,,OFF,ON	Direct	R	R	4
%SW2375			ON,,OFF,ON	Direct	R	R	4
%SW2376			ON,,OFF,ON	Direct	R	R	4
%SW2377			ON,,OFF,ON	Direct	R	R	4
%SW2378			ON,,OFF,ON	Direct	R	R	4
%SW2379			ON,,OFF,ON	Direct	R	R	4
%SW2380			ON,,OFF,ON	Direct	R	R	4
%SW2381			ON,,OFF,ON	Direct	R	R	4
%SW2382			ON,,OFF,ON	Direct	R	R	4
%SW2383			ON,,OFF,ON	Direct	R	R	4
%SW2384			ON,,OFF,ON	Direct	R	R	4
%SW2385			ON,,OFF,ON	Direct	R	R	4
%SW2386			ON,,OFF,ON	Direct	R	R	4
%SW2387			ON,,OFF,ON	Direct	R	R	4
%SW2388			ON,,OFF,ON	Direct	R	R	4
%SW2389			ON,,OFF,ON	Direct	R	R	4
%SW2390			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-8
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2391			ON,,OFF,ON	Direct	R	R	4
%SW2392			ON,,OFF,ON	Direct	R	R	4
%SW2393			ON,,OFF,ON	Direct	R	R	4
%SW2394			ON,,OFF,ON	Direct	R	R	4
%SW2395			ON,,OFF,ON	Direct	R	R	4
%SW2396			ON,,OFF,ON	Direct	R	R	4
%SW2397			ON,,OFF,ON	Direct	R	R	4
%SW2398			ON,,OFF,ON	Direct	R	R	4
%SW2399			ON,,OFF,ON	Direct	R	R	4
%SW2400			ON,,OFF,ON	Direct	R	R	4
%SW2401			ON,,OFF,ON	Direct	R	R	4
%SW2402			ON,,OFF,ON	Direct	R	R	4
%SW2403			ON,,OFF,ON	Direct	R	R	4
%SW2404			ON,,OFF,ON	Direct	R	R	4
%SW2405			ON,,OFF,ON	Direct	R	R	4
%SW2406			ON,,OFF,ON	Direct	R	R	4
%SW2407			ON,,OFF,ON	Direct	R	R	4
%SW2408			ON,,OFF,ON	Direct	R	R	4
%SW2409			ON,,OFF,ON	Direct	R	R	4
%SW2410			ON,,OFF,ON	Direct	R	R	4
%SW2411			ON,,OFF,ON	Direct	R	R	4
%SW2412			ON,,OFF,ON	Direct	R	R	4
%SW2413			ON,,OFF,ON	Direct	R	R	4
%SW2414			ON,,OFF,ON	Direct	R	R	4
%SW2415			ON,,OFF,ON	Direct	R	R	4
%SW2416			ON,,OFF,ON	Direct	R	R	4
%SW2417			ON,,OFF,ON	Direct	R	R	4
%SW2418			ON,,OFF,ON	Direct	R	R	4
%SW2419			ON,,OFF,ON	Direct	R	R	4
%SW2420			ON,,OFF,ON	Direct	R	R	4
%SW2421			ON,,OFF,ON	Direct	R	R	4
%SW2422			ON,,OFF,ON	Direct	R	R	4
%SW2423			ON,,OFF,ON	Direct	R	R	4
%SW2424			ON,,OFF,ON	Direct	R	R	4
%SW2425			ON,,OFF,ON	Direct	R	R	4
%SW2426			ON,,OFF,ON	Direct	R	R	4
%SW2427			ON,,OFF,ON	Direct	R	R	4
%SW2428			ON,,OFF,ON	Direct	R	R	4
%SW2429			ON,,OFF,ON	Direct	R	R	4
%SW2430			ON,,OFF,ON	Direct	R	R	4
%SW2431			ON,,OFF,ON	Direct	R	R	4
%SW2432			ON,,OFF,ON	Direct	R	R	4
%SW2433			ON,,OFF,ON	Direct	R	R	4
%SW2434			ON,,OFF,ON	Direct	R	R	4
%SW2435			ON,,OFF,ON	Direct	R	R	4
%SW2436			ON,,OFF,ON	Direct	R	R	4
%SW2437			ON,,OFF,ON	Direct	R	R	4
%SW2438			ON,,OFF,ON	Direct	R	R	4
%SW2439			ON,,OFF,ON	Direct	R	R	4
%SW2440			ON,,OFF,ON	Direct	R	R	4
%SW2441			ON,,OFF,ON	Direct	R	R	4
%SW2442			ON,,OFF,ON	Direct	R	R	4
%SW2443			ON,,OFF,ON	Direct	R	R	4
%SW2444			ON,,OFF,ON	Direct	R	R	4
%SW2445			ON,,OFF,ON	Direct	R	R	4
%SW2446			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-9
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2447			ON,,OFF,ON	Direct	R	R	4
%SW2448			ON,,OFF,ON	Direct	R	R	4
%SW2449			ON,,OFF,ON	Direct	R	R	4
%SW2450			ON,,OFF,ON	Direct	R	R	4
%SW2451			ON,,OFF,ON	Direct	R	R	4
%SW2452			ON,,OFF,ON	Direct	R	R	4
%SW2453			ON,,OFF,ON	Direct	R	R	4
%SW2454			ON,,OFF,ON	Direct	R	R	4
%SW2455			ON,,OFF,ON	Direct	R	R	4
%SW2456			ON,,OFF,ON	Direct	R	R	4
%SW2457			ON,,OFF,ON	Direct	R	R	4
%SW2458			ON,,OFF,ON	Direct	R	R	4
%SW2459			ON,,OFF,ON	Direct	R	R	4
%SW2460			ON,,OFF,ON	Direct	R	R	4
%SW2461			ON,,OFF,ON	Direct	R	R	4
%SW2462			ON,,OFF,ON	Direct	R	R	4
%SW2463			ON,,OFF,ON	Direct	R	R	4
%SW2464			ON,,OFF,ON	Direct	R	R	4
%SW2465			ON,,OFF,ON	Direct	R	R	4
%SW2466			ON,,OFF,ON	Direct	R	R	4
%SW2467			ON,,OFF,ON	Direct	R	R	4
%SW2468			ON,,OFF,ON	Direct	R	R	4
%SW2469			ON,,OFF,ON	Direct	R	R	4
%SW2470			ON,,OFF,ON	Direct	R	R	4
%SW2471			ON,,OFF,ON	Direct	R	R	4
%SW2472			ON,,OFF,ON	Direct	R	R	4
%SW2473			ON,,OFF,ON	Direct	R	R	4
%SW2474			ON,,OFF,ON	Direct	R	R	4
%SW2475			ON,,OFF,ON	Direct	R	R	4
%SW2476			ON,,OFF,ON	Direct	R	R	4
%SW2477			ON,,OFF,ON	Direct	R	R	4
%SW2478			ON,,OFF,ON	Direct	R	R	4
%SW2479			ON,,OFF,ON	Direct	R	R	4
%SW2480			ON,,OFF,ON	Direct	R	R	4
%SW2481			ON,,OFF,ON	Direct	R	R	4
%SW2482			ON,,OFF,ON	Direct	R	R	4
%SW2483			ON,,OFF,ON	Direct	R	R	4
%SW2484			ON,,OFF,ON	Direct	R	R	4
%SW2485			ON,,OFF,ON	Direct	R	R	4
%SW2486			ON,,OFF,ON	Direct	R	R	4
%SW2487			ON,,OFF,ON	Direct	R	R	4
%SW2488			ON,,OFF,ON	Direct	R	R	4
%SW2489			ON,,OFF,ON	Direct	R	R	4
%SW2490			ON,,OFF,ON	Direct	R	R	4
%SW2491			ON,,OFF,ON	Direct	R	R	4
%SW2492			ON,,OFF,ON	Direct	R	R	4
%SW2493			ON,,OFF,ON	Direct	R	R	4
%SW2494			ON,,OFF,ON	Direct	R	R	4
%SW2495			ON,,OFF,ON	Direct	R	R	4
%SW2496			ON,,OFF,ON	Direct	R	R	4
%SW2497			ON,,OFF,ON	Direct	R	R	4
%SW2498			ON,,OFF,ON	Direct	R	R	4
%SW2499			ON,,OFF,ON	Direct	R	R	4
%SW2500			ON,,OFF,ON	Direct	R	R	4
%SW2501			ON,,OFF,ON	Direct	R	R	4
%SW2502			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-10
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2503			ON,,OFF,ON	Direct	R	R	4
%SW2504			ON,,OFF,ON	Direct	R	R	4
%SW2505			ON,,OFF,ON	Direct	R	R	4
%SW2506			ON,,OFF,ON	Direct	R	R	4
%SW2507			ON,,OFF,ON	Direct	R	R	4
%SW2508			ON,,OFF,ON	Direct	R	R	4
%SW2509			ON,,OFF,ON	Direct	R	R	4
%SW2510			ON,,OFF,ON	Direct	R	R	4
%SW2511			ON,,OFF,ON	Direct	R	R	4
%SW2512			ON,,OFF,ON	Direct	R	R	4
%SW2513			ON,,OFF,ON	Direct	R	R	4
%SW2514			ON,,OFF,ON	Direct	R	R	4
%SW2515			ON,,OFF,ON	Direct	R	R	4
%SW2516			ON,,OFF,ON	Direct	R	R	4
%SW2517			ON,,OFF,ON	Direct	R	R	4
%SW2518			ON,,OFF,ON	Direct	R	R	4
%SW2519			ON,,OFF,ON	Direct	R	R	4
%SW2520			ON,,OFF,ON	Direct	R	R	4
%SW2521			ON,,OFF,ON	Direct	R	R	4
%SW2522			ON,,OFF,ON	Direct	R	R	4
%SW2523			ON,,OFF,ON	Direct	R	R	4
%SW2524			ON,,OFF,ON	Direct	R	R	4
%SW2525			ON,,OFF,ON	Direct	R	R	4
%SW2526			ON,,OFF,ON	Direct	R	R	4
%SW2527			ON,,OFF,ON	Direct	R	R	4
%SW2528			ON,,OFF,ON	Direct	R	R	4
%SW2529			ON,,OFF,ON	Direct	R	R	4
%SW2530			ON,,OFF,ON	Direct	R	R	4
%SW2531			ON,,OFF,ON	Direct	R	R	4
%SW2532			ON,,OFF,ON	Direct	R	R	4
%SW2533			ON,,OFF,ON	Direct	R	R	4
%SW2534			ON,,OFF,ON	Direct	R	R	4
%SW2535			ON,,OFF,ON	Direct	R	R	4
%SW2536			ON,,OFF,ON	Direct	R	R	4
%SW2537			ON,,OFF,ON	Direct	R	R	4
%SW2538			ON,,OFF,ON	Direct	R	R	4
%SW2539			ON,,OFF,ON	Direct	R	R	4
%SW2540			ON,,OFF,ON	Direct	R	R	4
%SW2541			ON,,OFF,ON	Direct	R	R	4
%SW2542			ON,,OFF,ON	Direct	R	R	4
%SW2543			ON,,OFF,ON	Direct	R	R	4
%SW2544			ON,,OFF,ON	Direct	R	R	4
%SW2545			ON,,OFF,ON	Direct	R	R	4
%SW2546			ON,,OFF,ON	Direct	R	R	4
%SW2547			ON,,OFF,ON	Direct	R	R	4
%SW2548			ON,,OFF,ON	Direct	R	R	4
%SW2549			ON,,OFF,ON	Direct	R	R	4
%SW2550			ON,,OFF,ON	Direct	R	R	4
%SW2551			ON,,OFF,ON	Direct	R	R	4
%SW2552			ON,,OFF,ON	Direct	R	R	4
%SW2553			ON,,OFF,ON	Direct	R	R	4
%SW2554			ON,,OFF,ON	Direct	R	R	4
%SW2555			ON,,OFF,ON	Direct	R	R	4
%SW2556			ON,,OFF,ON	Direct	R	R	4
%SW2557			ON,,OFF,ON	Direct	R	R	4
%SW2558			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-11
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2559			ON,,OFF,ON	Direct	R	R	4
%SW2560			ON,,OFF,ON	Direct	R	R	4
%SW2561			ON,,OFF,ON	Direct	R	R	4
%SW2562			ON,,OFF,ON	Direct	R	R	4
%SW2563			ON,,OFF,ON	Direct	R	R	4
%SW2564			ON,,OFF,ON	Direct	R	R	4
%SW2565			ON,,OFF,ON	Direct	R	R	4
%SW2566			ON,,OFF,ON	Direct	R	R	4
%SW2567			ON,,OFF,ON	Direct	R	R	4
%SW2568			ON,,OFF,ON	Direct	R	R	4
%SW2569			ON,,OFF,ON	Direct	R	R	4
%SW2570			ON,,OFF,ON	Direct	R	R	4
%SW2571			ON,,OFF,ON	Direct	R	R	4
%SW2572			ON,,OFF,ON	Direct	R	R	4
%SW2573			ON,,OFF,ON	Direct	R	R	4
%SW2574			ON,,OFF,ON	Direct	R	R	4
%SW2575			ON,,OFF,ON	Direct	R	R	4
%SW2576			ON,,OFF,ON	Direct	R	R	4
%SW2577			ON,,OFF,ON	Direct	R	R	4
%SW2578			ON,,OFF,ON	Direct	R	R	4
%SW2579			ON,,OFF,ON	Direct	R	R	4
%SW2580			ON,,OFF,ON	Direct	R	R	4
%SW2581			ON,,OFF,ON	Direct	R	R	4
%SW2582			ON,,OFF,ON	Direct	R	R	4
%SW2583			ON,,OFF,ON	Direct	R	R	4
%SW2584			ON,,OFF,ON	Direct	R	R	4
%SW2585			ON,,OFF,ON	Direct	R	R	4
%SW2586			ON,,OFF,ON	Direct	R	R	4
%SW2587			ON,,OFF,ON	Direct	R	R	4
%SW2588			ON,,OFF,ON	Direct	R	R	4
%SW2589			ON,,OFF,ON	Direct	R	R	4
%SW2590			ON,,OFF,ON	Direct	R	R	4
%SW2591			ON,,OFF,ON	Direct	R	R	4
%SW2592			ON,,OFF,ON	Direct	R	R	4
%SW2593			ON,,OFF,ON	Direct	R	R	4
%SW2594			ON,,OFF,ON	Direct	R	R	4
%SW2595			ON,,OFF,ON	Direct	R	R	4
%SW2596			ON,,OFF,ON	Direct	R	R	4
%SW2597			ON,,OFF,ON	Direct	R	R	4
%SW2598			ON,,OFF,ON	Direct	R	R	4
%SW2599			ON,,OFF,ON	Direct	R	R	4
%SW2600			ON,,OFF,ON	Direct	R	R	4
%SW2601			ON,,OFF,ON	Direct	R	R	4
%SW2602			ON,,OFF,ON	Direct	R	R	4
%SW2603			ON,,OFF,ON	Direct	R	R	4
%SW2604			ON,,OFF,ON	Direct	R	R	4
%SW2605			ON,,OFF,ON	Direct	R	R	4
%SW2606			ON,,OFF,ON	Direct	R	R	4
%SW2607			ON,,OFF,ON	Direct	R	R	4
%SW2608			ON,,OFF,ON	Direct	R	R	4
%SW2609			ON,,OFF,ON	Direct	R	R	4
%SW2610			ON,,OFF,ON	Direct	R	R	4
%SW2611			ON,,OFF,ON	Direct	R	R	4
%SW2612			ON,,OFF,ON	Direct	R	R	4
%SW2613			ON,,OFF,ON	Direct	R	R	4
%SW2614			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-12
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2615			ON,,OFF,ON	Direct	R	R	4
%SW2616			ON,,OFF,ON	Direct	R	R	4
%SW2617			ON,,OFF,ON	Direct	R	R	4
%SW2618			ON,,OFF,ON	Direct	R	R	4
%SW2619			ON,,OFF,ON	Direct	R	R	4
%SW2620			ON,,OFF,ON	Direct	R	R	4
%SW2621			ON,,OFF,ON	Direct	R	R	4
%SW2622			ON,,OFF,ON	Direct	R	R	4
%SW2623			ON,,OFF,ON	Direct	R	R	4
%SW2624			ON,,OFF,ON	Direct	R	R	4
%SW2625			ON,,OFF,ON	Direct	R	R	4
%SW2626			ON,,OFF,ON	Direct	R	R	4
%SW2627			ON,,OFF,ON	Direct	R	R	4
%SW2628			ON,,OFF,ON	Direct	R	R	4
%SW2629			ON,,OFF,ON	Direct	R	R	4
%SW2630			ON,,OFF,ON	Direct	R	R	4
%SW2631			ON,,OFF,ON	Direct	R	R	4
%SW2632			ON,,OFF,ON	Direct	R	R	4
%SW2633			ON,,OFF,ON	Direct	R	R	4
%SW2634			ON,,OFF,ON	Direct	R	R	4
%SW2635			ON,,OFF,ON	Direct	R	R	4
%SW2636			ON,,OFF,ON	Direct	R	R	4
%SW2637			ON,,OFF,ON	Direct	R	R	4
%SW2638			ON,,OFF,ON	Direct	R	R	4
%SW2639			ON,,OFF,ON	Direct	R	R	4
%SW2640			ON,,OFF,ON	Direct	R	R	4
%SW2641			ON,,OFF,ON	Direct	R	R	4
%SW2642			ON,,OFF,ON	Direct	R	R	4
%SW2643			ON,,OFF,ON	Direct	R	R	4
%SW2644			ON,,OFF,ON	Direct	R	R	4
%SW2645			ON,,OFF,ON	Direct	R	R	4
%SW2646			ON,,OFF,ON	Direct	R	R	4
%SW2647			ON,,OFF,ON	Direct	R	R	4
%SW2648			ON,,OFF,ON	Direct	R	R	4
%SW2649			ON,,OFF,ON	Direct	R	R	4
%SW2650			ON,,OFF,ON	Direct	R	R	4
%SW2651			ON,,OFF,ON	Direct	R	R	4
%SW2652			ON,,OFF,ON	Direct	R	R	4
%SW2653			ON,,OFF,ON	Direct	R	R	4
%SW2654			ON,,OFF,ON	Direct	R	R	4
%SW2655			ON,,OFF,ON	Direct	R	R	4
%SW2656			ON,,OFF,ON	Direct	R	R	4
%SW2657			ON,,OFF,ON	Direct	R	R	4
%SW2658			ON,,OFF,ON	Direct	R	R	4
%SW2659			ON,,OFF,ON	Direct	R	R	4
%SW2660			ON,,OFF,ON	Direct	R	R	4
%SW2661			ON,,OFF,ON	Direct	R	R	4
%SW2662			ON,,OFF,ON	Direct	R	R	4
%SW2663			ON,,OFF,ON	Direct	R	R	4
%SW2664			ON,,OFF,ON	Direct	R	R	4
%SW2665			ON,,OFF,ON	Direct	R	R	4
%SW2666			ON,,OFF,ON	Direct	R	R	4
%SW2667			ON,,OFF,ON	Direct	R	R	4
%SW2668			ON,,OFF,ON	Direct	R	R	4
%SW2669			ON,,OFF,ON	Direct	R	R	4
%SW2670			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-13
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2671			ON,,OFF,ON	Direct	R	R	4
%SW2672			ON,,OFF,ON	Direct	R	R	4
%SW2673			ON,,OFF,ON	Direct	R	R	4
%SW2674			ON,,OFF,ON	Direct	R	R	4
%SW2675			ON,,OFF,ON	Direct	R	R	4
%SW2676			ON,,OFF,ON	Direct	R	R	4
%SW2677			ON,,OFF,ON	Direct	R	R	4
%SW2678			ON,,OFF,ON	Direct	R	R	4
%SW2679			ON,,OFF,ON	Direct	R	R	4
%SW2680			ON,,OFF,ON	Direct	R	R	4
%SW2681			ON,,OFF,ON	Direct	R	R	4
%SW2682			ON,,OFF,ON	Direct	R	R	4
%SW2683			ON,,OFF,ON	Direct	R	R	4
%SW2684			ON,,OFF,ON	Direct	R	R	4
%SW2685			ON,,OFF,ON	Direct	R	R	4
%SW2686			ON,,OFF,ON	Direct	R	R	4
%SW2687			ON,,OFF,ON	Direct	R	R	4
%SW2688			ON,,OFF,ON	Direct	R	R	4
%SW2689			ON,,OFF,ON	Direct	R	R	4
%SW2690			ON,,OFF,ON	Direct	R	R	4
%SW2691			ON,,OFF,ON	Direct	R	R	4
%SW2692			ON,,OFF,ON	Direct	R	R	4
%SW2693			ON,,OFF,ON	Direct	R	R	4
%SW2694			ON,,OFF,ON	Direct	R	R	4
%SW2695			ON,,OFF,ON	Direct	R	R	4
%SW2696			ON,,OFF,ON	Direct	R	R	4
%SW2697			ON,,OFF,ON	Direct	R	R	4
%SW2698			ON,,OFF,ON	Direct	R	R	4
%SW2699			ON,,OFF,ON	Direct	R	R	4
%SW2700			ON,,OFF,ON	Direct	R	R	4
%SW2701			ON,,OFF,ON	Direct	R	R	4
%SW2702			ON,,OFF,ON	Direct	R	R	4
%SW2703			ON,,OFF,ON	Direct	R	R	4
%SW2704			ON,,OFF,ON	Direct	R	R	4
%SW2705			ON,,OFF,ON	Direct	R	R	4
%SW2706			ON,,OFF,ON	Direct	R	R	4
%SW2707			ON,,OFF,ON	Direct	R	R	4
%SW2708			ON,,OFF,ON	Direct	R	R	4
%SW2709			ON,,OFF,ON	Direct	R	R	4
%SW2710			ON,,OFF,ON	Direct	R	R	4
%SW2711			ON,,OFF,ON	Direct	R	R	4
%SW2712			ON,,OFF,ON	Direct	R	R	4
%SW2713			ON,,OFF,ON	Direct	R	R	4
%SW2714			ON,,OFF,ON	Direct	R	R	4
%SW2715			ON,,OFF,ON	Direct	R	R	4
%SW2716			ON,,OFF,ON	Direct	R	R	4
%SW2717			ON,,OFF,ON	Direct	R	R	4
%SW2718			ON,,OFF,ON	Direct	R	R	4
%SW2719			ON,,OFF,ON	Direct	R	R	4
%SW2720			ON,,OFF,ON	Direct	R	R	4
%SW2721			ON,,OFF,ON	Direct	R	R	4
%SW2722			ON,,OFF,ON	Direct	R	R	4
%SW2723			ON,,OFF,ON	Direct	R	R	4
%SW2724			ON,,OFF,ON	Direct	R	R	4
%SW2725			ON,,OFF,ON	Direct	R	R	4
%SW2726			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-14
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2727			ON,,OFF,ON	Direct	R	R	4
%SW2728			ON,,OFF,ON	Direct	R	R	4
%SW2729			ON,,OFF,ON	Direct	R	R	4
%SW2730			ON,,OFF,ON	Direct	R	R	4
%SW2731			ON,,OFF,ON	Direct	R	R	4
%SW2732			ON,,OFF,ON	Direct	R	R	4
%SW2733			ON,,OFF,ON	Direct	R	R	4
%SW2734			ON,,OFF,ON	Direct	R	R	4
%SW2735			ON,,OFF,ON	Direct	R	R	4
%SW2736			ON,,OFF,ON	Direct	R	R	4
%SW2737			ON,,OFF,ON	Direct	R	R	4
%SW2738			ON,,OFF,ON	Direct	R	R	4
%SW2739			ON,,OFF,ON	Direct	R	R	4
%SW2740			ON,,OFF,ON	Direct	R	R	4
%SW2741			ON,,OFF,ON	Direct	R	R	4
%SW2742			ON,,OFF,ON	Direct	R	R	4
%SW2743			ON,,OFF,ON	Direct	R	R	4
%SW2744			ON,,OFF,ON	Direct	R	R	4
%SW2745			ON,,OFF,ON	Direct	R	R	4
%SW2746			ON,,OFF,ON	Direct	R	R	4
%SW2747			ON,,OFF,ON	Direct	R	R	4
%SW2748			ON,,OFF,ON	Direct	R	R	4
%SW2749			ON,,OFF,ON	Direct	R	R	4
%SW2750			ON,,OFF,ON	Direct	R	R	4
%SW2751			ON,,OFF,ON	Direct	R	R	4
%SW2752			ON,,OFF,ON	Direct	R	R	4
%SW2753			ON,,OFF,ON	Direct	R	R	4
%SW2754			ON,,OFF,ON	Direct	R	R	4
%SW2755			ON,,OFF,ON	Direct	R	R	4
%SW2756			ON,,OFF,ON	Direct	R	R	4
%SW2757			ON,,OFF,ON	Direct	R	R	4
%SW2758			ON,,OFF,ON	Direct	R	R	4
%SW2759			ON,,OFF,ON	Direct	R	R	4
%SW2760			ON,,OFF,ON	Direct	R	R	4
%SW2761			ON,,OFF,ON	Direct	R	R	4
%SW2762			ON,,OFF,ON	Direct	R	R	4
%SW2763			ON,,OFF,ON	Direct	R	R	4
%SW2764			ON,,OFF,ON	Direct	R	R	4
%SW2765			ON,,OFF,ON	Direct	R	R	4
%SW2766			ON,,OFF,ON	Direct	R	R	4
%SW2767			ON,,OFF,ON	Direct	R	R	4
%SW2768			ON,,OFF,ON	Direct	R	R	4
%SW2769			ON,,OFF,ON	Direct	R	R	4
%SW2770			ON,,OFF,ON	Direct	R	R	4
%SW2771			ON,,OFF,ON	Direct	R	R	4
%SW2772			ON,,OFF,ON	Direct	R	R	4
%SW2773			ON,,OFF,ON	Direct	R	R	4
%SW2774			ON,,OFF,ON	Direct	R	R	4
%SW2775			ON,,OFF,ON	Direct	R	R	4
%SW2776			ON,,OFF,ON	Direct	R	R	4
%SW2777			ON,,OFF,ON	Direct	R	R	4
%SW2778			ON,,OFF,ON	Direct	R	R	4
%SW2779			ON,,OFF,ON	Direct	R	R	4
%SW2780			ON,,OFF,ON	Direct	R	R	4
%SW2781			ON,,OFF,ON	Direct	R	R	4
%SW2782			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-15
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2783			ON,,OFF,ON	Direct	R	R	4
%SW2784			ON,,OFF,ON	Direct	R	R	4
%SW2785			ON,,OFF,ON	Direct	R	R	4
%SW2786			ON,,OFF,ON	Direct	R	R	4
%SW2787			ON,,OFF,ON	Direct	R	R	4
%SW2788			ON,,OFF,ON	Direct	R	R	4
%SW2789			ON,,OFF,ON	Direct	R	R	4
%SW2790			ON,,OFF,ON	Direct	R	R	4
%SW2791			ON,,OFF,ON	Direct	R	R	4
%SW2792			ON,,OFF,ON	Direct	R	R	4
%SW2793			ON,,OFF,ON	Direct	R	R	4
%SW2794			ON,,OFF,ON	Direct	R	R	4
%SW2795			ON,,OFF,ON	Direct	R	R	4
%SW2796			ON,,OFF,ON	Direct	R	R	4
%SW2797			ON,,OFF,ON	Direct	R	R	4
%SW2798			ON,,OFF,ON	Direct	R	R	4
%SW2799			ON,,OFF,ON	Direct	R	R	4
%SW2800			ON,,OFF,ON	Direct	R	R	4
%SW2801			ON,,OFF,ON	Direct	R	R	4
%SW2802			ON,,OFF,ON	Direct	R	R	4
%SW2803			ON,,OFF,ON	Direct	R	R	4
%SW2804			ON,,OFF,ON	Direct	R	R	4
%SW2805			ON,,OFF,ON	Direct	R	R	4
%SW2806			ON,,OFF,ON	Direct	R	R	4
%SW2807			ON,,OFF,ON	Direct	R	R	4
%SW2808			ON,,OFF,ON	Direct	R	R	4
%SW2809			ON,,OFF,ON	Direct	R	R	4
%SW2810			ON,,OFF,ON	Direct	R	R	4
%SW2811			ON,,OFF,ON	Direct	R	R	4
%SW2812			ON,,OFF,ON	Direct	R	R	4
%SW2813			ON,,OFF,ON	Direct	R	R	4
%SW2814			ON,,OFF,ON	Direct	R	R	4
%SW2815			ON,,OFF,ON	Direct	R	R	4
%SW2816			ON,,OFF,ON	Direct	R	R	4
%SW2817			ON,,OFF,ON	Direct	R	R	4
%SW2818			ON,,OFF,ON	Direct	R	R	4
%SW2819			ON,,OFF,ON	Direct	R	R	4
%SW2820			ON,,OFF,ON	Direct	R	R	4
%SW2821			ON,,OFF,ON	Direct	R	R	4
%SW2822			ON,,OFF,ON	Direct	R	R	4
%SW2823			ON,,OFF,ON	Direct	R	R	4
%SW2824			ON,,OFF,ON	Direct	R	R	4
%SW2825			ON,,OFF,ON	Direct	R	R	4
%SW2826			ON,,OFF,ON	Direct	R	R	4
%SW2827			ON,,OFF,ON	Direct	R	R	4
%SW2828			ON,,OFF,ON	Direct	R	R	4
%SW2829			ON,,OFF,ON	Direct	R	R	4
%SW2830			ON,,OFF,ON	Direct	R	R	4
%SW2831			ON,,OFF,ON	Direct	R	R	4
%SW2832			ON,,OFF,ON	Direct	R	R	4
%SW2833			ON,,OFF,ON	Direct	R	R	4
%SW2834			ON,,OFF,ON	Direct	R	R	4
%SW2835			ON,,OFF,ON	Direct	R	R	4
%SW2836			ON,,OFF,ON	Direct	R	R	4
%SW2837			ON,,OFF,ON	Direct	R	R	4
%SW2838			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-16
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2839			ON,,OFF,ON	Direct	R	R	4
%SW2840			ON,,OFF,ON	Direct	R	R	4
%SW2841			ON,,OFF,ON	Direct	R	R	4
%SW2842			ON,,OFF,ON	Direct	R	R	4
%SW2843			ON,,OFF,ON	Direct	R	R	4
%SW2844			ON,,OFF,ON	Direct	R	R	4
%SW2845			ON,,OFF,ON	Direct	R	R	4
%SW2846			ON,,OFF,ON	Direct	R	R	4
%SW2847			ON,,OFF,ON	Direct	R	R	4
%SW2848			ON,,OFF,ON	Direct	R	R	4
%SW2849			ON,,OFF,ON	Direct	R	R	4
%SW2850			ON,,OFF,ON	Direct	R	R	4
%SW2851			ON,,OFF,ON	Direct	R	R	4
%SW2852			ON,,OFF,ON	Direct	R	R	4
%SW2853			ON,,OFF,ON	Direct	R	R	4
%SW2854			ON,,OFF,ON	Direct	R	R	4
%SW2855			ON,,OFF,ON	Direct	R	R	4
%SW2856			ON,,OFF,ON	Direct	R	R	4
%SW2857			ON,,OFF,ON	Direct	R	R	4
%SW2858			ON,,OFF,ON	Direct	R	R	4
%SW2859			ON,,OFF,ON	Direct	R	R	4
%SW2860			ON,,OFF,ON	Direct	R	R	4
%SW2861			ON,,OFF,ON	Direct	R	R	4
%SW2862			ON,,OFF,ON	Direct	R	R	4
%SW2863			ON,,OFF,ON	Direct	R	R	4
%SW2864			ON,,OFF,ON	Direct	R	R	4
%SW2865			ON,,OFF,ON	Direct	R	R	4
%SW2866			ON,,OFF,ON	Direct	R	R	4
%SW2867			ON,,OFF,ON	Direct	R	R	4
%SW2868			ON,,OFF,ON	Direct	R	R	4
%SW2869			ON,,OFF,ON	Direct	R	R	4
%SW2870			ON,,OFF,ON	Direct	R	R	4
%SW2871			ON,,OFF,ON	Direct	R	R	4
%SW2872			ON,,OFF,ON	Direct	R	R	4
%SW2873			ON,,OFF,ON	Direct	R	R	4
%SW2874			ON,,OFF,ON	Direct	R	R	4
%SW2875			ON,,OFF,ON	Direct	R	R	4
%SW2876			ON,,OFF,ON	Direct	R	R	4
%SW2877			ON,,OFF,ON	Direct	R	R	4
%SW2878			ON,,OFF,ON	Direct	R	R	4
%SW2879			ON,,OFF,ON	Direct	R	R	4
%SW2880			ON,,OFF,ON	Direct	R	R	4
%SW2881			ON,,OFF,ON	Direct	R	R	4
%SW2882			ON,,OFF,ON	Direct	R	R	4
%SW2883			ON,,OFF,ON	Direct	R	R	4
%SW2884			ON,,OFF,ON	Direct	R	R	4
%SW2885			ON,,OFF,ON	Direct	R	R	4
%SW2886			ON,,OFF,ON	Direct	R	R	4
%SW2887			ON,,OFF,ON	Direct	R	R	4
%SW2888			ON,,OFF,ON	Direct	R	R	4
%SW2889			ON,,OFF,ON	Direct	R	R	4
%SW2890			ON,,OFF,ON	Direct	R	R	4
%SW2891			ON,,OFF,ON	Direct	R	R	4
%SW2892			ON,,OFF,ON	Direct	R	R	4
%SW2893			ON,,OFF,ON	Direct	R	R	4
%SW2894			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-17
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2895			ON,,OFF,ON	Direct	R	R	4
%SW2896			ON,,OFF,ON	Direct	R	R	4
%SW2897			ON,,OFF,ON	Direct	R	R	4
%SW2898			ON,,OFF,ON	Direct	R	R	4
%SW2899			ON,,OFF,ON	Direct	R	R	4
%SW2900			ON,,OFF,ON	Direct	R	R	4
%SW2901			ON,,OFF,ON	Direct	R	R	4
%SW2902			ON,,OFF,ON	Direct	R	R	4
%SW2903			ON,,OFF,ON	Direct	R	R	4
%SW2904			ON,,OFF,ON	Direct	R	R	4
%SW2905			ON,,OFF,ON	Direct	R	R	4
%SW2906			ON,,OFF,ON	Direct	R	R	4
%SW2907			ON,,OFF,ON	Direct	R	R	4
%SW2908			ON,,OFF,ON	Direct	R	R	4
%SW2909			ON,,OFF,ON	Direct	R	R	4
%SW2910			ON,,OFF,ON	Direct	R	R	4
%SW2911			ON,,OFF,ON	Direct	R	R	4
%SW2912			ON,,OFF,ON	Direct	R	R	4
%SW2913			ON,,OFF,ON	Direct	R	R	4
%SW2914			ON,,OFF,ON	Direct	R	R	4
%SW2915			ON,,OFF,ON	Direct	R	R	4
%SW2916			ON,,OFF,ON	Direct	R	R	4
%SW2917			ON,,OFF,ON	Direct	R	R	4
%SW2918			ON,,OFF,ON	Direct	R	R	4
%SW2919			ON,,OFF,ON	Direct	R	R	4
%SW2920			ON,,OFF,ON	Direct	R	R	4
%SW2921			ON,,OFF,ON	Direct	R	R	4
%SW2922			ON,,OFF,ON	Direct	R	R	4
%SW2923			ON,,OFF,ON	Direct	R	R	4
%SW2924			ON,,OFF,ON	Direct	R	R	4
%SW2925			ON,,OFF,ON	Direct	R	R	4
%SW2926			ON,,OFF,ON	Direct	R	R	4
%SW2927			ON,,OFF,ON	Direct	R	R	4
%SW2928			ON,,OFF,ON	Direct	R	R	4
%SW2929			ON,,OFF,ON	Direct	R	R	4
%SW2930			ON,,OFF,ON	Direct	R	R	4
%SW2931			ON,,OFF,ON	Direct	R	R	4
%SW2932			ON,,OFF,ON	Direct	R	R	4
%SW2933			ON,,OFF,ON	Direct	R	R	4
%SW2934			ON,,OFF,ON	Direct	R	R	4
%SW2935			ON,,OFF,ON	Direct	R	R	4
%SW2936			ON,,OFF,ON	Direct	R	R	4
%SW2937			ON,,OFF,ON	Direct	R	R	4
%SW2938			ON,,OFF,ON	Direct	R	R	4
%SW2939			ON,,OFF,ON	Direct	R	R	4
%SW2940			ON,,OFF,ON	Direct	R	R	4
%SW2941			ON,,OFF,ON	Direct	R	R	4
%SW2942			ON,,OFF,ON	Direct	R	R	4
%SW2943			ON,,OFF,ON	Direct	R	R	4
%SW2944			ON,,OFF,ON	Direct	R	R	4
%SW2945			ON,,OFF,ON	Direct	R	R	4
%SW2946			ON,,OFF,ON	Direct	R	R	4
%SW2947			ON,,OFF,ON	Direct	R	R	4
%SW2948			ON,,OFF,ON	Direct	R	R	4
%SW2949			ON,,OFF,ON	Direct	R	R	4
%SW2950			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef3.edf	SHEET:		YOKOGAWA	PAGE:3-13-18
STATION:	FCS0101	SAVED DATE:	3/11/2025 3:24:42 AM	COMMENT:			
SECTION:	Common switch3	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW2951			ON,,OFF,ON	Direct	R	R	4
%SW2952			ON,,OFF,ON	Direct	R	R	4
%SW2953			ON,,OFF,ON	Direct	R	R	4
%SW2954			ON,,OFF,ON	Direct	R	R	4
%SW2955			ON,,OFF,ON	Direct	R	R	4
%SW2956			ON,,OFF,ON	Direct	R	R	4
%SW2957			ON,,OFF,ON	Direct	R	R	4
%SW2958			ON,,OFF,ON	Direct	R	R	4
%SW2959			ON,,OFF,ON	Direct	R	R	4
%SW2960			ON,,OFF,ON	Direct	R	R	4
%SW2961			ON,,OFF,ON	Direct	R	R	4
%SW2962			ON,,OFF,ON	Direct	R	R	4
%SW2963			ON,,OFF,ON	Direct	R	R	4
%SW2964			ON,,OFF,ON	Direct	R	R	4
%SW2965			ON,,OFF,ON	Direct	R	R	4
%SW2966			ON,,OFF,ON	Direct	R	R	4
%SW2967			ON,,OFF,ON	Direct	R	R	4
%SW2968			ON,,OFF,ON	Direct	R	R	4
%SW2969			ON,,OFF,ON	Direct	R	R	4
%SW2970			ON,,OFF,ON	Direct	R	R	4
%SW2971			ON,,OFF,ON	Direct	R	R	4
%SW2972			ON,,OFF,ON	Direct	R	R	4
%SW2973			ON,,OFF,ON	Direct	R	R	4
%SW2974			ON,,OFF,ON	Direct	R	R	4
%SW2975			ON,,OFF,ON	Direct	R	R	4
%SW2976			ON,,OFF,ON	Direct	R	R	4
%SW2977			ON,,OFF,ON	Direct	R	R	4
%SW2978			ON,,OFF,ON	Direct	R	R	4
%SW2979			ON,,OFF,ON	Direct	R	R	4
%SW2980			ON,,OFF,ON	Direct	R	R	4
%SW2981			ON,,OFF,ON	Direct	R	R	4
%SW2982			ON,,OFF,ON	Direct	R	R	4
%SW2983			ON,,OFF,ON	Direct	R	R	4
%SW2984			ON,,OFF,ON	Direct	R	R	4
%SW2985			ON,,OFF,ON	Direct	R	R	4
%SW2986			ON,,OFF,ON	Direct	R	R	4
%SW2987			ON,,OFF,ON	Direct	R	R	4
%SW2988			ON,,OFF,ON	Direct	R	R	4
%SW2989			ON,,OFF,ON	Direct	R	R	4
%SW2990			ON,,OFF,ON	Direct	R	R	4
%SW2991			ON,,OFF,ON	Direct	R	R	4
%SW2992			ON,,OFF,ON	Direct	R	R	4
%SW2993			ON,,OFF,ON	Direct	R	R	4
%SW2994			ON,,OFF,ON	Direct	R	R	4
%SW2995			ON,,OFF,ON	Direct	R	R	4
%SW2996			ON,,OFF,ON	Direct	R	R	4
%SW2997			ON,,OFF,ON	Direct	R	R	4
%SW2998			ON,,OFF,ON	Direct	R	R	4
%SW2999			ON,,OFF,ON	Direct	R	R	4
%SW3000			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-1
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Common Switch Builder

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3001			ON,,OFF,ON	Direct	R	R	4
%SW3002			ON,,OFF,ON	Direct	R	R	4
%SW3003			ON,,OFF,ON	Direct	R	R	4
%SW3004			ON,,OFF,ON	Direct	R	R	4
%SW3005			ON,,OFF,ON	Direct	R	R	4
%SW3006			ON,,OFF,ON	Direct	R	R	4
%SW3007			ON,,OFF,ON	Direct	R	R	4
%SW3008			ON,,OFF,ON	Direct	R	R	4
%SW3009			ON,,OFF,ON	Direct	R	R	4
%SW3010			ON,,OFF,ON	Direct	R	R	4
%SW3011			ON,,OFF,ON	Direct	R	R	4
%SW3012			ON,,OFF,ON	Direct	R	R	4
%SW3013			ON,,OFF,ON	Direct	R	R	4
%SW3014			ON,,OFF,ON	Direct	R	R	4
%SW3015			ON,,OFF,ON	Direct	R	R	4
%SW3016			ON,,OFF,ON	Direct	R	R	4
%SW3017			ON,,OFF,ON	Direct	R	R	4
%SW3018			ON,,OFF,ON	Direct	R	R	4
%SW3019			ON,,OFF,ON	Direct	R	R	4
%SW3020			ON,,OFF,ON	Direct	R	R	4
%SW3021			ON,,OFF,ON	Direct	R	R	4
%SW3022			ON,,OFF,ON	Direct	R	R	4
%SW3023			ON,,OFF,ON	Direct	R	R	4
%SW3024			ON,,OFF,ON	Direct	R	R	4
%SW3025			ON,,OFF,ON	Direct	R	R	4
%SW3026			ON,,OFF,ON	Direct	R	R	4
%SW3027			ON,,OFF,ON	Direct	R	R	4
%SW3028			ON,,OFF,ON	Direct	R	R	4
%SW3029			ON,,OFF,ON	Direct	R	R	4
%SW3030			ON,,OFF,ON	Direct	R	R	4
%SW3031			ON,,OFF,ON	Direct	R	R	4
%SW3032			ON,,OFF,ON	Direct	R	R	4
%SW3033			ON,,OFF,ON	Direct	R	R	4
%SW3034			ON,,OFF,ON	Direct	R	R	4
%SW3035			ON,,OFF,ON	Direct	R	R	4
%SW3036			ON,,OFF,ON	Direct	R	R	4
%SW3037			ON,,OFF,ON	Direct	R	R	4
%SW3038			ON,,OFF,ON	Direct	R	R	4
%SW3039			ON,,OFF,ON	Direct	R	R	4
%SW3040			ON,,OFF,ON	Direct	R	R	4
%SW3041			ON,,OFF,ON	Direct	R	R	4
%SW3042			ON,,OFF,ON	Direct	R	R	4
%SW3043			ON,,OFF,ON	Direct	R	R	4
%SW3044			ON,,OFF,ON	Direct	R	R	4
%SW3045			ON,,OFF,ON	Direct	R	R	4
%SW3046			ON,,OFF,ON	Direct	R	R	4
%SW3047			ON,,OFF,ON	Direct	R	R	4
%SW3048			ON,,OFF,ON	Direct	R	R	4
%SW3049			ON,,OFF,ON	Direct	R	R	4
%SW3050			ON,,OFF,ON	Direct	R	R	4
%SW3051			ON,,OFF,ON	Direct	R	R	4
%SW3052			ON,,OFF,ON	Direct	R	R	4
%SW3053			ON,,OFF,ON	Direct	R	R	4
%SW3054			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-2
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3055			ON,,OFF,ON	Direct	R	R	4
%SW3056			ON,,OFF,ON	Direct	R	R	4
%SW3057			ON,,OFF,ON	Direct	R	R	4
%SW3058			ON,,OFF,ON	Direct	R	R	4
%SW3059			ON,,OFF,ON	Direct	R	R	4
%SW3060			ON,,OFF,ON	Direct	R	R	4
%SW3061			ON,,OFF,ON	Direct	R	R	4
%SW3062			ON,,OFF,ON	Direct	R	R	4
%SW3063			ON,,OFF,ON	Direct	R	R	4
%SW3064			ON,,OFF,ON	Direct	R	R	4
%SW3065			ON,,OFF,ON	Direct	R	R	4
%SW3066			ON,,OFF,ON	Direct	R	R	4
%SW3067			ON,,OFF,ON	Direct	R	R	4
%SW3068			ON,,OFF,ON	Direct	R	R	4
%SW3069			ON,,OFF,ON	Direct	R	R	4
%SW3070			ON,,OFF,ON	Direct	R	R	4
%SW3071			ON,,OFF,ON	Direct	R	R	4
%SW3072			ON,,OFF,ON	Direct	R	R	4
%SW3073			ON,,OFF,ON	Direct	R	R	4
%SW3074			ON,,OFF,ON	Direct	R	R	4
%SW3075			ON,,OFF,ON	Direct	R	R	4
%SW3076			ON,,OFF,ON	Direct	R	R	4
%SW3077			ON,,OFF,ON	Direct	R	R	4
%SW3078			ON,,OFF,ON	Direct	R	R	4
%SW3079			ON,,OFF,ON	Direct	R	R	4
%SW3080			ON,,OFF,ON	Direct	R	R	4
%SW3081			ON,,OFF,ON	Direct	R	R	4
%SW3082			ON,,OFF,ON	Direct	R	R	4
%SW3083			ON,,OFF,ON	Direct	R	R	4
%SW3084			ON,,OFF,ON	Direct	R	R	4
%SW3085			ON,,OFF,ON	Direct	R	R	4
%SW3086			ON,,OFF,ON	Direct	R	R	4
%SW3087			ON,,OFF,ON	Direct	R	R	4
%SW3088			ON,,OFF,ON	Direct	R	R	4
%SW3089			ON,,OFF,ON	Direct	R	R	4
%SW3090			ON,,OFF,ON	Direct	R	R	4
%SW3091			ON,,OFF,ON	Direct	R	R	4
%SW3092			ON,,OFF,ON	Direct	R	R	4
%SW3093			ON,,OFF,ON	Direct	R	R	4
%SW3094			ON,,OFF,ON	Direct	R	R	4
%SW3095			ON,,OFF,ON	Direct	R	R	4
%SW3096			ON,,OFF,ON	Direct	R	R	4
%SW3097			ON,,OFF,ON	Direct	R	R	4
%SW3098			ON,,OFF,ON	Direct	R	R	4
%SW3099			ON,,OFF,ON	Direct	R	R	4
%SW3100			ON,,OFF,ON	Direct	R	R	4
%SW3101			ON,,OFF,ON	Direct	R	R	4
%SW3102			ON,,OFF,ON	Direct	R	R	4
%SW3103			ON,,OFF,ON	Direct	R	R	4
%SW3104			ON,,OFF,ON	Direct	R	R	4
%SW3105			ON,,OFF,ON	Direct	R	R	4
%SW3106			ON,,OFF,ON	Direct	R	R	4
%SW3107			ON,,OFF,ON	Direct	R	R	4
%SW3108			ON,,OFF,ON	Direct	R	R	4
%SW3109			ON,,OFF,ON	Direct	R	R	4
%SW3110			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-3
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3111			ON,,OFF,ON	Direct	R	R	4
%SW3112			ON,,OFF,ON	Direct	R	R	4
%SW3113			ON,,OFF,ON	Direct	R	R	4
%SW3114			ON,,OFF,ON	Direct	R	R	4
%SW3115			ON,,OFF,ON	Direct	R	R	4
%SW3116			ON,,OFF,ON	Direct	R	R	4
%SW3117			ON,,OFF,ON	Direct	R	R	4
%SW3118			ON,,OFF,ON	Direct	R	R	4
%SW3119			ON,,OFF,ON	Direct	R	R	4
%SW3120			ON,,OFF,ON	Direct	R	R	4
%SW3121			ON,,OFF,ON	Direct	R	R	4
%SW3122			ON,,OFF,ON	Direct	R	R	4
%SW3123			ON,,OFF,ON	Direct	R	R	4
%SW3124			ON,,OFF,ON	Direct	R	R	4
%SW3125			ON,,OFF,ON	Direct	R	R	4
%SW3126			ON,,OFF,ON	Direct	R	R	4
%SW3127			ON,,OFF,ON	Direct	R	R	4
%SW3128			ON,,OFF,ON	Direct	R	R	4
%SW3129			ON,,OFF,ON	Direct	R	R	4
%SW3130			ON,,OFF,ON	Direct	R	R	4
%SW3131			ON,,OFF,ON	Direct	R	R	4
%SW3132			ON,,OFF,ON	Direct	R	R	4
%SW3133			ON,,OFF,ON	Direct	R	R	4
%SW3134			ON,,OFF,ON	Direct	R	R	4
%SW3135			ON,,OFF,ON	Direct	R	R	4
%SW3136			ON,,OFF,ON	Direct	R	R	4
%SW3137			ON,,OFF,ON	Direct	R	R	4
%SW3138			ON,,OFF,ON	Direct	R	R	4
%SW3139			ON,,OFF,ON	Direct	R	R	4
%SW3140			ON,,OFF,ON	Direct	R	R	4
%SW3141			ON,,OFF,ON	Direct	R	R	4
%SW3142			ON,,OFF,ON	Direct	R	R	4
%SW3143			ON,,OFF,ON	Direct	R	R	4
%SW3144			ON,,OFF,ON	Direct	R	R	4
%SW3145			ON,,OFF,ON	Direct	R	R	4
%SW3146			ON,,OFF,ON	Direct	R	R	4
%SW3147			ON,,OFF,ON	Direct	R	R	4
%SW3148			ON,,OFF,ON	Direct	R	R	4
%SW3149			ON,,OFF,ON	Direct	R	R	4
%SW3150			ON,,OFF,ON	Direct	R	R	4
%SW3151			ON,,OFF,ON	Direct	R	R	4
%SW3152			ON,,OFF,ON	Direct	R	R	4
%SW3153			ON,,OFF,ON	Direct	R	R	4
%SW3154			ON,,OFF,ON	Direct	R	R	4
%SW3155			ON,,OFF,ON	Direct	R	R	4
%SW3156			ON,,OFF,ON	Direct	R	R	4
%SW3157			ON,,OFF,ON	Direct	R	R	4
%SW3158			ON,,OFF,ON	Direct	R	R	4
%SW3159			ON,,OFF,ON	Direct	R	R	4
%SW3160			ON,,OFF,ON	Direct	R	R	4
%SW3161			ON,,OFF,ON	Direct	R	R	4
%SW3162			ON,,OFF,ON	Direct	R	R	4
%SW3163			ON,,OFF,ON	Direct	R	R	4
%SW3164			ON,,OFF,ON	Direct	R	R	4
%SW3165			ON,,OFF,ON	Direct	R	R	4
%SW3166			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-4
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3167			ON,,OFF,ON	Direct	R	R	4
%SW3168			ON,,OFF,ON	Direct	R	R	4
%SW3169			ON,,OFF,ON	Direct	R	R	4
%SW3170			ON,,OFF,ON	Direct	R	R	4
%SW3171			ON,,OFF,ON	Direct	R	R	4
%SW3172			ON,,OFF,ON	Direct	R	R	4
%SW3173			ON,,OFF,ON	Direct	R	R	4
%SW3174			ON,,OFF,ON	Direct	R	R	4
%SW3175			ON,,OFF,ON	Direct	R	R	4
%SW3176			ON,,OFF,ON	Direct	R	R	4
%SW3177			ON,,OFF,ON	Direct	R	R	4
%SW3178			ON,,OFF,ON	Direct	R	R	4
%SW3179			ON,,OFF,ON	Direct	R	R	4
%SW3180			ON,,OFF,ON	Direct	R	R	4
%SW3181			ON,,OFF,ON	Direct	R	R	4
%SW3182			ON,,OFF,ON	Direct	R	R	4
%SW3183			ON,,OFF,ON	Direct	R	R	4
%SW3184			ON,,OFF,ON	Direct	R	R	4
%SW3185			ON,,OFF,ON	Direct	R	R	4
%SW3186			ON,,OFF,ON	Direct	R	R	4
%SW3187			ON,,OFF,ON	Direct	R	R	4
%SW3188			ON,,OFF,ON	Direct	R	R	4
%SW3189			ON,,OFF,ON	Direct	R	R	4
%SW3190			ON,,OFF,ON	Direct	R	R	4
%SW3191			ON,,OFF,ON	Direct	R	R	4
%SW3192			ON,,OFF,ON	Direct	R	R	4
%SW3193			ON,,OFF,ON	Direct	R	R	4
%SW3194			ON,,OFF,ON	Direct	R	R	4
%SW3195			ON,,OFF,ON	Direct	R	R	4
%SW3196			ON,,OFF,ON	Direct	R	R	4
%SW3197			ON,,OFF,ON	Direct	R	R	4
%SW3198			ON,,OFF,ON	Direct	R	R	4
%SW3199			ON,,OFF,ON	Direct	R	R	4
%SW3200			ON,,OFF,ON	Direct	R	R	4
%SW3201			ON,,OFF,ON	Direct	R	R	4
%SW3202			ON,,OFF,ON	Direct	R	R	4
%SW3203			ON,,OFF,ON	Direct	R	R	4
%SW3204			ON,,OFF,ON	Direct	R	R	4
%SW3205			ON,,OFF,ON	Direct	R	R	4
%SW3206			ON,,OFF,ON	Direct	R	R	4
%SW3207			ON,,OFF,ON	Direct	R	R	4
%SW3208			ON,,OFF,ON	Direct	R	R	4
%SW3209			ON,,OFF,ON	Direct	R	R	4
%SW3210			ON,,OFF,ON	Direct	R	R	4
%SW3211			ON,,OFF,ON	Direct	R	R	4
%SW3212			ON,,OFF,ON	Direct	R	R	4
%SW3213			ON,,OFF,ON	Direct	R	R	4
%SW3214			ON,,OFF,ON	Direct	R	R	4
%SW3215			ON,,OFF,ON	Direct	R	R	4
%SW3216			ON,,OFF,ON	Direct	R	R	4
%SW3217			ON,,OFF,ON	Direct	R	R	4
%SW3218			ON,,OFF,ON	Direct	R	R	4
%SW3219			ON,,OFF,ON	Direct	R	R	4
%SW3220			ON,,OFF,ON	Direct	R	R	4
%SW3221			ON,,OFF,ON	Direct	R	R	4
%SW3222			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-5
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3223			ON,,OFF,ON	Direct	R	R	4
%SW3224			ON,,OFF,ON	Direct	R	R	4
%SW3225			ON,,OFF,ON	Direct	R	R	4
%SW3226			ON,,OFF,ON	Direct	R	R	4
%SW3227			ON,,OFF,ON	Direct	R	R	4
%SW3228			ON,,OFF,ON	Direct	R	R	4
%SW3229			ON,,OFF,ON	Direct	R	R	4
%SW3230			ON,,OFF,ON	Direct	R	R	4
%SW3231			ON,,OFF,ON	Direct	R	R	4
%SW3232			ON,,OFF,ON	Direct	R	R	4
%SW3233			ON,,OFF,ON	Direct	R	R	4
%SW3234			ON,,OFF,ON	Direct	R	R	4
%SW3235			ON,,OFF,ON	Direct	R	R	4
%SW3236			ON,,OFF,ON	Direct	R	R	4
%SW3237			ON,,OFF,ON	Direct	R	R	4
%SW3238			ON,,OFF,ON	Direct	R	R	4
%SW3239			ON,,OFF,ON	Direct	R	R	4
%SW3240			ON,,OFF,ON	Direct	R	R	4
%SW3241			ON,,OFF,ON	Direct	R	R	4
%SW3242			ON,,OFF,ON	Direct	R	R	4
%SW3243			ON,,OFF,ON	Direct	R	R	4
%SW3244			ON,,OFF,ON	Direct	R	R	4
%SW3245			ON,,OFF,ON	Direct	R	R	4
%SW3246			ON,,OFF,ON	Direct	R	R	4
%SW3247			ON,,OFF,ON	Direct	R	R	4
%SW3248			ON,,OFF,ON	Direct	R	R	4
%SW3249			ON,,OFF,ON	Direct	R	R	4
%SW3250			ON,,OFF,ON	Direct	R	R	4
%SW3251			ON,,OFF,ON	Direct	R	R	4
%SW3252			ON,,OFF,ON	Direct	R	R	4
%SW3253			ON,,OFF,ON	Direct	R	R	4
%SW3254			ON,,OFF,ON	Direct	R	R	4
%SW3255			ON,,OFF,ON	Direct	R	R	4
%SW3256			ON,,OFF,ON	Direct	R	R	4
%SW3257			ON,,OFF,ON	Direct	R	R	4
%SW3258			ON,,OFF,ON	Direct	R	R	4
%SW3259			ON,,OFF,ON	Direct	R	R	4
%SW3260			ON,,OFF,ON	Direct	R	R	4
%SW3261			ON,,OFF,ON	Direct	R	R	4
%SW3262			ON,,OFF,ON	Direct	R	R	4
%SW3263			ON,,OFF,ON	Direct	R	R	4
%SW3264			ON,,OFF,ON	Direct	R	R	4
%SW3265			ON,,OFF,ON	Direct	R	R	4
%SW3266			ON,,OFF,ON	Direct	R	R	4
%SW3267			ON,,OFF,ON	Direct	R	R	4
%SW3268			ON,,OFF,ON	Direct	R	R	4
%SW3269			ON,,OFF,ON	Direct	R	R	4
%SW3270			ON,,OFF,ON	Direct	R	R	4
%SW3271			ON,,OFF,ON	Direct	R	R	4
%SW3272			ON,,OFF,ON	Direct	R	R	4
%SW3273			ON,,OFF,ON	Direct	R	R	4
%SW3274			ON,,OFF,ON	Direct	R	R	4
%SW3275			ON,,OFF,ON	Direct	R	R	4
%SW3276			ON,,OFF,ON	Direct	R	R	4
%SW3277			ON,,OFF,ON	Direct	R	R	4
%SW3278			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-6
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3279			ON,,OFF,ON	Direct	R	R	4
%SW3280			ON,,OFF,ON	Direct	R	R	4
%SW3281			ON,,OFF,ON	Direct	R	R	4
%SW3282			ON,,OFF,ON	Direct	R	R	4
%SW3283			ON,,OFF,ON	Direct	R	R	4
%SW3284			ON,,OFF,ON	Direct	R	R	4
%SW3285			ON,,OFF,ON	Direct	R	R	4
%SW3286			ON,,OFF,ON	Direct	R	R	4
%SW3287			ON,,OFF,ON	Direct	R	R	4
%SW3288			ON,,OFF,ON	Direct	R	R	4
%SW3289			ON,,OFF,ON	Direct	R	R	4
%SW3290			ON,,OFF,ON	Direct	R	R	4
%SW3291			ON,,OFF,ON	Direct	R	R	4
%SW3292			ON,,OFF,ON	Direct	R	R	4
%SW3293			ON,,OFF,ON	Direct	R	R	4
%SW3294			ON,,OFF,ON	Direct	R	R	4
%SW3295			ON,,OFF,ON	Direct	R	R	4
%SW3296			ON,,OFF,ON	Direct	R	R	4
%SW3297			ON,,OFF,ON	Direct	R	R	4
%SW3298			ON,,OFF,ON	Direct	R	R	4
%SW3299			ON,,OFF,ON	Direct	R	R	4
%SW3300			ON,,OFF,ON	Direct	R	R	4
%SW3301			ON,,OFF,ON	Direct	R	R	4
%SW3302			ON,,OFF,ON	Direct	R	R	4
%SW3303			ON,,OFF,ON	Direct	R	R	4
%SW3304			ON,,OFF,ON	Direct	R	R	4
%SW3305			ON,,OFF,ON	Direct	R	R	4
%SW3306			ON,,OFF,ON	Direct	R	R	4
%SW3307			ON,,OFF,ON	Direct	R	R	4
%SW3308			ON,,OFF,ON	Direct	R	R	4
%SW3309			ON,,OFF,ON	Direct	R	R	4
%SW3310			ON,,OFF,ON	Direct	R	R	4
%SW3311			ON,,OFF,ON	Direct	R	R	4
%SW3312			ON,,OFF,ON	Direct	R	R	4
%SW3313			ON,,OFF,ON	Direct	R	R	4
%SW3314			ON,,OFF,ON	Direct	R	R	4
%SW3315			ON,,OFF,ON	Direct	R	R	4
%SW3316			ON,,OFF,ON	Direct	R	R	4
%SW3317			ON,,OFF,ON	Direct	R	R	4
%SW3318			ON,,OFF,ON	Direct	R	R	4
%SW3319			ON,,OFF,ON	Direct	R	R	4
%SW3320			ON,,OFF,ON	Direct	R	R	4
%SW3321			ON,,OFF,ON	Direct	R	R	4
%SW3322			ON,,OFF,ON	Direct	R	R	4
%SW3323			ON,,OFF,ON	Direct	R	R	4
%SW3324			ON,,OFF,ON	Direct	R	R	4
%SW3325			ON,,OFF,ON	Direct	R	R	4
%SW3326			ON,,OFF,ON	Direct	R	R	4
%SW3327			ON,,OFF,ON	Direct	R	R	4
%SW3328			ON,,OFF,ON	Direct	R	R	4
%SW3329			ON,,OFF,ON	Direct	R	R	4
%SW3330			ON,,OFF,ON	Direct	R	R	4
%SW3331			ON,,OFF,ON	Direct	R	R	4
%SW3332			ON,,OFF,ON	Direct	R	R	4
%SW3333			ON,,OFF,ON	Direct	R	R	4
%SW3334			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-7
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3335			ON,,OFF,ON	Direct	R	R	4
%SW3336			ON,,OFF,ON	Direct	R	R	4
%SW3337			ON,,OFF,ON	Direct	R	R	4
%SW3338			ON,,OFF,ON	Direct	R	R	4
%SW3339			ON,,OFF,ON	Direct	R	R	4
%SW3340			ON,,OFF,ON	Direct	R	R	4
%SW3341			ON,,OFF,ON	Direct	R	R	4
%SW3342			ON,,OFF,ON	Direct	R	R	4
%SW3343			ON,,OFF,ON	Direct	R	R	4
%SW3344			ON,,OFF,ON	Direct	R	R	4
%SW3345			ON,,OFF,ON	Direct	R	R	4
%SW3346			ON,,OFF,ON	Direct	R	R	4
%SW3347			ON,,OFF,ON	Direct	R	R	4
%SW3348			ON,,OFF,ON	Direct	R	R	4
%SW3349			ON,,OFF,ON	Direct	R	R	4
%SW3350			ON,,OFF,ON	Direct	R	R	4
%SW3351			ON,,OFF,ON	Direct	R	R	4
%SW3352			ON,,OFF,ON	Direct	R	R	4
%SW3353			ON,,OFF,ON	Direct	R	R	4
%SW3354			ON,,OFF,ON	Direct	R	R	4
%SW3355			ON,,OFF,ON	Direct	R	R	4
%SW3356			ON,,OFF,ON	Direct	R	R	4
%SW3357			ON,,OFF,ON	Direct	R	R	4
%SW3358			ON,,OFF,ON	Direct	R	R	4
%SW3359			ON,,OFF,ON	Direct	R	R	4
%SW3360			ON,,OFF,ON	Direct	R	R	4
%SW3361			ON,,OFF,ON	Direct	R	R	4
%SW3362			ON,,OFF,ON	Direct	R	R	4
%SW3363			ON,,OFF,ON	Direct	R	R	4
%SW3364			ON,,OFF,ON	Direct	R	R	4
%SW3365			ON,,OFF,ON	Direct	R	R	4
%SW3366			ON,,OFF,ON	Direct	R	R	4
%SW3367			ON,,OFF,ON	Direct	R	R	4
%SW3368			ON,,OFF,ON	Direct	R	R	4
%SW3369			ON,,OFF,ON	Direct	R	R	4
%SW3370			ON,,OFF,ON	Direct	R	R	4
%SW3371			ON,,OFF,ON	Direct	R	R	4
%SW3372			ON,,OFF,ON	Direct	R	R	4
%SW3373			ON,,OFF,ON	Direct	R	R	4
%SW3374			ON,,OFF,ON	Direct	R	R	4
%SW3375			ON,,OFF,ON	Direct	R	R	4
%SW3376			ON,,OFF,ON	Direct	R	R	4
%SW3377			ON,,OFF,ON	Direct	R	R	4
%SW3378			ON,,OFF,ON	Direct	R	R	4
%SW3379			ON,,OFF,ON	Direct	R	R	4
%SW3380			ON,,OFF,ON	Direct	R	R	4
%SW3381			ON,,OFF,ON	Direct	R	R	4
%SW3382			ON,,OFF,ON	Direct	R	R	4
%SW3383			ON,,OFF,ON	Direct	R	R	4
%SW3384			ON,,OFF,ON	Direct	R	R	4
%SW3385			ON,,OFF,ON	Direct	R	R	4
%SW3386			ON,,OFF,ON	Direct	R	R	4
%SW3387			ON,,OFF,ON	Direct	R	R	4
%SW3388			ON,,OFF,ON	Direct	R	R	4
%SW3389			ON,,OFF,ON	Direct	R	R	4
%SW3390			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-8
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3391			ON,,OFF,ON	Direct	R	R	4
%SW3392			ON,,OFF,ON	Direct	R	R	4
%SW3393			ON,,OFF,ON	Direct	R	R	4
%SW3394			ON,,OFF,ON	Direct	R	R	4
%SW3395			ON,,OFF,ON	Direct	R	R	4
%SW3396			ON,,OFF,ON	Direct	R	R	4
%SW3397			ON,,OFF,ON	Direct	R	R	4
%SW3398			ON,,OFF,ON	Direct	R	R	4
%SW3399			ON,,OFF,ON	Direct	R	R	4
%SW3400			ON,,OFF,ON	Direct	R	R	4
%SW3401			ON,,OFF,ON	Direct	R	R	4
%SW3402			ON,,OFF,ON	Direct	R	R	4
%SW3403			ON,,OFF,ON	Direct	R	R	4
%SW3404			ON,,OFF,ON	Direct	R	R	4
%SW3405			ON,,OFF,ON	Direct	R	R	4
%SW3406			ON,,OFF,ON	Direct	R	R	4
%SW3407			ON,,OFF,ON	Direct	R	R	4
%SW3408			ON,,OFF,ON	Direct	R	R	4
%SW3409			ON,,OFF,ON	Direct	R	R	4
%SW3410			ON,,OFF,ON	Direct	R	R	4
%SW3411			ON,,OFF,ON	Direct	R	R	4
%SW3412			ON,,OFF,ON	Direct	R	R	4
%SW3413			ON,,OFF,ON	Direct	R	R	4
%SW3414			ON,,OFF,ON	Direct	R	R	4
%SW3415			ON,,OFF,ON	Direct	R	R	4
%SW3416			ON,,OFF,ON	Direct	R	R	4
%SW3417			ON,,OFF,ON	Direct	R	R	4
%SW3418			ON,,OFF,ON	Direct	R	R	4
%SW3419			ON,,OFF,ON	Direct	R	R	4
%SW3420			ON,,OFF,ON	Direct	R	R	4
%SW3421			ON,,OFF,ON	Direct	R	R	4
%SW3422			ON,,OFF,ON	Direct	R	R	4
%SW3423			ON,,OFF,ON	Direct	R	R	4
%SW3424			ON,,OFF,ON	Direct	R	R	4
%SW3425			ON,,OFF,ON	Direct	R	R	4
%SW3426			ON,,OFF,ON	Direct	R	R	4
%SW3427			ON,,OFF,ON	Direct	R	R	4
%SW3428			ON,,OFF,ON	Direct	R	R	4
%SW3429			ON,,OFF,ON	Direct	R	R	4
%SW3430			ON,,OFF,ON	Direct	R	R	4
%SW3431			ON,,OFF,ON	Direct	R	R	4
%SW3432			ON,,OFF,ON	Direct	R	R	4
%SW3433			ON,,OFF,ON	Direct	R	R	4
%SW3434			ON,,OFF,ON	Direct	R	R	4
%SW3435			ON,,OFF,ON	Direct	R	R	4
%SW3436			ON,,OFF,ON	Direct	R	R	4
%SW3437			ON,,OFF,ON	Direct	R	R	4
%SW3438			ON,,OFF,ON	Direct	R	R	4
%SW3439			ON,,OFF,ON	Direct	R	R	4
%SW3440			ON,,OFF,ON	Direct	R	R	4
%SW3441			ON,,OFF,ON	Direct	R	R	4
%SW3442			ON,,OFF,ON	Direct	R	R	4
%SW3443			ON,,OFF,ON	Direct	R	R	4
%SW3444			ON,,OFF,ON	Direct	R	R	4
%SW3445			ON,,OFF,ON	Direct	R	R	4
%SW3446			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-9
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3447			ON,,OFF,ON	Direct	R	R	4
%SW3448			ON,,OFF,ON	Direct	R	R	4
%SW3449			ON,,OFF,ON	Direct	R	R	4
%SW3450			ON,,OFF,ON	Direct	R	R	4
%SW3451			ON,,OFF,ON	Direct	R	R	4
%SW3452			ON,,OFF,ON	Direct	R	R	4
%SW3453			ON,,OFF,ON	Direct	R	R	4
%SW3454			ON,,OFF,ON	Direct	R	R	4
%SW3455			ON,,OFF,ON	Direct	R	R	4
%SW3456			ON,,OFF,ON	Direct	R	R	4
%SW3457			ON,,OFF,ON	Direct	R	R	4
%SW3458			ON,,OFF,ON	Direct	R	R	4
%SW3459			ON,,OFF,ON	Direct	R	R	4
%SW3460			ON,,OFF,ON	Direct	R	R	4
%SW3461			ON,,OFF,ON	Direct	R	R	4
%SW3462			ON,,OFF,ON	Direct	R	R	4
%SW3463			ON,,OFF,ON	Direct	R	R	4
%SW3464			ON,,OFF,ON	Direct	R	R	4
%SW3465			ON,,OFF,ON	Direct	R	R	4
%SW3466			ON,,OFF,ON	Direct	R	R	4
%SW3467			ON,,OFF,ON	Direct	R	R	4
%SW3468			ON,,OFF,ON	Direct	R	R	4
%SW3469			ON,,OFF,ON	Direct	R	R	4
%SW3470			ON,,OFF,ON	Direct	R	R	4
%SW3471			ON,,OFF,ON	Direct	R	R	4
%SW3472			ON,,OFF,ON	Direct	R	R	4
%SW3473			ON,,OFF,ON	Direct	R	R	4
%SW3474			ON,,OFF,ON	Direct	R	R	4
%SW3475			ON,,OFF,ON	Direct	R	R	4
%SW3476			ON,,OFF,ON	Direct	R	R	4
%SW3477			ON,,OFF,ON	Direct	R	R	4
%SW3478			ON,,OFF,ON	Direct	R	R	4
%SW3479			ON,,OFF,ON	Direct	R	R	4
%SW3480			ON,,OFF,ON	Direct	R	R	4
%SW3481			ON,,OFF,ON	Direct	R	R	4
%SW3482			ON,,OFF,ON	Direct	R	R	4
%SW3483			ON,,OFF,ON	Direct	R	R	4
%SW3484			ON,,OFF,ON	Direct	R	R	4
%SW3485			ON,,OFF,ON	Direct	R	R	4
%SW3486			ON,,OFF,ON	Direct	R	R	4
%SW3487			ON,,OFF,ON	Direct	R	R	4
%SW3488			ON,,OFF,ON	Direct	R	R	4
%SW3489			ON,,OFF,ON	Direct	R	R	4
%SW3490			ON,,OFF,ON	Direct	R	R	4
%SW3491			ON,,OFF,ON	Direct	R	R	4
%SW3492			ON,,OFF,ON	Direct	R	R	4
%SW3493			ON,,OFF,ON	Direct	R	R	4
%SW3494			ON,,OFF,ON	Direct	R	R	4
%SW3495			ON,,OFF,ON	Direct	R	R	4
%SW3496			ON,,OFF,ON	Direct	R	R	4
%SW3497			ON,,OFF,ON	Direct	R	R	4
%SW3498			ON,,OFF,ON	Direct	R	R	4
%SW3499			ON,,OFF,ON	Direct	R	R	4
%SW3500			ON,,OFF,ON	Direct	R	R	4
%SW3501			ON,,OFF,ON	Direct	R	R	4
%SW3502			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-10
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3503			ON,,OFF,ON	Direct	R	R	4
%SW3504			ON,,OFF,ON	Direct	R	R	4
%SW3505			ON,,OFF,ON	Direct	R	R	4
%SW3506			ON,,OFF,ON	Direct	R	R	4
%SW3507			ON,,OFF,ON	Direct	R	R	4
%SW3508			ON,,OFF,ON	Direct	R	R	4
%SW3509			ON,,OFF,ON	Direct	R	R	4
%SW3510			ON,,OFF,ON	Direct	R	R	4
%SW3511			ON,,OFF,ON	Direct	R	R	4
%SW3512			ON,,OFF,ON	Direct	R	R	4
%SW3513			ON,,OFF,ON	Direct	R	R	4
%SW3514			ON,,OFF,ON	Direct	R	R	4
%SW3515			ON,,OFF,ON	Direct	R	R	4
%SW3516			ON,,OFF,ON	Direct	R	R	4
%SW3517			ON,,OFF,ON	Direct	R	R	4
%SW3518			ON,,OFF,ON	Direct	R	R	4
%SW3519			ON,,OFF,ON	Direct	R	R	4
%SW3520			ON,,OFF,ON	Direct	R	R	4
%SW3521			ON,,OFF,ON	Direct	R	R	4
%SW3522			ON,,OFF,ON	Direct	R	R	4
%SW3523			ON,,OFF,ON	Direct	R	R	4
%SW3524			ON,,OFF,ON	Direct	R	R	4
%SW3525			ON,,OFF,ON	Direct	R	R	4
%SW3526			ON,,OFF,ON	Direct	R	R	4
%SW3527			ON,,OFF,ON	Direct	R	R	4
%SW3528			ON,,OFF,ON	Direct	R	R	4
%SW3529			ON,,OFF,ON	Direct	R	R	4
%SW3530			ON,,OFF,ON	Direct	R	R	4
%SW3531			ON,,OFF,ON	Direct	R	R	4
%SW3532			ON,,OFF,ON	Direct	R	R	4
%SW3533			ON,,OFF,ON	Direct	R	R	4
%SW3534			ON,,OFF,ON	Direct	R	R	4
%SW3535			ON,,OFF,ON	Direct	R	R	4
%SW3536			ON,,OFF,ON	Direct	R	R	4
%SW3537			ON,,OFF,ON	Direct	R	R	4
%SW3538			ON,,OFF,ON	Direct	R	R	4
%SW3539			ON,,OFF,ON	Direct	R	R	4
%SW3540			ON,,OFF,ON	Direct	R	R	4
%SW3541			ON,,OFF,ON	Direct	R	R	4
%SW3542			ON,,OFF,ON	Direct	R	R	4
%SW3543			ON,,OFF,ON	Direct	R	R	4
%SW3544			ON,,OFF,ON	Direct	R	R	4
%SW3545			ON,,OFF,ON	Direct	R	R	4
%SW3546			ON,,OFF,ON	Direct	R	R	4
%SW3547			ON,,OFF,ON	Direct	R	R	4
%SW3548			ON,,OFF,ON	Direct	R	R	4
%SW3549			ON,,OFF,ON	Direct	R	R	4
%SW3550			ON,,OFF,ON	Direct	R	R	4
%SW3551			ON,,OFF,ON	Direct	R	R	4
%SW3552			ON,,OFF,ON	Direct	R	R	4
%SW3553			ON,,OFF,ON	Direct	R	R	4
%SW3554			ON,,OFF,ON	Direct	R	R	4
%SW3555			ON,,OFF,ON	Direct	R	R	4
%SW3556			ON,,OFF,ON	Direct	R	R	4
%SW3557			ON,,OFF,ON	Direct	R	R	4
%SW3558			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-11
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3559			ON,,OFF,ON	Direct	R	R	4
%SW3560			ON,,OFF,ON	Direct	R	R	4
%SW3561			ON,,OFF,ON	Direct	R	R	4
%SW3562			ON,,OFF,ON	Direct	R	R	4
%SW3563			ON,,OFF,ON	Direct	R	R	4
%SW3564			ON,,OFF,ON	Direct	R	R	4
%SW3565			ON,,OFF,ON	Direct	R	R	4
%SW3566			ON,,OFF,ON	Direct	R	R	4
%SW3567			ON,,OFF,ON	Direct	R	R	4
%SW3568			ON,,OFF,ON	Direct	R	R	4
%SW3569			ON,,OFF,ON	Direct	R	R	4
%SW3570			ON,,OFF,ON	Direct	R	R	4
%SW3571			ON,,OFF,ON	Direct	R	R	4
%SW3572			ON,,OFF,ON	Direct	R	R	4
%SW3573			ON,,OFF,ON	Direct	R	R	4
%SW3574			ON,,OFF,ON	Direct	R	R	4
%SW3575			ON,,OFF,ON	Direct	R	R	4
%SW3576			ON,,OFF,ON	Direct	R	R	4
%SW3577			ON,,OFF,ON	Direct	R	R	4
%SW3578			ON,,OFF,ON	Direct	R	R	4
%SW3579			ON,,OFF,ON	Direct	R	R	4
%SW3580			ON,,OFF,ON	Direct	R	R	4
%SW3581			ON,,OFF,ON	Direct	R	R	4
%SW3582			ON,,OFF,ON	Direct	R	R	4
%SW3583			ON,,OFF,ON	Direct	R	R	4
%SW3584			ON,,OFF,ON	Direct	R	R	4
%SW3585			ON,,OFF,ON	Direct	R	R	4
%SW3586			ON,,OFF,ON	Direct	R	R	4
%SW3587			ON,,OFF,ON	Direct	R	R	4
%SW3588			ON,,OFF,ON	Direct	R	R	4
%SW3589			ON,,OFF,ON	Direct	R	R	4
%SW3590			ON,,OFF,ON	Direct	R	R	4
%SW3591			ON,,OFF,ON	Direct	R	R	4
%SW3592			ON,,OFF,ON	Direct	R	R	4
%SW3593			ON,,OFF,ON	Direct	R	R	4
%SW3594			ON,,OFF,ON	Direct	R	R	4
%SW3595			ON,,OFF,ON	Direct	R	R	4
%SW3596			ON,,OFF,ON	Direct	R	R	4
%SW3597			ON,,OFF,ON	Direct	R	R	4
%SW3598			ON,,OFF,ON	Direct	R	R	4
%SW3599			ON,,OFF,ON	Direct	R	R	4
%SW3600			ON,,OFF,ON	Direct	R	R	4
%SW3601			ON,,OFF,ON	Direct	R	R	4
%SW3602			ON,,OFF,ON	Direct	R	R	4
%SW3603			ON,,OFF,ON	Direct	R	R	4
%SW3604			ON,,OFF,ON	Direct	R	R	4
%SW3605			ON,,OFF,ON	Direct	R	R	4
%SW3606			ON,,OFF,ON	Direct	R	R	4
%SW3607			ON,,OFF,ON	Direct	R	R	4
%SW3608			ON,,OFF,ON	Direct	R	R	4
%SW3609			ON,,OFF,ON	Direct	R	R	4
%SW3610			ON,,OFF,ON	Direct	R	R	4
%SW3611			ON,,OFF,ON	Direct	R	R	4
%SW3612			ON,,OFF,ON	Direct	R	R	4
%SW3613			ON,,OFF,ON	Direct	R	R	4
%SW3614			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-12
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3615			ON,,OFF,ON	Direct	R	R	4
%SW3616			ON,,OFF,ON	Direct	R	R	4
%SW3617			ON,,OFF,ON	Direct	R	R	4
%SW3618			ON,,OFF,ON	Direct	R	R	4
%SW3619			ON,,OFF,ON	Direct	R	R	4
%SW3620			ON,,OFF,ON	Direct	R	R	4
%SW3621			ON,,OFF,ON	Direct	R	R	4
%SW3622			ON,,OFF,ON	Direct	R	R	4
%SW3623			ON,,OFF,ON	Direct	R	R	4
%SW3624			ON,,OFF,ON	Direct	R	R	4
%SW3625			ON,,OFF,ON	Direct	R	R	4
%SW3626			ON,,OFF,ON	Direct	R	R	4
%SW3627			ON,,OFF,ON	Direct	R	R	4
%SW3628			ON,,OFF,ON	Direct	R	R	4
%SW3629			ON,,OFF,ON	Direct	R	R	4
%SW3630			ON,,OFF,ON	Direct	R	R	4
%SW3631			ON,,OFF,ON	Direct	R	R	4
%SW3632			ON,,OFF,ON	Direct	R	R	4
%SW3633			ON,,OFF,ON	Direct	R	R	4
%SW3634			ON,,OFF,ON	Direct	R	R	4
%SW3635			ON,,OFF,ON	Direct	R	R	4
%SW3636			ON,,OFF,ON	Direct	R	R	4
%SW3637			ON,,OFF,ON	Direct	R	R	4
%SW3638			ON,,OFF,ON	Direct	R	R	4
%SW3639			ON,,OFF,ON	Direct	R	R	4
%SW3640			ON,,OFF,ON	Direct	R	R	4
%SW3641			ON,,OFF,ON	Direct	R	R	4
%SW3642			ON,,OFF,ON	Direct	R	R	4
%SW3643			ON,,OFF,ON	Direct	R	R	4
%SW3644			ON,,OFF,ON	Direct	R	R	4
%SW3645			ON,,OFF,ON	Direct	R	R	4
%SW3646			ON,,OFF,ON	Direct	R	R	4
%SW3647			ON,,OFF,ON	Direct	R	R	4
%SW3648			ON,,OFF,ON	Direct	R	R	4
%SW3649			ON,,OFF,ON	Direct	R	R	4
%SW3650			ON,,OFF,ON	Direct	R	R	4
%SW3651			ON,,OFF,ON	Direct	R	R	4
%SW3652			ON,,OFF,ON	Direct	R	R	4
%SW3653			ON,,OFF,ON	Direct	R	R	4
%SW3654			ON,,OFF,ON	Direct	R	R	4
%SW3655			ON,,OFF,ON	Direct	R	R	4
%SW3656			ON,,OFF,ON	Direct	R	R	4
%SW3657			ON,,OFF,ON	Direct	R	R	4
%SW3658			ON,,OFF,ON	Direct	R	R	4
%SW3659			ON,,OFF,ON	Direct	R	R	4
%SW3660			ON,,OFF,ON	Direct	R	R	4
%SW3661			ON,,OFF,ON	Direct	R	R	4
%SW3662			ON,,OFF,ON	Direct	R	R	4
%SW3663			ON,,OFF,ON	Direct	R	R	4
%SW3664			ON,,OFF,ON	Direct	R	R	4
%SW3665			ON,,OFF,ON	Direct	R	R	4
%SW3666			ON,,OFF,ON	Direct	R	R	4
%SW3667			ON,,OFF,ON	Direct	R	R	4
%SW3668			ON,,OFF,ON	Direct	R	R	4
%SW3669			ON,,OFF,ON	Direct	R	R	4
%SW3670			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-13
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3671			ON,,OFF,ON	Direct	R	R	4
%SW3672			ON,,OFF,ON	Direct	R	R	4
%SW3673			ON,,OFF,ON	Direct	R	R	4
%SW3674			ON,,OFF,ON	Direct	R	R	4
%SW3675			ON,,OFF,ON	Direct	R	R	4
%SW3676			ON,,OFF,ON	Direct	R	R	4
%SW3677			ON,,OFF,ON	Direct	R	R	4
%SW3678			ON,,OFF,ON	Direct	R	R	4
%SW3679			ON,,OFF,ON	Direct	R	R	4
%SW3680			ON,,OFF,ON	Direct	R	R	4
%SW3681			ON,,OFF,ON	Direct	R	R	4
%SW3682			ON,,OFF,ON	Direct	R	R	4
%SW3683			ON,,OFF,ON	Direct	R	R	4
%SW3684			ON,,OFF,ON	Direct	R	R	4
%SW3685			ON,,OFF,ON	Direct	R	R	4
%SW3686			ON,,OFF,ON	Direct	R	R	4
%SW3687			ON,,OFF,ON	Direct	R	R	4
%SW3688			ON,,OFF,ON	Direct	R	R	4
%SW3689			ON,,OFF,ON	Direct	R	R	4
%SW3690			ON,,OFF,ON	Direct	R	R	4
%SW3691			ON,,OFF,ON	Direct	R	R	4
%SW3692			ON,,OFF,ON	Direct	R	R	4
%SW3693			ON,,OFF,ON	Direct	R	R	4
%SW3694			ON,,OFF,ON	Direct	R	R	4
%SW3695			ON,,OFF,ON	Direct	R	R	4
%SW3696			ON,,OFF,ON	Direct	R	R	4
%SW3697			ON,,OFF,ON	Direct	R	R	4
%SW3698			ON,,OFF,ON	Direct	R	R	4
%SW3699			ON,,OFF,ON	Direct	R	R	4
%SW3700			ON,,OFF,ON	Direct	R	R	4
%SW3701			ON,,OFF,ON	Direct	R	R	4
%SW3702			ON,,OFF,ON	Direct	R	R	4
%SW3703			ON,,OFF,ON	Direct	R	R	4
%SW3704			ON,,OFF,ON	Direct	R	R	4
%SW3705			ON,,OFF,ON	Direct	R	R	4
%SW3706			ON,,OFF,ON	Direct	R	R	4
%SW3707			ON,,OFF,ON	Direct	R	R	4
%SW3708			ON,,OFF,ON	Direct	R	R	4
%SW3709			ON,,OFF,ON	Direct	R	R	4
%SW3710			ON,,OFF,ON	Direct	R	R	4
%SW3711			ON,,OFF,ON	Direct	R	R	4
%SW3712			ON,,OFF,ON	Direct	R	R	4
%SW3713			ON,,OFF,ON	Direct	R	R	4
%SW3714			ON,,OFF,ON	Direct	R	R	4
%SW3715			ON,,OFF,ON	Direct	R	R	4
%SW3716			ON,,OFF,ON	Direct	R	R	4
%SW3717			ON,,OFF,ON	Direct	R	R	4
%SW3718			ON,,OFF,ON	Direct	R	R	4
%SW3719			ON,,OFF,ON	Direct	R	R	4
%SW3720			ON,,OFF,ON	Direct	R	R	4
%SW3721			ON,,OFF,ON	Direct	R	R	4
%SW3722			ON,,OFF,ON	Direct	R	R	4
%SW3723			ON,,OFF,ON	Direct	R	R	4
%SW3724			ON,,OFF,ON	Direct	R	R	4
%SW3725			ON,,OFF,ON	Direct	R	R	4
%SW3726			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-14
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3727			ON,,OFF,ON	Direct	R	R	4
%SW3728			ON,,OFF,ON	Direct	R	R	4
%SW3729			ON,,OFF,ON	Direct	R	R	4
%SW3730			ON,,OFF,ON	Direct	R	R	4
%SW3731			ON,,OFF,ON	Direct	R	R	4
%SW3732			ON,,OFF,ON	Direct	R	R	4
%SW3733			ON,,OFF,ON	Direct	R	R	4
%SW3734			ON,,OFF,ON	Direct	R	R	4
%SW3735			ON,,OFF,ON	Direct	R	R	4
%SW3736			ON,,OFF,ON	Direct	R	R	4
%SW3737			ON,,OFF,ON	Direct	R	R	4
%SW3738			ON,,OFF,ON	Direct	R	R	4
%SW3739			ON,,OFF,ON	Direct	R	R	4
%SW3740			ON,,OFF,ON	Direct	R	R	4
%SW3741			ON,,OFF,ON	Direct	R	R	4
%SW3742			ON,,OFF,ON	Direct	R	R	4
%SW3743			ON,,OFF,ON	Direct	R	R	4
%SW3744			ON,,OFF,ON	Direct	R	R	4
%SW3745			ON,,OFF,ON	Direct	R	R	4
%SW3746			ON,,OFF,ON	Direct	R	R	4
%SW3747			ON,,OFF,ON	Direct	R	R	4
%SW3748			ON,,OFF,ON	Direct	R	R	4
%SW3749			ON,,OFF,ON	Direct	R	R	4
%SW3750			ON,,OFF,ON	Direct	R	R	4
%SW3751			ON,,OFF,ON	Direct	R	R	4
%SW3752			ON,,OFF,ON	Direct	R	R	4
%SW3753			ON,,OFF,ON	Direct	R	R	4
%SW3754			ON,,OFF,ON	Direct	R	R	4
%SW3755			ON,,OFF,ON	Direct	R	R	4
%SW3756			ON,,OFF,ON	Direct	R	R	4
%SW3757			ON,,OFF,ON	Direct	R	R	4
%SW3758			ON,,OFF,ON	Direct	R	R	4
%SW3759			ON,,OFF,ON	Direct	R	R	4
%SW3760			ON,,OFF,ON	Direct	R	R	4
%SW3761			ON,,OFF,ON	Direct	R	R	4
%SW3762			ON,,OFF,ON	Direct	R	R	4
%SW3763			ON,,OFF,ON	Direct	R	R	4
%SW3764			ON,,OFF,ON	Direct	R	R	4
%SW3765			ON,,OFF,ON	Direct	R	R	4
%SW3766			ON,,OFF,ON	Direct	R	R	4
%SW3767			ON,,OFF,ON	Direct	R	R	4
%SW3768			ON,,OFF,ON	Direct	R	R	4
%SW3769			ON,,OFF,ON	Direct	R	R	4
%SW3770			ON,,OFF,ON	Direct	R	R	4
%SW3771			ON,,OFF,ON	Direct	R	R	4
%SW3772			ON,,OFF,ON	Direct	R	R	4
%SW3773			ON,,OFF,ON	Direct	R	R	4
%SW3774			ON,,OFF,ON	Direct	R	R	4
%SW3775			ON,,OFF,ON	Direct	R	R	4
%SW3776			ON,,OFF,ON	Direct	R	R	4
%SW3777			ON,,OFF,ON	Direct	R	R	4
%SW3778			ON,,OFF,ON	Direct	R	R	4
%SW3779			ON,,OFF,ON	Direct	R	R	4
%SW3780			ON,,OFF,ON	Direct	R	R	4
%SW3781			ON,,OFF,ON	Direct	R	R	4
%SW3782			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-15
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3783			ON,,OFF,ON	Direct	R	R	4
%SW3784			ON,,OFF,ON	Direct	R	R	4
%SW3785			ON,,OFF,ON	Direct	R	R	4
%SW3786			ON,,OFF,ON	Direct	R	R	4
%SW3787			ON,,OFF,ON	Direct	R	R	4
%SW3788			ON,,OFF,ON	Direct	R	R	4
%SW3789			ON,,OFF,ON	Direct	R	R	4
%SW3790			ON,,OFF,ON	Direct	R	R	4
%SW3791			ON,,OFF,ON	Direct	R	R	4
%SW3792			ON,,OFF,ON	Direct	R	R	4
%SW3793			ON,,OFF,ON	Direct	R	R	4
%SW3794			ON,,OFF,ON	Direct	R	R	4
%SW3795			ON,,OFF,ON	Direct	R	R	4
%SW3796			ON,,OFF,ON	Direct	R	R	4
%SW3797			ON,,OFF,ON	Direct	R	R	4
%SW3798			ON,,OFF,ON	Direct	R	R	4
%SW3799			ON,,OFF,ON	Direct	R	R	4
%SW3800			ON,,OFF,ON	Direct	R	R	4
%SW3801			ON,,OFF,ON	Direct	R	R	4
%SW3802			ON,,OFF,ON	Direct	R	R	4
%SW3803			ON,,OFF,ON	Direct	R	R	4
%SW3804			ON,,OFF,ON	Direct	R	R	4
%SW3805			ON,,OFF,ON	Direct	R	R	4
%SW3806			ON,,OFF,ON	Direct	R	R	4
%SW3807			ON,,OFF,ON	Direct	R	R	4
%SW3808			ON,,OFF,ON	Direct	R	R	4
%SW3809			ON,,OFF,ON	Direct	R	R	4
%SW3810			ON,,OFF,ON	Direct	R	R	4
%SW3811			ON,,OFF,ON	Direct	R	R	4
%SW3812			ON,,OFF,ON	Direct	R	R	4
%SW3813			ON,,OFF,ON	Direct	R	R	4
%SW3814			ON,,OFF,ON	Direct	R	R	4
%SW3815			ON,,OFF,ON	Direct	R	R	4
%SW3816			ON,,OFF,ON	Direct	R	R	4
%SW3817			ON,,OFF,ON	Direct	R	R	4
%SW3818			ON,,OFF,ON	Direct	R	R	4
%SW3819			ON,,OFF,ON	Direct	R	R	4
%SW3820			ON,,OFF,ON	Direct	R	R	4
%SW3821			ON,,OFF,ON	Direct	R	R	4
%SW3822			ON,,OFF,ON	Direct	R	R	4
%SW3823			ON,,OFF,ON	Direct	R	R	4
%SW3824			ON,,OFF,ON	Direct	R	R	4
%SW3825			ON,,OFF,ON	Direct	R	R	4
%SW3826			ON,,OFF,ON	Direct	R	R	4
%SW3827			ON,,OFF,ON	Direct	R	R	4
%SW3828			ON,,OFF,ON	Direct	R	R	4
%SW3829			ON,,OFF,ON	Direct	R	R	4
%SW3830			ON,,OFF,ON	Direct	R	R	4
%SW3831			ON,,OFF,ON	Direct	R	R	4
%SW3832			ON,,OFF,ON	Direct	R	R	4
%SW3833			ON,,OFF,ON	Direct	R	R	4
%SW3834			ON,,OFF,ON	Direct	R	R	4
%SW3835			ON,,OFF,ON	Direct	R	R	4
%SW3836			ON,,OFF,ON	Direct	R	R	4
%SW3837			ON,,OFF,ON	Direct	R	R	4
%SW3838			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-16
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3839			ON,,OFF,ON	Direct	R	R	4
%SW3840			ON,,OFF,ON	Direct	R	R	4
%SW3841			ON,,OFF,ON	Direct	R	R	4
%SW3842			ON,,OFF,ON	Direct	R	R	4
%SW3843			ON,,OFF,ON	Direct	R	R	4
%SW3844			ON,,OFF,ON	Direct	R	R	4
%SW3845			ON,,OFF,ON	Direct	R	R	4
%SW3846			ON,,OFF,ON	Direct	R	R	4
%SW3847			ON,,OFF,ON	Direct	R	R	4
%SW3848			ON,,OFF,ON	Direct	R	R	4
%SW3849			ON,,OFF,ON	Direct	R	R	4
%SW3850			ON,,OFF,ON	Direct	R	R	4
%SW3851			ON,,OFF,ON	Direct	R	R	4
%SW3852			ON,,OFF,ON	Direct	R	R	4
%SW3853			ON,,OFF,ON	Direct	R	R	4
%SW3854			ON,,OFF,ON	Direct	R	R	4
%SW3855			ON,,OFF,ON	Direct	R	R	4
%SW3856			ON,,OFF,ON	Direct	R	R	4
%SW3857			ON,,OFF,ON	Direct	R	R	4
%SW3858			ON,,OFF,ON	Direct	R	R	4
%SW3859			ON,,OFF,ON	Direct	R	R	4
%SW3860			ON,,OFF,ON	Direct	R	R	4
%SW3861			ON,,OFF,ON	Direct	R	R	4
%SW3862			ON,,OFF,ON	Direct	R	R	4
%SW3863			ON,,OFF,ON	Direct	R	R	4
%SW3864			ON,,OFF,ON	Direct	R	R	4
%SW3865			ON,,OFF,ON	Direct	R	R	4
%SW3866			ON,,OFF,ON	Direct	R	R	4
%SW3867			ON,,OFF,ON	Direct	R	R	4
%SW3868			ON,,OFF,ON	Direct	R	R	4
%SW3869			ON,,OFF,ON	Direct	R	R	4
%SW3870			ON,,OFF,ON	Direct	R	R	4
%SW3871			ON,,OFF,ON	Direct	R	R	4
%SW3872			ON,,OFF,ON	Direct	R	R	4
%SW3873			ON,,OFF,ON	Direct	R	R	4
%SW3874			ON,,OFF,ON	Direct	R	R	4
%SW3875			ON,,OFF,ON	Direct	R	R	4
%SW3876			ON,,OFF,ON	Direct	R	R	4
%SW3877			ON,,OFF,ON	Direct	R	R	4
%SW3878			ON,,OFF,ON	Direct	R	R	4
%SW3879			ON,,OFF,ON	Direct	R	R	4
%SW3880			ON,,OFF,ON	Direct	R	R	4
%SW3881			ON,,OFF,ON	Direct	R	R	4
%SW3882			ON,,OFF,ON	Direct	R	R	4
%SW3883			ON,,OFF,ON	Direct	R	R	4
%SW3884			ON,,OFF,ON	Direct	R	R	4
%SW3885			ON,,OFF,ON	Direct	R	R	4
%SW3886			ON,,OFF,ON	Direct	R	R	4
%SW3887			ON,,OFF,ON	Direct	R	R	4
%SW3888			ON,,OFF,ON	Direct	R	R	4
%SW3889			ON,,OFF,ON	Direct	R	R	4
%SW3890			ON,,OFF,ON	Direct	R	R	4
%SW3891			ON,,OFF,ON	Direct	R	R	4
%SW3892			ON,,OFF,ON	Direct	R	R	4
%SW3893			ON,,OFF,ON	Direct	R	R	4
%SW3894			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-17
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3895			ON,,OFF,ON	Direct	R	R	4
%SW3896			ON,,OFF,ON	Direct	R	R	4
%SW3897			ON,,OFF,ON	Direct	R	R	4
%SW3898			ON,,OFF,ON	Direct	R	R	4
%SW3899			ON,,OFF,ON	Direct	R	R	4
%SW3900			ON,,OFF,ON	Direct	R	R	4
%SW3901			ON,,OFF,ON	Direct	R	R	4
%SW3902			ON,,OFF,ON	Direct	R	R	4
%SW3903			ON,,OFF,ON	Direct	R	R	4
%SW3904			ON,,OFF,ON	Direct	R	R	4
%SW3905			ON,,OFF,ON	Direct	R	R	4
%SW3906			ON,,OFF,ON	Direct	R	R	4
%SW3907			ON,,OFF,ON	Direct	R	R	4
%SW3908			ON,,OFF,ON	Direct	R	R	4
%SW3909			ON,,OFF,ON	Direct	R	R	4
%SW3910			ON,,OFF,ON	Direct	R	R	4
%SW3911			ON,,OFF,ON	Direct	R	R	4
%SW3912			ON,,OFF,ON	Direct	R	R	4
%SW3913			ON,,OFF,ON	Direct	R	R	4
%SW3914			ON,,OFF,ON	Direct	R	R	4
%SW3915			ON,,OFF,ON	Direct	R	R	4
%SW3916			ON,,OFF,ON	Direct	R	R	4
%SW3917			ON,,OFF,ON	Direct	R	R	4
%SW3918			ON,,OFF,ON	Direct	R	R	4
%SW3919			ON,,OFF,ON	Direct	R	R	4
%SW3920			ON,,OFF,ON	Direct	R	R	4
%SW3921			ON,,OFF,ON	Direct	R	R	4
%SW3922			ON,,OFF,ON	Direct	R	R	4
%SW3923			ON,,OFF,ON	Direct	R	R	4
%SW3924			ON,,OFF,ON	Direct	R	R	4
%SW3925			ON,,OFF,ON	Direct	R	R	4
%SW3926			ON,,OFF,ON	Direct	R	R	4
%SW3927			ON,,OFF,ON	Direct	R	R	4
%SW3928			ON,,OFF,ON	Direct	R	R	4
%SW3929			ON,,OFF,ON	Direct	R	R	4
%SW3930			ON,,OFF,ON	Direct	R	R	4
%SW3931			ON,,OFF,ON	Direct	R	R	4
%SW3932			ON,,OFF,ON	Direct	R	R	4
%SW3933			ON,,OFF,ON	Direct	R	R	4
%SW3934			ON,,OFF,ON	Direct	R	R	4
%SW3935			ON,,OFF,ON	Direct	R	R	4
%SW3936			ON,,OFF,ON	Direct	R	R	4
%SW3937			ON,,OFF,ON	Direct	R	R	4
%SW3938			ON,,OFF,ON	Direct	R	R	4
%SW3939			ON,,OFF,ON	Direct	R	R	4
%SW3940			ON,,OFF,ON	Direct	R	R	4
%SW3941			ON,,OFF,ON	Direct	R	R	4
%SW3942			ON,,OFF,ON	Direct	R	R	4
%SW3943			ON,,OFF,ON	Direct	R	R	4
%SW3944			ON,,OFF,ON	Direct	R	R	4
%SW3945			ON,,OFF,ON	Direct	R	R	4
%SW3946			ON,,OFF,ON	Direct	R	R	4
%SW3947			ON,,OFF,ON	Direct	R	R	4
%SW3948			ON,,OFF,ON	Direct	R	R	4
%SW3949			ON,,OFF,ON	Direct	R	R	4
%SW3950			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef4.edf	SHEET:		YOKOGAWA	PAGE:3-14-18
STATION:	FCS0101	SAVED DATE:	1/17/2025 1:31:10 AM	COMMENT:			
SECTION:	Common switch4	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW3951			ON,,OFF,ON	Direct	R	R	4
%SW3952			ON,,OFF,ON	Direct	R	R	4
%SW3953			ON,,OFF,ON	Direct	R	R	4
%SW3954			ON,,OFF,ON	Direct	R	R	4
%SW3955			ON,,OFF,ON	Direct	R	R	4
%SW3956			ON,,OFF,ON	Direct	R	R	4
%SW3957			ON,,OFF,ON	Direct	R	R	4
%SW3958			ON,,OFF,ON	Direct	R	R	4
%SW3959			ON,,OFF,ON	Direct	R	R	4
%SW3960			ON,,OFF,ON	Direct	R	R	4
%SW3961			ON,,OFF,ON	Direct	R	R	4
%SW3962			ON,,OFF,ON	Direct	R	R	4
%SW3963			ON,,OFF,ON	Direct	R	R	4
%SW3964			ON,,OFF,ON	Direct	R	R	4
%SW3965			ON,,OFF,ON	Direct	R	R	4
%SW3966			ON,,OFF,ON	Direct	R	R	4
%SW3967			ON,,OFF,ON	Direct	R	R	4
%SW3968			ON,,OFF,ON	Direct	R	R	4
%SW3969			ON,,OFF,ON	Direct	R	R	4
%SW3970			ON,,OFF,ON	Direct	R	R	4
%SW3971			ON,,OFF,ON	Direct	R	R	4
%SW3972			ON,,OFF,ON	Direct	R	R	4
%SW3973			ON,,OFF,ON	Direct	R	R	4
%SW3974			ON,,OFF,ON	Direct	R	R	4
%SW3975			ON,,OFF,ON	Direct	R	R	4
%SW3976			ON,,OFF,ON	Direct	R	R	4
%SW3977			ON,,OFF,ON	Direct	R	R	4
%SW3978			ON,,OFF,ON	Direct	R	R	4
%SW3979			ON,,OFF,ON	Direct	R	R	4
%SW3980			ON,,OFF,ON	Direct	R	R	4
%SW3981			ON,,OFF,ON	Direct	R	R	4
%SW3982			ON,,OFF,ON	Direct	R	R	4
%SW3983			ON,,OFF,ON	Direct	R	R	4
%SW3984			ON,,OFF,ON	Direct	R	R	4
%SW3985			ON,,OFF,ON	Direct	R	R	4
%SW3986			ON,,OFF,ON	Direct	R	R	4
%SW3987			ON,,OFF,ON	Direct	R	R	4
%SW3988			ON,,OFF,ON	Direct	R	R	4
%SW3989			ON,,OFF,ON	Direct	R	R	4
%SW3990			ON,,OFF,ON	Direct	R	R	4
%SW3991			ON,,OFF,ON	Direct	R	R	4
%SW3992			ON,,OFF,ON	Direct	R	R	4
%SW3993			ON,,OFF,ON	Direct	R	R	4
%SW3994			ON,,OFF,ON	Direct	R	R	4
%SW3995			ON,,OFF,ON	Direct	R	R	4
%SW3996			ON,,OFF,ON	Direct	R	R	4
%SW3997			ON,,OFF,ON	Direct	R	R	4
%SW3998			ON,,OFF,ON	Direct	R	R	4
%SW3999			ON,,OFF,ON	Direct	R	R	4
%SW4000			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-1
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Common Switch Builder

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4001			ON,,OFF,ON	Direct	R	R	4
%SW4002			ON,,OFF,ON	Direct	R	R	4
%SW4003			ON,,OFF,ON	Direct	R	R	4
%SW4004			ON,,OFF,ON	Direct	R	R	4
%SW4005			ON,,OFF,ON	Direct	R	R	4
%SW4006			ON,,OFF,ON	Direct	R	R	4
%SW4007			ON,,OFF,ON	Direct	R	R	4
%SW4008			ON,,OFF,ON	Direct	R	R	4
%SW4009			ON,,OFF,ON	Direct	R	R	4
%SW4010			ON,,OFF,ON	Direct	R	R	4
%SW4011			ON,,OFF,ON	Direct	R	R	4
%SW4012			ON,,OFF,ON	Direct	R	R	4
%SW4013			ON,,OFF,ON	Direct	R	R	4
%SW4014			ON,,OFF,ON	Direct	R	R	4
%SW4015			ON,,OFF,ON	Direct	R	R	4
%SW4016			ON,,OFF,ON	Direct	R	R	4
%SW4017			ON,,OFF,ON	Direct	R	R	4
%SW4018			ON,,OFF,ON	Direct	R	R	4
%SW4019			ON,,OFF,ON	Direct	R	R	4
%SW4020			ON,,OFF,ON	Direct	R	R	4
%SW4021			ON,,OFF,ON	Direct	R	R	4
%SW4022			ON,,OFF,ON	Direct	R	R	4
%SW4023			ON,,OFF,ON	Direct	R	R	4
%SW4024			ON,,OFF,ON	Direct	R	R	4
%SW4025			ON,,OFF,ON	Direct	R	R	4
%SW4026			ON,,OFF,ON	Direct	R	R	4
%SW4027			ON,,OFF,ON	Direct	R	R	4
%SW4028			ON,,OFF,ON	Direct	R	R	4
%SW4029			ON,,OFF,ON	Direct	R	R	4
%SW4030			ON,,OFF,ON	Direct	R	R	4
%SW4031			ON,,OFF,ON	Direct	R	R	4
%SW4032			ON,,OFF,ON	Direct	R	R	4
%SW4033			ON,,OFF,ON	Direct	R	R	4
%SW4034			ON,,OFF,ON	Direct	R	R	4
%SW4035			ON,,OFF,ON	Direct	R	R	4
%SW4036			ON,,OFF,ON	Direct	R	R	4
%SW4037			ON,,OFF,ON	Direct	R	R	4
%SW4038			ON,,OFF,ON	Direct	R	R	4
%SW4039			ON,,OFF,ON	Direct	R	R	4
%SW4040			ON,,OFF,ON	Direct	R	R	4
%SW4041			ON,,OFF,ON	Direct	R	R	4
%SW4042			ON,,OFF,ON	Direct	R	R	4
%SW4043			ON,,OFF,ON	Direct	R	R	4
%SW4044			ON,,OFF,ON	Direct	R	R	4
%SW4045			ON,,OFF,ON	Direct	R	R	4
%SW4046			ON,,OFF,ON	Direct	R	R	4
%SW4047			ON,,OFF,ON	Direct	R	R	4
%SW4048			ON,,OFF,ON	Direct	R	R	4
%SW4049			ON,,OFF,ON	Direct	R	R	4
%SW4050			ON,,OFF,ON	Direct	R	R	4
%SW4051			ON,,OFF,ON	Direct	R	R	4
%SW4052			ON,,OFF,ON	Direct	R	R	4
%SW4053			ON,,OFF,ON	Direct	R	R	4
%SW4054			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-2
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4055			ON,,OFF,ON	Direct	R	R	4
%SW4056			ON,,OFF,ON	Direct	R	R	4
%SW4057			ON,,OFF,ON	Direct	R	R	4
%SW4058			ON,,OFF,ON	Direct	R	R	4
%SW4059			ON,,OFF,ON	Direct	R	R	4
%SW4060			ON,,OFF,ON	Direct	R	R	4
%SW4061			ON,,OFF,ON	Direct	R	R	4
%SW4062			ON,,OFF,ON	Direct	R	R	4
%SW4063			ON,,OFF,ON	Direct	R	R	4
%SW4064			ON,,OFF,ON	Direct	R	R	4
%SW4065			ON,,OFF,ON	Direct	R	R	4
%SW4066			ON,,OFF,ON	Direct	R	R	4
%SW4067			ON,,OFF,ON	Direct	R	R	4
%SW4068			ON,,OFF,ON	Direct	R	R	4
%SW4069			ON,,OFF,ON	Direct	R	R	4
%SW4070			ON,,OFF,ON	Direct	R	R	4
%SW4071			ON,,OFF,ON	Direct	R	R	4
%SW4072			ON,,OFF,ON	Direct	R	R	4
%SW4073			ON,,OFF,ON	Direct	R	R	4
%SW4074			ON,,OFF,ON	Direct	R	R	4
%SW4075			ON,,OFF,ON	Direct	R	R	4
%SW4076			ON,,OFF,ON	Direct	R	R	4
%SW4077			ON,,OFF,ON	Direct	R	R	4
%SW4078			ON,,OFF,ON	Direct	R	R	4
%SW4079			ON,,OFF,ON	Direct	R	R	4
%SW4080			ON,,OFF,ON	Direct	R	R	4
%SW4081			ON,,OFF,ON	Direct	R	R	4
%SW4082			ON,,OFF,ON	Direct	R	R	4
%SW4083			ON,,OFF,ON	Direct	R	R	4
%SW4084			ON,,OFF,ON	Direct	R	R	4
%SW4085			ON,,OFF,ON	Direct	R	R	4
%SW4086			ON,,OFF,ON	Direct	R	R	4
%SW4087			ON,,OFF,ON	Direct	R	R	4
%SW4088			ON,,OFF,ON	Direct	R	R	4
%SW4089			ON,,OFF,ON	Direct	R	R	4
%SW4090			ON,,OFF,ON	Direct	R	R	4
%SW4091			ON,,OFF,ON	Direct	R	R	4
%SW4092			ON,,OFF,ON	Direct	R	R	4
%SW4093			ON,,OFF,ON	Direct	R	R	4
%SW4094			ON,,OFF,ON	Direct	R	R	4
%SW4095			ON,,OFF,ON	Direct	R	R	4
%SW4096			ON,,OFF,ON	Direct	R	R	4
%SW4097			ON,,OFF,ON	Direct	R	R	4
%SW4098			ON,,OFF,ON	Direct	R	R	4
%SW4099			ON,,OFF,ON	Direct	R	R	4
%SW4100			ON,,OFF,ON	Direct	R	R	4
%SW4101			ON,,OFF,ON	Direct	R	R	4
%SW4102			ON,,OFF,ON	Direct	R	R	4
%SW4103			ON,,OFF,ON	Direct	R	R	4
%SW4104			ON,,OFF,ON	Direct	R	R	4
%SW4105			ON,,OFF,ON	Direct	R	R	4
%SW4106			ON,,OFF,ON	Direct	R	R	4
%SW4107			ON,,OFF,ON	Direct	R	R	4
%SW4108			ON,,OFF,ON	Direct	R	R	4
%SW4109			ON,,OFF,ON	Direct	R	R	4
%SW4110			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-3
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4111			ON,,OFF,ON	Direct	R	R	4
%SW4112			ON,,OFF,ON	Direct	R	R	4
%SW4113			ON,,OFF,ON	Direct	R	R	4
%SW4114			ON,,OFF,ON	Direct	R	R	4
%SW4115			ON,,OFF,ON	Direct	R	R	4
%SW4116			ON,,OFF,ON	Direct	R	R	4
%SW4117			ON,,OFF,ON	Direct	R	R	4
%SW4118			ON,,OFF,ON	Direct	R	R	4
%SW4119			ON,,OFF,ON	Direct	R	R	4
%SW4120			ON,,OFF,ON	Direct	R	R	4
%SW4121			ON,,OFF,ON	Direct	R	R	4
%SW4122			ON,,OFF,ON	Direct	R	R	4
%SW4123			ON,,OFF,ON	Direct	R	R	4
%SW4124			ON,,OFF,ON	Direct	R	R	4
%SW4125			ON,,OFF,ON	Direct	R	R	4
%SW4126			ON,,OFF,ON	Direct	R	R	4
%SW4127			ON,,OFF,ON	Direct	R	R	4
%SW4128			ON,,OFF,ON	Direct	R	R	4
%SW4129			ON,,OFF,ON	Direct	R	R	4
%SW4130			ON,,OFF,ON	Direct	R	R	4
%SW4131			ON,,OFF,ON	Direct	R	R	4
%SW4132			ON,,OFF,ON	Direct	R	R	4
%SW4133			ON,,OFF,ON	Direct	R	R	4
%SW4134			ON,,OFF,ON	Direct	R	R	4
%SW4135			ON,,OFF,ON	Direct	R	R	4
%SW4136			ON,,OFF,ON	Direct	R	R	4
%SW4137			ON,,OFF,ON	Direct	R	R	4
%SW4138			ON,,OFF,ON	Direct	R	R	4
%SW4139			ON,,OFF,ON	Direct	R	R	4
%SW4140			ON,,OFF,ON	Direct	R	R	4
%SW4141			ON,,OFF,ON	Direct	R	R	4
%SW4142			ON,,OFF,ON	Direct	R	R	4
%SW4143			ON,,OFF,ON	Direct	R	R	4
%SW4144			ON,,OFF,ON	Direct	R	R	4
%SW4145			ON,,OFF,ON	Direct	R	R	4
%SW4146			ON,,OFF,ON	Direct	R	R	4
%SW4147			ON,,OFF,ON	Direct	R	R	4
%SW4148			ON,,OFF,ON	Direct	R	R	4
%SW4149			ON,,OFF,ON	Direct	R	R	4
%SW4150			ON,,OFF,ON	Direct	R	R	4
%SW4151			ON,,OFF,ON	Direct	R	R	4
%SW4152			ON,,OFF,ON	Direct	R	R	4
%SW4153			ON,,OFF,ON	Direct	R	R	4
%SW4154			ON,,OFF,ON	Direct	R	R	4
%SW4155			ON,,OFF,ON	Direct	R	R	4
%SW4156			ON,,OFF,ON	Direct	R	R	4
%SW4157			ON,,OFF,ON	Direct	R	R	4
%SW4158			ON,,OFF,ON	Direct	R	R	4
%SW4159			ON,,OFF,ON	Direct	R	R	4
%SW4160			ON,,OFF,ON	Direct	R	R	4
%SW4161			ON,,OFF,ON	Direct	R	R	4
%SW4162			ON,,OFF,ON	Direct	R	R	4
%SW4163			ON,,OFF,ON	Direct	R	R	4
%SW4164			ON,,OFF,ON	Direct	R	R	4
%SW4165			ON,,OFF,ON	Direct	R	R	4
%SW4166			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-4
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4167			ON,,OFF,ON	Direct	R	R	4
%SW4168			ON,,OFF,ON	Direct	R	R	4
%SW4169			ON,,OFF,ON	Direct	R	R	4
%SW4170			ON,,OFF,ON	Direct	R	R	4
%SW4171			ON,,OFF,ON	Direct	R	R	4
%SW4172			ON,,OFF,ON	Direct	R	R	4
%SW4173			ON,,OFF,ON	Direct	R	R	4
%SW4174			ON,,OFF,ON	Direct	R	R	4
%SW4175			ON,,OFF,ON	Direct	R	R	4
%SW4176			ON,,OFF,ON	Direct	R	R	4
%SW4177			ON,,OFF,ON	Direct	R	R	4
%SW4178			ON,,OFF,ON	Direct	R	R	4
%SW4179			ON,,OFF,ON	Direct	R	R	4
%SW4180			ON,,OFF,ON	Direct	R	R	4
%SW4181			ON,,OFF,ON	Direct	R	R	4
%SW4182			ON,,OFF,ON	Direct	R	R	4
%SW4183			ON,,OFF,ON	Direct	R	R	4
%SW4184			ON,,OFF,ON	Direct	R	R	4
%SW4185			ON,,OFF,ON	Direct	R	R	4
%SW4186			ON,,OFF,ON	Direct	R	R	4
%SW4187			ON,,OFF,ON	Direct	R	R	4
%SW4188			ON,,OFF,ON	Direct	R	R	4
%SW4189			ON,,OFF,ON	Direct	R	R	4
%SW4190			ON,,OFF,ON	Direct	R	R	4
%SW4191			ON,,OFF,ON	Direct	R	R	4
%SW4192			ON,,OFF,ON	Direct	R	R	4
%SW4193			ON,,OFF,ON	Direct	R	R	4
%SW4194			ON,,OFF,ON	Direct	R	R	4
%SW4195			ON,,OFF,ON	Direct	R	R	4
%SW4196			ON,,OFF,ON	Direct	R	R	4
%SW4197			ON,,OFF,ON	Direct	R	R	4
%SW4198			ON,,OFF,ON	Direct	R	R	4
%SW4199			ON,,OFF,ON	Direct	R	R	4
%SW4200			ON,,OFF,ON	Direct	R	R	4
%SW4201			ON,,OFF,ON	Direct	R	R	4
%SW4202			ON,,OFF,ON	Direct	R	R	4
%SW4203			ON,,OFF,ON	Direct	R	R	4
%SW4204			ON,,OFF,ON	Direct	R	R	4
%SW4205			ON,,OFF,ON	Direct	R	R	4
%SW4206			ON,,OFF,ON	Direct	R	R	4
%SW4207			ON,,OFF,ON	Direct	R	R	4
%SW4208			ON,,OFF,ON	Direct	R	R	4
%SW4209			ON,,OFF,ON	Direct	R	R	4
%SW4210			ON,,OFF,ON	Direct	R	R	4
%SW4211			ON,,OFF,ON	Direct	R	R	4
%SW4212			ON,,OFF,ON	Direct	R	R	4
%SW4213			ON,,OFF,ON	Direct	R	R	4
%SW4214			ON,,OFF,ON	Direct	R	R	4
%SW4215			ON,,OFF,ON	Direct	R	R	4
%SW4216			ON,,OFF,ON	Direct	R	R	4
%SW4217			ON,,OFF,ON	Direct	R	R	4
%SW4218			ON,,OFF,ON	Direct	R	R	4
%SW4219			ON,,OFF,ON	Direct	R	R	4
%SW4220			ON,,OFF,ON	Direct	R	R	4
%SW4221			ON,,OFF,ON	Direct	R	R	4
%SW4222			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-5
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4223			ON,,OFF,ON	Direct	R	R	4
%SW4224			ON,,OFF,ON	Direct	R	R	4
%SW4225			ON,,OFF,ON	Direct	R	R	4
%SW4226			ON,,OFF,ON	Direct	R	R	4
%SW4227			ON,,OFF,ON	Direct	R	R	4
%SW4228			ON,,OFF,ON	Direct	R	R	4
%SW4229			ON,,OFF,ON	Direct	R	R	4
%SW4230			ON,,OFF,ON	Direct	R	R	4
%SW4231			ON,,OFF,ON	Direct	R	R	4
%SW4232			ON,,OFF,ON	Direct	R	R	4
%SW4233			ON,,OFF,ON	Direct	R	R	4
%SW4234			ON,,OFF,ON	Direct	R	R	4
%SW4235			ON,,OFF,ON	Direct	R	R	4
%SW4236			ON,,OFF,ON	Direct	R	R	4
%SW4237			ON,,OFF,ON	Direct	R	R	4
%SW4238			ON,,OFF,ON	Direct	R	R	4
%SW4239			ON,,OFF,ON	Direct	R	R	4
%SW4240			ON,,OFF,ON	Direct	R	R	4
%SW4241			ON,,OFF,ON	Direct	R	R	4
%SW4242			ON,,OFF,ON	Direct	R	R	4
%SW4243			ON,,OFF,ON	Direct	R	R	4
%SW4244			ON,,OFF,ON	Direct	R	R	4
%SW4245			ON,,OFF,ON	Direct	R	R	4
%SW4246			ON,,OFF,ON	Direct	R	R	4
%SW4247			ON,,OFF,ON	Direct	R	R	4
%SW4248			ON,,OFF,ON	Direct	R	R	4
%SW4249			ON,,OFF,ON	Direct	R	R	4
%SW4250			ON,,OFF,ON	Direct	R	R	4
%SW4251			ON,,OFF,ON	Direct	R	R	4
%SW4252			ON,,OFF,ON	Direct	R	R	4
%SW4253			ON,,OFF,ON	Direct	R	R	4
%SW4254			ON,,OFF,ON	Direct	R	R	4
%SW4255			ON,,OFF,ON	Direct	R	R	4
%SW4256			ON,,OFF,ON	Direct	R	R	4
%SW4257			ON,,OFF,ON	Direct	R	R	4
%SW4258			ON,,OFF,ON	Direct	R	R	4
%SW4259			ON,,OFF,ON	Direct	R	R	4
%SW4260			ON,,OFF,ON	Direct	R	R	4
%SW4261			ON,,OFF,ON	Direct	R	R	4
%SW4262			ON,,OFF,ON	Direct	R	R	4
%SW4263			ON,,OFF,ON	Direct	R	R	4
%SW4264			ON,,OFF,ON	Direct	R	R	4
%SW4265			ON,,OFF,ON	Direct	R	R	4
%SW4266			ON,,OFF,ON	Direct	R	R	4
%SW4267			ON,,OFF,ON	Direct	R	R	4
%SW4268			ON,,OFF,ON	Direct	R	R	4
%SW4269			ON,,OFF,ON	Direct	R	R	4
%SW4270			ON,,OFF,ON	Direct	R	R	4
%SW4271			ON,,OFF,ON	Direct	R	R	4
%SW4272			ON,,OFF,ON	Direct	R	R	4
%SW4273			ON,,OFF,ON	Direct	R	R	4
%SW4274			ON,,OFF,ON	Direct	R	R	4
%SW4275			ON,,OFF,ON	Direct	R	R	4
%SW4276			ON,,OFF,ON	Direct	R	R	4
%SW4277			ON,,OFF,ON	Direct	R	R	4
%SW4278			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-6
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4279			ON,,OFF,ON	Direct	R	R	4
%SW4280			ON,,OFF,ON	Direct	R	R	4
%SW4281			ON,,OFF,ON	Direct	R	R	4
%SW4282			ON,,OFF,ON	Direct	R	R	4
%SW4283			ON,,OFF,ON	Direct	R	R	4
%SW4284			ON,,OFF,ON	Direct	R	R	4
%SW4285			ON,,OFF,ON	Direct	R	R	4
%SW4286			ON,,OFF,ON	Direct	R	R	4
%SW4287			ON,,OFF,ON	Direct	R	R	4
%SW4288			ON,,OFF,ON	Direct	R	R	4
%SW4289			ON,,OFF,ON	Direct	R	R	4
%SW4290			ON,,OFF,ON	Direct	R	R	4
%SW4291			ON,,OFF,ON	Direct	R	R	4
%SW4292			ON,,OFF,ON	Direct	R	R	4
%SW4293			ON,,OFF,ON	Direct	R	R	4
%SW4294			ON,,OFF,ON	Direct	R	R	4
%SW4295			ON,,OFF,ON	Direct	R	R	4
%SW4296			ON,,OFF,ON	Direct	R	R	4
%SW4297			ON,,OFF,ON	Direct	R	R	4
%SW4298			ON,,OFF,ON	Direct	R	R	4
%SW4299			ON,,OFF,ON	Direct	R	R	4
%SW4300			ON,,OFF,ON	Direct	R	R	4
%SW4301			ON,,OFF,ON	Direct	R	R	4
%SW4302			ON,,OFF,ON	Direct	R	R	4
%SW4303			ON,,OFF,ON	Direct	R	R	4
%SW4304			ON,,OFF,ON	Direct	R	R	4
%SW4305			ON,,OFF,ON	Direct	R	R	4
%SW4306			ON,,OFF,ON	Direct	R	R	4
%SW4307			ON,,OFF,ON	Direct	R	R	4
%SW4308			ON,,OFF,ON	Direct	R	R	4
%SW4309			ON,,OFF,ON	Direct	R	R	4
%SW4310			ON,,OFF,ON	Direct	R	R	4
%SW4311			ON,,OFF,ON	Direct	R	R	4
%SW4312			ON,,OFF,ON	Direct	R	R	4
%SW4313			ON,,OFF,ON	Direct	R	R	4
%SW4314			ON,,OFF,ON	Direct	R	R	4
%SW4315			ON,,OFF,ON	Direct	R	R	4
%SW4316			ON,,OFF,ON	Direct	R	R	4
%SW4317			ON,,OFF,ON	Direct	R	R	4
%SW4318			ON,,OFF,ON	Direct	R	R	4
%SW4319			ON,,OFF,ON	Direct	R	R	4
%SW4320			ON,,OFF,ON	Direct	R	R	4
%SW4321			ON,,OFF,ON	Direct	R	R	4
%SW4322			ON,,OFF,ON	Direct	R	R	4
%SW4323			ON,,OFF,ON	Direct	R	R	4
%SW4324			ON,,OFF,ON	Direct	R	R	4
%SW4325			ON,,OFF,ON	Direct	R	R	4
%SW4326			ON,,OFF,ON	Direct	R	R	4
%SW4327			ON,,OFF,ON	Direct	R	R	4
%SW4328			ON,,OFF,ON	Direct	R	R	4
%SW4329			ON,,OFF,ON	Direct	R	R	4
%SW4330			ON,,OFF,ON	Direct	R	R	4
%SW4331			ON,,OFF,ON	Direct	R	R	4
%SW4332			ON,,OFF,ON	Direct	R	R	4
%SW4333			ON,,OFF,ON	Direct	R	R	4
%SW4334			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-7
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4335			ON,,OFF,ON	Direct	R	R	4
%SW4336			ON,,OFF,ON	Direct	R	R	4
%SW4337			ON,,OFF,ON	Direct	R	R	4
%SW4338			ON,,OFF,ON	Direct	R	R	4
%SW4339			ON,,OFF,ON	Direct	R	R	4
%SW4340			ON,,OFF,ON	Direct	R	R	4
%SW4341			ON,,OFF,ON	Direct	R	R	4
%SW4342			ON,,OFF,ON	Direct	R	R	4
%SW4343			ON,,OFF,ON	Direct	R	R	4
%SW4344			ON,,OFF,ON	Direct	R	R	4
%SW4345			ON,,OFF,ON	Direct	R	R	4
%SW4346			ON,,OFF,ON	Direct	R	R	4
%SW4347			ON,,OFF,ON	Direct	R	R	4
%SW4348			ON,,OFF,ON	Direct	R	R	4
%SW4349			ON,,OFF,ON	Direct	R	R	4
%SW4350			ON,,OFF,ON	Direct	R	R	4
%SW4351			ON,,OFF,ON	Direct	R	R	4
%SW4352			ON,,OFF,ON	Direct	R	R	4
%SW4353			ON,,OFF,ON	Direct	R	R	4
%SW4354			ON,,OFF,ON	Direct	R	R	4
%SW4355			ON,,OFF,ON	Direct	R	R	4
%SW4356			ON,,OFF,ON	Direct	R	R	4
%SW4357			ON,,OFF,ON	Direct	R	R	4
%SW4358			ON,,OFF,ON	Direct	R	R	4
%SW4359			ON,,OFF,ON	Direct	R	R	4
%SW4360			ON,,OFF,ON	Direct	R	R	4
%SW4361			ON,,OFF,ON	Direct	R	R	4
%SW4362			ON,,OFF,ON	Direct	R	R	4
%SW4363			ON,,OFF,ON	Direct	R	R	4
%SW4364			ON,,OFF,ON	Direct	R	R	4
%SW4365			ON,,OFF,ON	Direct	R	R	4
%SW4366			ON,,OFF,ON	Direct	R	R	4
%SW4367			ON,,OFF,ON	Direct	R	R	4
%SW4368			ON,,OFF,ON	Direct	R	R	4
%SW4369			ON,,OFF,ON	Direct	R	R	4
%SW4370			ON,,OFF,ON	Direct	R	R	4
%SW4371			ON,,OFF,ON	Direct	R	R	4
%SW4372			ON,,OFF,ON	Direct	R	R	4
%SW4373			ON,,OFF,ON	Direct	R	R	4
%SW4374			ON,,OFF,ON	Direct	R	R	4
%SW4375			ON,,OFF,ON	Direct	R	R	4
%SW4376			ON,,OFF,ON	Direct	R	R	4
%SW4377			ON,,OFF,ON	Direct	R	R	4
%SW4378			ON,,OFF,ON	Direct	R	R	4
%SW4379			ON,,OFF,ON	Direct	R	R	4
%SW4380			ON,,OFF,ON	Direct	R	R	4
%SW4381			ON,,OFF,ON	Direct	R	R	4
%SW4382			ON,,OFF,ON	Direct	R	R	4
%SW4383			ON,,OFF,ON	Direct	R	R	4
%SW4384			ON,,OFF,ON	Direct	R	R	4
%SW4385			ON,,OFF,ON	Direct	R	R	4
%SW4386			ON,,OFF,ON	Direct	R	R	4
%SW4387			ON,,OFF,ON	Direct	R	R	4
%SW4388			ON,,OFF,ON	Direct	R	R	4
%SW4389			ON,,OFF,ON	Direct	R	R	4
%SW4390			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-8
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4391			ON,,OFF,ON	Direct	R	R	4
%SW4392			ON,,OFF,ON	Direct	R	R	4
%SW4393			ON,,OFF,ON	Direct	R	R	4
%SW4394			ON,,OFF,ON	Direct	R	R	4
%SW4395			ON,,OFF,ON	Direct	R	R	4
%SW4396			ON,,OFF,ON	Direct	R	R	4
%SW4397			ON,,OFF,ON	Direct	R	R	4
%SW4398			ON,,OFF,ON	Direct	R	R	4
%SW4399			ON,,OFF,ON	Direct	R	R	4
%SW4400			ON,,OFF,ON	Direct	R	R	4
%SW4401			ON,,OFF,ON	Direct	R	R	4
%SW4402			ON,,OFF,ON	Direct	R	R	4
%SW4403			ON,,OFF,ON	Direct	R	R	4
%SW4404			ON,,OFF,ON	Direct	R	R	4
%SW4405			ON,,OFF,ON	Direct	R	R	4
%SW4406			ON,,OFF,ON	Direct	R	R	4
%SW4407			ON,,OFF,ON	Direct	R	R	4
%SW4408			ON,,OFF,ON	Direct	R	R	4
%SW4409			ON,,OFF,ON	Direct	R	R	4
%SW4410			ON,,OFF,ON	Direct	R	R	4
%SW4411			ON,,OFF,ON	Direct	R	R	4
%SW4412			ON,,OFF,ON	Direct	R	R	4
%SW4413			ON,,OFF,ON	Direct	R	R	4
%SW4414			ON,,OFF,ON	Direct	R	R	4
%SW4415			ON,,OFF,ON	Direct	R	R	4
%SW4416			ON,,OFF,ON	Direct	R	R	4
%SW4417			ON,,OFF,ON	Direct	R	R	4
%SW4418			ON,,OFF,ON	Direct	R	R	4
%SW4419			ON,,OFF,ON	Direct	R	R	4
%SW4420			ON,,OFF,ON	Direct	R	R	4
%SW4421			ON,,OFF,ON	Direct	R	R	4
%SW4422			ON,,OFF,ON	Direct	R	R	4
%SW4423			ON,,OFF,ON	Direct	R	R	4
%SW4424			ON,,OFF,ON	Direct	R	R	4
%SW4425			ON,,OFF,ON	Direct	R	R	4
%SW4426			ON,,OFF,ON	Direct	R	R	4
%SW4427			ON,,OFF,ON	Direct	R	R	4
%SW4428			ON,,OFF,ON	Direct	R	R	4
%SW4429			ON,,OFF,ON	Direct	R	R	4
%SW4430			ON,,OFF,ON	Direct	R	R	4
%SW4431			ON,,OFF,ON	Direct	R	R	4
%SW4432			ON,,OFF,ON	Direct	R	R	4
%SW4433			ON,,OFF,ON	Direct	R	R	4
%SW4434			ON,,OFF,ON	Direct	R	R	4
%SW4435			ON,,OFF,ON	Direct	R	R	4
%SW4436			ON,,OFF,ON	Direct	R	R	4
%SW4437			ON,,OFF,ON	Direct	R	R	4
%SW4438			ON,,OFF,ON	Direct	R	R	4
%SW4439			ON,,OFF,ON	Direct	R	R	4
%SW4440			ON,,OFF,ON	Direct	R	R	4
%SW4441			ON,,OFF,ON	Direct	R	R	4
%SW4442			ON,,OFF,ON	Direct	R	R	4
%SW4443			ON,,OFF,ON	Direct	R	R	4
%SW4444			ON,,OFF,ON	Direct	R	R	4
%SW4445			ON,,OFF,ON	Direct	R	R	4
%SW4446			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-9
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4447			ON,,OFF,ON	Direct	R	R	4
%SW4448			ON,,OFF,ON	Direct	R	R	4
%SW4449			ON,,OFF,ON	Direct	R	R	4
%SW4450			ON,,OFF,ON	Direct	R	R	4
%SW4451			ON,,OFF,ON	Direct	R	R	4
%SW4452			ON,,OFF,ON	Direct	R	R	4
%SW4453			ON,,OFF,ON	Direct	R	R	4
%SW4454			ON,,OFF,ON	Direct	R	R	4
%SW4455			ON,,OFF,ON	Direct	R	R	4
%SW4456			ON,,OFF,ON	Direct	R	R	4
%SW4457			ON,,OFF,ON	Direct	R	R	4
%SW4458			ON,,OFF,ON	Direct	R	R	4
%SW4459			ON,,OFF,ON	Direct	R	R	4
%SW4460			ON,,OFF,ON	Direct	R	R	4
%SW4461			ON,,OFF,ON	Direct	R	R	4
%SW4462			ON,,OFF,ON	Direct	R	R	4
%SW4463			ON,,OFF,ON	Direct	R	R	4
%SW4464			ON,,OFF,ON	Direct	R	R	4
%SW4465			ON,,OFF,ON	Direct	R	R	4
%SW4466			ON,,OFF,ON	Direct	R	R	4
%SW4467			ON,,OFF,ON	Direct	R	R	4
%SW4468			ON,,OFF,ON	Direct	R	R	4
%SW4469			ON,,OFF,ON	Direct	R	R	4
%SW4470			ON,,OFF,ON	Direct	R	R	4
%SW4471			ON,,OFF,ON	Direct	R	R	4
%SW4472			ON,,OFF,ON	Direct	R	R	4
%SW4473			ON,,OFF,ON	Direct	R	R	4
%SW4474			ON,,OFF,ON	Direct	R	R	4
%SW4475			ON,,OFF,ON	Direct	R	R	4
%SW4476			ON,,OFF,ON	Direct	R	R	4
%SW4477			ON,,OFF,ON	Direct	R	R	4
%SW4478			ON,,OFF,ON	Direct	R	R	4
%SW4479			ON,,OFF,ON	Direct	R	R	4
%SW4480			ON,,OFF,ON	Direct	R	R	4
%SW4481			ON,,OFF,ON	Direct	R	R	4
%SW4482			ON,,OFF,ON	Direct	R	R	4
%SW4483			ON,,OFF,ON	Direct	R	R	4
%SW4484			ON,,OFF,ON	Direct	R	R	4
%SW4485			ON,,OFF,ON	Direct	R	R	4
%SW4486			ON,,OFF,ON	Direct	R	R	4
%SW4487			ON,,OFF,ON	Direct	R	R	4
%SW4488			ON,,OFF,ON	Direct	R	R	4
%SW4489			ON,,OFF,ON	Direct	R	R	4
%SW4490			ON,,OFF,ON	Direct	R	R	4
%SW4491			ON,,OFF,ON	Direct	R	R	4
%SW4492			ON,,OFF,ON	Direct	R	R	4
%SW4493			ON,,OFF,ON	Direct	R	R	4
%SW4494			ON,,OFF,ON	Direct	R	R	4
%SW4495			ON,,OFF,ON	Direct	R	R	4
%SW4496			ON,,OFF,ON	Direct	R	R	4
%SW4497			ON,,OFF,ON	Direct	R	R	4
%SW4498			ON,,OFF,ON	Direct	R	R	4
%SW4499			ON,,OFF,ON	Direct	R	R	4
%SW4500			ON,,OFF,ON	Direct	R	R	4
%SW4501			ON,,OFF,ON	Direct	R	R	4
%SW4502			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-10
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4503			ON,,OFF,ON	Direct	R	R	4
%SW4504			ON,,OFF,ON	Direct	R	R	4
%SW4505			ON,,OFF,ON	Direct	R	R	4
%SW4506			ON,,OFF,ON	Direct	R	R	4
%SW4507			ON,,OFF,ON	Direct	R	R	4
%SW4508			ON,,OFF,ON	Direct	R	R	4
%SW4509			ON,,OFF,ON	Direct	R	R	4
%SW4510			ON,,OFF,ON	Direct	R	R	4
%SW4511			ON,,OFF,ON	Direct	R	R	4
%SW4512			ON,,OFF,ON	Direct	R	R	4
%SW4513			ON,,OFF,ON	Direct	R	R	4
%SW4514			ON,,OFF,ON	Direct	R	R	4
%SW4515			ON,,OFF,ON	Direct	R	R	4
%SW4516			ON,,OFF,ON	Direct	R	R	4
%SW4517			ON,,OFF,ON	Direct	R	R	4
%SW4518			ON,,OFF,ON	Direct	R	R	4
%SW4519			ON,,OFF,ON	Direct	R	R	4
%SW4520			ON,,OFF,ON	Direct	R	R	4
%SW4521			ON,,OFF,ON	Direct	R	R	4
%SW4522			ON,,OFF,ON	Direct	R	R	4
%SW4523			ON,,OFF,ON	Direct	R	R	4
%SW4524			ON,,OFF,ON	Direct	R	R	4
%SW4525			ON,,OFF,ON	Direct	R	R	4
%SW4526			ON,,OFF,ON	Direct	R	R	4
%SW4527			ON,,OFF,ON	Direct	R	R	4
%SW4528			ON,,OFF,ON	Direct	R	R	4
%SW4529			ON,,OFF,ON	Direct	R	R	4
%SW4530			ON,,OFF,ON	Direct	R	R	4
%SW4531			ON,,OFF,ON	Direct	R	R	4
%SW4532			ON,,OFF,ON	Direct	R	R	4
%SW4533			ON,,OFF,ON	Direct	R	R	4
%SW4534			ON,,OFF,ON	Direct	R	R	4
%SW4535			ON,,OFF,ON	Direct	R	R	4
%SW4536			ON,,OFF,ON	Direct	R	R	4
%SW4537			ON,,OFF,ON	Direct	R	R	4
%SW4538			ON,,OFF,ON	Direct	R	R	4
%SW4539			ON,,OFF,ON	Direct	R	R	4
%SW4540			ON,,OFF,ON	Direct	R	R	4
%SW4541			ON,,OFF,ON	Direct	R	R	4
%SW4542			ON,,OFF,ON	Direct	R	R	4
%SW4543			ON,,OFF,ON	Direct	R	R	4
%SW4544			ON,,OFF,ON	Direct	R	R	4
%SW4545			ON,,OFF,ON	Direct	R	R	4
%SW4546			ON,,OFF,ON	Direct	R	R	4
%SW4547			ON,,OFF,ON	Direct	R	R	4
%SW4548			ON,,OFF,ON	Direct	R	R	4
%SW4549			ON,,OFF,ON	Direct	R	R	4
%SW4550			ON,,OFF,ON	Direct	R	R	4
%SW4551			ON,,OFF,ON	Direct	R	R	4
%SW4552			ON,,OFF,ON	Direct	R	R	4
%SW4553			ON,,OFF,ON	Direct	R	R	4
%SW4554			ON,,OFF,ON	Direct	R	R	4
%SW4555			ON,,OFF,ON	Direct	R	R	4
%SW4556			ON,,OFF,ON	Direct	R	R	4
%SW4557			ON,,OFF,ON	Direct	R	R	4
%SW4558			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-11
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4559			ON,,OFF,ON	Direct	R	R	4
%SW4560			ON,,OFF,ON	Direct	R	R	4
%SW4561			ON,,OFF,ON	Direct	R	R	4
%SW4562			ON,,OFF,ON	Direct	R	R	4
%SW4563			ON,,OFF,ON	Direct	R	R	4
%SW4564			ON,,OFF,ON	Direct	R	R	4
%SW4565			ON,,OFF,ON	Direct	R	R	4
%SW4566			ON,,OFF,ON	Direct	R	R	4
%SW4567			ON,,OFF,ON	Direct	R	R	4
%SW4568			ON,,OFF,ON	Direct	R	R	4
%SW4569			ON,,OFF,ON	Direct	R	R	4
%SW4570			ON,,OFF,ON	Direct	R	R	4
%SW4571			ON,,OFF,ON	Direct	R	R	4
%SW4572			ON,,OFF,ON	Direct	R	R	4
%SW4573			ON,,OFF,ON	Direct	R	R	4
%SW4574			ON,,OFF,ON	Direct	R	R	4
%SW4575			ON,,OFF,ON	Direct	R	R	4
%SW4576			ON,,OFF,ON	Direct	R	R	4
%SW4577			ON,,OFF,ON	Direct	R	R	4
%SW4578			ON,,OFF,ON	Direct	R	R	4
%SW4579			ON,,OFF,ON	Direct	R	R	4
%SW4580			ON,,OFF,ON	Direct	R	R	4
%SW4581			ON,,OFF,ON	Direct	R	R	4
%SW4582			ON,,OFF,ON	Direct	R	R	4
%SW4583			ON,,OFF,ON	Direct	R	R	4
%SW4584			ON,,OFF,ON	Direct	R	R	4
%SW4585			ON,,OFF,ON	Direct	R	R	4
%SW4586			ON,,OFF,ON	Direct	R	R	4
%SW4587			ON,,OFF,ON	Direct	R	R	4
%SW4588			ON,,OFF,ON	Direct	R	R	4
%SW4589			ON,,OFF,ON	Direct	R	R	4
%SW4590			ON,,OFF,ON	Direct	R	R	4
%SW4591			ON,,OFF,ON	Direct	R	R	4
%SW4592			ON,,OFF,ON	Direct	R	R	4
%SW4593			ON,,OFF,ON	Direct	R	R	4
%SW4594			ON,,OFF,ON	Direct	R	R	4
%SW4595			ON,,OFF,ON	Direct	R	R	4
%SW4596			ON,,OFF,ON	Direct	R	R	4
%SW4597			ON,,OFF,ON	Direct	R	R	4
%SW4598			ON,,OFF,ON	Direct	R	R	4
%SW4599			ON,,OFF,ON	Direct	R	R	4
%SW4600			ON,,OFF,ON	Direct	R	R	4
%SW4601			ON,,OFF,ON	Direct	R	R	4
%SW4602			ON,,OFF,ON	Direct	R	R	4
%SW4603			ON,,OFF,ON	Direct	R	R	4
%SW4604			ON,,OFF,ON	Direct	R	R	4
%SW4605			ON,,OFF,ON	Direct	R	R	4
%SW4606			ON,,OFF,ON	Direct	R	R	4
%SW4607			ON,,OFF,ON	Direct	R	R	4
%SW4608			ON,,OFF,ON	Direct	R	R	4
%SW4609			ON,,OFF,ON	Direct	R	R	4
%SW4610			ON,,OFF,ON	Direct	R	R	4
%SW4611			ON,,OFF,ON	Direct	R	R	4
%SW4612			ON,,OFF,ON	Direct	R	R	4
%SW4613			ON,,OFF,ON	Direct	R	R	4
%SW4614			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-12
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4615			ON,,OFF,ON	Direct	R	R	4
%SW4616			ON,,OFF,ON	Direct	R	R	4
%SW4617			ON,,OFF,ON	Direct	R	R	4
%SW4618			ON,,OFF,ON	Direct	R	R	4
%SW4619			ON,,OFF,ON	Direct	R	R	4
%SW4620			ON,,OFF,ON	Direct	R	R	4
%SW4621			ON,,OFF,ON	Direct	R	R	4
%SW4622			ON,,OFF,ON	Direct	R	R	4
%SW4623			ON,,OFF,ON	Direct	R	R	4
%SW4624			ON,,OFF,ON	Direct	R	R	4
%SW4625			ON,,OFF,ON	Direct	R	R	4
%SW4626			ON,,OFF,ON	Direct	R	R	4
%SW4627			ON,,OFF,ON	Direct	R	R	4
%SW4628			ON,,OFF,ON	Direct	R	R	4
%SW4629			ON,,OFF,ON	Direct	R	R	4
%SW4630			ON,,OFF,ON	Direct	R	R	4
%SW4631			ON,,OFF,ON	Direct	R	R	4
%SW4632			ON,,OFF,ON	Direct	R	R	4
%SW4633			ON,,OFF,ON	Direct	R	R	4
%SW4634			ON,,OFF,ON	Direct	R	R	4
%SW4635			ON,,OFF,ON	Direct	R	R	4
%SW4636			ON,,OFF,ON	Direct	R	R	4
%SW4637			ON,,OFF,ON	Direct	R	R	4
%SW4638			ON,,OFF,ON	Direct	R	R	4
%SW4639			ON,,OFF,ON	Direct	R	R	4
%SW4640			ON,,OFF,ON	Direct	R	R	4
%SW4641			ON,,OFF,ON	Direct	R	R	4
%SW4642			ON,,OFF,ON	Direct	R	R	4
%SW4643			ON,,OFF,ON	Direct	R	R	4
%SW4644			ON,,OFF,ON	Direct	R	R	4
%SW4645			ON,,OFF,ON	Direct	R	R	4
%SW4646			ON,,OFF,ON	Direct	R	R	4
%SW4647			ON,,OFF,ON	Direct	R	R	4
%SW4648			ON,,OFF,ON	Direct	R	R	4
%SW4649			ON,,OFF,ON	Direct	R	R	4
%SW4650			ON,,OFF,ON	Direct	R	R	4
%SW4651			ON,,OFF,ON	Direct	R	R	4
%SW4652			ON,,OFF,ON	Direct	R	R	4
%SW4653			ON,,OFF,ON	Direct	R	R	4
%SW4654			ON,,OFF,ON	Direct	R	R	4
%SW4655			ON,,OFF,ON	Direct	R	R	4
%SW4656			ON,,OFF,ON	Direct	R	R	4
%SW4657			ON,,OFF,ON	Direct	R	R	4
%SW4658			ON,,OFF,ON	Direct	R	R	4
%SW4659			ON,,OFF,ON	Direct	R	R	4
%SW4660			ON,,OFF,ON	Direct	R	R	4
%SW4661			ON,,OFF,ON	Direct	R	R	4
%SW4662			ON,,OFF,ON	Direct	R	R	4
%SW4663			ON,,OFF,ON	Direct	R	R	4
%SW4664			ON,,OFF,ON	Direct	R	R	4
%SW4665			ON,,OFF,ON	Direct	R	R	4
%SW4666			ON,,OFF,ON	Direct	R	R	4
%SW4667			ON,,OFF,ON	Direct	R	R	4
%SW4668			ON,,OFF,ON	Direct	R	R	4
%SW4669			ON,,OFF,ON	Direct	R	R	4
%SW4670			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-13
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4671			ON,,OFF,ON	Direct	R	R	4
%SW4672			ON,,OFF,ON	Direct	R	R	4
%SW4673			ON,,OFF,ON	Direct	R	R	4
%SW4674			ON,,OFF,ON	Direct	R	R	4
%SW4675			ON,,OFF,ON	Direct	R	R	4
%SW4676			ON,,OFF,ON	Direct	R	R	4
%SW4677			ON,,OFF,ON	Direct	R	R	4
%SW4678			ON,,OFF,ON	Direct	R	R	4
%SW4679			ON,,OFF,ON	Direct	R	R	4
%SW4680			ON,,OFF,ON	Direct	R	R	4
%SW4681			ON,,OFF,ON	Direct	R	R	4
%SW4682			ON,,OFF,ON	Direct	R	R	4
%SW4683			ON,,OFF,ON	Direct	R	R	4
%SW4684			ON,,OFF,ON	Direct	R	R	4
%SW4685			ON,,OFF,ON	Direct	R	R	4
%SW4686			ON,,OFF,ON	Direct	R	R	4
%SW4687			ON,,OFF,ON	Direct	R	R	4
%SW4688			ON,,OFF,ON	Direct	R	R	4
%SW4689			ON,,OFF,ON	Direct	R	R	4
%SW4690			ON,,OFF,ON	Direct	R	R	4
%SW4691			ON,,OFF,ON	Direct	R	R	4
%SW4692			ON,,OFF,ON	Direct	R	R	4
%SW4693			ON,,OFF,ON	Direct	R	R	4
%SW4694			ON,,OFF,ON	Direct	R	R	4
%SW4695			ON,,OFF,ON	Direct	R	R	4
%SW4696			ON,,OFF,ON	Direct	R	R	4
%SW4697			ON,,OFF,ON	Direct	R	R	4
%SW4698			ON,,OFF,ON	Direct	R	R	4
%SW4699			ON,,OFF,ON	Direct	R	R	4
%SW4700			ON,,OFF,ON	Direct	R	R	4
%SW4701			ON,,OFF,ON	Direct	R	R	4
%SW4702			ON,,OFF,ON	Direct	R	R	4
%SW4703			ON,,OFF,ON	Direct	R	R	4
%SW4704			ON,,OFF,ON	Direct	R	R	4
%SW4705			ON,,OFF,ON	Direct	R	R	4
%SW4706			ON,,OFF,ON	Direct	R	R	4
%SW4707			ON,,OFF,ON	Direct	R	R	4
%SW4708			ON,,OFF,ON	Direct	R	R	4
%SW4709			ON,,OFF,ON	Direct	R	R	4
%SW4710			ON,,OFF,ON	Direct	R	R	4
%SW4711			ON,,OFF,ON	Direct	R	R	4
%SW4712			ON,,OFF,ON	Direct	R	R	4
%SW4713			ON,,OFF,ON	Direct	R	R	4
%SW4714			ON,,OFF,ON	Direct	R	R	4
%SW4715			ON,,OFF,ON	Direct	R	R	4
%SW4716			ON,,OFF,ON	Direct	R	R	4
%SW4717			ON,,OFF,ON	Direct	R	R	4
%SW4718			ON,,OFF,ON	Direct	R	R	4
%SW4719			ON,,OFF,ON	Direct	R	R	4
%SW4720			ON,,OFF,ON	Direct	R	R	4
%SW4721			ON,,OFF,ON	Direct	R	R	4
%SW4722			ON,,OFF,ON	Direct	R	R	4
%SW4723			ON,,OFF,ON	Direct	R	R	4
%SW4724			ON,,OFF,ON	Direct	R	R	4
%SW4725			ON,,OFF,ON	Direct	R	R	4
%SW4726			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-14
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4727			ON,,OFF,ON	Direct	R	R	4
%SW4728			ON,,OFF,ON	Direct	R	R	4
%SW4729			ON,,OFF,ON	Direct	R	R	4
%SW4730			ON,,OFF,ON	Direct	R	R	4
%SW4731			ON,,OFF,ON	Direct	R	R	4
%SW4732			ON,,OFF,ON	Direct	R	R	4
%SW4733			ON,,OFF,ON	Direct	R	R	4
%SW4734			ON,,OFF,ON	Direct	R	R	4
%SW4735			ON,,OFF,ON	Direct	R	R	4
%SW4736			ON,,OFF,ON	Direct	R	R	4
%SW4737			ON,,OFF,ON	Direct	R	R	4
%SW4738			ON,,OFF,ON	Direct	R	R	4
%SW4739			ON,,OFF,ON	Direct	R	R	4
%SW4740			ON,,OFF,ON	Direct	R	R	4
%SW4741			ON,,OFF,ON	Direct	R	R	4
%SW4742			ON,,OFF,ON	Direct	R	R	4
%SW4743			ON,,OFF,ON	Direct	R	R	4
%SW4744			ON,,OFF,ON	Direct	R	R	4
%SW4745			ON,,OFF,ON	Direct	R	R	4
%SW4746			ON,,OFF,ON	Direct	R	R	4
%SW4747			ON,,OFF,ON	Direct	R	R	4
%SW4748			ON,,OFF,ON	Direct	R	R	4
%SW4749			ON,,OFF,ON	Direct	R	R	4
%SW4750			ON,,OFF,ON	Direct	R	R	4
%SW4751			ON,,OFF,ON	Direct	R	R	4
%SW4752			ON,,OFF,ON	Direct	R	R	4
%SW4753			ON,,OFF,ON	Direct	R	R	4
%SW4754			ON,,OFF,ON	Direct	R	R	4
%SW4755			ON,,OFF,ON	Direct	R	R	4
%SW4756			ON,,OFF,ON	Direct	R	R	4
%SW4757			ON,,OFF,ON	Direct	R	R	4
%SW4758			ON,,OFF,ON	Direct	R	R	4
%SW4759			ON,,OFF,ON	Direct	R	R	4
%SW4760			ON,,OFF,ON	Direct	R	R	4
%SW4761			ON,,OFF,ON	Direct	R	R	4
%SW4762			ON,,OFF,ON	Direct	R	R	4
%SW4763			ON,,OFF,ON	Direct	R	R	4
%SW4764			ON,,OFF,ON	Direct	R	R	4
%SW4765			ON,,OFF,ON	Direct	R	R	4
%SW4766			ON,,OFF,ON	Direct	R	R	4
%SW4767			ON,,OFF,ON	Direct	R	R	4
%SW4768			ON,,OFF,ON	Direct	R	R	4
%SW4769			ON,,OFF,ON	Direct	R	R	4
%SW4770			ON,,OFF,ON	Direct	R	R	4
%SW4771			ON,,OFF,ON	Direct	R	R	4
%SW4772			ON,,OFF,ON	Direct	R	R	4
%SW4773			ON,,OFF,ON	Direct	R	R	4
%SW4774			ON,,OFF,ON	Direct	R	R	4
%SW4775			ON,,OFF,ON	Direct	R	R	4
%SW4776			ON,,OFF,ON	Direct	R	R	4
%SW4777			ON,,OFF,ON	Direct	R	R	4
%SW4778			ON,,OFF,ON	Direct	R	R	4
%SW4779			ON,,OFF,ON	Direct	R	R	4
%SW4780			ON,,OFF,ON	Direct	R	R	4
%SW4781			ON,,OFF,ON	Direct	R	R	4
%SW4782			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-15
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4783			ON,,OFF,ON	Direct	R	R	4
%SW4784			ON,,OFF,ON	Direct	R	R	4
%SW4785			ON,,OFF,ON	Direct	R	R	4
%SW4786			ON,,OFF,ON	Direct	R	R	4
%SW4787			ON,,OFF,ON	Direct	R	R	4
%SW4788			ON,,OFF,ON	Direct	R	R	4
%SW4789			ON,,OFF,ON	Direct	R	R	4
%SW4790			ON,,OFF,ON	Direct	R	R	4
%SW4791			ON,,OFF,ON	Direct	R	R	4
%SW4792			ON,,OFF,ON	Direct	R	R	4
%SW4793			ON,,OFF,ON	Direct	R	R	4
%SW4794			ON,,OFF,ON	Direct	R	R	4
%SW4795			ON,,OFF,ON	Direct	R	R	4
%SW4796			ON,,OFF,ON	Direct	R	R	4
%SW4797			ON,,OFF,ON	Direct	R	R	4
%SW4798			ON,,OFF,ON	Direct	R	R	4
%SW4799			ON,,OFF,ON	Direct	R	R	4
%SW4800			ON,,OFF,ON	Direct	R	R	4
%SW4801			ON,,OFF,ON	Direct	R	R	4
%SW4802			ON,,OFF,ON	Direct	R	R	4
%SW4803			ON,,OFF,ON	Direct	R	R	4
%SW4804			ON,,OFF,ON	Direct	R	R	4
%SW4805			ON,,OFF,ON	Direct	R	R	4
%SW4806			ON,,OFF,ON	Direct	R	R	4
%SW4807			ON,,OFF,ON	Direct	R	R	4
%SW4808			ON,,OFF,ON	Direct	R	R	4
%SW4809			ON,,OFF,ON	Direct	R	R	4
%SW4810			ON,,OFF,ON	Direct	R	R	4
%SW4811			ON,,OFF,ON	Direct	R	R	4
%SW4812			ON,,OFF,ON	Direct	R	R	4
%SW4813			ON,,OFF,ON	Direct	R	R	4
%SW4814			ON,,OFF,ON	Direct	R	R	4
%SW4815			ON,,OFF,ON	Direct	R	R	4
%SW4816			ON,,OFF,ON	Direct	R	R	4
%SW4817			ON,,OFF,ON	Direct	R	R	4
%SW4818			ON,,OFF,ON	Direct	R	R	4
%SW4819			ON,,OFF,ON	Direct	R	R	4
%SW4820			ON,,OFF,ON	Direct	R	R	4
%SW4821			ON,,OFF,ON	Direct	R	R	4
%SW4822			ON,,OFF,ON	Direct	R	R	4
%SW4823			ON,,OFF,ON	Direct	R	R	4
%SW4824			ON,,OFF,ON	Direct	R	R	4
%SW4825			ON,,OFF,ON	Direct	R	R	4
%SW4826			ON,,OFF,ON	Direct	R	R	4
%SW4827			ON,,OFF,ON	Direct	R	R	4
%SW4828			ON,,OFF,ON	Direct	R	R	4
%SW4829			ON,,OFF,ON	Direct	R	R	4
%SW4830			ON,,OFF,ON	Direct	R	R	4
%SW4831			ON,,OFF,ON	Direct	R	R	4
%SW4832			ON,,OFF,ON	Direct	R	R	4
%SW4833			ON,,OFF,ON	Direct	R	R	4
%SW4834			ON,,OFF,ON	Direct	R	R	4
%SW4835			ON,,OFF,ON	Direct	R	R	4
%SW4836			ON,,OFF,ON	Direct	R	R	4
%SW4837			ON,,OFF,ON	Direct	R	R	4
%SW4838			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-16
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4839			ON,,OFF,ON	Direct	R	R	4
%SW4840			ON,,OFF,ON	Direct	R	R	4
%SW4841			ON,,OFF,ON	Direct	R	R	4
%SW4842			ON,,OFF,ON	Direct	R	R	4
%SW4843			ON,,OFF,ON	Direct	R	R	4
%SW4844			ON,,OFF,ON	Direct	R	R	4
%SW4845			ON,,OFF,ON	Direct	R	R	4
%SW4846			ON,,OFF,ON	Direct	R	R	4
%SW4847			ON,,OFF,ON	Direct	R	R	4
%SW4848			ON,,OFF,ON	Direct	R	R	4
%SW4849			ON,,OFF,ON	Direct	R	R	4
%SW4850			ON,,OFF,ON	Direct	R	R	4
%SW4851			ON,,OFF,ON	Direct	R	R	4
%SW4852			ON,,OFF,ON	Direct	R	R	4
%SW4853			ON,,OFF,ON	Direct	R	R	4
%SW4854			ON,,OFF,ON	Direct	R	R	4
%SW4855			ON,,OFF,ON	Direct	R	R	4
%SW4856			ON,,OFF,ON	Direct	R	R	4
%SW4857			ON,,OFF,ON	Direct	R	R	4
%SW4858			ON,,OFF,ON	Direct	R	R	4
%SW4859			ON,,OFF,ON	Direct	R	R	4
%SW4860			ON,,OFF,ON	Direct	R	R	4
%SW4861			ON,,OFF,ON	Direct	R	R	4
%SW4862			ON,,OFF,ON	Direct	R	R	4
%SW4863			ON,,OFF,ON	Direct	R	R	4
%SW4864			ON,,OFF,ON	Direct	R	R	4
%SW4865			ON,,OFF,ON	Direct	R	R	4
%SW4866			ON,,OFF,ON	Direct	R	R	4
%SW4867			ON,,OFF,ON	Direct	R	R	4
%SW4868			ON,,OFF,ON	Direct	R	R	4
%SW4869			ON,,OFF,ON	Direct	R	R	4
%SW4870			ON,,OFF,ON	Direct	R	R	4
%SW4871			ON,,OFF,ON	Direct	R	R	4
%SW4872			ON,,OFF,ON	Direct	R	R	4
%SW4873			ON,,OFF,ON	Direct	R	R	4
%SW4874			ON,,OFF,ON	Direct	R	R	4
%SW4875			ON,,OFF,ON	Direct	R	R	4
%SW4876			ON,,OFF,ON	Direct	R	R	4
%SW4877			ON,,OFF,ON	Direct	R	R	4
%SW4878			ON,,OFF,ON	Direct	R	R	4
%SW4879			ON,,OFF,ON	Direct	R	R	4
%SW4880			ON,,OFF,ON	Direct	R	R	4
%SW4881			ON,,OFF,ON	Direct	R	R	4
%SW4882			ON,,OFF,ON	Direct	R	R	4
%SW4883			ON,,OFF,ON	Direct	R	R	4
%SW4884			ON,,OFF,ON	Direct	R	R	4
%SW4885			ON,,OFF,ON	Direct	R	R	4
%SW4886			ON,,OFF,ON	Direct	R	R	4
%SW4887			ON,,OFF,ON	Direct	R	R	4
%SW4888			ON,,OFF,ON	Direct	R	R	4
%SW4889			ON,,OFF,ON	Direct	R	R	4
%SW4890			ON,,OFF,ON	Direct	R	R	4
%SW4891			ON,,OFF,ON	Direct	R	R	4
%SW4892			ON,,OFF,ON	Direct	R	R	4
%SW4893			ON,,OFF,ON	Direct	R	R	4
%SW4894			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-17
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4895			ON,,OFF,ON	Direct	R	R	4
%SW4896			ON,,OFF,ON	Direct	R	R	4
%SW4897			ON,,OFF,ON	Direct	R	R	4
%SW4898			ON,,OFF,ON	Direct	R	R	4
%SW4899			ON,,OFF,ON	Direct	R	R	4
%SW4900			ON,,OFF,ON	Direct	R	R	4
%SW4901			ON,,OFF,ON	Direct	R	R	4
%SW4902			ON,,OFF,ON	Direct	R	R	4
%SW4903			ON,,OFF,ON	Direct	R	R	4
%SW4904			ON,,OFF,ON	Direct	R	R	4
%SW4905			ON,,OFF,ON	Direct	R	R	4
%SW4906			ON,,OFF,ON	Direct	R	R	4
%SW4907			ON,,OFF,ON	Direct	R	R	4
%SW4908			ON,,OFF,ON	Direct	R	R	4
%SW4909			ON,,OFF,ON	Direct	R	R	4
%SW4910			ON,,OFF,ON	Direct	R	R	4
%SW4911			ON,,OFF,ON	Direct	R	R	4
%SW4912			ON,,OFF,ON	Direct	R	R	4
%SW4913			ON,,OFF,ON	Direct	R	R	4
%SW4914			ON,,OFF,ON	Direct	R	R	4
%SW4915			ON,,OFF,ON	Direct	R	R	4
%SW4916			ON,,OFF,ON	Direct	R	R	4
%SW4917			ON,,OFF,ON	Direct	R	R	4
%SW4918			ON,,OFF,ON	Direct	R	R	4
%SW4919			ON,,OFF,ON	Direct	R	R	4
%SW4920			ON,,OFF,ON	Direct	R	R	4
%SW4921			ON,,OFF,ON	Direct	R	R	4
%SW4922			ON,,OFF,ON	Direct	R	R	4
%SW4923			ON,,OFF,ON	Direct	R	R	4
%SW4924			ON,,OFF,ON	Direct	R	R	4
%SW4925			ON,,OFF,ON	Direct	R	R	4
%SW4926			ON,,OFF,ON	Direct	R	R	4
%SW4927			ON,,OFF,ON	Direct	R	R	4
%SW4928			ON,,OFF,ON	Direct	R	R	4
%SW4929			ON,,OFF,ON	Direct	R	R	4
%SW4930			ON,,OFF,ON	Direct	R	R	4
%SW4931			ON,,OFF,ON	Direct	R	R	4
%SW4932			ON,,OFF,ON	Direct	R	R	4
%SW4933			ON,,OFF,ON	Direct	R	R	4
%SW4934			ON,,OFF,ON	Direct	R	R	4
%SW4935			ON,,OFF,ON	Direct	R	R	4
%SW4936			ON,,OFF,ON	Direct	R	R	4
%SW4937			ON,,OFF,ON	Direct	R	R	4
%SW4938			ON,,OFF,ON	Direct	R	R	4
%SW4939			ON,,OFF,ON	Direct	R	R	4
%SW4940			ON,,OFF,ON	Direct	R	R	4
%SW4941			ON,,OFF,ON	Direct	R	R	4
%SW4942			ON,,OFF,ON	Direct	R	R	4
%SW4943			ON,,OFF,ON	Direct	R	R	4
%SW4944			ON,,OFF,ON	Direct	R	R	4
%SW4945			ON,,OFF,ON	Direct	R	R	4
%SW4946			ON,,OFF,ON	Direct	R	R	4
%SW4947			ON,,OFF,ON	Direct	R	R	4
%SW4948			ON,,OFF,ON	Direct	R	R	4
%SW4949			ON,,OFF,ON	Direct	R	R	4
%SW4950			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef5.edf	SHEET:		YOKOGAWA	PAGE:3-15-18
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch5	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW4951			ON,,OFF,ON	Direct	R	R	4
%SW4952			ON,,OFF,ON	Direct	R	R	4
%SW4953			ON,,OFF,ON	Direct	R	R	4
%SW4954			ON,,OFF,ON	Direct	R	R	4
%SW4955			ON,,OFF,ON	Direct	R	R	4
%SW4956			ON,,OFF,ON	Direct	R	R	4
%SW4957			ON,,OFF,ON	Direct	R	R	4
%SW4958			ON,,OFF,ON	Direct	R	R	4
%SW4959			ON,,OFF,ON	Direct	R	R	4
%SW4960			ON,,OFF,ON	Direct	R	R	4
%SW4961			ON,,OFF,ON	Direct	R	R	4
%SW4962			ON,,OFF,ON	Direct	R	R	4
%SW4963			ON,,OFF,ON	Direct	R	R	4
%SW4964			ON,,OFF,ON	Direct	R	R	4
%SW4965			ON,,OFF,ON	Direct	R	R	4
%SW4966			ON,,OFF,ON	Direct	R	R	4
%SW4967			ON,,OFF,ON	Direct	R	R	4
%SW4968			ON,,OFF,ON	Direct	R	R	4
%SW4969			ON,,OFF,ON	Direct	R	R	4
%SW4970			ON,,OFF,ON	Direct	R	R	4
%SW4971			ON,,OFF,ON	Direct	R	R	4
%SW4972			ON,,OFF,ON	Direct	R	R	4
%SW4973			ON,,OFF,ON	Direct	R	R	4
%SW4974			ON,,OFF,ON	Direct	R	R	4
%SW4975			ON,,OFF,ON	Direct	R	R	4
%SW4976			ON,,OFF,ON	Direct	R	R	4
%SW4977			ON,,OFF,ON	Direct	R	R	4
%SW4978			ON,,OFF,ON	Direct	R	R	4
%SW4979			ON,,OFF,ON	Direct	R	R	4
%SW4980			ON,,OFF,ON	Direct	R	R	4
%SW4981			ON,,OFF,ON	Direct	R	R	4
%SW4982			ON,,OFF,ON	Direct	R	R	4
%SW4983			ON,,OFF,ON	Direct	R	R	4
%SW4984			ON,,OFF,ON	Direct	R	R	4
%SW4985			ON,,OFF,ON	Direct	R	R	4
%SW4986			ON,,OFF,ON	Direct	R	R	4
%SW4987			ON,,OFF,ON	Direct	R	R	4
%SW4988			ON,,OFF,ON	Direct	R	R	4
%SW4989			ON,,OFF,ON	Direct	R	R	4
%SW4990			ON,,OFF,ON	Direct	R	R	4
%SW4991			ON,,OFF,ON	Direct	R	R	4
%SW4992			ON,,OFF,ON	Direct	R	R	4
%SW4993			ON,,OFF,ON	Direct	R	R	4
%SW4994			ON,,OFF,ON	Direct	R	R	4
%SW4995			ON,,OFF,ON	Direct	R	R	4
%SW4996			ON,,OFF,ON	Direct	R	R	4
%SW4997			ON,,OFF,ON	Direct	R	R	4
%SW4998			ON,,OFF,ON	Direct	R	R	4
%SW4999			ON,,OFF,ON	Direct	R	R	4
%SW5000			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-1
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Common Switch Builder

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5001			ON,,OFF,ON	Direct	R	R	4
%SW5002			ON,,OFF,ON	Direct	R	R	4
%SW5003			ON,,OFF,ON	Direct	R	R	4
%SW5004			ON,,OFF,ON	Direct	R	R	4
%SW5005			ON,,OFF,ON	Direct	R	R	4
%SW5006			ON,,OFF,ON	Direct	R	R	4
%SW5007			ON,,OFF,ON	Direct	R	R	4
%SW5008			ON,,OFF,ON	Direct	R	R	4
%SW5009			ON,,OFF,ON	Direct	R	R	4
%SW5010			ON,,OFF,ON	Direct	R	R	4
%SW5011			ON,,OFF,ON	Direct	R	R	4
%SW5012			ON,,OFF,ON	Direct	R	R	4
%SW5013			ON,,OFF,ON	Direct	R	R	4
%SW5014			ON,,OFF,ON	Direct	R	R	4
%SW5015			ON,,OFF,ON	Direct	R	R	4
%SW5016			ON,,OFF,ON	Direct	R	R	4
%SW5017			ON,,OFF,ON	Direct	R	R	4
%SW5018			ON,,OFF,ON	Direct	R	R	4
%SW5019			ON,,OFF,ON	Direct	R	R	4
%SW5020			ON,,OFF,ON	Direct	R	R	4
%SW5021			ON,,OFF,ON	Direct	R	R	4
%SW5022			ON,,OFF,ON	Direct	R	R	4
%SW5023			ON,,OFF,ON	Direct	R	R	4
%SW5024			ON,,OFF,ON	Direct	R	R	4
%SW5025			ON,,OFF,ON	Direct	R	R	4
%SW5026			ON,,OFF,ON	Direct	R	R	4
%SW5027			ON,,OFF,ON	Direct	R	R	4
%SW5028			ON,,OFF,ON	Direct	R	R	4
%SW5029			ON,,OFF,ON	Direct	R	R	4
%SW5030			ON,,OFF,ON	Direct	R	R	4
%SW5031			ON,,OFF,ON	Direct	R	R	4
%SW5032			ON,,OFF,ON	Direct	R	R	4
%SW5033			ON,,OFF,ON	Direct	R	R	4
%SW5034			ON,,OFF,ON	Direct	R	R	4
%SW5035			ON,,OFF,ON	Direct	R	R	4
%SW5036			ON,,OFF,ON	Direct	R	R	4
%SW5037			ON,,OFF,ON	Direct	R	R	4
%SW5038			ON,,OFF,ON	Direct	R	R	4
%SW5039			ON,,OFF,ON	Direct	R	R	4
%SW5040			ON,,OFF,ON	Direct	R	R	4
%SW5041			ON,,OFF,ON	Direct	R	R	4
%SW5042			ON,,OFF,ON	Direct	R	R	4
%SW5043			ON,,OFF,ON	Direct	R	R	4
%SW5044			ON,,OFF,ON	Direct	R	R	4
%SW5045			ON,,OFF,ON	Direct	R	R	4
%SW5046			ON,,OFF,ON	Direct	R	R	4
%SW5047			ON,,OFF,ON	Direct	R	R	4
%SW5048			ON,,OFF,ON	Direct	R	R	4
%SW5049			ON,,OFF,ON	Direct	R	R	4
%SW5050			ON,,OFF,ON	Direct	R	R	4
%SW5051			ON,,OFF,ON	Direct	R	R	4
%SW5052			ON,,OFF,ON	Direct	R	R	4
%SW5053			ON,,OFF,ON	Direct	R	R	4
%SW5054			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-2
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5055			ON,,OFF,ON	Direct	R	R	4
%SW5056			ON,,OFF,ON	Direct	R	R	4
%SW5057			ON,,OFF,ON	Direct	R	R	4
%SW5058			ON,,OFF,ON	Direct	R	R	4
%SW5059			ON,,OFF,ON	Direct	R	R	4
%SW5060			ON,,OFF,ON	Direct	R	R	4
%SW5061			ON,,OFF,ON	Direct	R	R	4
%SW5062			ON,,OFF,ON	Direct	R	R	4
%SW5063			ON,,OFF,ON	Direct	R	R	4
%SW5064			ON,,OFF,ON	Direct	R	R	4
%SW5065			ON,,OFF,ON	Direct	R	R	4
%SW5066			ON,,OFF,ON	Direct	R	R	4
%SW5067			ON,,OFF,ON	Direct	R	R	4
%SW5068			ON,,OFF,ON	Direct	R	R	4
%SW5069			ON,,OFF,ON	Direct	R	R	4
%SW5070			ON,,OFF,ON	Direct	R	R	4
%SW5071			ON,,OFF,ON	Direct	R	R	4
%SW5072			ON,,OFF,ON	Direct	R	R	4
%SW5073			ON,,OFF,ON	Direct	R	R	4
%SW5074			ON,,OFF,ON	Direct	R	R	4
%SW5075			ON,,OFF,ON	Direct	R	R	4
%SW5076			ON,,OFF,ON	Direct	R	R	4
%SW5077			ON,,OFF,ON	Direct	R	R	4
%SW5078			ON,,OFF,ON	Direct	R	R	4
%SW5079			ON,,OFF,ON	Direct	R	R	4
%SW5080			ON,,OFF,ON	Direct	R	R	4
%SW5081			ON,,OFF,ON	Direct	R	R	4
%SW5082			ON,,OFF,ON	Direct	R	R	4
%SW5083			ON,,OFF,ON	Direct	R	R	4
%SW5084			ON,,OFF,ON	Direct	R	R	4
%SW5085			ON,,OFF,ON	Direct	R	R	4
%SW5086			ON,,OFF,ON	Direct	R	R	4
%SW5087			ON,,OFF,ON	Direct	R	R	4
%SW5088			ON,,OFF,ON	Direct	R	R	4
%SW5089			ON,,OFF,ON	Direct	R	R	4
%SW5090			ON,,OFF,ON	Direct	R	R	4
%SW5091			ON,,OFF,ON	Direct	R	R	4
%SW5092			ON,,OFF,ON	Direct	R	R	4
%SW5093			ON,,OFF,ON	Direct	R	R	4
%SW5094			ON,,OFF,ON	Direct	R	R	4
%SW5095			ON,,OFF,ON	Direct	R	R	4
%SW5096			ON,,OFF,ON	Direct	R	R	4
%SW5097			ON,,OFF,ON	Direct	R	R	4
%SW5098			ON,,OFF,ON	Direct	R	R	4
%SW5099			ON,,OFF,ON	Direct	R	R	4
%SW5100			ON,,OFF,ON	Direct	R	R	4
%SW5101			ON,,OFF,ON	Direct	R	R	4
%SW5102			ON,,OFF,ON	Direct	R	R	4
%SW5103			ON,,OFF,ON	Direct	R	R	4
%SW5104			ON,,OFF,ON	Direct	R	R	4
%SW5105			ON,,OFF,ON	Direct	R	R	4
%SW5106			ON,,OFF,ON	Direct	R	R	4
%SW5107			ON,,OFF,ON	Direct	R	R	4
%SW5108			ON,,OFF,ON	Direct	R	R	4
%SW5109			ON,,OFF,ON	Direct	R	R	4
%SW5110			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-3
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5111			ON,,OFF,ON	Direct	R	R	4
%SW5112			ON,,OFF,ON	Direct	R	R	4
%SW5113			ON,,OFF,ON	Direct	R	R	4
%SW5114			ON,,OFF,ON	Direct	R	R	4
%SW5115			ON,,OFF,ON	Direct	R	R	4
%SW5116			ON,,OFF,ON	Direct	R	R	4
%SW5117			ON,,OFF,ON	Direct	R	R	4
%SW5118			ON,,OFF,ON	Direct	R	R	4
%SW5119			ON,,OFF,ON	Direct	R	R	4
%SW5120			ON,,OFF,ON	Direct	R	R	4
%SW5121			ON,,OFF,ON	Direct	R	R	4
%SW5122			ON,,OFF,ON	Direct	R	R	4
%SW5123			ON,,OFF,ON	Direct	R	R	4
%SW5124			ON,,OFF,ON	Direct	R	R	4
%SW5125			ON,,OFF,ON	Direct	R	R	4
%SW5126			ON,,OFF,ON	Direct	R	R	4
%SW5127			ON,,OFF,ON	Direct	R	R	4
%SW5128			ON,,OFF,ON	Direct	R	R	4
%SW5129			ON,,OFF,ON	Direct	R	R	4
%SW5130			ON,,OFF,ON	Direct	R	R	4
%SW5131			ON,,OFF,ON	Direct	R	R	4
%SW5132			ON,,OFF,ON	Direct	R	R	4
%SW5133			ON,,OFF,ON	Direct	R	R	4
%SW5134			ON,,OFF,ON	Direct	R	R	4
%SW5135			ON,,OFF,ON	Direct	R	R	4
%SW5136			ON,,OFF,ON	Direct	R	R	4
%SW5137			ON,,OFF,ON	Direct	R	R	4
%SW5138			ON,,OFF,ON	Direct	R	R	4
%SW5139			ON,,OFF,ON	Direct	R	R	4
%SW5140			ON,,OFF,ON	Direct	R	R	4
%SW5141			ON,,OFF,ON	Direct	R	R	4
%SW5142			ON,,OFF,ON	Direct	R	R	4
%SW5143			ON,,OFF,ON	Direct	R	R	4
%SW5144			ON,,OFF,ON	Direct	R	R	4
%SW5145			ON,,OFF,ON	Direct	R	R	4
%SW5146			ON,,OFF,ON	Direct	R	R	4
%SW5147			ON,,OFF,ON	Direct	R	R	4
%SW5148			ON,,OFF,ON	Direct	R	R	4
%SW5149			ON,,OFF,ON	Direct	R	R	4
%SW5150			ON,,OFF,ON	Direct	R	R	4
%SW5151			ON,,OFF,ON	Direct	R	R	4
%SW5152			ON,,OFF,ON	Direct	R	R	4
%SW5153			ON,,OFF,ON	Direct	R	R	4
%SW5154			ON,,OFF,ON	Direct	R	R	4
%SW5155			ON,,OFF,ON	Direct	R	R	4
%SW5156			ON,,OFF,ON	Direct	R	R	4
%SW5157			ON,,OFF,ON	Direct	R	R	4
%SW5158			ON,,OFF,ON	Direct	R	R	4
%SW5159			ON,,OFF,ON	Direct	R	R	4
%SW5160			ON,,OFF,ON	Direct	R	R	4
%SW5161			ON,,OFF,ON	Direct	R	R	4
%SW5162			ON,,OFF,ON	Direct	R	R	4
%SW5163			ON,,OFF,ON	Direct	R	R	4
%SW5164			ON,,OFF,ON	Direct	R	R	4
%SW5165			ON,,OFF,ON	Direct	R	R	4
%SW5166			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-4
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5167			ON,,OFF,ON	Direct	R	R	4
%SW5168			ON,,OFF,ON	Direct	R	R	4
%SW5169			ON,,OFF,ON	Direct	R	R	4
%SW5170			ON,,OFF,ON	Direct	R	R	4
%SW5171			ON,,OFF,ON	Direct	R	R	4
%SW5172			ON,,OFF,ON	Direct	R	R	4
%SW5173			ON,,OFF,ON	Direct	R	R	4
%SW5174			ON,,OFF,ON	Direct	R	R	4
%SW5175			ON,,OFF,ON	Direct	R	R	4
%SW5176			ON,,OFF,ON	Direct	R	R	4
%SW5177			ON,,OFF,ON	Direct	R	R	4
%SW5178			ON,,OFF,ON	Direct	R	R	4
%SW5179			ON,,OFF,ON	Direct	R	R	4
%SW5180			ON,,OFF,ON	Direct	R	R	4
%SW5181			ON,,OFF,ON	Direct	R	R	4
%SW5182			ON,,OFF,ON	Direct	R	R	4
%SW5183			ON,,OFF,ON	Direct	R	R	4
%SW5184			ON,,OFF,ON	Direct	R	R	4
%SW5185			ON,,OFF,ON	Direct	R	R	4
%SW5186			ON,,OFF,ON	Direct	R	R	4
%SW5187			ON,,OFF,ON	Direct	R	R	4
%SW5188			ON,,OFF,ON	Direct	R	R	4
%SW5189			ON,,OFF,ON	Direct	R	R	4
%SW5190			ON,,OFF,ON	Direct	R	R	4
%SW5191			ON,,OFF,ON	Direct	R	R	4
%SW5192			ON,,OFF,ON	Direct	R	R	4
%SW5193			ON,,OFF,ON	Direct	R	R	4
%SW5194			ON,,OFF,ON	Direct	R	R	4
%SW5195			ON,,OFF,ON	Direct	R	R	4
%SW5196			ON,,OFF,ON	Direct	R	R	4
%SW5197			ON,,OFF,ON	Direct	R	R	4
%SW5198			ON,,OFF,ON	Direct	R	R	4
%SW5199			ON,,OFF,ON	Direct	R	R	4
%SW5200			ON,,OFF,ON	Direct	R	R	4
%SW5201			ON,,OFF,ON	Direct	R	R	4
%SW5202			ON,,OFF,ON	Direct	R	R	4
%SW5203			ON,,OFF,ON	Direct	R	R	4
%SW5204			ON,,OFF,ON	Direct	R	R	4
%SW5205			ON,,OFF,ON	Direct	R	R	4
%SW5206			ON,,OFF,ON	Direct	R	R	4
%SW5207			ON,,OFF,ON	Direct	R	R	4
%SW5208			ON,,OFF,ON	Direct	R	R	4
%SW5209			ON,,OFF,ON	Direct	R	R	4
%SW5210			ON,,OFF,ON	Direct	R	R	4
%SW5211			ON,,OFF,ON	Direct	R	R	4
%SW5212			ON,,OFF,ON	Direct	R	R	4
%SW5213			ON,,OFF,ON	Direct	R	R	4
%SW5214			ON,,OFF,ON	Direct	R	R	4
%SW5215			ON,,OFF,ON	Direct	R	R	4
%SW5216			ON,,OFF,ON	Direct	R	R	4
%SW5217			ON,,OFF,ON	Direct	R	R	4
%SW5218			ON,,OFF,ON	Direct	R	R	4
%SW5219			ON,,OFF,ON	Direct	R	R	4
%SW5220			ON,,OFF,ON	Direct	R	R	4
%SW5221			ON,,OFF,ON	Direct	R	R	4
%SW5222			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-5
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5223			ON,,OFF,ON	Direct	R	R	4
%SW5224			ON,,OFF,ON	Direct	R	R	4
%SW5225			ON,,OFF,ON	Direct	R	R	4
%SW5226			ON,,OFF,ON	Direct	R	R	4
%SW5227			ON,,OFF,ON	Direct	R	R	4
%SW5228			ON,,OFF,ON	Direct	R	R	4
%SW5229			ON,,OFF,ON	Direct	R	R	4
%SW5230			ON,,OFF,ON	Direct	R	R	4
%SW5231			ON,,OFF,ON	Direct	R	R	4
%SW5232			ON,,OFF,ON	Direct	R	R	4
%SW5233			ON,,OFF,ON	Direct	R	R	4
%SW5234			ON,,OFF,ON	Direct	R	R	4
%SW5235			ON,,OFF,ON	Direct	R	R	4
%SW5236			ON,,OFF,ON	Direct	R	R	4
%SW5237			ON,,OFF,ON	Direct	R	R	4
%SW5238			ON,,OFF,ON	Direct	R	R	4
%SW5239			ON,,OFF,ON	Direct	R	R	4
%SW5240			ON,,OFF,ON	Direct	R	R	4
%SW5241			ON,,OFF,ON	Direct	R	R	4
%SW5242			ON,,OFF,ON	Direct	R	R	4
%SW5243			ON,,OFF,ON	Direct	R	R	4
%SW5244			ON,,OFF,ON	Direct	R	R	4
%SW5245			ON,,OFF,ON	Direct	R	R	4
%SW5246			ON,,OFF,ON	Direct	R	R	4
%SW5247			ON,,OFF,ON	Direct	R	R	4
%SW5248			ON,,OFF,ON	Direct	R	R	4
%SW5249			ON,,OFF,ON	Direct	R	R	4
%SW5250			ON,,OFF,ON	Direct	R	R	4
%SW5251			ON,,OFF,ON	Direct	R	R	4
%SW5252			ON,,OFF,ON	Direct	R	R	4
%SW5253			ON,,OFF,ON	Direct	R	R	4
%SW5254			ON,,OFF,ON	Direct	R	R	4
%SW5255			ON,,OFF,ON	Direct	R	R	4
%SW5256			ON,,OFF,ON	Direct	R	R	4
%SW5257			ON,,OFF,ON	Direct	R	R	4
%SW5258			ON,,OFF,ON	Direct	R	R	4
%SW5259			ON,,OFF,ON	Direct	R	R	4
%SW5260			ON,,OFF,ON	Direct	R	R	4
%SW5261			ON,,OFF,ON	Direct	R	R	4
%SW5262			ON,,OFF,ON	Direct	R	R	4
%SW5263			ON,,OFF,ON	Direct	R	R	4
%SW5264			ON,,OFF,ON	Direct	R	R	4
%SW5265			ON,,OFF,ON	Direct	R	R	4
%SW5266			ON,,OFF,ON	Direct	R	R	4
%SW5267			ON,,OFF,ON	Direct	R	R	4
%SW5268			ON,,OFF,ON	Direct	R	R	4
%SW5269			ON,,OFF,ON	Direct	R	R	4
%SW5270			ON,,OFF,ON	Direct	R	R	4
%SW5271			ON,,OFF,ON	Direct	R	R	4
%SW5272			ON,,OFF,ON	Direct	R	R	4
%SW5273			ON,,OFF,ON	Direct	R	R	4
%SW5274			ON,,OFF,ON	Direct	R	R	4
%SW5275			ON,,OFF,ON	Direct	R	R	4
%SW5276			ON,,OFF,ON	Direct	R	R	4
%SW5277			ON,,OFF,ON	Direct	R	R	4
%SW5278			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-6
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5279			ON,,OFF,ON	Direct	R	R	4
%SW5280			ON,,OFF,ON	Direct	R	R	4
%SW5281			ON,,OFF,ON	Direct	R	R	4
%SW5282			ON,,OFF,ON	Direct	R	R	4
%SW5283			ON,,OFF,ON	Direct	R	R	4
%SW5284			ON,,OFF,ON	Direct	R	R	4
%SW5285			ON,,OFF,ON	Direct	R	R	4
%SW5286			ON,,OFF,ON	Direct	R	R	4
%SW5287			ON,,OFF,ON	Direct	R	R	4
%SW5288			ON,,OFF,ON	Direct	R	R	4
%SW5289			ON,,OFF,ON	Direct	R	R	4
%SW5290			ON,,OFF,ON	Direct	R	R	4
%SW5291			ON,,OFF,ON	Direct	R	R	4
%SW5292			ON,,OFF,ON	Direct	R	R	4
%SW5293			ON,,OFF,ON	Direct	R	R	4
%SW5294			ON,,OFF,ON	Direct	R	R	4
%SW5295			ON,,OFF,ON	Direct	R	R	4
%SW5296			ON,,OFF,ON	Direct	R	R	4
%SW5297			ON,,OFF,ON	Direct	R	R	4
%SW5298			ON,,OFF,ON	Direct	R	R	4
%SW5299			ON,,OFF,ON	Direct	R	R	4
%SW5300			ON,,OFF,ON	Direct	R	R	4
%SW5301			ON,,OFF,ON	Direct	R	R	4
%SW5302			ON,,OFF,ON	Direct	R	R	4
%SW5303			ON,,OFF,ON	Direct	R	R	4
%SW5304			ON,,OFF,ON	Direct	R	R	4
%SW5305			ON,,OFF,ON	Direct	R	R	4
%SW5306			ON,,OFF,ON	Direct	R	R	4
%SW5307			ON,,OFF,ON	Direct	R	R	4
%SW5308			ON,,OFF,ON	Direct	R	R	4
%SW5309			ON,,OFF,ON	Direct	R	R	4
%SW5310			ON,,OFF,ON	Direct	R	R	4
%SW5311			ON,,OFF,ON	Direct	R	R	4
%SW5312			ON,,OFF,ON	Direct	R	R	4
%SW5313			ON,,OFF,ON	Direct	R	R	4
%SW5314			ON,,OFF,ON	Direct	R	R	4
%SW5315			ON,,OFF,ON	Direct	R	R	4
%SW5316			ON,,OFF,ON	Direct	R	R	4
%SW5317			ON,,OFF,ON	Direct	R	R	4
%SW5318			ON,,OFF,ON	Direct	R	R	4
%SW5319			ON,,OFF,ON	Direct	R	R	4
%SW5320			ON,,OFF,ON	Direct	R	R	4
%SW5321			ON,,OFF,ON	Direct	R	R	4
%SW5322			ON,,OFF,ON	Direct	R	R	4
%SW5323			ON,,OFF,ON	Direct	R	R	4
%SW5324			ON,,OFF,ON	Direct	R	R	4
%SW5325			ON,,OFF,ON	Direct	R	R	4
%SW5326			ON,,OFF,ON	Direct	R	R	4
%SW5327			ON,,OFF,ON	Direct	R	R	4
%SW5328			ON,,OFF,ON	Direct	R	R	4
%SW5329			ON,,OFF,ON	Direct	R	R	4
%SW5330			ON,,OFF,ON	Direct	R	R	4
%SW5331			ON,,OFF,ON	Direct	R	R	4
%SW5332			ON,,OFF,ON	Direct	R	R	4
%SW5333			ON,,OFF,ON	Direct	R	R	4
%SW5334			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-7
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5335			ON,,OFF,ON	Direct	R	R	4
%SW5336			ON,,OFF,ON	Direct	R	R	4
%SW5337			ON,,OFF,ON	Direct	R	R	4
%SW5338			ON,,OFF,ON	Direct	R	R	4
%SW5339			ON,,OFF,ON	Direct	R	R	4
%SW5340			ON,,OFF,ON	Direct	R	R	4
%SW5341			ON,,OFF,ON	Direct	R	R	4
%SW5342			ON,,OFF,ON	Direct	R	R	4
%SW5343			ON,,OFF,ON	Direct	R	R	4
%SW5344			ON,,OFF,ON	Direct	R	R	4
%SW5345			ON,,OFF,ON	Direct	R	R	4
%SW5346			ON,,OFF,ON	Direct	R	R	4
%SW5347			ON,,OFF,ON	Direct	R	R	4
%SW5348			ON,,OFF,ON	Direct	R	R	4
%SW5349			ON,,OFF,ON	Direct	R	R	4
%SW5350			ON,,OFF,ON	Direct	R	R	4
%SW5351			ON,,OFF,ON	Direct	R	R	4
%SW5352			ON,,OFF,ON	Direct	R	R	4
%SW5353			ON,,OFF,ON	Direct	R	R	4
%SW5354			ON,,OFF,ON	Direct	R	R	4
%SW5355			ON,,OFF,ON	Direct	R	R	4
%SW5356			ON,,OFF,ON	Direct	R	R	4
%SW5357			ON,,OFF,ON	Direct	R	R	4
%SW5358			ON,,OFF,ON	Direct	R	R	4
%SW5359			ON,,OFF,ON	Direct	R	R	4
%SW5360			ON,,OFF,ON	Direct	R	R	4
%SW5361			ON,,OFF,ON	Direct	R	R	4
%SW5362			ON,,OFF,ON	Direct	R	R	4
%SW5363			ON,,OFF,ON	Direct	R	R	4
%SW5364			ON,,OFF,ON	Direct	R	R	4
%SW5365			ON,,OFF,ON	Direct	R	R	4
%SW5366			ON,,OFF,ON	Direct	R	R	4
%SW5367			ON,,OFF,ON	Direct	R	R	4
%SW5368			ON,,OFF,ON	Direct	R	R	4
%SW5369			ON,,OFF,ON	Direct	R	R	4
%SW5370			ON,,OFF,ON	Direct	R	R	4
%SW5371			ON,,OFF,ON	Direct	R	R	4
%SW5372			ON,,OFF,ON	Direct	R	R	4
%SW5373			ON,,OFF,ON	Direct	R	R	4
%SW5374			ON,,OFF,ON	Direct	R	R	4
%SW5375			ON,,OFF,ON	Direct	R	R	4
%SW5376			ON,,OFF,ON	Direct	R	R	4
%SW5377			ON,,OFF,ON	Direct	R	R	4
%SW5378			ON,,OFF,ON	Direct	R	R	4
%SW5379			ON,,OFF,ON	Direct	R	R	4
%SW5380			ON,,OFF,ON	Direct	R	R	4
%SW5381			ON,,OFF,ON	Direct	R	R	4
%SW5382			ON,,OFF,ON	Direct	R	R	4
%SW5383			ON,,OFF,ON	Direct	R	R	4
%SW5384			ON,,OFF,ON	Direct	R	R	4
%SW5385			ON,,OFF,ON	Direct	R	R	4
%SW5386			ON,,OFF,ON	Direct	R	R	4
%SW5387			ON,,OFF,ON	Direct	R	R	4
%SW5388			ON,,OFF,ON	Direct	R	R	4
%SW5389			ON,,OFF,ON	Direct	R	R	4
%SW5390			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-8
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5391			ON,,OFF,ON	Direct	R	R	4
%SW5392			ON,,OFF,ON	Direct	R	R	4
%SW5393			ON,,OFF,ON	Direct	R	R	4
%SW5394			ON,,OFF,ON	Direct	R	R	4
%SW5395			ON,,OFF,ON	Direct	R	R	4
%SW5396			ON,,OFF,ON	Direct	R	R	4
%SW5397			ON,,OFF,ON	Direct	R	R	4
%SW5398			ON,,OFF,ON	Direct	R	R	4
%SW5399			ON,,OFF,ON	Direct	R	R	4
%SW5400			ON,,OFF,ON	Direct	R	R	4
%SW5401			ON,,OFF,ON	Direct	R	R	4
%SW5402			ON,,OFF,ON	Direct	R	R	4
%SW5403			ON,,OFF,ON	Direct	R	R	4
%SW5404			ON,,OFF,ON	Direct	R	R	4
%SW5405			ON,,OFF,ON	Direct	R	R	4
%SW5406			ON,,OFF,ON	Direct	R	R	4
%SW5407			ON,,OFF,ON	Direct	R	R	4
%SW5408			ON,,OFF,ON	Direct	R	R	4
%SW5409			ON,,OFF,ON	Direct	R	R	4
%SW5410			ON,,OFF,ON	Direct	R	R	4
%SW5411			ON,,OFF,ON	Direct	R	R	4
%SW5412			ON,,OFF,ON	Direct	R	R	4
%SW5413			ON,,OFF,ON	Direct	R	R	4
%SW5414			ON,,OFF,ON	Direct	R	R	4
%SW5415			ON,,OFF,ON	Direct	R	R	4
%SW5416			ON,,OFF,ON	Direct	R	R	4
%SW5417			ON,,OFF,ON	Direct	R	R	4
%SW5418			ON,,OFF,ON	Direct	R	R	4
%SW5419			ON,,OFF,ON	Direct	R	R	4
%SW5420			ON,,OFF,ON	Direct	R	R	4
%SW5421			ON,,OFF,ON	Direct	R	R	4
%SW5422			ON,,OFF,ON	Direct	R	R	4
%SW5423			ON,,OFF,ON	Direct	R	R	4
%SW5424			ON,,OFF,ON	Direct	R	R	4
%SW5425			ON,,OFF,ON	Direct	R	R	4
%SW5426			ON,,OFF,ON	Direct	R	R	4
%SW5427			ON,,OFF,ON	Direct	R	R	4
%SW5428			ON,,OFF,ON	Direct	R	R	4
%SW5429			ON,,OFF,ON	Direct	R	R	4
%SW5430			ON,,OFF,ON	Direct	R	R	4
%SW5431			ON,,OFF,ON	Direct	R	R	4
%SW5432			ON,,OFF,ON	Direct	R	R	4
%SW5433			ON,,OFF,ON	Direct	R	R	4
%SW5434			ON,,OFF,ON	Direct	R	R	4
%SW5435			ON,,OFF,ON	Direct	R	R	4
%SW5436			ON,,OFF,ON	Direct	R	R	4
%SW5437			ON,,OFF,ON	Direct	R	R	4
%SW5438			ON,,OFF,ON	Direct	R	R	4
%SW5439			ON,,OFF,ON	Direct	R	R	4
%SW5440			ON,,OFF,ON	Direct	R	R	4
%SW5441			ON,,OFF,ON	Direct	R	R	4
%SW5442			ON,,OFF,ON	Direct	R	R	4
%SW5443			ON,,OFF,ON	Direct	R	R	4
%SW5444			ON,,OFF,ON	Direct	R	R	4
%SW5445			ON,,OFF,ON	Direct	R	R	4
%SW5446			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-9
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5447			ON,,OFF,ON	Direct	R	R	4
%SW5448			ON,,OFF,ON	Direct	R	R	4
%SW5449			ON,,OFF,ON	Direct	R	R	4
%SW5450			ON,,OFF,ON	Direct	R	R	4
%SW5451			ON,,OFF,ON	Direct	R	R	4
%SW5452			ON,,OFF,ON	Direct	R	R	4
%SW5453			ON,,OFF,ON	Direct	R	R	4
%SW5454			ON,,OFF,ON	Direct	R	R	4
%SW5455			ON,,OFF,ON	Direct	R	R	4
%SW5456			ON,,OFF,ON	Direct	R	R	4
%SW5457			ON,,OFF,ON	Direct	R	R	4
%SW5458			ON,,OFF,ON	Direct	R	R	4
%SW5459			ON,,OFF,ON	Direct	R	R	4
%SW5460			ON,,OFF,ON	Direct	R	R	4
%SW5461			ON,,OFF,ON	Direct	R	R	4
%SW5462			ON,,OFF,ON	Direct	R	R	4
%SW5463			ON,,OFF,ON	Direct	R	R	4
%SW5464			ON,,OFF,ON	Direct	R	R	4
%SW5465			ON,,OFF,ON	Direct	R	R	4
%SW5466			ON,,OFF,ON	Direct	R	R	4
%SW5467			ON,,OFF,ON	Direct	R	R	4
%SW5468			ON,,OFF,ON	Direct	R	R	4
%SW5469			ON,,OFF,ON	Direct	R	R	4
%SW5470			ON,,OFF,ON	Direct	R	R	4
%SW5471			ON,,OFF,ON	Direct	R	R	4
%SW5472			ON,,OFF,ON	Direct	R	R	4
%SW5473			ON,,OFF,ON	Direct	R	R	4
%SW5474			ON,,OFF,ON	Direct	R	R	4
%SW5475			ON,,OFF,ON	Direct	R	R	4
%SW5476			ON,,OFF,ON	Direct	R	R	4
%SW5477			ON,,OFF,ON	Direct	R	R	4
%SW5478			ON,,OFF,ON	Direct	R	R	4
%SW5479			ON,,OFF,ON	Direct	R	R	4
%SW5480			ON,,OFF,ON	Direct	R	R	4
%SW5481			ON,,OFF,ON	Direct	R	R	4
%SW5482			ON,,OFF,ON	Direct	R	R	4
%SW5483			ON,,OFF,ON	Direct	R	R	4
%SW5484			ON,,OFF,ON	Direct	R	R	4
%SW5485			ON,,OFF,ON	Direct	R	R	4
%SW5486			ON,,OFF,ON	Direct	R	R	4
%SW5487			ON,,OFF,ON	Direct	R	R	4
%SW5488			ON,,OFF,ON	Direct	R	R	4
%SW5489			ON,,OFF,ON	Direct	R	R	4
%SW5490			ON,,OFF,ON	Direct	R	R	4
%SW5491			ON,,OFF,ON	Direct	R	R	4
%SW5492			ON,,OFF,ON	Direct	R	R	4
%SW5493			ON,,OFF,ON	Direct	R	R	4
%SW5494			ON,,OFF,ON	Direct	R	R	4
%SW5495			ON,,OFF,ON	Direct	R	R	4
%SW5496			ON,,OFF,ON	Direct	R	R	4
%SW5497			ON,,OFF,ON	Direct	R	R	4
%SW5498			ON,,OFF,ON	Direct	R	R	4
%SW5499			ON,,OFF,ON	Direct	R	R	4
%SW5500			ON,,OFF,ON	Direct	R	R	4
%SW5501			ON,,OFF,ON	Direct	R	R	4
%SW5502			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-10
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5503			ON,,OFF,ON	Direct	R	R	4
%SW5504			ON,,OFF,ON	Direct	R	R	4
%SW5505			ON,,OFF,ON	Direct	R	R	4
%SW5506			ON,,OFF,ON	Direct	R	R	4
%SW5507			ON,,OFF,ON	Direct	R	R	4
%SW5508			ON,,OFF,ON	Direct	R	R	4
%SW5509			ON,,OFF,ON	Direct	R	R	4
%SW5510			ON,,OFF,ON	Direct	R	R	4
%SW5511			ON,,OFF,ON	Direct	R	R	4
%SW5512			ON,,OFF,ON	Direct	R	R	4
%SW5513			ON,,OFF,ON	Direct	R	R	4
%SW5514			ON,,OFF,ON	Direct	R	R	4
%SW5515			ON,,OFF,ON	Direct	R	R	4
%SW5516			ON,,OFF,ON	Direct	R	R	4
%SW5517			ON,,OFF,ON	Direct	R	R	4
%SW5518			ON,,OFF,ON	Direct	R	R	4
%SW5519			ON,,OFF,ON	Direct	R	R	4
%SW5520			ON,,OFF,ON	Direct	R	R	4
%SW5521			ON,,OFF,ON	Direct	R	R	4
%SW5522			ON,,OFF,ON	Direct	R	R	4
%SW5523			ON,,OFF,ON	Direct	R	R	4
%SW5524			ON,,OFF,ON	Direct	R	R	4
%SW5525			ON,,OFF,ON	Direct	R	R	4
%SW5526			ON,,OFF,ON	Direct	R	R	4
%SW5527			ON,,OFF,ON	Direct	R	R	4
%SW5528			ON,,OFF,ON	Direct	R	R	4
%SW5529			ON,,OFF,ON	Direct	R	R	4
%SW5530			ON,,OFF,ON	Direct	R	R	4
%SW5531			ON,,OFF,ON	Direct	R	R	4
%SW5532			ON,,OFF,ON	Direct	R	R	4
%SW5533			ON,,OFF,ON	Direct	R	R	4
%SW5534			ON,,OFF,ON	Direct	R	R	4
%SW5535			ON,,OFF,ON	Direct	R	R	4
%SW5536			ON,,OFF,ON	Direct	R	R	4
%SW5537			ON,,OFF,ON	Direct	R	R	4
%SW5538			ON,,OFF,ON	Direct	R	R	4
%SW5539			ON,,OFF,ON	Direct	R	R	4
%SW5540			ON,,OFF,ON	Direct	R	R	4
%SW5541			ON,,OFF,ON	Direct	R	R	4
%SW5542			ON,,OFF,ON	Direct	R	R	4
%SW5543			ON,,OFF,ON	Direct	R	R	4
%SW5544			ON,,OFF,ON	Direct	R	R	4
%SW5545			ON,,OFF,ON	Direct	R	R	4
%SW5546			ON,,OFF,ON	Direct	R	R	4
%SW5547			ON,,OFF,ON	Direct	R	R	4
%SW5548			ON,,OFF,ON	Direct	R	R	4
%SW5549			ON,,OFF,ON	Direct	R	R	4
%SW5550			ON,,OFF,ON	Direct	R	R	4
%SW5551			ON,,OFF,ON	Direct	R	R	4
%SW5552			ON,,OFF,ON	Direct	R	R	4
%SW5553			ON,,OFF,ON	Direct	R	R	4
%SW5554			ON,,OFF,ON	Direct	R	R	4
%SW5555			ON,,OFF,ON	Direct	R	R	4
%SW5556			ON,,OFF,ON	Direct	R	R	4
%SW5557			ON,,OFF,ON	Direct	R	R	4
%SW5558			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-11
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5559			ON,,OFF,ON	Direct	R	R	4
%SW5560			ON,,OFF,ON	Direct	R	R	4
%SW5561			ON,,OFF,ON	Direct	R	R	4
%SW5562			ON,,OFF,ON	Direct	R	R	4
%SW5563			ON,,OFF,ON	Direct	R	R	4
%SW5564			ON,,OFF,ON	Direct	R	R	4
%SW5565			ON,,OFF,ON	Direct	R	R	4
%SW5566			ON,,OFF,ON	Direct	R	R	4
%SW5567			ON,,OFF,ON	Direct	R	R	4
%SW5568			ON,,OFF,ON	Direct	R	R	4
%SW5569			ON,,OFF,ON	Direct	R	R	4
%SW5570			ON,,OFF,ON	Direct	R	R	4
%SW5571			ON,,OFF,ON	Direct	R	R	4
%SW5572			ON,,OFF,ON	Direct	R	R	4
%SW5573			ON,,OFF,ON	Direct	R	R	4
%SW5574			ON,,OFF,ON	Direct	R	R	4
%SW5575			ON,,OFF,ON	Direct	R	R	4
%SW5576			ON,,OFF,ON	Direct	R	R	4
%SW5577			ON,,OFF,ON	Direct	R	R	4
%SW5578			ON,,OFF,ON	Direct	R	R	4
%SW5579			ON,,OFF,ON	Direct	R	R	4
%SW5580			ON,,OFF,ON	Direct	R	R	4
%SW5581			ON,,OFF,ON	Direct	R	R	4
%SW5582			ON,,OFF,ON	Direct	R	R	4
%SW5583			ON,,OFF,ON	Direct	R	R	4
%SW5584			ON,,OFF,ON	Direct	R	R	4
%SW5585			ON,,OFF,ON	Direct	R	R	4
%SW5586			ON,,OFF,ON	Direct	R	R	4
%SW5587			ON,,OFF,ON	Direct	R	R	4
%SW5588			ON,,OFF,ON	Direct	R	R	4
%SW5589			ON,,OFF,ON	Direct	R	R	4
%SW5590			ON,,OFF,ON	Direct	R	R	4
%SW5591			ON,,OFF,ON	Direct	R	R	4
%SW5592			ON,,OFF,ON	Direct	R	R	4
%SW5593			ON,,OFF,ON	Direct	R	R	4
%SW5594			ON,,OFF,ON	Direct	R	R	4
%SW5595			ON,,OFF,ON	Direct	R	R	4
%SW5596			ON,,OFF,ON	Direct	R	R	4
%SW5597			ON,,OFF,ON	Direct	R	R	4
%SW5598			ON,,OFF,ON	Direct	R	R	4
%SW5599			ON,,OFF,ON	Direct	R	R	4
%SW5600			ON,,OFF,ON	Direct	R	R	4
%SW5601			ON,,OFF,ON	Direct	R	R	4
%SW5602			ON,,OFF,ON	Direct	R	R	4
%SW5603			ON,,OFF,ON	Direct	R	R	4
%SW5604			ON,,OFF,ON	Direct	R	R	4
%SW5605			ON,,OFF,ON	Direct	R	R	4
%SW5606			ON,,OFF,ON	Direct	R	R	4
%SW5607			ON,,OFF,ON	Direct	R	R	4
%SW5608			ON,,OFF,ON	Direct	R	R	4
%SW5609			ON,,OFF,ON	Direct	R	R	4
%SW5610			ON,,OFF,ON	Direct	R	R	4
%SW5611			ON,,OFF,ON	Direct	R	R	4
%SW5612			ON,,OFF,ON	Direct	R	R	4
%SW5613			ON,,OFF,ON	Direct	R	R	4
%SW5614			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-12
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5615			ON,,OFF,ON	Direct	R	R	4
%SW5616			ON,,OFF,ON	Direct	R	R	4
%SW5617			ON,,OFF,ON	Direct	R	R	4
%SW5618			ON,,OFF,ON	Direct	R	R	4
%SW5619			ON,,OFF,ON	Direct	R	R	4
%SW5620			ON,,OFF,ON	Direct	R	R	4
%SW5621			ON,,OFF,ON	Direct	R	R	4
%SW5622			ON,,OFF,ON	Direct	R	R	4
%SW5623			ON,,OFF,ON	Direct	R	R	4
%SW5624			ON,,OFF,ON	Direct	R	R	4
%SW5625			ON,,OFF,ON	Direct	R	R	4
%SW5626			ON,,OFF,ON	Direct	R	R	4
%SW5627			ON,,OFF,ON	Direct	R	R	4
%SW5628			ON,,OFF,ON	Direct	R	R	4
%SW5629			ON,,OFF,ON	Direct	R	R	4
%SW5630			ON,,OFF,ON	Direct	R	R	4
%SW5631			ON,,OFF,ON	Direct	R	R	4
%SW5632			ON,,OFF,ON	Direct	R	R	4
%SW5633			ON,,OFF,ON	Direct	R	R	4
%SW5634			ON,,OFF,ON	Direct	R	R	4
%SW5635			ON,,OFF,ON	Direct	R	R	4
%SW5636			ON,,OFF,ON	Direct	R	R	4
%SW5637			ON,,OFF,ON	Direct	R	R	4
%SW5638			ON,,OFF,ON	Direct	R	R	4
%SW5639			ON,,OFF,ON	Direct	R	R	4
%SW5640			ON,,OFF,ON	Direct	R	R	4
%SW5641			ON,,OFF,ON	Direct	R	R	4
%SW5642			ON,,OFF,ON	Direct	R	R	4
%SW5643			ON,,OFF,ON	Direct	R	R	4
%SW5644			ON,,OFF,ON	Direct	R	R	4
%SW5645			ON,,OFF,ON	Direct	R	R	4
%SW5646			ON,,OFF,ON	Direct	R	R	4
%SW5647			ON,,OFF,ON	Direct	R	R	4
%SW5648			ON,,OFF,ON	Direct	R	R	4
%SW5649			ON,,OFF,ON	Direct	R	R	4
%SW5650			ON,,OFF,ON	Direct	R	R	4
%SW5651			ON,,OFF,ON	Direct	R	R	4
%SW5652			ON,,OFF,ON	Direct	R	R	4
%SW5653			ON,,OFF,ON	Direct	R	R	4
%SW5654			ON,,OFF,ON	Direct	R	R	4
%SW5655			ON,,OFF,ON	Direct	R	R	4
%SW5656			ON,,OFF,ON	Direct	R	R	4
%SW5657			ON,,OFF,ON	Direct	R	R	4
%SW5658			ON,,OFF,ON	Direct	R	R	4
%SW5659			ON,,OFF,ON	Direct	R	R	4
%SW5660			ON,,OFF,ON	Direct	R	R	4
%SW5661			ON,,OFF,ON	Direct	R	R	4
%SW5662			ON,,OFF,ON	Direct	R	R	4
%SW5663			ON,,OFF,ON	Direct	R	R	4
%SW5664			ON,,OFF,ON	Direct	R	R	4
%SW5665			ON,,OFF,ON	Direct	R	R	4
%SW5666			ON,,OFF,ON	Direct	R	R	4
%SW5667			ON,,OFF,ON	Direct	R	R	4
%SW5668			ON,,OFF,ON	Direct	R	R	4
%SW5669			ON,,OFF,ON	Direct	R	R	4
%SW5670			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-13
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5671			ON,,OFF,ON	Direct	R	R	4
%SW5672			ON,,OFF,ON	Direct	R	R	4
%SW5673			ON,,OFF,ON	Direct	R	R	4
%SW5674			ON,,OFF,ON	Direct	R	R	4
%SW5675			ON,,OFF,ON	Direct	R	R	4
%SW5676			ON,,OFF,ON	Direct	R	R	4
%SW5677			ON,,OFF,ON	Direct	R	R	4
%SW5678			ON,,OFF,ON	Direct	R	R	4
%SW5679			ON,,OFF,ON	Direct	R	R	4
%SW5680			ON,,OFF,ON	Direct	R	R	4
%SW5681			ON,,OFF,ON	Direct	R	R	4
%SW5682			ON,,OFF,ON	Direct	R	R	4
%SW5683			ON,,OFF,ON	Direct	R	R	4
%SW5684			ON,,OFF,ON	Direct	R	R	4
%SW5685			ON,,OFF,ON	Direct	R	R	4
%SW5686			ON,,OFF,ON	Direct	R	R	4
%SW5687			ON,,OFF,ON	Direct	R	R	4
%SW5688			ON,,OFF,ON	Direct	R	R	4
%SW5689			ON,,OFF,ON	Direct	R	R	4
%SW5690			ON,,OFF,ON	Direct	R	R	4
%SW5691			ON,,OFF,ON	Direct	R	R	4
%SW5692			ON,,OFF,ON	Direct	R	R	4
%SW5693			ON,,OFF,ON	Direct	R	R	4
%SW5694			ON,,OFF,ON	Direct	R	R	4
%SW5695			ON,,OFF,ON	Direct	R	R	4
%SW5696			ON,,OFF,ON	Direct	R	R	4
%SW5697			ON,,OFF,ON	Direct	R	R	4
%SW5698			ON,,OFF,ON	Direct	R	R	4
%SW5699			ON,,OFF,ON	Direct	R	R	4
%SW5700			ON,,OFF,ON	Direct	R	R	4
%SW5701			ON,,OFF,ON	Direct	R	R	4
%SW5702			ON,,OFF,ON	Direct	R	R	4
%SW5703			ON,,OFF,ON	Direct	R	R	4
%SW5704			ON,,OFF,ON	Direct	R	R	4
%SW5705			ON,,OFF,ON	Direct	R	R	4
%SW5706			ON,,OFF,ON	Direct	R	R	4
%SW5707			ON,,OFF,ON	Direct	R	R	4
%SW5708			ON,,OFF,ON	Direct	R	R	4
%SW5709			ON,,OFF,ON	Direct	R	R	4
%SW5710			ON,,OFF,ON	Direct	R	R	4
%SW5711			ON,,OFF,ON	Direct	R	R	4
%SW5712			ON,,OFF,ON	Direct	R	R	4
%SW5713			ON,,OFF,ON	Direct	R	R	4
%SW5714			ON,,OFF,ON	Direct	R	R	4
%SW5715			ON,,OFF,ON	Direct	R	R	4
%SW5716			ON,,OFF,ON	Direct	R	R	4
%SW5717			ON,,OFF,ON	Direct	R	R	4
%SW5718			ON,,OFF,ON	Direct	R	R	4
%SW5719			ON,,OFF,ON	Direct	R	R	4
%SW5720			ON,,OFF,ON	Direct	R	R	4
%SW5721			ON,,OFF,ON	Direct	R	R	4
%SW5722			ON,,OFF,ON	Direct	R	R	4
%SW5723			ON,,OFF,ON	Direct	R	R	4
%SW5724			ON,,OFF,ON	Direct	R	R	4
%SW5725			ON,,OFF,ON	Direct	R	R	4
%SW5726			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-14
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5727			ON,,OFF,ON	Direct	R	R	4
%SW5728			ON,,OFF,ON	Direct	R	R	4
%SW5729			ON,,OFF,ON	Direct	R	R	4
%SW5730			ON,,OFF,ON	Direct	R	R	4
%SW5731			ON,,OFF,ON	Direct	R	R	4
%SW5732			ON,,OFF,ON	Direct	R	R	4
%SW5733			ON,,OFF,ON	Direct	R	R	4
%SW5734			ON,,OFF,ON	Direct	R	R	4
%SW5735			ON,,OFF,ON	Direct	R	R	4
%SW5736			ON,,OFF,ON	Direct	R	R	4
%SW5737			ON,,OFF,ON	Direct	R	R	4
%SW5738			ON,,OFF,ON	Direct	R	R	4
%SW5739			ON,,OFF,ON	Direct	R	R	4
%SW5740			ON,,OFF,ON	Direct	R	R	4
%SW5741			ON,,OFF,ON	Direct	R	R	4
%SW5742			ON,,OFF,ON	Direct	R	R	4
%SW5743			ON,,OFF,ON	Direct	R	R	4
%SW5744			ON,,OFF,ON	Direct	R	R	4
%SW5745			ON,,OFF,ON	Direct	R	R	4
%SW5746			ON,,OFF,ON	Direct	R	R	4
%SW5747			ON,,OFF,ON	Direct	R	R	4
%SW5748			ON,,OFF,ON	Direct	R	R	4
%SW5749			ON,,OFF,ON	Direct	R	R	4
%SW5750			ON,,OFF,ON	Direct	R	R	4
%SW5751			ON,,OFF,ON	Direct	R	R	4
%SW5752			ON,,OFF,ON	Direct	R	R	4
%SW5753			ON,,OFF,ON	Direct	R	R	4
%SW5754			ON,,OFF,ON	Direct	R	R	4
%SW5755			ON,,OFF,ON	Direct	R	R	4
%SW5756			ON,,OFF,ON	Direct	R	R	4
%SW5757			ON,,OFF,ON	Direct	R	R	4
%SW5758			ON,,OFF,ON	Direct	R	R	4
%SW5759			ON,,OFF,ON	Direct	R	R	4
%SW5760			ON,,OFF,ON	Direct	R	R	4
%SW5761			ON,,OFF,ON	Direct	R	R	4
%SW5762			ON,,OFF,ON	Direct	R	R	4
%SW5763			ON,,OFF,ON	Direct	R	R	4
%SW5764			ON,,OFF,ON	Direct	R	R	4
%SW5765			ON,,OFF,ON	Direct	R	R	4
%SW5766			ON,,OFF,ON	Direct	R	R	4
%SW5767			ON,,OFF,ON	Direct	R	R	4
%SW5768			ON,,OFF,ON	Direct	R	R	4
%SW5769			ON,,OFF,ON	Direct	R	R	4
%SW5770			ON,,OFF,ON	Direct	R	R	4
%SW5771			ON,,OFF,ON	Direct	R	R	4
%SW5772			ON,,OFF,ON	Direct	R	R	4
%SW5773			ON,,OFF,ON	Direct	R	R	4
%SW5774			ON,,OFF,ON	Direct	R	R	4
%SW5775			ON,,OFF,ON	Direct	R	R	4
%SW5776			ON,,OFF,ON	Direct	R	R	4
%SW5777			ON,,OFF,ON	Direct	R	R	4
%SW5778			ON,,OFF,ON	Direct	R	R	4
%SW5779			ON,,OFF,ON	Direct	R	R	4
%SW5780			ON,,OFF,ON	Direct	R	R	4
%SW5781			ON,,OFF,ON	Direct	R	R	4
%SW5782			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-15
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5783			ON,,OFF,ON	Direct	R	R	4
%SW5784			ON,,OFF,ON	Direct	R	R	4
%SW5785			ON,,OFF,ON	Direct	R	R	4
%SW5786			ON,,OFF,ON	Direct	R	R	4
%SW5787			ON,,OFF,ON	Direct	R	R	4
%SW5788			ON,,OFF,ON	Direct	R	R	4
%SW5789			ON,,OFF,ON	Direct	R	R	4
%SW5790			ON,,OFF,ON	Direct	R	R	4
%SW5791			ON,,OFF,ON	Direct	R	R	4
%SW5792			ON,,OFF,ON	Direct	R	R	4
%SW5793			ON,,OFF,ON	Direct	R	R	4
%SW5794			ON,,OFF,ON	Direct	R	R	4
%SW5795			ON,,OFF,ON	Direct	R	R	4
%SW5796			ON,,OFF,ON	Direct	R	R	4
%SW5797			ON,,OFF,ON	Direct	R	R	4
%SW5798			ON,,OFF,ON	Direct	R	R	4
%SW5799			ON,,OFF,ON	Direct	R	R	4
%SW5800			ON,,OFF,ON	Direct	R	R	4
%SW5801			ON,,OFF,ON	Direct	R	R	4
%SW5802			ON,,OFF,ON	Direct	R	R	4
%SW5803			ON,,OFF,ON	Direct	R	R	4
%SW5804			ON,,OFF,ON	Direct	R	R	4
%SW5805			ON,,OFF,ON	Direct	R	R	4
%SW5806			ON,,OFF,ON	Direct	R	R	4
%SW5807			ON,,OFF,ON	Direct	R	R	4
%SW5808			ON,,OFF,ON	Direct	R	R	4
%SW5809			ON,,OFF,ON	Direct	R	R	4
%SW5810			ON,,OFF,ON	Direct	R	R	4
%SW5811			ON,,OFF,ON	Direct	R	R	4
%SW5812			ON,,OFF,ON	Direct	R	R	4
%SW5813			ON,,OFF,ON	Direct	R	R	4
%SW5814			ON,,OFF,ON	Direct	R	R	4
%SW5815			ON,,OFF,ON	Direct	R	R	4
%SW5816			ON,,OFF,ON	Direct	R	R	4
%SW5817			ON,,OFF,ON	Direct	R	R	4
%SW5818			ON,,OFF,ON	Direct	R	R	4
%SW5819			ON,,OFF,ON	Direct	R	R	4
%SW5820			ON,,OFF,ON	Direct	R	R	4
%SW5821			ON,,OFF,ON	Direct	R	R	4
%SW5822			ON,,OFF,ON	Direct	R	R	4
%SW5823			ON,,OFF,ON	Direct	R	R	4
%SW5824			ON,,OFF,ON	Direct	R	R	4
%SW5825			ON,,OFF,ON	Direct	R	R	4
%SW5826			ON,,OFF,ON	Direct	R	R	4
%SW5827			ON,,OFF,ON	Direct	R	R	4
%SW5828			ON,,OFF,ON	Direct	R	R	4
%SW5829			ON,,OFF,ON	Direct	R	R	4
%SW5830			ON,,OFF,ON	Direct	R	R	4
%SW5831			ON,,OFF,ON	Direct	R	R	4
%SW5832			ON,,OFF,ON	Direct	R	R	4
%SW5833			ON,,OFF,ON	Direct	R	R	4
%SW5834			ON,,OFF,ON	Direct	R	R	4
%SW5835			ON,,OFF,ON	Direct	R	R	4
%SW5836			ON,,OFF,ON	Direct	R	R	4
%SW5837			ON,,OFF,ON	Direct	R	R	4
%SW5838			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-16
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5839			ON,,OFF,ON	Direct	R	R	4
%SW5840			ON,,OFF,ON	Direct	R	R	4
%SW5841			ON,,OFF,ON	Direct	R	R	4
%SW5842			ON,,OFF,ON	Direct	R	R	4
%SW5843			ON,,OFF,ON	Direct	R	R	4
%SW5844			ON,,OFF,ON	Direct	R	R	4
%SW5845			ON,,OFF,ON	Direct	R	R	4
%SW5846			ON,,OFF,ON	Direct	R	R	4
%SW5847			ON,,OFF,ON	Direct	R	R	4
%SW5848			ON,,OFF,ON	Direct	R	R	4
%SW5849			ON,,OFF,ON	Direct	R	R	4
%SW5850			ON,,OFF,ON	Direct	R	R	4
%SW5851			ON,,OFF,ON	Direct	R	R	4
%SW5852			ON,,OFF,ON	Direct	R	R	4
%SW5853			ON,,OFF,ON	Direct	R	R	4
%SW5854			ON,,OFF,ON	Direct	R	R	4
%SW5855			ON,,OFF,ON	Direct	R	R	4
%SW5856			ON,,OFF,ON	Direct	R	R	4
%SW5857			ON,,OFF,ON	Direct	R	R	4
%SW5858			ON,,OFF,ON	Direct	R	R	4
%SW5859			ON,,OFF,ON	Direct	R	R	4
%SW5860			ON,,OFF,ON	Direct	R	R	4
%SW5861			ON,,OFF,ON	Direct	R	R	4
%SW5862			ON,,OFF,ON	Direct	R	R	4
%SW5863			ON,,OFF,ON	Direct	R	R	4
%SW5864			ON,,OFF,ON	Direct	R	R	4
%SW5865			ON,,OFF,ON	Direct	R	R	4
%SW5866			ON,,OFF,ON	Direct	R	R	4
%SW5867			ON,,OFF,ON	Direct	R	R	4
%SW5868			ON,,OFF,ON	Direct	R	R	4
%SW5869			ON,,OFF,ON	Direct	R	R	4
%SW5870			ON,,OFF,ON	Direct	R	R	4
%SW5871			ON,,OFF,ON	Direct	R	R	4
%SW5872			ON,,OFF,ON	Direct	R	R	4
%SW5873			ON,,OFF,ON	Direct	R	R	4
%SW5874			ON,,OFF,ON	Direct	R	R	4
%SW5875			ON,,OFF,ON	Direct	R	R	4
%SW5876			ON,,OFF,ON	Direct	R	R	4
%SW5877			ON,,OFF,ON	Direct	R	R	4
%SW5878			ON,,OFF,ON	Direct	R	R	4
%SW5879			ON,,OFF,ON	Direct	R	R	4
%SW5880			ON,,OFF,ON	Direct	R	R	4
%SW5881			ON,,OFF,ON	Direct	R	R	4
%SW5882			ON,,OFF,ON	Direct	R	R	4
%SW5883			ON,,OFF,ON	Direct	R	R	4
%SW5884			ON,,OFF,ON	Direct	R	R	4
%SW5885			ON,,OFF,ON	Direct	R	R	4
%SW5886			ON,,OFF,ON	Direct	R	R	4
%SW5887			ON,,OFF,ON	Direct	R	R	4
%SW5888			ON,,OFF,ON	Direct	R	R	4
%SW5889			ON,,OFF,ON	Direct	R	R	4
%SW5890			ON,,OFF,ON	Direct	R	R	4
%SW5891			ON,,OFF,ON	Direct	R	R	4
%SW5892			ON,,OFF,ON	Direct	R	R	4
%SW5893			ON,,OFF,ON	Direct	R	R	4
%SW5894			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-17
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5895			ON,,OFF,ON	Direct	R	R	4
%SW5896			ON,,OFF,ON	Direct	R	R	4
%SW5897			ON,,OFF,ON	Direct	R	R	4
%SW5898			ON,,OFF,ON	Direct	R	R	4
%SW5899			ON,,OFF,ON	Direct	R	R	4
%SW5900			ON,,OFF,ON	Direct	R	R	4
%SW5901			ON,,OFF,ON	Direct	R	R	4
%SW5902			ON,,OFF,ON	Direct	R	R	4
%SW5903			ON,,OFF,ON	Direct	R	R	4
%SW5904			ON,,OFF,ON	Direct	R	R	4
%SW5905			ON,,OFF,ON	Direct	R	R	4
%SW5906			ON,,OFF,ON	Direct	R	R	4
%SW5907			ON,,OFF,ON	Direct	R	R	4
%SW5908			ON,,OFF,ON	Direct	R	R	4
%SW5909			ON,,OFF,ON	Direct	R	R	4
%SW5910			ON,,OFF,ON	Direct	R	R	4
%SW5911			ON,,OFF,ON	Direct	R	R	4
%SW5912			ON,,OFF,ON	Direct	R	R	4
%SW5913			ON,,OFF,ON	Direct	R	R	4
%SW5914			ON,,OFF,ON	Direct	R	R	4
%SW5915			ON,,OFF,ON	Direct	R	R	4
%SW5916			ON,,OFF,ON	Direct	R	R	4
%SW5917			ON,,OFF,ON	Direct	R	R	4
%SW5918			ON,,OFF,ON	Direct	R	R	4
%SW5919			ON,,OFF,ON	Direct	R	R	4
%SW5920			ON,,OFF,ON	Direct	R	R	4
%SW5921			ON,,OFF,ON	Direct	R	R	4
%SW5922			ON,,OFF,ON	Direct	R	R	4
%SW5923			ON,,OFF,ON	Direct	R	R	4
%SW5924			ON,,OFF,ON	Direct	R	R	4
%SW5925			ON,,OFF,ON	Direct	R	R	4
%SW5926			ON,,OFF,ON	Direct	R	R	4
%SW5927			ON,,OFF,ON	Direct	R	R	4
%SW5928			ON,,OFF,ON	Direct	R	R	4
%SW5929			ON,,OFF,ON	Direct	R	R	4
%SW5930			ON,,OFF,ON	Direct	R	R	4
%SW5931			ON,,OFF,ON	Direct	R	R	4
%SW5932			ON,,OFF,ON	Direct	R	R	4
%SW5933			ON,,OFF,ON	Direct	R	R	4
%SW5934			ON,,OFF,ON	Direct	R	R	4
%SW5935			ON,,OFF,ON	Direct	R	R	4
%SW5936			ON,,OFF,ON	Direct	R	R	4
%SW5937			ON,,OFF,ON	Direct	R	R	4
%SW5938			ON,,OFF,ON	Direct	R	R	4
%SW5939			ON,,OFF,ON	Direct	R	R	4
%SW5940			ON,,OFF,ON	Direct	R	R	4
%SW5941			ON,,OFF,ON	Direct	R	R	4
%SW5942			ON,,OFF,ON	Direct	R	R	4
%SW5943			ON,,OFF,ON	Direct	R	R	4
%SW5944			ON,,OFF,ON	Direct	R	R	4
%SW5945			ON,,OFF,ON	Direct	R	R	4
%SW5946			ON,,OFF,ON	Direct	R	R	4
%SW5947			ON,,OFF,ON	Direct	R	R	4
%SW5948			ON,,OFF,ON	Direct	R	R	4
%SW5949			ON,,OFF,ON	Direct	R	R	4
%SW5950			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef6.edf	SHEET:		YOKOGAWA	PAGE:3-16-18
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Common switch6	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW5951			ON,,OFF,ON	Direct	R	R	4
%SW5952			ON,,OFF,ON	Direct	R	R	4
%SW5953			ON,,OFF,ON	Direct	R	R	4
%SW5954			ON,,OFF,ON	Direct	R	R	4
%SW5955			ON,,OFF,ON	Direct	R	R	4
%SW5956			ON,,OFF,ON	Direct	R	R	4
%SW5957			ON,,OFF,ON	Direct	R	R	4
%SW5958			ON,,OFF,ON	Direct	R	R	4
%SW5959			ON,,OFF,ON	Direct	R	R	4
%SW5960			ON,,OFF,ON	Direct	R	R	4
%SW5961			ON,,OFF,ON	Direct	R	R	4
%SW5962			ON,,OFF,ON	Direct	R	R	4
%SW5963			ON,,OFF,ON	Direct	R	R	4
%SW5964			ON,,OFF,ON	Direct	R	R	4
%SW5965			ON,,OFF,ON	Direct	R	R	4
%SW5966			ON,,OFF,ON	Direct	R	R	4
%SW5967			ON,,OFF,ON	Direct	R	R	4
%SW5968			ON,,OFF,ON	Direct	R	R	4
%SW5969			ON,,OFF,ON	Direct	R	R	4
%SW5970			ON,,OFF,ON	Direct	R	R	4
%SW5971			ON,,OFF,ON	Direct	R	R	4
%SW5972			ON,,OFF,ON	Direct	R	R	4
%SW5973			ON,,OFF,ON	Direct	R	R	4
%SW5974			ON,,OFF,ON	Direct	R	R	4
%SW5975			ON,,OFF,ON	Direct	R	R	4
%SW5976			ON,,OFF,ON	Direct	R	R	4
%SW5977			ON,,OFF,ON	Direct	R	R	4
%SW5978			ON,,OFF,ON	Direct	R	R	4
%SW5979			ON,,OFF,ON	Direct	R	R	4
%SW5980			ON,,OFF,ON	Direct	R	R	4
%SW5981			ON,,OFF,ON	Direct	R	R	4
%SW5982			ON,,OFF,ON	Direct	R	R	4
%SW5983			ON,,OFF,ON	Direct	R	R	4
%SW5984			ON,,OFF,ON	Direct	R	R	4
%SW5985			ON,,OFF,ON	Direct	R	R	4
%SW5986			ON,,OFF,ON	Direct	R	R	4
%SW5987			ON,,OFF,ON	Direct	R	R	4
%SW5988			ON,,OFF,ON	Direct	R	R	4
%SW5989			ON,,OFF,ON	Direct	R	R	4
%SW5990			ON,,OFF,ON	Direct	R	R	4
%SW5991			ON,,OFF,ON	Direct	R	R	4
%SW5992			ON,,OFF,ON	Direct	R	R	4
%SW5993			ON,,OFF,ON	Direct	R	R	4
%SW5994			ON,,OFF,ON	Direct	R	R	4
%SW5995			ON,,OFF,ON	Direct	R	R	4
%SW5996			ON,,OFF,ON	Direct	R	R	4
%SW5997			ON,,OFF,ON	Direct	R	R	4
%SW5998			ON,,OFF,ON	Direct	R	R	4
%SW5999			ON,,OFF,ON	Direct	R	R	4
%SW6000			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-1
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Common Switch Builder

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6001			ON,,OFF,ON	Direct	G	R	4
%SW6002			ON,,OFF,ON	Direct	G	R	4
%SW6003	87LDSH-001	LOAD SHEDDING-1	ON,,OFF,ON	Direct	G	R	4
%SW6004	87LDSH-002	LOAD SHEDDING-2	ON,,OFF,ON	Direct	G	R	4
%SW6005			ON,,OFF,ON	Direct	G	R	4
%SW6006			ON,,OFF,ON	Direct	G	R	4
%SW6007			ON,,OFF,ON	Direct	G	R	4
%SW6008			ON,,OFF,ON	Direct	G	R	4
%SW6009			ON,,OFF,ON	Direct	G	R	4
%SW6010			ON,,OFF,ON	Direct	G	R	4
%SW6011			ON,,OFF,ON	Direct	G	R	4
%SW6012			ON,,OFF,ON	Direct	G	R	4
%SW6013			ON,,OFF,ON	Direct	G	R	4
%SW6014			ON,,OFF,ON	Direct	G	R	4
%SW6015			ON,,OFF,ON	Direct	G	R	4
%SW6016			ON,,OFF,ON	Direct	G	R	4
%SW6017			ON,,OFF,ON	Direct	G	R	4
%SW6018			ON,,OFF,ON	Direct	G	R	4
%SW6019			ON,,OFF,ON	Direct	G	R	4
%SW6020			ON,,OFF,ON	Direct	G	R	4
%SW6021			ON,,OFF,ON	Direct	G	R	4
%SW6022			ON,,OFF,ON	Direct	G	R	4
%SW6023			ON,,OFF,ON	Direct	G	R	4
%SW6024			ON,,OFF,ON	Direct	G	R	4
%SW6025			ON,,OFF,ON	Direct	G	R	4
%SW6026			ON,,OFF,ON	Direct	G	R	4
%SW6027			ON,,OFF,ON	Direct	G	R	4
%SW6028			ON,,OFF,ON	Direct	G	R	4
%SW6029			ON,,OFF,ON	Direct	G	R	4
%SW6030			ON,,OFF,ON	Direct	G	R	4
%SW6031			ON,,OFF,ON	Direct	G	R	4
%SW6032			ON,,OFF,ON	Direct	G	R	4
%SW6033			ON,,OFF,ON	Direct	G	R	4
%SW6034			ON,,OFF,ON	Direct	G	R	4
%SW6035			ON,,OFF,ON	Direct	G	R	4
%SW6036			ON,,OFF,ON	Direct	G	R	4
%SW6037			ON,,OFF,ON	Direct	G	R	4
%SW6038			ON,,OFF,ON	Direct	G	R	4
%SW6039			ON,,OFF,ON	Direct	G	R	4
%SW6040			ON,,OFF,ON	Direct	G	R	4
%SW6041			ON,,OFF,ON	Direct	G	R	4
%SW6042			ON,,OFF,ON	Direct	G	R	4
%SW6043			ON,,OFF,ON	Direct	G	R	4
%SW6044			ON,,OFF,ON	Direct	G	R	4
%SW6045			ON,,OFF,ON	Direct	G	R	4
%SW6046			ON,,OFF,ON	Direct	G	R	4
%SW6047			ON,,OFF,ON	Direct	G	R	4
%SW6048			ON,,OFF,ON	Direct	G	R	4
%SW6049			ON,,OFF,ON	Direct	G	R	4
%SW6050			ON,,OFF,ON	Direct	G	R	4
%SW6051			ON,,OFF,ON	Direct	G	R	4
%SW6052			ON,,OFF,ON	Direct	G	R	4
%SW6053			ON,,OFF,ON	Direct	G	R	4
%SW6054			ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-2
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6055			ON,,OFF,ON	Direct	G	R	4
%SW6056			ON,,OFF,ON	Direct	G	R	4
%SW6057			ON,,OFF,ON	Direct	G	R	4
%SW6058			ON,,OFF,ON	Direct	G	R	4
%SW6059			ON,,OFF,ON	Direct	G	R	4
%SW6060			ON,,OFF,ON	Direct	G	R	4
%SW6061			ON,,OFF,ON	Direct	G	R	4
%SW6062			ON,,OFF,ON	Direct	G	R	4
%SW6063			ON,,OFF,ON	Direct	G	R	4
%SW6064			ON,,OFF,ON	Direct	G	R	4
%SW6065			ON,,OFF,ON	Direct	G	R	4
%SW6066			ON,,OFF,ON	Direct	G	R	3
%SW6067			ON,,OFF,ON	Direct	G	R	3
%SW6068			ON,,OFF,ON	Direct	G	R	3
%SW6069			ON,,OFF,ON	Direct	G	R	3
%SW6070			ON,,OFF,ON	Direct	G	R	3
%SW6071			ON,,OFF,ON	Direct	G	R	3
%SW6072			ON,,OFF,ON	Direct	G	R	3
%SW6073			ON,,OFF,ON	Direct	G	R	3
%SW6074			ON,,OFF,ON	Direct	G	R	3
%SW6075			ON,,OFF,ON	Direct	G	R	3
%SW6076			ON,,OFF,ON	Direct	G	R	3
%SW6077			ON,,OFF,ON	Direct	G	R	3
%SW6078			ON,,OFF,ON	Direct	G	R	3
%SW6079			ON,,OFF,ON	Direct	G	R	3
%SW6080			ON,,OFF,ON	Direct	G	R	4
%SW6081			ON,,OFF,ON	Direct	G	R	3
%SW6082			ON,,OFF,ON	Direct	G	R	3
%SW6083			ON,,OFF,ON	Direct	G	R	3
%SW6084			ON,,OFF,ON	Direct	G	R	3
%SW6085			ON,,OFF,ON	Direct	G	R	3
%SW6086			ON,,OFF,ON	Direct	G	R	3
%SW6087			ON,,OFF,ON	Direct	G	R	3
%SW6088			ON,,OFF,ON	Direct	G	R	3
%SW6089			ON,,OFF,ON	Direct	G	R	3
%SW6090			ON,,OFF,ON	Direct	G	R	3
%SW6091			ON,,OFF,ON	Direct	G	R	3
%SW6092			ON,,OFF,ON	Direct	G	R	4
%SW6093			ON,,OFF,ON	Direct	G	R	4
%SW6094			ON,,OFF,ON	Direct	G	R	4
%SW6095			ON,,OFF,ON	Direct	G	R	4
%SW6096			ON,,OFF,ON	Direct	G	R	3
%SW6097			ON,,OFF,ON	Direct	G	R	3
%SW6098			ON,,OFF,ON	Direct	G	R	3
%SW6099			ON,,OFF,ON	Direct	G	R	3
%SW6100			ON,,OFF,ON	Direct	G	R	3
%SW6101			ON,,OFF,ON	Direct	G	R	3
%SW6102			ON,,OFF,ON	Direct	G	R	3
%SW6103			ON,,OFF,ON	Direct	G	R	3
%SW6104			ON,,OFF,ON	Direct	G	R	3
%SW6105			ON,,OFF,ON	Direct	G	R	3
%SW6106			ON,,OFF,ON	Direct	G	R	3
%SW6107			ON,,OFF,ON	Direct	G	R	3
%SW6108			ON,,OFF,ON	Direct	G	R	4
%SW6109			ON,,OFF,ON	Direct	G	R	4
%SW6110			ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-3
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6111			ON,,OFF,ON	Direct	G	R	4
%SW6112			ON,,OFF,ON	Direct	G	R	4
%SW6113			ON,,OFF,ON	Direct	G	R	4
%SW6114			ON,,OFF,ON	Direct	G	R	4
%SW6115			ON,,OFF,ON	Direct	G	R	4
%SW6116			ON,,OFF,ON	Direct	G	R	4
%SW6117			ON,,OFF,ON	Direct	G	R	4
%SW6118			ON,,OFF,ON	Direct	G	R	4
%SW6119			ON,,OFF,ON	Direct	G	R	4
%SW6120			ON,,OFF,ON	Direct	G	R	4
%SW6121			ON,,OFF,ON	Direct	G	R	4
%SW6122			ON,,OFF,ON	Direct	G	R	4
%SW6123			ON,,OFF,ON	Direct	G	R	4
%SW6124			ON,,OFF,ON	Direct	G	R	4
%SW6125			ON,,OFF,ON	Direct	G	R	4
%SW6126			ON,,OFF,ON	Direct	G	R	4
%SW6127			ON,,OFF,ON	Direct	G	R	4
%SW6128			ON,,OFF,ON	Direct	G	R	4
%SW6129			ON,,OFF,ON	Direct	G	R	4
%SW6130			ON,,OFF,ON	Direct	G	R	4
%SW6131			ON,,OFF,ON	Direct	G	R	4
%SW6132			ON,,OFF,ON	Direct	G	R	4
%SW6133			ON,,OFF,ON	Direct	G	R	4
%SW6134			ON,,OFF,ON	Direct	G	R	4
%SW6135			ON,,OFF,ON	Direct	G	R	4
%SW6136			ON,,OFF,ON	Direct	G	R	4
%SW6137			ON,,OFF,ON	Direct	G	R	4
%SW6138			ON,,OFF,ON	Direct	G	R	4
%SW6139			ON,,OFF,ON	Direct	G	R	4
%SW6140			ON,,OFF,ON	Direct	G	R	4
%SW6141			ON,,OFF,ON	Direct	G	R	4
%SW6142			ON,,OFF,ON	Direct	G	R	4
%SW6143			ON,,OFF,ON	Direct	G	R	4
%SW6144			ON,,OFF,ON	Direct	G	R	4
%SW6145			ON,,OFF,ON	Direct	G	R	4
%SW6146			ON,,OFF,ON	Direct	G	R	4
%SW6147			ON,,OFF,ON	Direct	G	R	4
%SW6148			ON,,OFF,ON	Direct	G	R	4
%SW6149			ON,,OFF,ON	Direct	G	R	4
%SW6150			ON,,OFF,ON	Direct	G	R	4
%SW6151			ON,,OFF,ON	Direct	G	R	4
%SW6152			ON,,OFF,ON	Direct	G	R	4
%SW6153			ON,,OFF,ON	Direct	G	R	4
%SW6154			ON,,OFF,ON	Direct	G	R	4
%SW6155			ON,,OFF,ON	Direct	G	R	4
%SW6156			ON,,OFF,ON	Direct	G	R	4
%SW6157			ON,,OFF,ON	Direct	G	R	4
%SW6158			ON,,OFF,ON	Direct	G	R	4
%SW6159			ON,,OFF,ON	Direct	G	R	4
%SW6160			ON,,OFF,ON	Direct	G	R	4
%SW6161			ON,,OFF,ON	Direct	G	R	4
%SW6162			ON,,OFF,ON	Direct	G	R	4
%SW6163			ON,,OFF,ON	Direct	G	R	4
%SW6164			ON,,OFF,ON	Direct	G	R	4
%SW6165			ON,,OFF,ON	Direct	G	R	4
%SW6166			ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-4
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6167			ON,,OFF,ON	Direct	G	R	4
%SW6168			ON,,OFF,ON	Direct	G	R	4
%SW6169			ON,,OFF,ON	Direct	G	R	4
%SW6170			ON,,OFF,ON	Direct	G	R	4
%SW6171			ON,,OFF,ON	Direct	G	R	4
%SW6172			ON,,OFF,ON	Direct	G	R	4
%SW6173			ON,,OFF,ON	Direct	G	R	4
%SW6174			ON,,OFF,ON	Direct	G	R	4
%SW6175			ON,,OFF,ON	Direct	G	R	4
%SW6176			ON,,OFF,ON	Direct	G	R	4
%SW6177			ON,,OFF,ON	Direct	G	R	4
%SW6178			ON,,OFF,ON	Direct	G	R	4
%SW6179			ON,,OFF,ON	Direct	G	R	4
%SW6180			ON,,OFF,ON	Direct	G	R	4
%SW6181			ON,,OFF,ON	Direct	G	R	4
%SW6182			ON,,OFF,ON	Direct	G	R	4
%SW6183			ON,,OFF,ON	Direct	G	R	4
%SW6184			ON,,OFF,ON	Direct	G	R	4
%SW6185			ON,,OFF,ON	Direct	G	R	4
%SW6186			ON,,OFF,ON	Direct	G	R	4
%SW6187			ON,,OFF,ON	Direct	G	R	4
%SW6188			ON,,OFF,ON	Direct	G	R	4
%SW6189			ON,,OFF,ON	Direct	G	R	4
%SW6190			ON,,OFF,ON	Direct	G	R	4
%SW6191			ON,,OFF,ON	Direct	G	R	4
%SW6192			ON,,OFF,ON	Direct	G	R	4
%SW6193			ON,,OFF,ON	Direct	G	R	4
%SW6194			ON,,OFF,ON	Direct	G	R	4
%SW6195			ON,,OFF,ON	Direct	G	R	4
%SW6196			ON,,OFF,ON	Direct	G	R	4
%SW6197			ON,,OFF,ON	Direct	G	GR	4
%SW6198			ON,,OFF,ON	Direct	G	GR	4
%SW6199			ON,,OFF,ON	Direct	G	GR	4
%SW6200			ON,,OFF,ON	Direct	G	GR	4
%SW6201			ON,,OFF,ON	Direct	G	GR	4
%SW6202			ON,,OFF,ON	Direct	G	GR	4
%SW6203			NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6204			ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6205			NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6206			NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6207			READY,,N_READY,READY	Direct	G	R	4
%SW6208			READY,,N_READY,READY	Direct	G	R	4
%SW6209			READY,,N_READY,READY	Direct	G	R	4
%SW6210			READY,,N_READY,READY	Direct	G	R	4
%SW6211			NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6212			ON,,OFF,ON	Direct	G	GR	4
%SW6213			ON,,OFF,ON	Direct	G	GR	4
%SW6214			CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6215			ON,,OFF,ON	Direct	R	GR	4
%SW6216			ON,,OFF,ON	Direct	G	GR	4
%SW6217			ON,,OFF,ON	Direct	G	GR	4
%SW6218			READY,,N_READY,READY	Direct	G	R	4
%SW6219			CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6220		QF1 PROT TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6221		QF1 PROT TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6222		QF1 PROT TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-5
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6223		QF1 PROT TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6224			READY,,N_READY,READY	Direct	G	R	4
%SW6225			READY,,N_READY,READY	Direct	G	R	4
%SW6226			LOCAL,,REMOTE ,LOCAL	Direct	G	GR	4
%SW6227			READY,,N_READY,READY	Direct	G	R	4
%SW6228			READY,,N_READY,READY	Direct	G	R	4
%SW6229			TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6230			TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6231			TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6232			TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6233		QF1 - OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6234		QF1 - CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6235		QF1 - CONNECTED	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6236		QF1 - TEST	ON,,OFF,ON	Direct	R	GR	4
%SW6237		QF1 - TRIP UNIT DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6238			CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6239			TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6240			TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6241			CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6242			CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6243			CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6244			CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6245			LOCAL,,REMOTE ,LOCAL	Direct	R	GR	4
%SW6246			CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6247			CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6248			CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6249			OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6250			TRIP,,NORMAL,TRIP	Direct	R	G	4
%SW6251			NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6252		AC UPS F&G BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6253		AC UPS F&G BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6254		AC UPS F&G BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6255		AC UPS PAS LN A CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6256		AC UPS PAS LN A CB OP	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6257		AC UPS PAS LN A CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6258		AC UPS PAS LN A CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6259		AC UPS PAS LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6260		AC UPS PAS LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6261		AC UPS PAS LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6262		AC UPS PAS LN B CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6263		AC UPS PAS LN B CB OP	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6264		AC UPS PAS LN B CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6265		AC UPS PAS LN B CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6266		AC UPS PAS LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6267		AC UPS PAS LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6268		AC UPS PAS LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6269		AC UPS F&G LN A CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6270		AC UPS F&G LN A CB OP	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6271		AC UPS F&G LN A CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6272		AC UPS F&G LN A CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6273		AC UPS F&G LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6274		AC UPS F&G LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6275		AC UPS F&G LN A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6276		AC UPS F&G LN B CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6277		AC UPS F&G LN B CB OP	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6278		AC UPS F&G LN B CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-6
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6279		AC UPS F&G LN B CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6280		AC UPS F&G LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6281		AC UPS F&G LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6282		AC UPS F&G LN B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6283		WELD TOP DECK CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6284		WELD TOP DECK CB OP	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6285		WELD TOP DECK CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6286		WELD TOP DECK CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6287		WELD TOP DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6288		WELD TOP DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6289		WELD TOP DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6290		AC UPS PAS BYP CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6291		AC UPS PAS BYP CB OP	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6292		AC UPS PAS BYP CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6293		AC UPS PAS BYP CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6294		AC UPS PAS BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6295		AC UPS PAS BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6296		AC UPS PAS BYP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6297		DC BAT FDR A CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6298		DC BAT FDR A CB OP	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6299		DC BAT FDR A CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6300		DC BAT FDR A CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6301		DC BAT FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6302		DC BAT FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6303		DC BAT FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6304		DC BAT FDR B CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6305		DC BAT FDR B CB OP	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6306		DC BAT FDR B CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6307		DC BAT FDR B CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6308		DC BAT FDR B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6309		DC BAT FDR B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6310		DC BAT FDR B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6311		NAVAID FDR A CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6312		NAVAID FDR A CB OP	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6313		NAVAID FDR A CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6314		NAVAID FDR A CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6315		NAVAID FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6316		NAVAID FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6317		NAVAID FDR A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6318		NAVAID FDR B CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6319		NAVAID FDR B CB OP	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6320		NAVAID FDR B CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6321		NAVAID FDR B CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6322			ON,,OFF,ON	Direct	G	R	4
%SW6323			ON,,OFF,ON	Direct	G	R	4
%SW6324			ON,,OFF,ON	Direct	G	R	4
%SW6325		WELD LOW DECK CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6326		WELD LOW DECK CB OP	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6327		WELD LOW DECK CB TRIP	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6328		WELD LOW DECK CB FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6329		WELD LOW DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6330		WELD LOW DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6331		WELD LOW DECK AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6332		DB BOP TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6333		DB BOP TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6334		DB BOP TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6335		DB BOP TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6336		DB BOP OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6337		DB BOP CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6338		DB BOP TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6339		DB BOP CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6340		DB BOP CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6341		DB BOP TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6342		DB BOP FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6343		DB BOP INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	GR	4
%SW6344		DB BOP CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6345		DB BOP CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
%SW6346		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6347		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6348		DB BOP SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4
%SW6349		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6350		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6351		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6352		DB BOP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6353		CRANE TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6354		CRANE TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6355		CRANE TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6356		CRANE TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6357		CRANE OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6358		CRANE CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
%SW6359		CRANE TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6360		CRANE CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6361		CRANE CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6362		CRANE TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6363		CRANE FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6364		CRANE INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6365		CRANE CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6366		CRANE CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
%SW6367		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6368		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6369		CRANE SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4
%SW6370		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6371		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6372		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6373		CRANE AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6374		WTP TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6375		WTP TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6376		WTP TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6377		WTP TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6378		WTP OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6379		WTP CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6380		WTP TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6381		WTP CB CLS	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
%SW6382		WTP CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6383		WTP TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6384		WTP FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6385		WTP INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6386		WTP CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6387		WTP CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6388		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6389		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6390		WTP SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4

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Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6391		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6392		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6393		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6394		WTP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6395		HVAC PNL HV TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6396		HVAC PNL HV TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6397		HVAC PNL HV TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6398		HVAC PNL HV TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6399		HVAC PNL HV OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6400		HVAC PNL HV CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6401		HVAC PNL HV TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6402		HVAC PNL HV CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6403		HVAC PNL HV CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6404		HVAC PNL HV TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6405		HVAC PNL HV FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6406		HVAC PNL HV INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6407		HVAC PNL HV CN CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6408		HVAC PNL HV CN OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
%SW6409		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6410		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6411		HVAC PNL HV SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4
%SW6412		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6413		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6414		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6415		HVAC PNL HV AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6416		FC AUX LD TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6417		FC AUX LD TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6418		FC AUX LD TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6419		FC AUX LD TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6420		FC AUX LD OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6421		FC AUX LD CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6422		FC AUX LD TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6423		FC AUX LDCB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6424		FC AUX LDCB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6425		FC AUX LDTRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6426		FC AUX LDFDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6427		FC AUX LDINTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6428		FC AUX LD CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6429		FC AUX LD CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
%SW6430		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6431		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6432		FC AUX LD SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4
%SW6433		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6434		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6435		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6436		FC AUX LDAVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6437		BESS PCS TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6438		BESS PCS TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6439		BESS PCS TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6440		BESS PCS TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6441		BESS PCS HV OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6442		BESS PCS HV CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6443		BESS PCS HV TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6444		BESS PCS CAB CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6445		BESS PCS CAB CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6446		BESS PCS CAB TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4

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SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6447		BESS PCS CAB FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6448		BESS PCS CAB INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6449		BESS PCS CAB CN CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6450		BESS PCS CAB CN OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
%SW6451		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6452		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6453		BESS PCS CAB SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4
%SW6454		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6455		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6456		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6457		BESS PCS CAB AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6458		IA 01A TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6459		IA 01A TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6460		IA 01A TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6461		IA 01A TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6462		IA 01A OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6463		IA 01A CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6464		IA 01A TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6465		IA 01A CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6466		IA 01A CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6467		IA 01A TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6468		IA 01A FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6469		IA 01A INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6470		IA 01A CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6471		IA 01A CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
%SW6472		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6473		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6474		IA 01A SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4
%SW6475		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6476		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6477		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6478		IA 01A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6479		HVAC LV RM TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6480		HVAC LV RM TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6481		HVAC LV RM TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6482		HVAC LV RM TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6483		HVAC LV RM OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6484		HVAC LV RM CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6485		HVAC LV RM TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6486		HVAC LV RM CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6487		HVAC LV RM CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6488		HVAC LV RM TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6489		HVAC LV RM FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6490		HVAC LV RM INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6491		HVAC LV RM CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6492		HVAC LV RM CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6493		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6494		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6495		HVAC LV RM SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4
%SW6496		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6497		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6498		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6499		HVAC LV RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6500		HVAC UPS RM TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6501		HVAC UPS RM TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6502		HVAC UPS RM TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4

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STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6503		HVAC UPS RM TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6504		HVAC UPS RM OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6505		HVAC UPS RM CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6506		HVAC UPS RM TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6507		HVAC UPS RM CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6508		HVAC UPS RM CB OPN	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
%SW6509		HVAC UPS RM TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6510		HVAC UPS RM FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6511		HVAC UPS RM INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6512		HVAC UPS RM CN CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6513		HVAC UPS RM CN OPN CMD	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6514		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6515		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6516		HVAC UPS RM SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4
%SW6517		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6518		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6519		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6520		HVAC UPS RM AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6521		HVAC ITER TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6522		HVAC ITER TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6523		HVAC ITER TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6524		HVAC ITER TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6525		HVAC ITER OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6526		HVAC ITER CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6527		HVAC ITER TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6528		HVAC ITER CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6529		HVAC ITER CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6530		HVAC ITER TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6531		HVAC ITER FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6532		HVAC ITER INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6533		HVAC ITER CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6534		HVAC ITER CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6535		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6536		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6537		HVAC ITER SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4
%SW6538		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6539		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6540		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6541		HVAC ITER AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6542		ICCP TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6543		ICCP TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6544		ICCP TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6545		ICCP TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6546		ICCP OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6547		ICCP CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6548		ICCP TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6549		ICCP CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6550		ICCP CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6551		ICCP TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6552		ICCP FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6553		ICCP INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6554		ICCP CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	R	GR	4
%SW6555		ICCP CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	G	GR	4
%SW6556		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6557		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6558		ICCP SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-11
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6559		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6560		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6561		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6562		ICCP AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6563		IA 01B TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6564		IA 01B TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6565		IA 01B TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6566		IA 01B TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6567		IA 01B OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6568		IA 01B CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6569		IA 01B TRIP DISCON	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6570		IA 01B CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6571		IA 01B CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6572		IA 01B TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6573		IA 01B FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6574		IA 01B INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6575		IA 01B CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6576		IA 01B CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6577		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6578		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6579		IA 01B SA1 LOC	LOCAL,,REMOTE ,LOCAL	Reverse	G	R	4
%SW6580		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6581		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6582		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6583		IA 01B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6584		BESS LV1 TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6585		BESS LV1 TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6586		BESS LV1 TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6587		BESS LV1 TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6588		BESS LV1 HV OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6589		BESS LV1 HV CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6590		DPT OL FLTRS HI ALM	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6591		BESS LV1 CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6592		BESS LV1 CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6593		BESS LV1 TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6594		BESS LV1 FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6595		BESS LV1 INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6596		BESS LV1 CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6597		BESS LV1 CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6598		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6599		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6600		BESS LV1 SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4
%SW6601		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6602		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6603		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6604		BESS LV1 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6605		BESS LV2 TRIP L	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6606		BESS LV2 TRIP S	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6607		BESS LV2 TRIP I	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6608		BESS LV2 TRIP G	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6609		BESS LV2 HV OPEN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6610		BESS LV2 HV CLOSED	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6611		DRYER-1 DEPR SOV OPN	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW6612		BESS LV2 CB CLS	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6613		BESS LV2 CB OPN	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6614		BESS LV2 TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-12
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6615		BESS LV2 FDR AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6616		BESS LV2 INTER FLT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6617		BESS LV2 CONT CLS CMD	CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6618		BESS LV2 CONT OPN CMD	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6619		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6620		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6621		BESS LV2 SA1 LOC	LOCAL,,REMOTE ,LOCAL	Direct	G	R	4
%SW6622		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6623		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6624		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6625		BESS LV2 AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6626			CLOSED,,N_CLOSED,CLOSED	Direct	G	GR	4
%SW6627			OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6628			ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6629			ON,,OFF,ON	Direct	G	R	4
%SW6630			NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6631		TEMP GEN/BAT AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6632		TEMP GEN/BAT AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6633		SW PMP A LOC	REMOTE ,,LOCAL,REMOTE	Reverse	G	R	4
%SW6634		SW PMP A RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
%SW6635		SW PMP A TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6636		SW PMP A AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6637		SW PMP A ESD ACT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6638		SW PMP A PA1 LOC STOP	STOP,,,STOP	Reverse	R	GR	4
%SW6639		SW PMP A STRT CMD	START,,,START	Direct	G	GR	4
%SW6640		SW PMP A STOP CMD	STOP,,,STOP	Direct	R	GR	4
%SW6641		SW PMP B LOC	REMOTE ,,LOCAL,REMOTE	Reverse	G	R	4
%SW6642		SW PMP B RUNNING	RUNNING,,STOPPED,RUNNING	Direct	G	R	4
%SW6643		SW PMP B TRIPPED	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6644		SW PMP B AVAIL	ON,,OFF,ON	Direct	G	R	4
%SW6645		SW PMP B ESD ACT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6646		SW PMP B PA1 LOC STOP	STOP,,,STOP	Reverse	R	GR	4
%SW6647		SW PMP B STRT CMD	START,,,START	Direct	G	GR	4
%SW6648		SW PMP B STOP CMD	STOP,,,STOP	Direct	R	GR	4
%SW6649			ON,,OFF,ON	Direct	G	R	4
%SW6650			ON,,OFF,ON	Direct	G	R	4
%SW6651			ON,,OFF,ON	Direct	G	R	4
%SW6652			ON,,OFF,ON	Direct	G	R	4
%SW6653			ON,,OFF,ON	Direct	G	R	4
%SW6654			ON,,OFF,ON	Direct	G	R	4
%SW6655			ON,,OFF,ON	Direct	G	R	4
%SW6656			ON,,OFF,ON	Direct	G	R	4
%SW6657			ON,,OFF,ON	Direct	G	R	4
%SW6658			ON,,OFF,ON	Reverse	G	R	4
%SW6659			ON,,OFF,ON	Reverse	G	R	4
%SW6660			ON,,OFF,ON	Reverse	G	R	4
%SW6661			ON,,OFF,ON	Reverse	G	R	4
%SW6662			ON,,OFF,ON	Direct	G	R	4
%SW6663			ON,,OFF,ON	Direct	G	R	4
%SW6664			ON,,OFF,ON	Direct	G	R	4
%SW6665			ON,,OFF,ON	Direct	G	R	4
%SW6666			ON,,OFF,ON	Direct	G	R	4
%SW6667			ON,,OFF,ON	Direct	G	R	4
%SW6668			ON,,OFF,ON	Direct	G	R	4
%SW6669			ON,,OFF,ON	Direct	G	R	4
%SW6670			ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-13
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6671			ON,,OFF,ON	Direct	G	R	4
%SW6672			ON,,OFF,ON	Direct	G	R	4
%SW6673			ON,,OFF,ON	Direct	G	R	4
%SW6674			ON,,OFF,ON	Direct	G	R	4
%SW6675			ON,,OFF,ON	Direct	G	R	4
%SW6676			ON,,OFF,ON	Direct	G	R	4
%SW6677			ON,,OFF,ON	Direct	G	R	4
%SW6678			ON,,OFF,ON	Direct	G	R	4
%SW6679			ON,,OFF,ON	Direct	G	R	4
%SW6680			ON,,OFF,ON	Direct	G	R	4
%SW6681			ON,,OFF,ON	Direct	G	R	4
%SW6682			ON,,OFF,ON	Direct	G	R	4
%SW6683			ON,,OFF,ON	Direct	G	R	4
%SW6684			ON,,OFF,ON	Direct	G	R	4
%SW6685			ON,,OFF,ON	Direct	G	R	4
%SW6686			ON,,OFF,ON	Direct	G	R	4
%SW6687			ON,,OFF,ON	Direct	G	R	4
%SW6688			ON,,OFF,ON	Direct	G	R	4
%SW6689			ON,,OFF,ON	Direct	G	R	4
%SW6690			ON,,OFF,ON	Direct	G	R	4
%SW6691			ON,,OFF,ON	Direct	G	R	4
%SW6692			ON,,OFF,ON	Direct	G	R	4
%SW6693			ON,,OFF,ON	Direct	G	R	4
%SW6694			ON,,OFF,ON	Direct	G	R	4
%SW6695			ON,,OFF,ON	Direct	G	R	4
%SW6696			ON,,OFF,ON	Direct	G	R	4
%SW6697			ON,,OFF,ON	Direct	G	R	4
%SW6698			ON,,OFF,ON	Direct	G	R	4
%SW6699			ON,,OFF,ON	Direct	G	R	4
%SW6700			ON,,OFF,ON	Direct	G	R	4
%SW6701			ON,,OFF,ON	Direct	G	R	4
%SW6702			ON,,OFF,ON	Direct	G	R	4
%SW6703			ON,,OFF,ON	Direct	G	R	4
%SW6704			ON,,OFF,ON	Direct	G	R	4
%SW6705			ON,,OFF,ON	Direct	G	R	4
%SW6706			ON,,OFF,ON	Direct	G	R	4
%SW6707			ON,,OFF,ON	Direct	G	R	4
%SW6708			ON,,OFF,ON	Direct	G	R	4
%SW6709			ON,,OFF,ON	Direct	G	R	4
%SW6710			ON,,OFF,ON	Direct	G	R	4
%SW6711			ON,,OFF,ON	Direct	G	R	4
%SW6712			ON,,OFF,ON	Direct	G	R	4
%SW6713			ON,,OFF,ON	Direct	G	R	4
%SW6714			ON,,OFF,ON	Direct	G	R	4
%SW6715			ON,,OFF,ON	Direct	G	R	4
%SW6716			ON,,OFF,ON	Direct	G	R	4
%SW6717			ON,,OFF,ON	Direct	G	R	4
%SW6718			ON,,OFF,ON	Direct	G	R	4
%SW6719			ON,,OFF,ON	Direct	G	R	4
%SW6720			ON,,OFF,ON	Direct	G	R	4
%SW6721			ON,,OFF,ON	Direct	G	R	4
%SW6722			ON,,OFF,ON	Direct	G	R	4
%SW6723			ON,,OFF,ON	Direct	G	R	4
%SW6724			ON,,OFF,ON	Direct	G	R	4
%SW6725			ON,,OFF,ON	Direct	G	R	4
%SW6726			ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-14
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6727			ON,,OFF,ON	Direct	G	R	4
%SW6728			ON,,OFF,ON	Direct	G	R	4
%SW6729			ON,,OFF,ON	Direct	G	R	4
%SW6730			ON,,OFF,ON	Direct	G	R	4
%SW6731			ON,,OFF,ON	Direct	G	R	4
%SW6732			ON,,OFF,ON	Direct	G	R	4
%SW6733			ON,,OFF,ON	Direct	G	R	4
%SW6734			ON,,OFF,ON	Direct	G	R	4
%SW6735			ON,,OFF,ON	Direct	G	R	4
%SW6736			ON,,OFF,ON	Direct	G	R	4
%SW6737			ON,,OFF,ON	Direct	G	R	4
%SW6738			ON,,OFF,ON	Direct	G	R	4
%SW6739			ON,,OFF,ON	Direct	G	R	4
%SW6740			ON,,OFF,ON	Direct	G	R	4
%SW6741			ON,,OFF,ON	Direct	G	R	4
%SW6742			ON,,OFF,ON	Direct	G	R	4
%SW6743			ON,,OFF,ON	Direct	G	R	4
%SW6744			ON,,OFF,ON	Direct	G	R	4
%SW6745			ON,,OFF,ON	Direct	G	R	4
%SW6746			ON,,OFF,ON	Direct	G	R	4
%SW6747			ON,,OFF,ON	Direct	G	R	4
%SW6748			ON,,OFF,ON	Direct	G	R	4
%SW6749			ON,,OFF,ON	Direct	G	R	4
%SW6750			ON,,OFF,ON	Direct	G	R	4
%SW6751			ON,,OFF,ON	Direct	G	R	4
%SW6752			ON,,OFF,ON	Direct	G	R	4
%SW6753			ON,,OFF,ON	Direct	G	R	4
%SW6754			ON,,OFF,ON	Direct	G	R	4
%SW6755			ON,,OFF,ON	Direct	G	R	4
%SW6756			ON,,OFF,ON	Direct	G	R	4
%SW6757			ON,,OFF,ON	Direct	G	R	4
%SW6758			ON,,OFF,ON	Direct	G	R	4
%SW6759			ON,,OFF,ON	Direct	G	R	4
%SW6760			ON,,OFF,ON	Direct	G	R	4
%SW6761			ON,,OFF,ON	Direct	G	R	4
%SW6762			ON,,OFF,ON	Direct	G	R	4
%SW6763			ON,,OFF,ON	Direct	G	R	4
%SW6764			ON,,OFF,ON	Direct	G	R	4
%SW6765			ON,,OFF,ON	Direct	G	R	4
%SW6766			ON,,OFF,ON	Direct	G	R	4
%SW6767			ON,,OFF,ON	Direct	G	R	4
%SW6768			ON,,OFF,ON	Direct	G	R	4
%SW6769			ON,,OFF,ON	Direct	G	R	4
%SW6770			ON,,OFF,ON	Direct	G	R	4
%SW6771			ON,,OFF,ON	Direct	G	R	4
%SW6772			ON,,OFF,ON	Direct	G	R	4
%SW6773			ON,,OFF,ON	Direct	G	R	4
%SW6774			ON,,OFF,ON	Direct	G	R	4
%SW6775			ON,,OFF,ON	Direct	G	R	4
%SW6776			ON,,OFF,ON	Direct	G	R	4
%SW6777			ON,,OFF,ON	Direct	G	R	4
%SW6778			ON,,OFF,ON	Direct	G	R	4
%SW6779			ON,,OFF,ON	Direct	G	R	4
%SW6780			ON,,OFF,ON	Direct	G	R	4
%SW6781			ON,,OFF,ON	Direct	G	R	4
%SW6782			ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-15
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6783			ON,,OFF,ON	Direct	G	R	4
%SW6784			ON,,OFF,ON	Direct	G	R	4
%SW6785			ON,,OFF,ON	Direct	G	R	4
%SW6786			ON,,OFF,ON	Direct	G	R	4
%SW6787			ON,,OFF,ON	Direct	G	R	4
%SW6788			ON,,OFF,ON	Direct	G	R	4
%SW6789			ON,,OFF,ON	Direct	G	R	4
%SW6790			ON,,OFF,ON	Direct	G	R	4
%SW6791			ON,,OFF,ON	Direct	G	R	4
%SW6792			ON,,OFF,ON	Direct	G	R	4
%SW6793			ON,,OFF,ON	Direct	G	R	4
%SW6794			ON,,OFF,ON	Direct	G	R	4
%SW6795	87HSTBY-001	PERM HOT STANDBY	ON,,OFF,ON	Direct	G	R	4
%SW6796	87CSTBY-001	PERM COLD STANDBY	ON,,OFF,ON	Direct	G	R	4
%SW6797	87EMG-001	PERM TO ENTER EMG MODE	ON,,OFF,ON	Direct	G	R	4
%SW6798	87EXP-001	PERM TO EXPORT MODE	ON,,OFF,ON	Direct	G	R	4
%SW6799	87PERMSTF-001	PERM TO START FUELCELL	ON,,OFF,ON	Direct	G	R	4
%SW6800	87PERMSTE-001	PERM TO START ELECT	ON,,OFF,ON	Direct	G	R	4
%SW6801	87INDFULL-001	FUEL TANKS ARE FULL	ON,,OFF,ON	Direct	G	R	4
%SW6802	87XA-001	FAULT	NORMAL,,FAULT,NORMAL	Direct	G	R	4
%SW6803	87STRQ-0001	EMCS PERM TO ST ELECT	START,,,START	Direct	G	GR	4
%SW6804	87STF-002	EMCS PERM TO STR FUELCEL	START,,,START	Direct	R	GR	4
%SW6805	87XS-002	POWER OUT MODE	ALARM,,NORMAL,ALARM	Direct	R	G	4
%SW6806			ON,,OFF,ON	Direct	G	R	4
%SW6807			ON,,OFF,ON	Direct	G	R	4
%SW6808			ON,,OFF,ON	Direct	G	R	4
%SW6809			ON,,OFF,ON	Direct	G	R	4
%SW6810			ON,,OFF,ON	Direct	G	R	4
%SW6811			ON,,OFF,ON	Direct	G	R	4
%SW6812			ON,,OFF,ON	Direct	G	R	4
%SW6813			ON,,OFF,ON	Direct	G	R	4
%SW6814			ON,,OFF,ON	Direct	G	R	4
%SW6815			ON,,OFF,ON	Direct	G	R	4
%SW6816			ON,,OFF,ON	Direct	G	R	4
%SW6817			ON,,OFF,ON	Direct	G	R	4
%SW6818			ON,,OFF,ON	Direct	G	R	4
%SW6819			ON,,OFF,ON	Direct	G	R	4
%SW6820			ON,,OFF,ON	Direct	G	R	4
%SW6821			ON,,OFF,ON	Direct	G	R	4
%SW6822			ON,,OFF,ON	Direct	G	R	4
%SW6823			ON,,OFF,ON	Direct	G	R	4
%SW6824			ON,,OFF,ON	Direct	G	R	4
%SW6825			ON,,OFF,ON	Direct	G	R	4
%SW6826			ON,,OFF,ON	Direct	G	R	4
%SW6827			ON,,OFF,ON	Direct	G	R	4
%SW6828			ON,,OFF,ON	Direct	G	R	4
%SW6829			ON,,OFF,ON	Direct	G	R	4
%SW6830			ON,,OFF,ON	Direct	G	R	4
%SW6831			ON,,OFF,ON	Direct	G	R	4
%SW6832			ON,,OFF,ON	Direct	G	R	4
%SW6833			ON,,OFF,ON	Direct	G	R	4
%SW6834			ON,,OFF,ON	Direct	G	R	4
%SW6835			ON,,OFF,ON	Direct	G	R	4
%SW6836			ON,,OFF,ON	Direct	G	R	4
%SW6837			ON,,OFF,ON	Direct	G	R	4
%SW6838			ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-16
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6839			ON,,OFF,ON	Direct	G	R	4
%SW6840			ON,,OFF,ON	Direct	G	R	4
%SW6841			ON,,OFF,ON	Direct	G	R	4
%SW6842			ON,,OFF,ON	Direct	G	R	4
%SW6843			ON,,OFF,ON	Direct	G	R	4
%SW6844			ON,,OFF,ON	Direct	G	R	4
%SW6845			ON,,OFF,ON	Direct	G	R	4
%SW6846			ON,,OFF,ON	Direct	G	R	4
%SW6847			ON,,OFF,ON	Direct	G	R	4
%SW6848			ON,,OFF,ON	Direct	G	R	4
%SW6849			ON,,OFF,ON	Direct	G	R	4
%SW6850			ON,,OFF,ON	Direct	G	R	4
%SW6851			ON,,OFF,ON	Direct	G	R	4
%SW6852			ON,,OFF,ON	Direct	G	R	4
%SW6853			ON,,OFF,ON	Direct	G	R	4
%SW6854			ON,,OFF,ON	Direct	G	R	4
%SW6855			ON,,OFF,ON	Direct	G	R	4
%SW6856			ON,,OFF,ON	Direct	G	R	4
%SW6857			ON,,OFF,ON	Direct	G	R	4
%SW6858			ON,,OFF,ON	Direct	G	R	4
%SW6859			ON,,OFF,ON	Direct	G	R	4
%SW6860			ON,,OFF,ON	Direct	G	R	4
%SW6861			ON,,OFF,ON	Direct	G	R	4
%SW6862			ON,,OFF,ON	Direct	G	R	4
%SW6863			ON,,OFF,ON	Direct	G	R	4
%SW6864			ON,,OFF,ON	Direct	G	R	4
%SW6865			ON,,OFF,ON	Direct	G	R	4
%SW6866			ON,,OFF,ON	Direct	G	R	4
%SW6867			ON,,OFF,ON	Direct	G	R	4
%SW6868			ON,,OFF,ON	Direct	G	R	4
%SW6869			ON,,OFF,ON	Direct	G	R	4
%SW6870			ON,,OFF,ON	Direct	G	R	4
%SW6871			ON,,OFF,ON	Direct	G	R	4
%SW6872			ON,,OFF,ON	Direct	G	R	4
%SW6873			ON,,OFF,ON	Direct	G	R	4
%SW6874			ON,,OFF,ON	Direct	G	R	4
%SW6875			ON,,OFF,ON	Direct	G	R	4
%SW6876			ON,,OFF,ON	Direct	G	R	4
%SW6877			ON,,OFF,ON	Direct	G	R	4
%SW6878			ON,,OFF,ON	Direct	G	R	4
%SW6879			ON,,OFF,ON	Direct	G	R	4
%SW6880			ON,,OFF,ON	Direct	G	R	4
%SW6881			ON,,OFF,ON	Direct	G	R	4
%SW6882			ON,,OFF,ON	Direct	G	R	4
%SW6883			ON,,OFF,ON	Direct	G	R	4
%SW6884			ON,,OFF,ON	Direct	G	R	4
%SW6885			ON,,OFF,ON	Direct	G	R	4
%SW6886			ON,,OFF,ON	Direct	G	R	4
%SW6887			ON,,OFF,ON	Direct	G	R	4
%SW6888			ON,,OFF,ON	Direct	G	R	4
%SW6889			ON,,OFF,ON	Direct	G	R	4
%SW6890			ON,,OFF,ON	Direct	G	R	4
%SW6891			ON,,OFF,ON	Direct	G	R	4
%SW6892			ON,,OFF,ON	Direct	G	R	4
%SW6893			ON,,OFF,ON	Direct	G	R	4
%SW6894			ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-17
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6895			ON,,OFF,ON	Direct	G	R	4
%SW6896			ON,,OFF,ON	Direct	G	R	4
%SW6897			ON,,OFF,ON	Direct	G	R	4
%SW6898			ON,,OFF,ON	Direct	G	R	4
%SW6899			ON,,OFF,ON	Direct	G	R	4
%SW6900			ON,,OFF,ON	Direct	G	R	4
%SW6901			ON,,OFF,ON	Direct	G	R	4
%SW6902			ON,,OFF,ON	Direct	G	R	4
%SW6903			ON,,OFF,ON	Direct	G	R	4
%SW6904			ON,,OFF,ON	Direct	G	R	4
%SW6905			ON,,OFF,ON	Direct	G	R	4
%SW6906			ON,,OFF,ON	Direct	G	R	4
%SW6907			ON,,OFF,ON	Direct	G	R	4
%SW6908			ON,,OFF,ON	Direct	G	R	4
%SW6909			ON,,OFF,ON	Direct	G	R	4
%SW6910			ON,,OFF,ON	Direct	G	R	4
%SW6911			ON,,OFF,ON	Direct	G	R	4
%SW6912			ON,,OFF,ON	Direct	G	R	4
%SW6913			ON,,OFF,ON	Direct	G	R	4
%SW6914			ON,,OFF,ON	Direct	G	R	4
%SW6915			ON,,OFF,ON	Direct	G	R	4
%SW6916			ON,,OFF,ON	Direct	G	R	4
%SW6917			ON,,OFF,ON	Direct	G	R	4
%SW6918			ON,,OFF,ON	Direct	G	R	4
%SW6919			ON,,OFF,ON	Direct	G	R	4
%SW6920		QF1 - CLOSE COMMAND	CLOSED,,N_CLOSED,CLOSED	Direct	G	R	4
%SW6921		QF1 - OPEN COMMAND	OPENED,,N_OPENED,OPENED	Direct	R	GR	4
%SW6922			ON,,OFF,ON	Direct	G	R	4
%SW6923			ON,,OFF,ON	Direct	G	R	4
%SW6924			ON,,OFF,ON	Direct	G	R	4
%SW6925			ON,,OFF,ON	Direct	G	R	4
%SW6926			ON,,OFF,ON	Direct	G	R	4
%SW6927			ON,,OFF,ON	Direct	G	R	4
%SW6928			ON,,OFF,ON	Direct	G	R	4
%SW6929			ON,,OFF,ON	Direct	G	R	4
%SW6930			ON,,OFF,ON	Direct	G	R	4
%SW6931			ON,,OFF,ON	Direct	G	R	4
%SW6932			ON,,OFF,ON	Direct	G	R	4
%SW6933			ON,,OFF,ON	Direct	G	R	4
%SW6934			ON,,OFF,ON	Direct	G	R	4
%SW6935			ON,,OFF,ON	Direct	G	R	4
%SW6936			ON,,OFF,ON	Direct	G	R	4
%SW6937			ON,,OFF,ON	Direct	G	R	4
%SW6938			ON,,OFF,ON	Direct	G	R	4
%SW6939			ON,,OFF,ON	Direct	G	R	4
%SW6940			ON,,OFF,ON	Direct	G	R	4
%SW6941			ON,,OFF,ON	Direct	G	R	4
%SW6942			ON,,OFF,ON	Direct	G	R	4
%SW6943			ON,,OFF,ON	Direct	G	R	4
%SW6944			ON,,OFF,ON	Direct	G	R	4
%SW6945			ON,,OFF,ON	Direct	G	R	4
%SW6946			ON,,OFF,ON	Direct	G	R	4
%SW6947			ON,,OFF,ON	Direct	G	R	4
%SW6948			ON,,OFF,ON	Direct	G	R	4
%SW6949			ON,,OFF,ON	Direct	G	R	4
%SW6950			ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef7.edf	SHEET:		YOKOGAWA	PAGE:3-17-18
STATION:	FCS0101	SAVED DATE:	5/19/2025 12:50:47 AM	COMMENT:			
SECTION:	Common switch7	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW6951			ON,,OFF,ON	Direct	G	R	4
%SW6952			ON,,OFF,ON	Direct	G	R	4
%SW6953			ON,,OFF,ON	Direct	G	R	4
%SW6954			ON,,OFF,ON	Direct	G	R	4
%SW6955			ON,,OFF,ON	Direct	G	R	4
%SW6956			ON,,OFF,ON	Direct	G	R	4
%SW6957			ON,,OFF,ON	Direct	G	R	4
%SW6958			ON,,OFF,ON	Direct	G	R	4
%SW6959			ON,,OFF,ON	Direct	G	R	4
%SW6960			ON,,OFF,ON	Direct	G	R	4
%SW6961			ON,,OFF,ON	Direct	G	R	4
%SW6962			ON,,OFF,ON	Direct	G	R	4
%SW6963			ON,,OFF,ON	Direct	G	R	4
%SW6964			ON,,OFF,ON	Direct	G	R	4
%SW6965			ON,,OFF,ON	Direct	G	R	4
%SW6966			ON,,OFF,ON	Direct	G	R	4
%SW6967			ON,,OFF,ON	Direct	G	R	4
%SW6968			ON,,OFF,ON	Direct	G	R	4
%SW6969			ON,,OFF,ON	Direct	G	R	4
%SW6970			ON,,OFF,ON	Direct	G	R	4
%SW6971			ON,,OFF,ON	Direct	G	R	4
%SW6972			ON,,OFF,ON	Direct	G	R	4
%SW6973			ON,,OFF,ON	Direct	G	R	4
%SW6974			ON,,OFF,ON	Direct	G	R	4
%SW6975			ON,,OFF,ON	Direct	G	R	4
%SW6976			ON,,OFF,ON	Direct	G	R	4
%SW6977			ON,,OFF,ON	Direct	G	R	4
%SW6978			ON,,OFF,ON	Direct	G	R	4
%SW6979			ON,,OFF,ON	Direct	G	R	4
%SW6980			ON,,OFF,ON	Direct	G	R	4
%SW6981			ON,,OFF,ON	Direct	G	R	4
%SW6982			ON,,OFF,ON	Direct	G	R	4
%SW6983			ON,,OFF,ON	Direct	G	R	4
%SW6984			ON,,OFF,ON	Direct	G	R	4
%SW6985			ON,,OFF,ON	Direct	G	R	4
%SW6986			ON,,OFF,ON	Direct	G	R	4
%SW6987			ON,,OFF,ON	Direct	G	R	4
%SW6988			ON,,OFF,ON	Direct	G	R	4
%SW6989			ON,,OFF,ON	Direct	G	R	4
%SW6990			ON,,OFF,ON	Direct	G	R	4
%SW6991			ON,,OFF,ON	Direct	G	R	4
%SW6992			ON,,OFF,ON	Direct	G	R	4
%SW6993			ON,,OFF,ON	Direct	G	R	4
%SW6994			ON,,OFF,ON	Direct	G	R	4
%SW6995			ON,,OFF,ON	Direct	G	R	4
%SW6996			ON,,OFF,ON	Direct	G	R	4
%SW6997			ON,,OFF,ON	Direct	G	R	4
%SW6998			ON,,OFF,ON	Direct	G	R	4
%SW6999			ON,,OFF,ON	Direct	G	R	4
%SW7000			ON,,OFF,ON	Direct	G	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-1
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Common Switch Builder

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7001	P-50001ACMFL	SWP-A COMMON FLT	ON,,OFF,ON	Direct	R	R	4
%SW7002	P-50001BCMFL	SWP-B COMMON FLT	ON,,OFF,ON	Direct	R	R	4
%SW7003	P-50001ABGST	SWP-AB GROUP STRt	ON,,OFF,ON	Direct	R	R	4
%SW7004	WTPAST	WTP AUTO START	ON,,OFF,ON	Direct	R	R	4
%SW7005			ON,,OFF,ON	Direct	R	R	4
%SW7006			ON,,OFF,ON	Direct	R	R	4
%SW7007			ON,,OFF,ON	Direct	R	R	4
%SW7008		EXPRTPM	ON,,OFF,ON	Direct	R	R	4
%SW7009	EXPRTSEQFL	EXPORT MODE FAIL	ON,,OFF,ON	Direct	R	R	4
%SW7010	FUELCLSTP	FUEL CELL STPCMD	ON,,OFF,ON	Direct	R	R	4
%SW7011	EMGMDSTPM	EMERGNCY MODE STPM	ON,,OFF,ON	Direct	R	R	4
%SW7012	P-50001ABGSP	SWP-AB GROUP STOP	ON,,OFF,ON	Direct	R	R	4
%SW7013	WTPASP	WTP AUTO STOP	ON,,OFF,ON	Direct	R	R	4
%SW7014	AUXELASP	AUTO STOP AUX ELECTROLIS	ON,,OFF,ON	Direct	R	R	4
%SW7015	DISMODEPM	DISCH MODE PERMMISSIVE	ON,,OFF,ON	Direct	R	R	4
%SW7016	ELECSTRREQ	ELECTROLYSER START REQ	ON,,OFF,ON	Direct	R	R	4
%SW7017			ON,,OFF,ON	Direct	R	R	4
%SW7018			ON,,OFF,ON	Direct	R	R	4
%SW7019	83XA-0001	SOLAR PACKAGE FLT	TRIP,,NORMAL,TRIP	Direct	R	GR	4
%SW7020			STOP,,,STOP	Direct	R	GR	4
%SW7021	87US-0001	FUEL CELL 1 RUNNING	RUN,,STOP,RUN	Direct	G	GR	4
%SW7022	87US-0002	FUEL CELL 2 RUNNING	RUN,,STOP,RUN	Direct	G	GR	4
%SW7023	87US-0003	FUEL CELL 3 RUNNING	RUN,,STOP,RUN	Direct	G	GR	4
%SW7024	87US-0004	FUEL CELL 4 RUNNING	RUN,,STOP,RUN	Direct	G	GR	4
%SW7025	87US-0005	FUEL CELL 5 RUNNING	RUN,,STOP,RUN	Direct	G	GR	4
%SW7026	87US-0006	FUEL CELL 6 RUNNING	RUN,,STOP,RUN	Direct	G	GR	4
%SW7027	87TRP-001	ASD_ESD_ESD1D TRIP	ON,,OFF,ON	Direct	R	G	4
%SW7028			ON,,OFF,ON	Direct	R	GR	4
%SW7029			ON,,OFF,ON	Direct	R	R	4
%SW7030			ON,,OFF,ON	Direct	R	R	4
%SW7031			ON,,OFF,ON	Direct	R	R	4
%SW7032			ON,,OFF,ON	Direct	R	R	4
%SW7033			ON,,OFF,ON	Direct	R	R	4
%SW7034			ON,,OFF,ON	Direct	R	R	4
%SW7035			ON,,OFF,ON	Direct	R	R	4
%SW7036			ON,,OFF,ON	Direct	R	R	4
%SW7037			ON,,OFF,ON	Direct	R	R	4
%SW7038			ON,,OFF,ON	Direct	R	R	4
%SW7039			ON,,OFF,ON	Direct	R	R	4
%SW7040			ON,,OFF,ON	Direct	R	R	4
%SW7041			ON,,OFF,ON	Direct	R	R	4
%SW7042			ON,,OFF,ON	Direct	R	R	4
%SW7043			ON,,OFF,ON	Direct	R	R	4
%SW7044			ON,,OFF,ON	Direct	R	R	4
%SW7045			ON,,OFF,ON	Direct	R	R	4
%SW7046			ON,,OFF,ON	Direct	R	R	4
%SW7047	SDNFQISW	PURGING SDWN TOTALIZER	ON,,OFF,ON	Direct	R	R	4
%SW7048	MTCFQISW	PURGING MNTNCE TOTALIZER	ON,,OFF,ON	Direct	R	R	4
%SW7049			ON,,OFF,ON	Direct	R	R	4
%SW7050			ON,,OFF,ON	Direct	R	R	4
%SW7051			ON,,OFF,ON	Direct	R	R	4
%SW7052			ON,,OFF,ON	Direct	R	R	4
%SW7053			ON,,OFF,ON	Direct	R	R	4
%SW7054			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-2
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7055			ON,,OFF,ON	Direct	R	R	4
%SW7056	20HSL-7152	QF1 OPEN COMMAND	N_OPEN,,OPEN,N_OPEN	Reverse	R	R	4
%SW7057	20HSH-7152	QF1 CLOSE COMMAND	N_CLOSE,,CLOSE,N_CLOSE	Reverse	R	R	4
%SW7058			ON,,OFF,ON	Direct	R	R	4
%SW7059			ON,,OFF,ON	Direct	R	R	4
%SW7060			ON,,OFF,ON	Direct	R	R	4
%SW7061			ON,,OFF,ON	Direct	R	R	4
%SW7062			ON,,OFF,ON	Direct	R	R	4
%SW7063			ON,,OFF,ON	Direct	R	R	4
%SW7064			ON,,OFF,ON	Direct	R	R	4
%SW7065			ON,,OFF,ON	Direct	R	R	4
%SW7066			ON,,OFF,ON	Direct	R	R	4
%SW7067			ON,,OFF,ON	Direct	R	R	4
%SW7068			ON,,OFF,ON	Direct	R	R	4
%SW7069			ON,,OFF,ON	Direct	R	R	4
%SW7070			ON,,OFF,ON	Direct	R	R	4
%SW7071			ON,,OFF,ON	Direct	R	R	4
%SW7072			ON,,OFF,ON	Direct	R	R	4
%SW7073			ON,,OFF,ON	Direct	R	R	4
%SW7074			ON,,OFF,ON	Direct	R	R	4
%SW7075			ON,,OFF,ON	Direct	R	R	4
%SW7076			ON,,OFF,ON	Direct	R	R	4
%SW7077			ON,,OFF,ON	Direct	R	R	4
%SW7078			ON,,OFF,ON	Direct	R	R	4
%SW7079			ON,,OFF,ON	Direct	R	R	4
%SW7080			ON,,OFF,ON	Direct	R	R	4
%SW7081			ON,,OFF,ON	Direct	R	R	4
%SW7082			ON,,OFF,ON	Direct	R	R	4
%SW7083			ON,,OFF,ON	Direct	R	R	4
%SW7084			ON,,OFF,ON	Direct	R	R	4
%SW7085			ON,,OFF,ON	Direct	R	R	4
%SW7086			ON,,OFF,ON	Direct	R	R	4
%SW7087			ON,,OFF,ON	Direct	R	R	4
%SW7088			ON,,OFF,ON	Direct	R	R	4
%SW7089			ON,,OFF,ON	Direct	R	R	4
%SW7090			ON,,OFF,ON	Direct	R	R	4
%SW7091			ON,,OFF,ON	Direct	R	R	4
%SW7092			ON,,OFF,ON	Direct	R	R	4
%SW7093			ON,,OFF,ON	Direct	R	R	4
%SW7094			ON,,OFF,ON	Direct	R	R	4
%SW7095			ON,,OFF,ON	Direct	R	R	4
%SW7096			ON,,OFF,ON	Direct	R	R	4
%SW7097			ON,,OFF,ON	Direct	R	R	4
%SW7098			ON,,OFF,ON	Direct	R	R	4
%SW7099			ON,,OFF,ON	Direct	R	R	4
%SW7100			ON,,OFF,ON	Direct	R	R	4
%SW7101			ON,,OFF,ON	Direct	R	R	4
%SW7102			ON,,OFF,ON	Direct	R	R	4
%SW7103			ON,,OFF,ON	Direct	R	R	4
%SW7104			ON,,OFF,ON	Direct	R	R	4
%SW7105			ON,,OFF,ON	Direct	R	R	4
%SW7106			ON,,OFF,ON	Direct	R	R	4
%SW7107			ON,,OFF,ON	Direct	R	R	4
%SW7108			ON,,OFF,ON	Direct	R	R	4
%SW7109			ON,,OFF,ON	Direct	R	R	4
%SW7110			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-3
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7111			ON,,OFF,ON	Direct	R	R	4
%SW7112			ON,,OFF,ON	Direct	R	R	4
%SW7113			ON,,OFF,ON	Direct	R	R	4
%SW7114			ON,,OFF,ON	Direct	R	R	4
%SW7115			ON,,OFF,ON	Direct	R	R	4
%SW7116			ON,,OFF,ON	Direct	R	R	4
%SW7117			ON,,OFF,ON	Direct	R	R	4
%SW7118			ON,,OFF,ON	Direct	R	R	4
%SW7119			ON,,OFF,ON	Direct	R	R	4
%SW7120			ON,,OFF,ON	Direct	R	R	4
%SW7121			ON,,OFF,ON	Direct	R	R	4
%SW7122			ON,,OFF,ON	Direct	R	R	4
%SW7123			ON,,OFF,ON	Direct	R	R	4
%SW7124			ON,,OFF,ON	Direct	R	R	4
%SW7125			ON,,OFF,ON	Direct	R	R	4
%SW7126			ON,,OFF,ON	Direct	R	R	4
%SW7127			ON,,OFF,ON	Direct	R	R	4
%SW7128			ON,,OFF,ON	Direct	R	R	4
%SW7129			ON,,OFF,ON	Direct	R	R	4
%SW7130			ON,,OFF,ON	Direct	R	R	4
%SW7131			ON,,OFF,ON	Direct	R	R	4
%SW7132			ON,,OFF,ON	Direct	R	R	4
%SW7133			ON,,OFF,ON	Direct	R	R	4
%SW7134			ON,,OFF,ON	Direct	R	R	4
%SW7135			ON,,OFF,ON	Direct	R	R	4
%SW7136			ON,,OFF,ON	Direct	R	R	4
%SW7137			ON,,OFF,ON	Direct	R	R	4
%SW7138			ON,,OFF,ON	Direct	R	R	4
%SW7139			ON,,OFF,ON	Direct	R	R	4
%SW7140			ON,,OFF,ON	Direct	R	R	4
%SW7141			ON,,OFF,ON	Direct	R	R	4
%SW7142			ON,,OFF,ON	Direct	R	R	4
%SW7143			ON,,OFF,ON	Direct	R	R	4
%SW7144			ON,,OFF,ON	Direct	R	R	4
%SW7145			ON,,OFF,ON	Direct	R	R	4
%SW7146			ON,,OFF,ON	Direct	R	R	4
%SW7147			ON,,OFF,ON	Direct	R	R	4
%SW7148			ON,,OFF,ON	Direct	R	R	4
%SW7149			ON,,OFF,ON	Direct	R	R	4
%SW7150			ON,,OFF,ON	Direct	R	R	4
%SW7151			ON,,OFF,ON	Direct	R	R	4
%SW7152			ON,,OFF,ON	Direct	R	R	4
%SW7153			ON,,OFF,ON	Direct	R	R	4
%SW7154			ON,,OFF,ON	Direct	R	R	4
%SW7155			ON,,OFF,ON	Direct	R	R	4
%SW7156			ON,,OFF,ON	Direct	R	R	4
%SW7157			ON,,OFF,ON	Direct	R	R	4
%SW7158			ON,,OFF,ON	Direct	R	R	4
%SW7159			ON,,OFF,ON	Direct	R	R	4
%SW7160			ON,,OFF,ON	Direct	R	R	4
%SW7161			ON,,OFF,ON	Direct	R	R	4
%SW7162			ON,,OFF,ON	Direct	R	R	4
%SW7163			ON,,OFF,ON	Direct	R	R	4
%SW7164			ON,,OFF,ON	Direct	R	R	4
%SW7165			ON,,OFF,ON	Direct	R	R	4
%SW7166			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-4
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7167			ON,,OFF,ON	Direct	R	R	4
%SW7168			ON,,OFF,ON	Direct	R	R	4
%SW7169			ON,,OFF,ON	Direct	R	R	4
%SW7170			ON,,OFF,ON	Direct	R	R	4
%SW7171			ON,,OFF,ON	Direct	R	R	4
%SW7172			ON,,OFF,ON	Direct	R	R	4
%SW7173			ON,,OFF,ON	Direct	R	R	4
%SW7174			ON,,OFF,ON	Direct	R	R	4
%SW7175			ON,,OFF,ON	Direct	R	R	4
%SW7176			ON,,OFF,ON	Direct	R	R	4
%SW7177			ON,,OFF,ON	Direct	R	R	4
%SW7178			ON,,OFF,ON	Direct	R	R	4
%SW7179			ON,,OFF,ON	Direct	R	R	4
%SW7180			ON,,OFF,ON	Direct	R	R	4
%SW7181			ON,,OFF,ON	Direct	R	R	4
%SW7182			ON,,OFF,ON	Direct	R	R	4
%SW7183			ON,,OFF,ON	Direct	R	R	4
%SW7184			ON,,OFF,ON	Direct	R	R	4
%SW7185			ON,,OFF,ON	Direct	R	R	4
%SW7186			ON,,OFF,ON	Direct	R	R	4
%SW7187			ON,,OFF,ON	Direct	R	R	4
%SW7188			ON,,OFF,ON	Direct	R	R	4
%SW7189			ON,,OFF,ON	Direct	R	R	4
%SW7190			ON,,OFF,ON	Direct	R	R	4
%SW7191			ON,,OFF,ON	Direct	R	R	4
%SW7192			ON,,OFF,ON	Direct	R	R	4
%SW7193			ON,,OFF,ON	Direct	R	R	4
%SW7194			ON,,OFF,ON	Direct	R	R	4
%SW7195			ON,,OFF,ON	Direct	R	R	4
%SW7196			ON,,OFF,ON	Direct	R	R	4
%SW7197			ON,,OFF,ON	Direct	R	R	4
%SW7198			ON,,OFF,ON	Direct	R	R	4
%SW7199			ON,,OFF,ON	Direct	R	R	4
%SW7200			ON,,OFF,ON	Direct	R	R	4
%SW7201			ON,,OFF,ON	Direct	R	R	4
%SW7202			ON,,OFF,ON	Direct	R	R	4
%SW7203			ON,,OFF,ON	Direct	R	R	4
%SW7204			ON,,OFF,ON	Direct	R	R	4
%SW7205			ON,,OFF,ON	Direct	R	R	4
%SW7206			ON,,OFF,ON	Direct	R	R	4
%SW7207			ON,,OFF,ON	Direct	R	R	4
%SW7208			ON,,OFF,ON	Direct	R	R	4
%SW7209			ON,,OFF,ON	Direct	R	R	4
%SW7210			ON,,OFF,ON	Direct	R	R	4
%SW7211			ON,,OFF,ON	Direct	R	R	4
%SW7212			ON,,OFF,ON	Direct	R	R	4
%SW7213			ON,,OFF,ON	Direct	R	R	4
%SW7214			ON,,OFF,ON	Direct	R	R	4
%SW7215			ON,,OFF,ON	Direct	R	R	4
%SW7216			ON,,OFF,ON	Direct	R	R	4
%SW7217			ON,,OFF,ON	Direct	R	R	4
%SW7218			ON,,OFF,ON	Direct	R	R	4
%SW7219			ON,,OFF,ON	Direct	R	R	4
%SW7220			ON,,OFF,ON	Direct	R	R	4
%SW7221			ON,,OFF,ON	Direct	R	R	4
%SW7222			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-5
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7223			ON,,OFF,ON	Direct	R	R	4
%SW7224			ON,,OFF,ON	Direct	R	R	4
%SW7225			ON,,OFF,ON	Direct	R	R	4
%SW7226			ON,,OFF,ON	Direct	R	R	4
%SW7227			ON,,OFF,ON	Direct	R	R	4
%SW7228			ON,,OFF,ON	Direct	R	R	4
%SW7229			ON,,OFF,ON	Direct	R	R	4
%SW7230			ON,,OFF,ON	Direct	R	R	4
%SW7231			ON,,OFF,ON	Direct	R	R	4
%SW7232			ON,,OFF,ON	Direct	R	R	4
%SW7233			ON,,OFF,ON	Direct	R	R	4
%SW7234			ON,,OFF,ON	Direct	R	R	4
%SW7235			ON,,OFF,ON	Direct	R	R	4
%SW7236			ON,,OFF,ON	Direct	R	R	4
%SW7237			ON,,OFF,ON	Direct	R	R	4
%SW7238			ON,,OFF,ON	Direct	R	R	4
%SW7239			ON,,OFF,ON	Direct	R	R	4
%SW7240			ON,,OFF,ON	Direct	R	R	4
%SW7241			ON,,OFF,ON	Direct	R	R	4
%SW7242			ON,,OFF,ON	Direct	R	R	4
%SW7243			ON,,OFF,ON	Direct	R	R	4
%SW7244			ON,,OFF,ON	Direct	R	R	4
%SW7245			ON,,OFF,ON	Direct	R	R	4
%SW7246			ON,,OFF,ON	Direct	R	R	4
%SW7247			ON,,OFF,ON	Direct	R	R	4
%SW7248			ON,,OFF,ON	Direct	R	R	4
%SW7249			ON,,OFF,ON	Direct	R	R	4
%SW7250			ON,,OFF,ON	Direct	R	R	4
%SW7251			ON,,OFF,ON	Direct	R	R	4
%SW7252			ON,,OFF,ON	Direct	R	R	4
%SW7253			ON,,OFF,ON	Direct	R	R	4
%SW7254			ON,,OFF,ON	Direct	R	R	4
%SW7255			ON,,OFF,ON	Direct	R	R	4
%SW7256			ON,,OFF,ON	Direct	R	R	4
%SW7257			ON,,OFF,ON	Direct	R	R	4
%SW7258			ON,,OFF,ON	Direct	R	R	4
%SW7259			ON,,OFF,ON	Direct	R	R	4
%SW7260			ON,,OFF,ON	Direct	R	R	4
%SW7261			ON,,OFF,ON	Direct	R	R	4
%SW7262			ON,,OFF,ON	Direct	R	R	4
%SW7263			ON,,OFF,ON	Direct	R	R	4
%SW7264			ON,,OFF,ON	Direct	R	R	4
%SW7265			ON,,OFF,ON	Direct	R	R	4
%SW7266			ON,,OFF,ON	Direct	R	R	4
%SW7267			ON,,OFF,ON	Direct	R	R	4
%SW7268			ON,,OFF,ON	Direct	R	R	4
%SW7269			ON,,OFF,ON	Direct	R	R	4
%SW7270			ON,,OFF,ON	Direct	R	R	4
%SW7271			ON,,OFF,ON	Direct	R	R	4
%SW7272			ON,,OFF,ON	Direct	R	R	4
%SW7273			ON,,OFF,ON	Direct	R	R	4
%SW7274			ON,,OFF,ON	Direct	R	R	4
%SW7275			ON,,OFF,ON	Direct	R	R	4
%SW7276			ON,,OFF,ON	Direct	R	R	4
%SW7277			ON,,OFF,ON	Direct	R	R	4
%SW7278			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-6
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7279			ON,,OFF,ON	Direct	R	R	4
%SW7280			ON,,OFF,ON	Direct	R	R	4
%SW7281			ON,,OFF,ON	Direct	R	R	4
%SW7282			ON,,OFF,ON	Direct	R	R	4
%SW7283			ON,,OFF,ON	Direct	R	R	4
%SW7284			ON,,OFF,ON	Direct	R	R	4
%SW7285			ON,,OFF,ON	Direct	R	R	4
%SW7286			ON,,OFF,ON	Direct	R	R	4
%SW7287			ON,,OFF,ON	Direct	R	R	4
%SW7288			ON,,OFF,ON	Direct	R	R	4
%SW7289			ON,,OFF,ON	Direct	R	R	4
%SW7290			ON,,OFF,ON	Direct	R	R	4
%SW7291			ON,,OFF,ON	Direct	R	R	4
%SW7292			ON,,OFF,ON	Direct	R	R	4
%SW7293			ON,,OFF,ON	Direct	R	R	4
%SW7294			ON,,OFF,ON	Direct	R	R	4
%SW7295			ON,,OFF,ON	Direct	R	R	4
%SW7296			ON,,OFF,ON	Direct	R	R	4
%SW7297			ON,,OFF,ON	Direct	R	R	4
%SW7298			ON,,OFF,ON	Direct	R	R	4
%SW7299			ON,,OFF,ON	Direct	R	R	4
%SW7300			ON,,OFF,ON	Direct	R	R	4
%SW7301			ON,,OFF,ON	Direct	R	R	4
%SW7302			ON,,OFF,ON	Direct	R	R	4
%SW7303			ON,,OFF,ON	Direct	R	R	4
%SW7304			ON,,OFF,ON	Direct	R	R	4
%SW7305			ON,,OFF,ON	Direct	R	R	4
%SW7306			ON,,OFF,ON	Direct	R	R	4
%SW7307			ON,,OFF,ON	Direct	R	R	4
%SW7308			ON,,OFF,ON	Direct	R	R	4
%SW7309			ON,,OFF,ON	Direct	R	R	4
%SW7310			ON,,OFF,ON	Direct	R	R	4
%SW7311			ON,,OFF,ON	Direct	R	R	4
%SW7312			ON,,OFF,ON	Direct	R	R	4
%SW7313			ON,,OFF,ON	Direct	R	R	4
%SW7314			ON,,OFF,ON	Direct	R	R	4
%SW7315			ON,,OFF,ON	Direct	R	R	4
%SW7316			ON,,OFF,ON	Direct	R	R	4
%SW7317			ON,,OFF,ON	Direct	R	R	4
%SW7318			ON,,OFF,ON	Direct	R	R	4
%SW7319			ON,,OFF,ON	Direct	R	R	4
%SW7320			ON,,OFF,ON	Direct	R	R	4
%SW7321			ON,,OFF,ON	Direct	R	R	4
%SW7322			ON,,OFF,ON	Direct	R	R	4
%SW7323			ON,,OFF,ON	Direct	R	R	4
%SW7324			ON,,OFF,ON	Direct	R	R	4
%SW7325			ON,,OFF,ON	Direct	R	R	4
%SW7326			ON,,OFF,ON	Direct	R	R	4
%SW7327			ON,,OFF,ON	Direct	R	R	4
%SW7328			ON,,OFF,ON	Direct	R	R	4
%SW7329			ON,,OFF,ON	Direct	R	R	4
%SW7330			ON,,OFF,ON	Direct	R	R	4
%SW7331			ON,,OFF,ON	Direct	R	R	4
%SW7332			ON,,OFF,ON	Direct	R	R	4
%SW7333			ON,,OFF,ON	Direct	R	R	4
%SW7334			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-7
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7335			ON,,OFF,ON	Direct	R	R	4
%SW7336			ON,,OFF,ON	Direct	R	R	4
%SW7337			ON,,OFF,ON	Direct	R	R	4
%SW7338			ON,,OFF,ON	Direct	R	R	4
%SW7339			ON,,OFF,ON	Direct	R	R	4
%SW7340			ON,,OFF,ON	Direct	R	R	4
%SW7341			ON,,OFF,ON	Direct	R	R	4
%SW7342			ON,,OFF,ON	Direct	R	R	4
%SW7343			ON,,OFF,ON	Direct	R	R	4
%SW7344			ON,,OFF,ON	Direct	R	R	4
%SW7345			ON,,OFF,ON	Direct	R	R	4
%SW7346			ON,,OFF,ON	Direct	R	R	4
%SW7347			ON,,OFF,ON	Direct	R	R	4
%SW7348			ON,,OFF,ON	Direct	R	R	4
%SW7349			ON,,OFF,ON	Direct	R	R	4
%SW7350			ON,,OFF,ON	Direct	R	R	4
%SW7351			ON,,OFF,ON	Direct	R	R	4
%SW7352			ON,,OFF,ON	Direct	R	R	4
%SW7353			ON,,OFF,ON	Direct	R	R	4
%SW7354			ON,,OFF,ON	Direct	R	R	4
%SW7355			ON,,OFF,ON	Direct	R	R	4
%SW7356			ON,,OFF,ON	Direct	R	R	4
%SW7357			ON,,OFF,ON	Direct	R	R	4
%SW7358			ON,,OFF,ON	Direct	R	R	4
%SW7359			ON,,OFF,ON	Direct	R	R	4
%SW7360			ON,,OFF,ON	Direct	R	R	4
%SW7361			ON,,OFF,ON	Direct	R	R	4
%SW7362			ON,,OFF,ON	Direct	R	R	4
%SW7363			ON,,OFF,ON	Direct	R	R	4
%SW7364			ON,,OFF,ON	Direct	R	R	4
%SW7365			ON,,OFF,ON	Direct	R	R	4
%SW7366			ON,,OFF,ON	Direct	R	R	4
%SW7367			ON,,OFF,ON	Direct	R	R	4
%SW7368			ON,,OFF,ON	Direct	R	R	4
%SW7369			ON,,OFF,ON	Direct	R	R	4
%SW7370			ON,,OFF,ON	Direct	R	R	4
%SW7371			ON,,OFF,ON	Direct	R	R	4
%SW7372			ON,,OFF,ON	Direct	R	R	4
%SW7373			ON,,OFF,ON	Direct	R	R	4
%SW7374			ON,,OFF,ON	Direct	R	R	4
%SW7375			ON,,OFF,ON	Direct	R	R	4
%SW7376			ON,,OFF,ON	Direct	R	R	4
%SW7377			ON,,OFF,ON	Direct	R	R	4
%SW7378			ON,,OFF,ON	Direct	R	R	4
%SW7379			ON,,OFF,ON	Direct	R	R	4
%SW7380			ON,,OFF,ON	Direct	R	R	4
%SW7381			ON,,OFF,ON	Direct	R	R	4
%SW7382			ON,,OFF,ON	Direct	R	R	4
%SW7383			ON,,OFF,ON	Direct	R	R	4
%SW7384			ON,,OFF,ON	Direct	R	R	4
%SW7385			ON,,OFF,ON	Direct	R	R	4
%SW7386			ON,,OFF,ON	Direct	R	R	4
%SW7387			ON,,OFF,ON	Direct	R	R	4
%SW7388			ON,,OFF,ON	Direct	R	R	4
%SW7389			ON,,OFF,ON	Direct	R	R	4
%SW7390			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-8
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7391			ON,,OFF,ON	Direct	R	R	4
%SW7392			ON,,OFF,ON	Direct	R	R	4
%SW7393			ON,,OFF,ON	Direct	R	R	4
%SW7394			ON,,OFF,ON	Direct	R	R	4
%SW7395			ON,,OFF,ON	Direct	R	R	4
%SW7396			ON,,OFF,ON	Direct	R	R	4
%SW7397			ON,,OFF,ON	Direct	R	R	4
%SW7398			ON,,OFF,ON	Direct	R	R	4
%SW7399			ON,,OFF,ON	Direct	R	R	4
%SW7400			ON,,OFF,ON	Direct	R	R	4
%SW7401			ON,,OFF,ON	Direct	R	R	4
%SW7402			ON,,OFF,ON	Direct	R	R	4
%SW7403			ON,,OFF,ON	Direct	R	R	4
%SW7404			ON,,OFF,ON	Direct	R	R	4
%SW7405			ON,,OFF,ON	Direct	R	R	4
%SW7406			ON,,OFF,ON	Direct	R	R	4
%SW7407			ON,,OFF,ON	Direct	R	R	4
%SW7408			ON,,OFF,ON	Direct	R	R	4
%SW7409			ON,,OFF,ON	Direct	R	R	4
%SW7410			ON,,OFF,ON	Direct	R	R	4
%SW7411			ON,,OFF,ON	Direct	R	R	4
%SW7412			ON,,OFF,ON	Direct	R	R	4
%SW7413			ON,,OFF,ON	Direct	R	R	4
%SW7414			ON,,OFF,ON	Direct	R	R	4
%SW7415			ON,,OFF,ON	Direct	R	R	4
%SW7416			ON,,OFF,ON	Direct	R	R	4
%SW7417			ON,,OFF,ON	Direct	R	R	4
%SW7418			ON,,OFF,ON	Direct	R	R	4
%SW7419			ON,,OFF,ON	Direct	R	R	4
%SW7420			ON,,OFF,ON	Direct	R	R	4
%SW7421			ON,,OFF,ON	Direct	R	R	4
%SW7422			ON,,OFF,ON	Direct	R	R	4
%SW7423			ON,,OFF,ON	Direct	R	R	4
%SW7424			ON,,OFF,ON	Direct	R	R	4
%SW7425			ON,,OFF,ON	Direct	R	R	4
%SW7426			ON,,OFF,ON	Direct	R	R	4
%SW7427			ON,,OFF,ON	Direct	R	R	4
%SW7428			ON,,OFF,ON	Direct	R	R	4
%SW7429			ON,,OFF,ON	Direct	R	R	4
%SW7430			ON,,OFF,ON	Direct	R	R	4
%SW7431			ON,,OFF,ON	Direct	R	R	4
%SW7432			ON,,OFF,ON	Direct	R	R	4
%SW7433			ON,,OFF,ON	Direct	R	R	4
%SW7434			ON,,OFF,ON	Direct	R	R	4
%SW7435			ON,,OFF,ON	Direct	R	R	4
%SW7436			ON,,OFF,ON	Direct	R	R	4
%SW7437			ON,,OFF,ON	Direct	R	R	4
%SW7438			ON,,OFF,ON	Direct	R	R	4
%SW7439			ON,,OFF,ON	Direct	R	R	4
%SW7440			ON,,OFF,ON	Direct	R	R	4
%SW7441			ON,,OFF,ON	Direct	R	R	4
%SW7442			ON,,OFF,ON	Direct	R	R	4
%SW7443			ON,,OFF,ON	Direct	R	R	4
%SW7444			ON,,OFF,ON	Direct	R	R	4
%SW7445			ON,,OFF,ON	Direct	R	R	4
%SW7446			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-9
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7447			ON,,OFF,ON	Direct	R	R	4
%SW7448			ON,,OFF,ON	Direct	R	R	4
%SW7449			ON,,OFF,ON	Direct	R	R	4
%SW7450			ON,,OFF,ON	Direct	R	R	4
%SW7451			ON,,OFF,ON	Direct	R	R	4
%SW7452			ON,,OFF,ON	Direct	R	R	4
%SW7453			ON,,OFF,ON	Direct	R	R	4
%SW7454			ON,,OFF,ON	Direct	R	R	4
%SW7455			ON,,OFF,ON	Direct	R	R	4
%SW7456			ON,,OFF,ON	Direct	R	R	4
%SW7457			ON,,OFF,ON	Direct	R	R	4
%SW7458			ON,,OFF,ON	Direct	R	R	4
%SW7459			ON,,OFF,ON	Direct	R	R	4
%SW7460			ON,,OFF,ON	Direct	R	R	4
%SW7461			ON,,OFF,ON	Direct	R	R	4
%SW7462			ON,,OFF,ON	Direct	R	R	4
%SW7463			ON,,OFF,ON	Direct	R	R	4
%SW7464			ON,,OFF,ON	Direct	R	R	4
%SW7465			ON,,OFF,ON	Direct	R	R	4
%SW7466			ON,,OFF,ON	Direct	R	R	4
%SW7467			ON,,OFF,ON	Direct	R	R	4
%SW7468			ON,,OFF,ON	Direct	R	R	4
%SW7469			ON,,OFF,ON	Direct	R	R	4
%SW7470			ON,,OFF,ON	Direct	R	R	4
%SW7471			ON,,OFF,ON	Direct	R	R	4
%SW7472			ON,,OFF,ON	Direct	R	R	4
%SW7473			ON,,OFF,ON	Direct	R	R	4
%SW7474			ON,,OFF,ON	Direct	R	R	4
%SW7475			ON,,OFF,ON	Direct	R	R	4
%SW7476			ON,,OFF,ON	Direct	R	R	4
%SW7477			ON,,OFF,ON	Direct	R	R	4
%SW7478			ON,,OFF,ON	Direct	R	R	4
%SW7479			ON,,OFF,ON	Direct	R	R	4
%SW7480			ON,,OFF,ON	Direct	R	R	4
%SW7481			ON,,OFF,ON	Direct	R	R	4
%SW7482			ON,,OFF,ON	Direct	R	R	4
%SW7483			ON,,OFF,ON	Direct	R	R	4
%SW7484			ON,,OFF,ON	Direct	R	R	4
%SW7485			ON,,OFF,ON	Direct	R	R	4
%SW7486			ON,,OFF,ON	Direct	R	R	4
%SW7487			ON,,OFF,ON	Direct	R	R	4
%SW7488			ON,,OFF,ON	Direct	R	R	4
%SW7489			ON,,OFF,ON	Direct	R	R	4
%SW7490			ON,,OFF,ON	Direct	R	R	4
%SW7491			ON,,OFF,ON	Direct	R	R	4
%SW7492			ON,,OFF,ON	Direct	R	R	4
%SW7493			ON,,OFF,ON	Direct	R	R	4
%SW7494			ON,,OFF,ON	Direct	R	R	4
%SW7495			ON,,OFF,ON	Direct	R	R	4
%SW7496			ON,,OFF,ON	Direct	R	R	4
%SW7497			ON,,OFF,ON	Direct	R	R	4
%SW7498			ON,,OFF,ON	Direct	R	R	4
%SW7499			ON,,OFF,ON	Direct	R	R	4
%SW7500			ON,,OFF,ON	Direct	R	R	4
%SW7501			ON,,OFF,ON	Direct	R	R	4
%SW7502			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-10
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7503			ON,,OFF,ON	Direct	R	R	4
%SW7504			ON,,OFF,ON	Direct	R	R	4
%SW7505			ON,,OFF,ON	Direct	R	R	4
%SW7506			ON,,OFF,ON	Direct	R	R	4
%SW7507			ON,,OFF,ON	Direct	R	R	4
%SW7508			ON,,OFF,ON	Direct	R	R	4
%SW7509			ON,,OFF,ON	Direct	R	R	4
%SW7510			ON,,OFF,ON	Direct	R	R	4
%SW7511			ON,,OFF,ON	Direct	R	R	4
%SW7512			ON,,OFF,ON	Direct	R	R	4
%SW7513			ON,,OFF,ON	Direct	R	R	4
%SW7514			ON,,OFF,ON	Direct	R	R	4
%SW7515			ON,,OFF,ON	Direct	R	R	4
%SW7516			ON,,OFF,ON	Direct	R	R	4
%SW7517			ON,,OFF,ON	Direct	R	R	4
%SW7518			ON,,OFF,ON	Direct	R	R	4
%SW7519			ON,,OFF,ON	Direct	R	R	4
%SW7520			ON,,OFF,ON	Direct	R	R	4
%SW7521			ON,,OFF,ON	Direct	R	R	4
%SW7522			ON,,OFF,ON	Direct	R	R	4
%SW7523			ON,,OFF,ON	Direct	R	R	4
%SW7524			ON,,OFF,ON	Direct	R	R	4
%SW7525			ON,,OFF,ON	Direct	R	R	4
%SW7526			ON,,OFF,ON	Direct	R	R	4
%SW7527			ON,,OFF,ON	Direct	R	R	4
%SW7528			ON,,OFF,ON	Direct	R	R	4
%SW7529			ON,,OFF,ON	Direct	R	R	4
%SW7530			ON,,OFF,ON	Direct	R	R	4
%SW7531			ON,,OFF,ON	Direct	R	R	4
%SW7532			ON,,OFF,ON	Direct	R	R	4
%SW7533			ON,,OFF,ON	Direct	R	R	4
%SW7534			ON,,OFF,ON	Direct	R	R	4
%SW7535			ON,,OFF,ON	Direct	R	R	4
%SW7536			ON,,OFF,ON	Direct	R	R	4
%SW7537			ON,,OFF,ON	Direct	R	R	4
%SW7538			ON,,OFF,ON	Direct	R	R	4
%SW7539			ON,,OFF,ON	Direct	R	R	4
%SW7540			ON,,OFF,ON	Direct	R	R	4
%SW7541			ON,,OFF,ON	Direct	R	R	4
%SW7542			ON,,OFF,ON	Direct	R	R	4
%SW7543			ON,,OFF,ON	Direct	R	R	4
%SW7544			ON,,OFF,ON	Direct	R	R	4
%SW7545			ON,,OFF,ON	Direct	R	R	4
%SW7546			ON,,OFF,ON	Direct	R	R	4
%SW7547			ON,,OFF,ON	Direct	R	R	4
%SW7548			ON,,OFF,ON	Direct	R	R	4
%SW7549			ON,,OFF,ON	Direct	R	R	4
%SW7550			ON,,OFF,ON	Direct	R	R	4
%SW7551			ON,,OFF,ON	Direct	R	R	4
%SW7552			ON,,OFF,ON	Direct	R	R	4
%SW7553			ON,,OFF,ON	Direct	R	R	4
%SW7554			ON,,OFF,ON	Direct	R	R	4
%SW7555			ON,,OFF,ON	Direct	R	R	4
%SW7556			ON,,OFF,ON	Direct	R	R	4
%SW7557			ON,,OFF,ON	Direct	R	R	4
%SW7558			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-11
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7559			ON,,OFF,ON	Direct	R	R	4
%SW7560			ON,,OFF,ON	Direct	R	R	4
%SW7561			ON,,OFF,ON	Direct	R	R	4
%SW7562			ON,,OFF,ON	Direct	R	R	4
%SW7563			ON,,OFF,ON	Direct	R	R	4
%SW7564			ON,,OFF,ON	Direct	R	R	4
%SW7565			ON,,OFF,ON	Direct	R	R	4
%SW7566			ON,,OFF,ON	Direct	R	R	4
%SW7567			ON,,OFF,ON	Direct	R	R	4
%SW7568			ON,,OFF,ON	Direct	R	R	4
%SW7569			ON,,OFF,ON	Direct	R	R	4
%SW7570			ON,,OFF,ON	Direct	R	R	4
%SW7571			ON,,OFF,ON	Direct	R	R	4
%SW7572			ON,,OFF,ON	Direct	R	R	4
%SW7573			ON,,OFF,ON	Direct	R	R	4
%SW7574			ON,,OFF,ON	Direct	R	R	4
%SW7575			ON,,OFF,ON	Direct	R	R	4
%SW7576			ON,,OFF,ON	Direct	R	R	4
%SW7577			ON,,OFF,ON	Direct	R	R	4
%SW7578			ON,,OFF,ON	Direct	R	R	4
%SW7579			ON,,OFF,ON	Direct	R	R	4
%SW7580			ON,,OFF,ON	Direct	R	R	4
%SW7581			ON,,OFF,ON	Direct	R	R	4
%SW7582			ON,,OFF,ON	Direct	R	R	4
%SW7583			ON,,OFF,ON	Direct	R	R	4
%SW7584			ON,,OFF,ON	Direct	R	R	4
%SW7585			ON,,OFF,ON	Direct	R	R	4
%SW7586			ON,,OFF,ON	Direct	R	R	4
%SW7587			ON,,OFF,ON	Direct	R	R	4
%SW7588			ON,,OFF,ON	Direct	R	R	4
%SW7589			ON,,OFF,ON	Direct	R	R	4
%SW7590			ON,,OFF,ON	Direct	R	R	4
%SW7591			ON,,OFF,ON	Direct	R	R	4
%SW7592			ON,,OFF,ON	Direct	R	R	4
%SW7593			ON,,OFF,ON	Direct	R	R	4
%SW7594			ON,,OFF,ON	Direct	R	R	4
%SW7595			ON,,OFF,ON	Direct	R	R	4
%SW7596			ON,,OFF,ON	Direct	R	R	4
%SW7597			ON,,OFF,ON	Direct	R	R	4
%SW7598			ON,,OFF,ON	Direct	R	R	4
%SW7599			ON,,OFF,ON	Direct	R	R	4
%SW7600			ON,,OFF,ON	Direct	R	R	4
%SW7601			ON,,OFF,ON	Direct	R	R	4
%SW7602			ON,,OFF,ON	Direct	R	R	4
%SW7603			ON,,OFF,ON	Direct	R	R	4
%SW7604			ON,,OFF,ON	Direct	R	R	4
%SW7605			ON,,OFF,ON	Direct	R	R	4
%SW7606			ON,,OFF,ON	Direct	R	R	4
%SW7607			ON,,OFF,ON	Direct	R	R	4
%SW7608			ON,,OFF,ON	Direct	R	R	4
%SW7609			ON,,OFF,ON	Direct	R	R	4
%SW7610			ON,,OFF,ON	Direct	R	R	4
%SW7611			ON,,OFF,ON	Direct	R	R	4
%SW7612			ON,,OFF,ON	Direct	R	R	4
%SW7613			ON,,OFF,ON	Direct	R	R	4
%SW7614			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-12
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7615			ON,,OFF,ON	Direct	R	R	4
%SW7616			ON,,OFF,ON	Direct	R	R	4
%SW7617			ON,,OFF,ON	Direct	R	R	4
%SW7618			ON,,OFF,ON	Direct	R	R	4
%SW7619			ON,,OFF,ON	Direct	R	R	4
%SW7620			ON,,OFF,ON	Direct	R	R	4
%SW7621			ON,,OFF,ON	Direct	R	R	4
%SW7622			ON,,OFF,ON	Direct	R	R	4
%SW7623			ON,,OFF,ON	Direct	R	R	4
%SW7624			ON,,OFF,ON	Direct	R	R	4
%SW7625			ON,,OFF,ON	Direct	R	R	4
%SW7626			ON,,OFF,ON	Direct	R	R	4
%SW7627			ON,,OFF,ON	Direct	R	R	4
%SW7628			ON,,OFF,ON	Direct	R	R	4
%SW7629			ON,,OFF,ON	Direct	R	R	4
%SW7630			ON,,OFF,ON	Direct	R	R	4
%SW7631			ON,,OFF,ON	Direct	R	R	4
%SW7632			ON,,OFF,ON	Direct	R	R	4
%SW7633			ON,,OFF,ON	Direct	R	R	4
%SW7634			ON,,OFF,ON	Direct	R	R	4
%SW7635			ON,,OFF,ON	Direct	R	R	4
%SW7636			ON,,OFF,ON	Direct	R	R	4
%SW7637			ON,,OFF,ON	Direct	R	R	4
%SW7638			ON,,OFF,ON	Direct	R	R	4
%SW7639			ON,,OFF,ON	Direct	R	R	4
%SW7640			ON,,OFF,ON	Direct	R	R	4
%SW7641			ON,,OFF,ON	Direct	R	R	4
%SW7642			ON,,OFF,ON	Direct	R	R	4
%SW7643			ON,,OFF,ON	Direct	R	R	4
%SW7644			ON,,OFF,ON	Direct	R	R	4
%SW7645			ON,,OFF,ON	Direct	R	R	4
%SW7646			ON,,OFF,ON	Direct	R	R	4
%SW7647			ON,,OFF,ON	Direct	R	R	4
%SW7648			ON,,OFF,ON	Direct	R	R	4
%SW7649			ON,,OFF,ON	Direct	R	R	4
%SW7650			ON,,OFF,ON	Direct	R	R	4
%SW7651			ON,,OFF,ON	Direct	R	R	4
%SW7652			ON,,OFF,ON	Direct	R	R	4
%SW7653			ON,,OFF,ON	Direct	R	R	4
%SW7654			ON,,OFF,ON	Direct	R	R	4
%SW7655			ON,,OFF,ON	Direct	R	R	4
%SW7656			ON,,OFF,ON	Direct	R	R	4
%SW7657			ON,,OFF,ON	Direct	R	R	4
%SW7658			ON,,OFF,ON	Direct	R	R	4
%SW7659			ON,,OFF,ON	Direct	R	R	4
%SW7660			ON,,OFF,ON	Direct	R	R	4
%SW7661			ON,,OFF,ON	Direct	R	R	4
%SW7662			ON,,OFF,ON	Direct	R	R	4
%SW7663			ON,,OFF,ON	Direct	R	R	4
%SW7664			ON,,OFF,ON	Direct	R	R	4
%SW7665			ON,,OFF,ON	Direct	R	R	4
%SW7666			ON,,OFF,ON	Direct	R	R	4
%SW7667			ON,,OFF,ON	Direct	R	R	4
%SW7668			ON,,OFF,ON	Direct	R	R	4
%SW7669			ON,,OFF,ON	Direct	R	R	4
%SW7670			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-13
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7671			ON,,OFF,ON	Direct	R	R	4
%SW7672			ON,,OFF,ON	Direct	R	R	4
%SW7673			ON,,OFF,ON	Direct	R	R	4
%SW7674			ON,,OFF,ON	Direct	R	R	4
%SW7675			ON,,OFF,ON	Direct	R	R	4
%SW7676			ON,,OFF,ON	Direct	R	R	4
%SW7677			ON,,OFF,ON	Direct	R	R	4
%SW7678			ON,,OFF,ON	Direct	R	R	4
%SW7679			ON,,OFF,ON	Direct	R	R	4
%SW7680			ON,,OFF,ON	Direct	R	R	4
%SW7681			ON,,OFF,ON	Direct	R	R	4
%SW7682			ON,,OFF,ON	Direct	R	R	4
%SW7683			ON,,OFF,ON	Direct	R	R	4
%SW7684			ON,,OFF,ON	Direct	R	R	4
%SW7685			ON,,OFF,ON	Direct	R	R	4
%SW7686			ON,,OFF,ON	Direct	R	R	4
%SW7687			ON,,OFF,ON	Direct	R	R	4
%SW7688			ON,,OFF,ON	Direct	R	R	4
%SW7689			ON,,OFF,ON	Direct	R	R	4
%SW7690			ON,,OFF,ON	Direct	R	R	4
%SW7691			ON,,OFF,ON	Direct	R	R	4
%SW7692			ON,,OFF,ON	Direct	R	R	4
%SW7693			ON,,OFF,ON	Direct	R	R	4
%SW7694			ON,,OFF,ON	Direct	R	R	4
%SW7695			ON,,OFF,ON	Direct	R	R	4
%SW7696			ON,,OFF,ON	Direct	R	R	4
%SW7697			ON,,OFF,ON	Direct	R	R	4
%SW7698			ON,,OFF,ON	Direct	R	R	4
%SW7699			ON,,OFF,ON	Direct	R	R	4
%SW7700			ON,,OFF,ON	Direct	R	R	4
%SW7701			ON,,OFF,ON	Direct	R	R	4
%SW7702			ON,,OFF,ON	Direct	R	R	4
%SW7703			ON,,OFF,ON	Direct	R	R	4
%SW7704			ON,,OFF,ON	Direct	R	R	4
%SW7705			ON,,OFF,ON	Direct	R	R	4
%SW7706			ON,,OFF,ON	Direct	R	R	4
%SW7707			ON,,OFF,ON	Direct	R	R	4
%SW7708			ON,,OFF,ON	Direct	R	R	4
%SW7709			ON,,OFF,ON	Direct	R	R	4
%SW7710			ON,,OFF,ON	Direct	R	R	4
%SW7711			ON,,OFF,ON	Direct	R	R	4
%SW7712			ON,,OFF,ON	Direct	R	R	4
%SW7713			ON,,OFF,ON	Direct	R	R	4
%SW7714			ON,,OFF,ON	Direct	R	R	4
%SW7715			ON,,OFF,ON	Direct	R	R	4
%SW7716			ON,,OFF,ON	Direct	R	R	4
%SW7717			ON,,OFF,ON	Direct	R	R	4
%SW7718			ON,,OFF,ON	Direct	R	R	4
%SW7719			ON,,OFF,ON	Direct	R	R	4
%SW7720			ON,,OFF,ON	Direct	R	R	4
%SW7721			ON,,OFF,ON	Direct	R	R	4
%SW7722			ON,,OFF,ON	Direct	R	R	4
%SW7723			ON,,OFF,ON	Direct	R	R	4
%SW7724			ON,,OFF,ON	Direct	R	R	4
%SW7725			ON,,OFF,ON	Direct	R	R	4
%SW7726			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-14
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7727			ON,,OFF,ON	Direct	R	R	4
%SW7728			ON,,OFF,ON	Direct	R	R	4
%SW7729			ON,,OFF,ON	Direct	R	R	4
%SW7730			ON,,OFF,ON	Direct	R	R	4
%SW7731			ON,,OFF,ON	Direct	R	R	4
%SW7732			ON,,OFF,ON	Direct	R	R	4
%SW7733			ON,,OFF,ON	Direct	R	R	4
%SW7734			ON,,OFF,ON	Direct	R	R	4
%SW7735			ON,,OFF,ON	Direct	R	R	4
%SW7736			ON,,OFF,ON	Direct	R	R	4
%SW7737			ON,,OFF,ON	Direct	R	R	4
%SW7738			ON,,OFF,ON	Direct	R	R	4
%SW7739			ON,,OFF,ON	Direct	R	R	4
%SW7740			ON,,OFF,ON	Direct	R	R	4
%SW7741			ON,,OFF,ON	Direct	R	R	4
%SW7742			ON,,OFF,ON	Direct	R	R	4
%SW7743			ON,,OFF,ON	Direct	R	R	4
%SW7744			ON,,OFF,ON	Direct	R	R	4
%SW7745			ON,,OFF,ON	Direct	R	R	4
%SW7746			ON,,OFF,ON	Direct	R	R	4
%SW7747			ON,,OFF,ON	Direct	R	R	4
%SW7748			ON,,OFF,ON	Direct	R	R	4
%SW7749			ON,,OFF,ON	Direct	R	R	4
%SW7750			ON,,OFF,ON	Direct	R	R	4
%SW7751			ON,,OFF,ON	Direct	R	R	4
%SW7752			ON,,OFF,ON	Direct	R	R	4
%SW7753			ON,,OFF,ON	Direct	R	R	4
%SW7754			ON,,OFF,ON	Direct	R	R	4
%SW7755			ON,,OFF,ON	Direct	R	R	4
%SW7756			ON,,OFF,ON	Direct	R	R	4
%SW7757			ON,,OFF,ON	Direct	R	R	4
%SW7758			ON,,OFF,ON	Direct	R	R	4
%SW7759			ON,,OFF,ON	Direct	R	R	4
%SW7760			ON,,OFF,ON	Direct	R	R	4
%SW7761			ON,,OFF,ON	Direct	R	R	4
%SW7762			ON,,OFF,ON	Direct	R	R	4
%SW7763			ON,,OFF,ON	Direct	R	R	4
%SW7764			ON,,OFF,ON	Direct	R	R	4
%SW7765			ON,,OFF,ON	Direct	R	R	4
%SW7766			ON,,OFF,ON	Direct	R	R	4
%SW7767			ON,,OFF,ON	Direct	R	R	4
%SW7768			ON,,OFF,ON	Direct	R	R	4
%SW7769			ON,,OFF,ON	Direct	R	R	4
%SW7770			ON,,OFF,ON	Direct	R	R	4
%SW7771			ON,,OFF,ON	Direct	R	R	4
%SW7772			ON,,OFF,ON	Direct	R	R	4
%SW7773			ON,,OFF,ON	Direct	R	R	4
%SW7774			ON,,OFF,ON	Direct	R	R	4
%SW7775			ON,,OFF,ON	Direct	R	R	4
%SW7776			ON,,OFF,ON	Direct	R	R	4
%SW7777			ON,,OFF,ON	Direct	R	R	4
%SW7778			ON,,OFF,ON	Direct	R	R	4
%SW7779			ON,,OFF,ON	Direct	R	R	4
%SW7780			ON,,OFF,ON	Direct	R	R	4
%SW7781			ON,,OFF,ON	Direct	R	R	4
%SW7782			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-15
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7783			ON,,OFF,ON	Direct	R	R	4
%SW7784			ON,,OFF,ON	Direct	R	R	4
%SW7785			ON,,OFF,ON	Direct	R	R	4
%SW7786			ON,,OFF,ON	Direct	R	R	4
%SW7787			ON,,OFF,ON	Direct	R	R	4
%SW7788			ON,,OFF,ON	Direct	R	R	4
%SW7789			ON,,OFF,ON	Direct	R	R	4
%SW7790			ON,,OFF,ON	Direct	R	R	4
%SW7791			ON,,OFF,ON	Direct	R	R	4
%SW7792			ON,,OFF,ON	Direct	R	R	4
%SW7793			ON,,OFF,ON	Direct	R	R	4
%SW7794			ON,,OFF,ON	Direct	R	R	4
%SW7795			ON,,OFF,ON	Direct	R	R	4
%SW7796			ON,,OFF,ON	Direct	R	R	4
%SW7797			ON,,OFF,ON	Direct	R	R	4
%SW7798			ON,,OFF,ON	Direct	R	R	4
%SW7799			ON,,OFF,ON	Direct	R	R	4
%SW7800			ON,,OFF,ON	Direct	R	R	4
%SW7801			ON,,OFF,ON	Direct	R	R	4
%SW7802			ON,,OFF,ON	Direct	R	R	4
%SW7803			ON,,OFF,ON	Direct	R	R	4
%SW7804			ON,,OFF,ON	Direct	R	R	4
%SW7805			ON,,OFF,ON	Direct	R	R	4
%SW7806			ON,,OFF,ON	Direct	R	R	4
%SW7807			ON,,OFF,ON	Direct	R	R	4
%SW7808			ON,,OFF,ON	Direct	R	R	4
%SW7809			ON,,OFF,ON	Direct	R	R	4
%SW7810			ON,,OFF,ON	Direct	R	R	4
%SW7811			ON,,OFF,ON	Direct	R	R	4
%SW7812			ON,,OFF,ON	Direct	R	R	4
%SW7813			ON,,OFF,ON	Direct	R	R	4
%SW7814			ON,,OFF,ON	Direct	R	R	4
%SW7815			ON,,OFF,ON	Direct	R	R	4
%SW7816			ON,,OFF,ON	Direct	R	R	4
%SW7817			ON,,OFF,ON	Direct	R	R	4
%SW7818			ON,,OFF,ON	Direct	R	R	4
%SW7819			ON,,OFF,ON	Direct	R	R	4
%SW7820			ON,,OFF,ON	Direct	R	R	4
%SW7821			ON,,OFF,ON	Direct	R	R	4
%SW7822			ON,,OFF,ON	Direct	R	R	4
%SW7823			ON,,OFF,ON	Direct	R	R	4
%SW7824			ON,,OFF,ON	Direct	R	R	4
%SW7825			ON,,OFF,ON	Direct	R	R	4
%SW7826			ON,,OFF,ON	Direct	R	R	4
%SW7827			ON,,OFF,ON	Direct	R	R	4
%SW7828			ON,,OFF,ON	Direct	R	R	4
%SW7829			ON,,OFF,ON	Direct	R	R	4
%SW7830			ON,,OFF,ON	Direct	R	R	4
%SW7831			ON,,OFF,ON	Direct	R	R	4
%SW7832			ON,,OFF,ON	Direct	R	R	4
%SW7833			ON,,OFF,ON	Direct	R	R	4
%SW7834			ON,,OFF,ON	Direct	R	R	4
%SW7835			ON,,OFF,ON	Direct	R	R	4
%SW7836			ON,,OFF,ON	Direct	R	R	4
%SW7837			ON,,OFF,ON	Direct	R	R	4
%SW7838			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-16
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7839			ON,,OFF,ON	Direct	R	R	4
%SW7840			ON,,OFF,ON	Direct	R	R	4
%SW7841			ON,,OFF,ON	Direct	R	R	4
%SW7842			ON,,OFF,ON	Direct	R	R	4
%SW7843			ON,,OFF,ON	Direct	R	R	4
%SW7844			ON,,OFF,ON	Direct	R	R	4
%SW7845			ON,,OFF,ON	Direct	R	R	4
%SW7846			ON,,OFF,ON	Direct	R	R	4
%SW7847			ON,,OFF,ON	Direct	R	R	4
%SW7848			ON,,OFF,ON	Direct	R	R	4
%SW7849			ON,,OFF,ON	Direct	R	R	4
%SW7850			ON,,OFF,ON	Direct	R	R	4
%SW7851			ON,,OFF,ON	Direct	R	R	4
%SW7852			ON,,OFF,ON	Direct	R	R	4
%SW7853			ON,,OFF,ON	Direct	R	R	4
%SW7854			ON,,OFF,ON	Direct	R	R	4
%SW7855			ON,,OFF,ON	Direct	R	R	4
%SW7856			ON,,OFF,ON	Direct	R	R	4
%SW7857			ON,,OFF,ON	Direct	R	R	4
%SW7858			ON,,OFF,ON	Direct	R	R	4
%SW7859			ON,,OFF,ON	Direct	R	R	4
%SW7860			ON,,OFF,ON	Direct	R	R	4
%SW7861			ON,,OFF,ON	Direct	R	R	4
%SW7862			ON,,OFF,ON	Direct	R	R	4
%SW7863			ON,,OFF,ON	Direct	R	R	4
%SW7864			ON,,OFF,ON	Direct	R	R	4
%SW7865			ON,,OFF,ON	Direct	R	R	4
%SW7866			ON,,OFF,ON	Direct	R	R	4
%SW7867			ON,,OFF,ON	Direct	R	R	4
%SW7868			ON,,OFF,ON	Direct	R	R	4
%SW7869			ON,,OFF,ON	Direct	R	R	4
%SW7870			ON,,OFF,ON	Direct	R	R	4
%SW7871			ON,,OFF,ON	Direct	R	R	4
%SW7872			ON,,OFF,ON	Direct	R	R	4
%SW7873			ON,,OFF,ON	Direct	R	R	4
%SW7874			ON,,OFF,ON	Direct	R	R	4
%SW7875			ON,,OFF,ON	Direct	R	R	4
%SW7876			ON,,OFF,ON	Direct	R	R	4
%SW7877			ON,,OFF,ON	Direct	R	R	4
%SW7878			ON,,OFF,ON	Direct	R	R	4
%SW7879			ON,,OFF,ON	Direct	R	R	4
%SW7880			ON,,OFF,ON	Direct	R	R	4
%SW7881			ON,,OFF,ON	Direct	R	R	4
%SW7882			ON,,OFF,ON	Direct	R	R	4
%SW7883			ON,,OFF,ON	Direct	R	R	4
%SW7884			ON,,OFF,ON	Direct	R	R	4
%SW7885			ON,,OFF,ON	Direct	R	R	4
%SW7886			ON,,OFF,ON	Direct	R	R	4
%SW7887			ON,,OFF,ON	Direct	R	R	4
%SW7888			ON,,OFF,ON	Direct	R	R	4
%SW7889			ON,,OFF,ON	Direct	R	R	4
%SW7890			ON,,OFF,ON	Direct	R	R	4
%SW7891			ON,,OFF,ON	Direct	R	R	4
%SW7892			ON,,OFF,ON	Direct	R	R	4
%SW7893			ON,,OFF,ON	Direct	R	R	4
%SW7894			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-17
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7895			ON,,OFF,ON	Direct	R	R	4
%SW7896			ON,,OFF,ON	Direct	R	R	4
%SW7897			ON,,OFF,ON	Direct	R	R	4
%SW7898			ON,,OFF,ON	Direct	R	R	4
%SW7899			ON,,OFF,ON	Direct	R	R	4
%SW7900			ON,,OFF,ON	Direct	R	R	4
%SW7901			ON,,OFF,ON	Direct	R	R	4
%SW7902			ON,,OFF,ON	Direct	R	R	4
%SW7903			ON,,OFF,ON	Direct	R	R	4
%SW7904			ON,,OFF,ON	Direct	R	R	4
%SW7905			ON,,OFF,ON	Direct	R	R	4
%SW7906			ON,,OFF,ON	Direct	R	R	4
%SW7907			ON,,OFF,ON	Direct	R	R	4
%SW7908			ON,,OFF,ON	Direct	R	R	4
%SW7909			ON,,OFF,ON	Direct	R	R	4
%SW7910			ON,,OFF,ON	Direct	R	R	4
%SW7911			ON,,OFF,ON	Direct	R	R	4
%SW7912			ON,,OFF,ON	Direct	R	R	4
%SW7913			ON,,OFF,ON	Direct	R	R	4
%SW7914			ON,,OFF,ON	Direct	R	R	4
%SW7915			ON,,OFF,ON	Direct	R	R	4
%SW7916			ON,,OFF,ON	Direct	R	R	4
%SW7917			ON,,OFF,ON	Direct	R	R	4
%SW7918			ON,,OFF,ON	Direct	R	R	4
%SW7919			ON,,OFF,ON	Direct	R	R	4
%SW7920			ON,,OFF,ON	Direct	R	R	4
%SW7921			ON,,OFF,ON	Direct	R	R	4
%SW7922			ON,,OFF,ON	Direct	R	R	4
%SW7923			ON,,OFF,ON	Direct	R	R	4
%SW7924			ON,,OFF,ON	Direct	R	R	4
%SW7925			ON,,OFF,ON	Direct	R	R	4
%SW7926			ON,,OFF,ON	Direct	R	R	4
%SW7927			ON,,OFF,ON	Direct	R	R	4
%SW7928			ON,,OFF,ON	Direct	R	R	4
%SW7929			ON,,OFF,ON	Direct	R	R	4
%SW7930			ON,,OFF,ON	Direct	R	R	4
%SW7931			ON,,OFF,ON	Direct	R	R	4
%SW7932			ON,,OFF,ON	Direct	R	R	4
%SW7933			ON,,OFF,ON	Direct	R	R	4
%SW7934			ON,,OFF,ON	Direct	R	R	4
%SW7935			ON,,OFF,ON	Direct	R	R	4
%SW7936			ON,,OFF,ON	Direct	R	R	4
%SW7937			ON,,OFF,ON	Direct	R	R	4
%SW7938			ON,,OFF,ON	Direct	R	R	4
%SW7939			ON,,OFF,ON	Direct	R	R	4
%SW7940			ON,,OFF,ON	Direct	R	R	4
%SW7941			ON,,OFF,ON	Direct	R	R	4
%SW7942			ON,,OFF,ON	Direct	R	R	4
%SW7943			ON,,OFF,ON	Direct	R	R	4
%SW7944			ON,,OFF,ON	Direct	R	R	4
%SW7945			ON,,OFF,ON	Direct	R	R	4
%SW7946			ON,,OFF,ON	Direct	R	R	4
%SW7947			ON,,OFF,ON	Direct	R	R	4
%SW7948			ON,,OFF,ON	Direct	R	R	4
%SW7949			ON,,OFF,ON	Direct	R	R	4
%SW7950			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef8.edf	SHEET:		YOKOGAWA	PAGE:3-18-18
STATION:	FCS0101	SAVED DATE:	6/10/2025 12:43:57 AM	COMMENT:			
SECTION:	Common switch8	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW7951			ON,,OFF,ON	Direct	R	R	4
%SW7952			ON,,OFF,ON	Direct	R	R	4
%SW7953			ON,,OFF,ON	Direct	R	R	4
%SW7954			ON,,OFF,ON	Direct	R	R	4
%SW7955			ON,,OFF,ON	Direct	R	R	4
%SW7956			ON,,OFF,ON	Direct	R	R	4
%SW7957			ON,,OFF,ON	Direct	R	R	4
%SW7958			ON,,OFF,ON	Direct	R	R	4
%SW7959			ON,,OFF,ON	Direct	R	R	4
%SW7960			ON,,OFF,ON	Direct	R	R	4
%SW7961			ON,,OFF,ON	Direct	R	R	4
%SW7962			ON,,OFF,ON	Direct	R	R	4
%SW7963			ON,,OFF,ON	Direct	R	R	4
%SW7964			ON,,OFF,ON	Direct	R	R	4
%SW7965			ON,,OFF,ON	Direct	R	R	4
%SW7966			ON,,OFF,ON	Direct	R	R	4
%SW7967			ON,,OFF,ON	Direct	R	R	4
%SW7968			ON,,OFF,ON	Direct	R	R	4
%SW7969			ON,,OFF,ON	Direct	R	R	4
%SW7970			ON,,OFF,ON	Direct	R	R	4
%SW7971			ON,,OFF,ON	Direct	R	R	4
%SW7972			ON,,OFF,ON	Direct	R	R	4
%SW7973			ON,,OFF,ON	Direct	R	R	4
%SW7974			ON,,OFF,ON	Direct	R	R	4
%SW7975			ON,,OFF,ON	Direct	R	R	4
%SW7976			ON,,OFF,ON	Direct	R	R	4
%SW7977			ON,,OFF,ON	Direct	R	R	4
%SW7978			ON,,OFF,ON	Direct	R	R	4
%SW7979			ON,,OFF,ON	Direct	R	R	4
%SW7980			ON,,OFF,ON	Direct	R	R	4
%SW7981			ON,,OFF,ON	Direct	R	R	4
%SW7982			ON,,OFF,ON	Direct	R	R	4
%SW7983			ON,,OFF,ON	Direct	R	R	4
%SW7984			ON,,OFF,ON	Direct	R	R	4
%SW7985			ON,,OFF,ON	Direct	R	R	4
%SW7986			ON,,OFF,ON	Direct	R	R	4
%SW7987			ON,,OFF,ON	Direct	R	R	4
%SW7988			ON,,OFF,ON	Direct	R	R	4
%SW7989			ON,,OFF,ON	Direct	R	R	4
%SW7990			ON,,OFF,ON	Direct	R	R	4
%SW7991			ON,,OFF,ON	Direct	R	R	4
%SW7992			ON,,OFF,ON	Direct	R	R	4
%SW7993			ON,,OFF,ON	Direct	R	R	4
%SW7994			ON,,OFF,ON	Direct	R	R	4
%SW7995			ON,,OFF,ON	Direct	R	R	4
%SW7996			ON,,OFF,ON	Direct	R	R	4
%SW7997			ON,,OFF,ON	Direct	R	R	4
%SW7998			ON,,OFF,ON	Direct	R	R	4
%SW7999			ON,,OFF,ON	Direct	R	R	4
%SW8000			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-1
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Common Switch Builder

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8001	FCS0101ICS	Initial cold start	ON,,OFF,ON	Direct	R	R	4
%SW8002	FCS0101RSRT	Restart	ON,,OFF,ON	Direct	R	R	4
%SW8003		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8004		ST16 Init Start Cmd	ON,,OFF,ON	Direct	R	R	4
%SW8005		ST16 Init ReStart Cmd	ON,,OFF,ON	Direct	R	R	4
%SW8006			ON,,OFF,ON	Direct	R	R	4
%SW8007		Moment/prlng PWR Fail	ON,,OFF,ON	Direct	R	R	4
%SW8008		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8009		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8010		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8011		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8012		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8013		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8014		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8015		FB Output during OOP	ON,,OFF,ON	Direct	R	R	4
%SW8016		Online upgrading	ON,,OFF,ON	Direct	R	R	4
%SW8017	FCS0101RCPUSTS	R-side CPU status	ON,,OFF,ON	Direct	R	R	4
%SW8018	FCS0101LCPUSTS	L-side CPU status	ON,,OFF,ON	Direct	R	R	4
%SW8019	FCS0101CPUTEMP	CPU temperature	ON,,OFF,ON	Direct	R	R	4
%SW8020	FCS0101FCUTEMP	CPU node (FCU) temp	ON,,OFF,ON	Direct	R	R	4
%SW8021	FCS0101CPUPWR	CPU node power supply	ON,,OFF,ON	Direct	R	R	4
%SW8022	FCS0101IOPWR	I/O node power supply	ON,,OFF,ON	Direct	R	R	4
%SW8023		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8024		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8025		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8026		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8027	FCS0101RCPUCTSTS	R-side CPU CTRL status	ON,,OFF,ON	Direct	R	R	4
%SW8028	FCS0101LCPUCTSTS	L-side CPU CTRL status	ON,,OFF,ON	Direct	R	R	4
%SW8029	FCS0101ESBSTS	ESB buses	ON,,OFF,ON	Direct	R	R	4
%SW8030		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8031		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8032		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8033	FCS0101NODE1STS	Node 1 COMM status	ON,,OFF,ON	Direct	R	R	4
%SW8034	FCS0101NODE2STS	Node 2 COMM status	ON,,OFF,ON	Direct	R	R	4
%SW8035	FCS0101NODE3STS	Node 3 COMM status	ON,,OFF,ON	Direct	R	R	4
%SW8036	FCS0101NODE4STS	Node 4 COMM status	ON,,OFF,ON	Direct	R	R	4
%SW8037		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8038		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8039		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8040		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8041		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8042		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8043		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8044		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8045		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8046		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8047		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8048		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8049		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8050		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8051		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8052		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8053		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8054		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-2
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8055		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8056		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8057		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8058		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8059		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8060		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8061		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8062		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8063		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8064		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8065	FCS0101CPUIDLE	CPU idle time (sec.)	ON,,OFF,ON	Direct	R	R	4
%SW8066		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8067		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8068		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8069		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8070		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8071		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8072		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8073	FCS0101CPULOAD	COMM load (%)	ON,,OFF,ON	Direct	R	R	4
%SW8074		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8075		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8076		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8077		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8078		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8079		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8080		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8081		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8082		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8083		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8084		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8085		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8086		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8087		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8088		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8089		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8090		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8091		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8092		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8093		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8094		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8095		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8096		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8097	FCS0101N1S1STS	Node 1 Slot 1 Status	ON,,OFF,ON	Direct	R	R	4
%SW8098	FCS0101N1S2STS	Node 1 Slot 2 Status	ON,,OFF,ON	Direct	R	R	4
%SW8099	FCS0101N1S3STS	Node 1 Slot 3 Status	ON,,OFF,ON	Direct	R	R	4
%SW8100	FCS0101N1S4STS	Node 1 Slot 4 Status	ON,,OFF,ON	Direct	R	R	4
%SW8101	FCS0101N1S5STS	Node 1 Slot 5 Status	ON,,OFF,ON	Direct	R	R	4
%SW8102		Node 1 Slot 6 Status	ON,,OFF,ON	Direct	R	R	4
%SW8103		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8104		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8105	FCS0101N2S1STS	Node 2 Slot 1 Status	ON,,OFF,ON	Direct	R	R	4
%SW8106	FCS0101N2S2STS	Node 2 Slot 2 Status	ON,,OFF,ON	Direct	R	R	4
%SW8107	FCS0101N2S3STS	Node 2 Slot 3 Status	ON,,OFF,ON	Direct	R	R	4
%SW8108	FCS0101N2S4STS	Node 2 Slot 4 Status	ON,,OFF,ON	Direct	R	R	4
%SW8109	FCS0101N2S5STS	Node 2 Slot 5 Status	ON,,OFF,ON	Direct	R	R	4
%SW8110	FCS0101N2S6STS	Node 2 Slot 6 Status	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-3
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8111	FCS0101N2S7STS	Node 2 Slot 7 Status	ON,,OFF,ON	Direct	R	R	4
%SW8112	FCS0101N2S8STS	Node 2 Slot 8 Status	ON,,OFF,ON	Direct	R	R	4
%SW8113	FCS0101N3S1STS	Node 3 Slot 1 Status	ON,,OFF,ON	Direct	R	R	4
%SW8114	FCS0101N3S2STS	Node 3 Slot 2 Status	ON,,OFF,ON	Direct	R	R	4
%SW8115	FCS0101N3S3STS	Node 3 Slot 3 Status	ON,,OFF,ON	Direct	R	R	4
%SW8116	FCS0101N3S4STS	Node 3 Slot 4 Status	ON,,OFF,ON	Direct	R	R	4
%SW8117	FCS0101N3S5STS	Node 3 Slot 5 Status	ON,,OFF,ON	Direct	R	R	4
%SW8118	FCS0101N3S6STS	Node 3 Slot 6 Status	ON,,OFF,ON	Direct	R	R	4
%SW8119	FCS0101N3S7STS	Node 3 Slot 7 Status	ON,,OFF,ON	Direct	R	R	4
%SW8120	FCS0101N3S8STS	Node 3 Slot 8 Status	ON,,OFF,ON	Direct	R	R	4
%SW8121	FCS0101N4S1STS	Node 4 Slot 1 Status	ON,,OFF,ON	Direct	R	R	4
%SW8122	FCS0101N4S2STS	Node 4 Slot 2 Status	ON,,OFF,ON	Direct	R	R	4
%SW8123	FCS0101N4S3STS	Node 4 Slot 3 Status	ON,,OFF,ON	Direct	R	R	4
%SW8124	FCS0101N4S4STS	Node 4 Slot 4 Status	ON,,OFF,ON	Direct	R	R	4
%SW8125	FCS0101N4S5STS	Node 4 Slot 5 Status	ON,,OFF,ON	Direct	R	R	4
%SW8126	FCS0101N4S6STS	Node 4 Slot 6 Status	ON,,OFF,ON	Direct	R	R	4
%SW8127	FCS0101N4S7STS	Node 4 Slot 7 Status	ON,,OFF,ON	Direct	R	R	4
%SW8128	FCS0101N4S8STS	Node 4 Slot 8 Status	ON,,OFF,ON	Direct	R	R	4
%SW8129		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8130		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8131		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8132		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8133		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8134		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8135		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8136		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8137		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8138		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8139		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8140		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8141		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8142		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8143		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8144		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8145		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8146		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8147		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8148		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8149		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8150		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8151		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8152		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8153		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8154		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8155		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8156		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8157		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8158		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8159		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8160		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8161		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8162		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8163		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8164		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8165		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8166		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-4
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8167		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8168		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8169		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8170		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8171		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8172		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8173		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8174		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8175		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8176		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8177		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8178		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8179		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8180		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8181		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8182		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8183		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8184		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8185		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8186		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8187		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8188		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8189		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8190		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8191		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8192		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8193		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8194		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8195		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8196		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8197		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8198		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8199		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8200		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8201		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8202		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8203		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8204		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8205		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8206		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8207		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8208		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8209		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8210		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8211		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8212		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8213		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8214		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8215		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8216		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8217		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8218		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8219		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8220		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8221		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8222		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-5
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8223		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8224		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8225		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8226		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8227		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8228		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8229		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8230		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8231		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8232		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8233		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8234		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8235		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8236		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8237		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8238		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8239		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8240		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8241		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8242		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8243		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8244		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8245		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8246		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8247		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8248		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8249		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8250		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8251		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8252		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8253		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8254		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8255		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8256		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8257		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8258		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8259		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8260		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8261		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8262		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8263		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8264		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8265		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8266		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8267		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8268		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8269		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8270		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8271		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8272		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8273		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8274		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8275		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8276		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8277		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8278		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-6
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8279		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8280		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8281		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8282		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8283		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8284		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8285		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8286		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8287		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8288		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8289		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8290		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8291		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8292		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8293		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8294		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8295		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8296		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8297		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8298		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8299		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8300		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8301		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8302		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8303		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8304		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8305		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8306		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8307		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8308		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8309		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8310		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8311		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8312		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8313		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8314		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8315		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8316		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8317		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8318		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8319		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8320		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8321		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8322		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8323		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8324		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8325		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8326		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8327		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8328		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8329		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8330		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8331		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8332		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8333		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8334		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-7
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8335		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8336		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8337		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8338		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8339		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8340		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8341		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8342		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8343		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8344		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8345		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8346		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8347		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8348		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8349		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8350		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8351		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8352		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8353		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8354		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8355		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8356		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8357		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8358		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8359		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8360		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8361		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8362		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8363		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8364		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8365		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8366		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8367		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8368		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8369		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8370		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8371		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8372		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8373		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8374		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8375		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8376		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8377		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8378		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8379		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8380		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8381		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8382		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8383		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8384		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8385		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8386		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8387		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8388		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8389		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8390		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-8
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8391		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8392		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8393		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8394		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8395		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8396		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8397		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8398		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8399		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8400		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8401		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8402		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8403		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8404		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8405		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8406		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8407		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8408		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8409		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8410		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8411		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8412		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8413		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8414		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8415		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8416		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8417		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8418		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8419		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8420		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8421		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8422		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8423		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8424		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8425		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8426		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8427		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8428		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8429		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8430		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8431		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8432		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8433		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8434		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8435		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8436		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8437		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8438		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8439		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8440		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8441		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8442		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8443		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8444		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8445		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8446		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-9
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8447		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8448		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8449		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8450		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8451		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8452		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8453		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8454		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8455		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8456		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8457		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8458		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8459		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8460		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8461		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8462		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8463		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8464		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8465		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8466		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8467		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8468		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8469		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8470		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8471		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8472		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8473		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8474		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8475		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8476		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8477		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8478		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8479		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8480		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8481		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8482		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8483		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8484		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8485		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8486		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8487		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8488		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8489		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8490		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8491		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8492		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8493		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8494		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8495		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8496		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8497		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8498		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8499		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8500		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8501		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8502		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-10
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8503		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8504		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8505		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8506		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8507		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8508		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8509		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8510		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8511		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8512		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8513		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8514		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8515		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8516		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8517		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8518		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8519		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8520		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8521		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8522		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8523		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8524		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8525		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8526		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8527		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8528		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8529		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8530		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8531		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8532		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8533		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8534		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8535		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8536		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8537		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8538		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8539		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8540		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8541		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8542		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8543		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8544		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8545		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8546		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8547		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8548		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8549		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8550		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8551		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8552		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8553		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8554		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8555		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8556		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8557		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8558		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-11
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8559		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8560		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8561		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8562		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8563		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8564		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8565		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8566		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8567		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8568		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8569		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8570		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8571		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8572		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8573		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8574		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8575		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8576		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8577		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8578		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8579		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8580		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8581		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8582		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8583		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8584		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8585		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8586		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8587		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8588		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8589		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8590		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8591		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8592		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8593		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8594		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8595		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8596		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8597		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8598		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8599		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8600		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8601		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8602		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8603		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8604		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8605		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8606		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8607		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8608		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8609		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8610		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8611		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8612		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8613		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8614		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-12
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8615		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8616		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8617		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8618		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8619		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8620		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8621		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8622		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8623		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8624		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8625		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8626		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8627		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8628		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8629		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8630		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8631		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8632		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8633		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8634		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8635		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8636		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8637		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8638		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8639		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8640		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8641		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8642		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8643		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8644		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8645		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8646		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8647		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8648		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8649		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8650		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8651		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8652		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8653		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8654		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8655		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8656		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8657		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8658		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8659		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8660		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8661		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8662		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8663		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8664		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8665		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8666		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8667		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8668		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8669		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8670		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-13
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8671		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8672		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8673		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8674		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8675		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8676		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8677		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8678		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8679		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8680		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8681		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8682		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8683		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8684		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8685		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8686		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8687		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8688		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8689		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8690		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8691		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8692		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8693		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8694		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8695		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8696		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8697		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8698		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8699		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8700		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8701		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8702		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8703		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8704		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8705		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8706		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8707		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8708		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8709		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8710		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8711		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8712		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8713		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8714		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8715		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8716		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8717		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8718		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8719		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8720		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8721		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8722		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8723		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8724		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8725		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8726		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-14
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8727		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8728		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8729		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8730		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8731		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8732		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8733		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8734		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8735		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8736		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8737		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8738		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8739		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8740		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8741		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8742		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8743		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8744		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8745		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8746		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8747		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8748		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8749		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8750		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8751		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8752		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8753		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8754		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8755		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8756		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8757		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8758		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8759		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8760		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8761		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8762		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8763		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8764		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8765		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8766		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8767		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8768		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8769		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8770		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8771		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8772		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8773		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8774		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8775		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8776		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8777		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8778		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8779		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8780		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8781		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8782		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-15
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8783		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8784		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8785		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8786		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8787		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8788		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8789		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8790		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8791		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8792		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8793		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8794		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8795		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8796		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8797		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8798		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8799		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8800		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8801		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8802		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8803		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8804		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8805		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8806		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8807		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8808		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8809		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8810		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8811		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8812		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8813		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8814		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8815		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8816		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8817		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8818		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8819		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8820		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8821		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8822		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8823		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8824		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8825		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8826		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8827		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8828		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8829		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8830		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8831		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8832		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8833		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8834		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8835		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8836		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8837		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8838		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-16
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8839		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8840		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8841		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8842		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8843		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8844		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8845		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8846		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8847		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8848		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8849		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8850		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8851		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8852		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8853		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8854		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8855		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8856		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8857		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8858		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8859		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8860		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8861		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8862		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8863		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8864		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8865		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8866		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8867		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8868		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8869		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8870		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8871		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8872		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8873		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8874		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8875		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8876		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8877		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8878		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8879		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8880		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8881		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8882		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8883		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8884		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8885		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8886		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8887		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8888		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8889		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8890		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8891		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8892		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8893		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8894		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-17
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8895		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8896		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8897		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8898		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8899		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8900		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8901		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8902		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8903		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8904		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8905		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8906		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8907		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8908		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8909		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8910		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8911		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8912		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8913		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8914		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8915		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8916		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8917		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8918		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8919		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8920		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8921		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8922		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8923		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8924		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8925		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8926		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8927		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8928		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8929		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8930		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8931		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8932		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8933		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8934		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8935		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8936		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8937		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8938		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8939		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8940		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8941		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8942		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8943		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8944		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8945		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8946		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8947		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8948		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8949		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8950		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SwitchDef9.edf	SHEET:		YOKOGAWA	PAGE:3-19-18
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:15:22 AM	COMMENT:			
SECTION:	Common switch9	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%SW8951		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8952		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8953		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8954		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8955		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8956		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8957		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8958		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8959		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8960		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8961		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8962		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8963		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8964		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8965		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8966		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8967		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8968		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8969		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8970		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8971		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8972		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8973		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8974		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8975		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8976		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8977		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8978		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8979		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8980		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8981		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8982		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8983		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8984		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8985		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8986		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8987		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8988		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8989		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8990		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8991		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8992		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8993		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8994		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8995		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8996		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8997		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8998		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW8999		System Reserved	ON,,OFF,ON	Direct	R	R	4
%SW9000		System Reserved	ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	GSwitchdef.edf	SHEET:		YOKOGAWA	PAGE:3-20-1
STATION:	FCS0101	SAVED DATE:	12/8/2024 10:03:05 PM	COMMENT:			
SECTION:	Global Switch	PRINTED DATE:	9/15/2025	DRAWER:			

Global Switch Builder

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%GS001	83XA-001GS	SOLAR PKG CUMM FLT	TRIP,,NORMAL,TRIP	Direct	R	G	4
%GS002			ON,,OFF,ON	Direct	R	R	4
%GS003			ON,,OFF,ON	Direct	R	R	4
%GS004			ON,,OFF,ON	Direct	R	R	4
%GS005			ON,,OFF,ON	Direct	R	R	4
%GS006			ON,,OFF,ON	Direct	R	R	4
%GS007			ON,,OFF,ON	Direct	R	R	4
%GS008			ON,,OFF,ON	Direct	R	R	4
%GS009			ON,,OFF,ON	Direct	R	R	4
%GS010			ON,,OFF,ON	Direct	R	R	4
%GS011			ON,,OFF,ON	Direct	R	R	4
%GS012			ON,,OFF,ON	Direct	R	R	4
%GS013			ON,,OFF,ON	Direct	R	R	4
%GS014			ON,,OFF,ON	Direct	R	R	4
%GS015			ON,,OFF,ON	Direct	R	R	4
%GS016			ON,,OFF,ON	Direct	R	R	4
%GS017			ON,,OFF,ON	Direct	R	R	4
%GS018			ON,,OFF,ON	Direct	R	R	4
%GS019			ON,,OFF,ON	Direct	R	R	4
%GS020			ON,,OFF,ON	Direct	R	R	4
%GS021			ON,,OFF,ON	Direct	R	R	4
%GS022			ON,,OFF,ON	Direct	R	R	4
%GS023			ON,,OFF,ON	Direct	R	R	4
%GS024			ON,,OFF,ON	Direct	R	R	4
%GS025			ON,,OFF,ON	Direct	R	R	4
%GS026			ON,,OFF,ON	Direct	R	R	4
%GS027			ON,,OFF,ON	Direct	R	R	4
%GS028			ON,,OFF,ON	Direct	R	R	4
%GS029			ON,,OFF,ON	Direct	R	R	4
%GS030			ON,,OFF,ON	Direct	R	R	4
%GS031			ON,,OFF,ON	Direct	R	R	4
%GS032			ON,,OFF,ON	Direct	R	R	4
%GS033			ON,,OFF,ON	Direct	R	R	4
%GS034			ON,,OFF,ON	Direct	R	R	4
%GS035			ON,,OFF,ON	Direct	R	R	4
%GS036			ON,,OFF,ON	Direct	R	R	4
%GS037			ON,,OFF,ON	Direct	R	R	4
%GS038			ON,,OFF,ON	Direct	R	R	4
%GS039			ON,,OFF,ON	Direct	R	R	4
%GS040			ON,,OFF,ON	Direct	R	R	4
%GS041			ON,,OFF,ON	Direct	R	R	4
%GS042			ON,,OFF,ON	Direct	R	R	4
%GS043			ON,,OFF,ON	Direct	R	R	4
%GS044			ON,,OFF,ON	Direct	R	R	4
%GS045			ON,,OFF,ON	Direct	R	R	4
%GS046			ON,,OFF,ON	Direct	R	R	4
%GS047			ON,,OFF,ON	Direct	R	R	4
%GS048			ON,,OFF,ON	Direct	R	R	4
%GS049			ON,,OFF,ON	Direct	R	R	4
%GS050			ON,,OFF,ON	Direct	R	R	4
%GS051			ON,,OFF,ON	Direct	R	R	4
%GS052			ON,,OFF,ON	Direct	R	R	4
%GS053			ON,,OFF,ON	Direct	R	R	4
%GS054			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	GSwitchdef.edf	SHEET:		YOKOGAWA	PAGE:3-20-2
STATION:	FCS0101	SAVED DATE:	12/8/2024 10:03:05 PM	COMMENT:			
SECTION:	Global Switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%GS055			ON,,OFF,ON	Direct	R	R	4
%GS056			ON,,OFF,ON	Direct	R	R	4
%GS057			ON,,OFF,ON	Direct	R	R	4
%GS058			ON,,OFF,ON	Direct	R	R	4
%GS059			ON,,OFF,ON	Direct	R	R	4
%GS060			ON,,OFF,ON	Direct	R	R	4
%GS061			ON,,OFF,ON	Direct	R	R	4
%GS062			ON,,OFF,ON	Direct	R	R	4
%GS063			ON,,OFF,ON	Direct	R	R	4
%GS064			ON,,OFF,ON	Direct	R	R	4
%GS065			ON,,OFF,ON	Direct	R	R	4
%GS066			ON,,OFF,ON	Direct	R	R	4
%GS067			ON,,OFF,ON	Direct	R	R	4
%GS068			ON,,OFF,ON	Direct	R	R	4
%GS069			ON,,OFF,ON	Direct	R	R	4
%GS070			ON,,OFF,ON	Direct	R	R	4
%GS071			ON,,OFF,ON	Direct	R	R	4
%GS072			ON,,OFF,ON	Direct	R	R	4
%GS073			ON,,OFF,ON	Direct	R	R	4
%GS074			ON,,OFF,ON	Direct	R	R	4
%GS075			ON,,OFF,ON	Direct	R	R	4
%GS076			ON,,OFF,ON	Direct	R	R	4
%GS077			ON,,OFF,ON	Direct	R	R	4
%GS078			ON,,OFF,ON	Direct	R	R	4
%GS079			ON,,OFF,ON	Direct	R	R	4
%GS080			ON,,OFF,ON	Direct	R	R	4
%GS081			ON,,OFF,ON	Direct	R	R	4
%GS082			ON,,OFF,ON	Direct	R	R	4
%GS083			ON,,OFF,ON	Direct	R	R	4
%GS084			ON,,OFF,ON	Direct	R	R	4
%GS085			ON,,OFF,ON	Direct	R	R	4
%GS086			ON,,OFF,ON	Direct	R	R	4
%GS087			ON,,OFF,ON	Direct	R	R	4
%GS088			ON,,OFF,ON	Direct	R	R	4
%GS089			ON,,OFF,ON	Direct	R	R	4
%GS090			ON,,OFF,ON	Direct	R	R	4
%GS091			ON,,OFF,ON	Direct	R	R	4
%GS092			ON,,OFF,ON	Direct	R	R	4
%GS093			ON,,OFF,ON	Direct	R	R	4
%GS094			ON,,OFF,ON	Direct	R	R	4
%GS095			ON,,OFF,ON	Direct	R	R	4
%GS096			ON,,OFF,ON	Direct	R	R	4
%GS097			ON,,OFF,ON	Direct	R	R	4
%GS098			ON,,OFF,ON	Direct	R	R	4
%GS099			ON,,OFF,ON	Direct	R	R	4
%GS100			ON,,OFF,ON	Direct	R	R	4
%GS101			ON,,OFF,ON	Direct	R	R	4
%GS102			ON,,OFF,ON	Direct	R	R	4
%GS103			ON,,OFF,ON	Direct	R	R	4
%GS104			ON,,OFF,ON	Direct	R	R	4
%GS105			ON,,OFF,ON	Direct	R	R	4
%GS106			ON,,OFF,ON	Direct	R	R	4
%GS107			ON,,OFF,ON	Direct	R	R	4
%GS108			ON,,OFF,ON	Direct	R	R	4
%GS109			ON,,OFF,ON	Direct	R	R	4
%GS110			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	GSwitchdef.edf	SHEET:		YOKOGAWA	PAGE:3-20-3
STATION:	FCS0101	SAVED DATE:	12/8/2024 10:03:05 PM	COMMENT:			
SECTION:	Global Switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%GS111			ON,,OFF,ON	Direct	R	R	4
%GS112			ON,,OFF,ON	Direct	R	R	4
%GS113			ON,,OFF,ON	Direct	R	R	4
%GS114			ON,,OFF,ON	Direct	R	R	4
%GS115			ON,,OFF,ON	Direct	R	R	4
%GS116			ON,,OFF,ON	Direct	R	R	4
%GS117			ON,,OFF,ON	Direct	R	R	4
%GS118			ON,,OFF,ON	Direct	R	R	4
%GS119			ON,,OFF,ON	Direct	R	R	4
%GS120			ON,,OFF,ON	Direct	R	R	4
%GS121			ON,,OFF,ON	Direct	R	R	4
%GS122			ON,,OFF,ON	Direct	R	R	4
%GS123			ON,,OFF,ON	Direct	R	R	4
%GS124			ON,,OFF,ON	Direct	R	R	4
%GS125			ON,,OFF,ON	Direct	R	R	4
%GS126			ON,,OFF,ON	Direct	R	R	4
%GS127			ON,,OFF,ON	Direct	R	R	4
%GS128			ON,,OFF,ON	Direct	R	R	4
%GS129			ON,,OFF,ON	Direct	R	R	4
%GS130			ON,,OFF,ON	Direct	R	R	4
%GS131			ON,,OFF,ON	Direct	R	R	4
%GS132			ON,,OFF,ON	Direct	R	R	4
%GS133			ON,,OFF,ON	Direct	R	R	4
%GS134			ON,,OFF,ON	Direct	R	R	4
%GS135			ON,,OFF,ON	Direct	R	R	4
%GS136			ON,,OFF,ON	Direct	R	R	4
%GS137			ON,,OFF,ON	Direct	R	R	4
%GS138			ON,,OFF,ON	Direct	R	R	4
%GS139			ON,,OFF,ON	Direct	R	R	4
%GS140			ON,,OFF,ON	Direct	R	R	4
%GS141			ON,,OFF,ON	Direct	R	R	4
%GS142			ON,,OFF,ON	Direct	R	R	4
%GS143			ON,,OFF,ON	Direct	R	R	4
%GS144			ON,,OFF,ON	Direct	R	R	4
%GS145			ON,,OFF,ON	Direct	R	R	4
%GS146			ON,,OFF,ON	Direct	R	R	4
%GS147			ON,,OFF,ON	Direct	R	R	4
%GS148			ON,,OFF,ON	Direct	R	R	4
%GS149			ON,,OFF,ON	Direct	R	R	4
%GS150			ON,,OFF,ON	Direct	R	R	4
%GS151			ON,,OFF,ON	Direct	R	R	4
%GS152			ON,,OFF,ON	Direct	R	R	4
%GS153			ON,,OFF,ON	Direct	R	R	4
%GS154			ON,,OFF,ON	Direct	R	R	4
%GS155			ON,,OFF,ON	Direct	R	R	4
%GS156			ON,,OFF,ON	Direct	R	R	4
%GS157			ON,,OFF,ON	Direct	R	R	4
%GS158			ON,,OFF,ON	Direct	R	R	4
%GS159			ON,,OFF,ON	Direct	R	R	4
%GS160			ON,,OFF,ON	Direct	R	R	4
%GS161			ON,,OFF,ON	Direct	R	R	4
%GS162			ON,,OFF,ON	Direct	R	R	4
%GS163			ON,,OFF,ON	Direct	R	R	4
%GS164			ON,,OFF,ON	Direct	R	R	4
%GS165			ON,,OFF,ON	Direct	R	R	4
%GS166			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	GSwitchdef.edf	SHEET:		YOKOGAWA	PAGE:3-20-4
STATION:	FCS0101	SAVED DATE:	12/8/2024 10:03:05 PM	COMMENT:			
SECTION:	Global Switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%GS167			ON,,OFF,ON	Direct	R	R	4
%GS168			ON,,OFF,ON	Direct	R	R	4
%GS169			ON,,OFF,ON	Direct	R	R	4
%GS170			ON,,OFF,ON	Direct	R	R	4
%GS171			ON,,OFF,ON	Direct	R	R	4
%GS172			ON,,OFF,ON	Direct	R	R	4
%GS173			ON,,OFF,ON	Direct	R	R	4
%GS174			ON,,OFF,ON	Direct	R	R	4
%GS175			ON,,OFF,ON	Direct	R	R	4
%GS176			ON,,OFF,ON	Direct	R	R	4
%GS177			ON,,OFF,ON	Direct	R	R	4
%GS178			ON,,OFF,ON	Direct	R	R	4
%GS179			ON,,OFF,ON	Direct	R	R	4
%GS180			ON,,OFF,ON	Direct	R	R	4
%GS181			ON,,OFF,ON	Direct	R	R	4
%GS182			ON,,OFF,ON	Direct	R	R	4
%GS183			ON,,OFF,ON	Direct	R	R	4
%GS184			ON,,OFF,ON	Direct	R	R	4
%GS185			ON,,OFF,ON	Direct	R	R	4
%GS186			ON,,OFF,ON	Direct	R	R	4
%GS187			ON,,OFF,ON	Direct	R	R	4
%GS188			ON,,OFF,ON	Direct	R	R	4
%GS189			ON,,OFF,ON	Direct	R	R	4
%GS190			ON,,OFF,ON	Direct	R	R	4
%GS191			ON,,OFF,ON	Direct	R	R	4
%GS192			ON,,OFF,ON	Direct	R	R	4
%GS193			ON,,OFF,ON	Direct	R	R	4
%GS194			ON,,OFF,ON	Direct	R	R	4
%GS195			ON,,OFF,ON	Direct	R	R	4
%GS196			ON,,OFF,ON	Direct	R	R	4
%GS197			ON,,OFF,ON	Direct	R	R	4
%GS198			ON,,OFF,ON	Direct	R	R	4
%GS199			ON,,OFF,ON	Direct	R	R	4
%GS200			ON,,OFF,ON	Direct	R	R	4
%GS201			ON,,OFF,ON	Direct	R	R	4
%GS202			ON,,OFF,ON	Direct	R	R	4
%GS203			ON,,OFF,ON	Direct	R	R	4
%GS204			ON,,OFF,ON	Direct	R	R	4
%GS205			ON,,OFF,ON	Direct	R	R	4
%GS206			ON,,OFF,ON	Direct	R	R	4
%GS207			ON,,OFF,ON	Direct	R	R	4
%GS208			ON,,OFF,ON	Direct	R	R	4
%GS209			ON,,OFF,ON	Direct	R	R	4
%GS210			ON,,OFF,ON	Direct	R	R	4
%GS211			ON,,OFF,ON	Direct	R	R	4
%GS212			ON,,OFF,ON	Direct	R	R	4
%GS213			ON,,OFF,ON	Direct	R	R	4
%GS214			ON,,OFF,ON	Direct	R	R	4
%GS215			ON,,OFF,ON	Direct	R	R	4
%GS216			ON,,OFF,ON	Direct	R	R	4
%GS217			ON,,OFF,ON	Direct	R	R	4
%GS218			ON,,OFF,ON	Direct	R	R	4
%GS219			ON,,OFF,ON	Direct	R	R	4
%GS220			ON,,OFF,ON	Direct	R	R	4
%GS221			ON,,OFF,ON	Direct	R	R	4
%GS222			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	GSwitchdef.edf	SHEET:		YOKOGAWA	PAGE:3-20-5
STATION:	FCS0101	SAVED DATE:	12/8/2024 10:03:05 PM	COMMENT:			
SECTION:	Global Switch	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Tag Name	Tag Comment	Switch Position Label	Label	Btn1	Btn2	Lvl
%GS223			ON,,OFF,ON	Direct	R	R	4
%GS224			ON,,OFF,ON	Direct	R	R	4
%GS225			ON,,OFF,ON	Direct	R	R	4
%GS226			ON,,OFF,ON	Direct	R	R	4
%GS227			ON,,OFF,ON	Direct	R	R	4
%GS228			ON,,OFF,ON	Direct	R	R	4
%GS229			ON,,OFF,ON	Direct	R	R	4
%GS230			ON,,OFF,ON	Direct	R	R	4
%GS231			ON,,OFF,ON	Direct	R	R	4
%GS232			ON,,OFF,ON	Direct	R	R	4
%GS233			ON,,OFF,ON	Direct	R	R	4
%GS234			ON,,OFF,ON	Direct	R	R	4
%GS235			ON,,OFF,ON	Direct	R	R	4
%GS236			ON,,OFF,ON	Direct	R	R	4
%GS237			ON,,OFF,ON	Direct	R	R	4
%GS238			ON,,OFF,ON	Direct	R	R	4
%GS239			ON,,OFF,ON	Direct	R	R	4
%GS240			ON,,OFF,ON	Direct	R	R	4
%GS241			ON,,OFF,ON	Direct	R	R	4
%GS242			ON,,OFF,ON	Direct	R	R	4
%GS243			ON,,OFF,ON	Direct	R	R	4
%GS244			ON,,OFF,ON	Direct	R	R	4
%GS245			ON,,OFF,ON	Direct	R	R	4
%GS246			ON,,OFF,ON	Direct	R	R	4
%GS247			ON,,OFF,ON	Direct	R	R	4
%GS248			ON,,OFF,ON	Direct	R	R	4
%GS249			ON,,OFF,ON	Direct	R	R	4
%GS250			ON,,OFF,ON	Direct	R	R	4
%GS251			ON,,OFF,ON	Direct	R	R	4
%GS252			ON,,OFF,ON	Direct	R	R	4
%GS253			ON,,OFF,ON	Direct	R	R	4
%GS254			ON,,OFF,ON	Direct	R	R	4
%GS255			ON,,OFF,ON	Direct	R	R	4
%GS256			ON,,OFF,ON	Direct	R	R	4

PROJECT:	BLPH-CW1	FILE NAME:	SD0101.edf	SHEET:		YOKOGAWA	PAGE:3-21-1
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Printout Message	PRINTED DATE:	9/15/2025	DRAWER:			

Printout Message Builder

Element Number	Message	Data1	Format1	Data2	Format2	Data3	Format3

PROJECT:	BLPH-CW1	FILE NAME:	OG0101.edf	SHEET:		YOKOGAWA	PAGE:3-22-1
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Operator Guide	PRINTED DATE:	9/15/2025	DRAWER:			

Operator Guide Builder

Element Number	Message	Color	Related Window Name

PROJECT:	BLPH-CW1	FILE NAME:	EV0101.edf	SHEET:		YOKOGAWA	PAGE:3-23-1
STATION:	FCS0101	SAVED DATE:	6/18/2024 8:05:58 PM	COMMENT:			
SECTION:	Signal Event	PRINTED DATE:	9/15/2025	DRAWER:			

Signal Event Builder

Element Number	Signal Name Character String	Signal Transmission Destination Tag Name	Parameter2	Comment

PROJECT:	BLPH-CW1	FILE NAME:	AN0101.edf	SHEET:		YOKOGAWA	PAGE:3-24-1
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:14:09 AM	COMMENT:			
SECTION:	Annunciator	PRINTED DATE:	9/15/2025	DRAWER:			

Annunciator Builder

Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0001	V2501A N2 PR LO	V25AN2LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0002	V2501B N2 PR LO	V25BN2LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0003	V2501C N2 PR LO	V25CN2LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0004	V2501D N2 PR LO	V25DN2LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0005	V2501E N2 PR LO	V25EN2LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0006	V2501F N2 PR LO	V25FN2LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0007	HV/MV SWGR RPDO ALM	B100TDC01AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0008	HV/MV SWGR REDO ALM	B100TDC02AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0009	HV/MV SWGR RMD ALM	B100TIR01AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0010	HV/MV SWGR RPDO ALM	B200TDC01AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0011	HV/MV SWGR REDO ALM	B200TDC02AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0012	HV/MV SWGR RMD ALM	B200TIR01AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0013	HV/MV SWGR RPDO ALM	B300TDC01AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0014	HV/MV SWGR REDO ALM	B300TDC02AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0015	HV/MV SWGR RMD ALM	B300TIR01AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0016	HV/MV SWGR RPDO ALM	B400TDC01AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0017	HV/MV SWGR REDO ALM	B400TDC02AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0018	HV/MV SWGR RMD ALM	B400TIR01AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0019			ALARM,,NORMAL,ALARM	Direct	4
%AN0020	PCS PWR SUP FAIL ALM	87XA051AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0021	PCS HI TEMP ALM	87XA052AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0022	PCS DIGITAL TB ALM	87XA053AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0023	SIS PWR SUP FAIL ALM	87XA054AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0024	SW PMP A T.TRIP	P50001A-TTAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0025	SW PMP B T.TRIP	P50001B-TTAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0026			ALARM,,NORMAL,ALARM	Direct	4
%AN0027			ALARM,,NORMAL,ALARM	Direct	4
%AN0028			ALARM,,NORMAL,ALARM	Direct	4
%AN0029			ALARM,,NORMAL,ALARM	Direct	4
%AN0030			ALARM,,NORMAL,ALARM	Direct	4
%AN0031			ALARM,,NORMAL,ALARM	Direct	4
%AN0032			ALARM,,NORMAL,ALARM	Direct	4
%AN0033	VESSEL-A PURGING FAIL	T3AAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0034	VESSEL-B PURGING FAIL	T3BAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0035	VESSEL-C PURGING FAIL	T3CAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0036	VESSEL-D PURGING FAIL	T3DAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0037	VESSEL-E PURGING FAIL	T3EAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0038	VESSEL-F PURGING FAIL	T3FAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0039			ON,,OFF,ON	Direct	4
%AN0040	P-5001A DISC PR HI	50PAH-001	ALARM,,NORMAL,ALARM	Direct	4
%AN0041	P-5001A DISC PR LO	50PAL-001	ALARM,,NORMAL,ALARM	Direct	4
%AN0042	H2 VENT STACK Q-43004 LO	43LAL003	ALARM,,NORMAL,ALARM	Direct	4
%AN0043	B-50014 INOL TEMPDIFF HI	50DTAH-002	ALARM,,NORMAL,ALARM	Direct	4
%AN0044	B-50014 DISC PR HI	50PAH-014	ALARM,,NORMAL,ALARM	Direct	4
%AN0045	KO DRUM V-43001 PRS HI	43PAH-001	ALARM,,NORMAL,ALARM	Direct	4
%AN0046	KO DRUM V-43001 LVL HI	43LAH-001	ALARM,,NORMAL,ALARM	Direct	4
%AN0047	KO DRUM V-43001 LVL LO	43LAL-001	ALARM,,NORMAL,ALARM	Direct	4
%AN0048	KO DRUM V-43001 FLO HI	43FAH-001	ALARM,,NORMAL,ALARM	Direct	4
%AN0049	H2 VENT LVLV LO	43LAL-003	ALARM,,NORMAL,ALARM	Direct	4
%AN0050	VESSEL LEVEL T-5001 HI	55LAH-001	ALARM,,NORMAL,ALARM	Direct	4
%AN0051	VESSEL LEVEL T-5001 LO	55LAL-001	ALARM,,NORMAL,ALARM	Direct	4
%AN0052	INSTR AIR TO DISTB LO	63PAL-003	ALARM,,NORMAL,ALARM	Direct	4
%AN0053	P-5001B DISC PR HI	50PAH-002	ALARM,,NORMAL,ALARM	Direct	4
%AN0054	P-5001B DISC PR LO	50PAL-002	ALARM,,NORMAL,ALARM	Direct	4

PROJECT:	BLPH-CW1	FILE NAME:	AN0101.edf	SHEET:		YOKOGAWA	PAGE:3-24-2
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:14:09 AM	COMMENT:			
SECTION:	Annunciator	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0055	H2-FC PKG BOTH VLV OPN	25ZSH-055A_BAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0056	N2-DIST HDR BOTH VLV OPN	64ZSH-031A_BAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0057	H2-V25001A VLV DISC	25FV-031DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0058	H2-V25001B VLV DISC	25FV-032DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0059	H2-V25001C VLV DISC	25FV-033DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0060	H2-V25001D VLV DISC	25FV-034DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0061	H2-V25001E VLV DISC	25FV-038DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0062	H2-V25001F VLV DISC	25FV-036DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0063	H2-V25001A VLV DISC	25PV-035DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0064	H2-V25001B VLV DISC	25PV-037DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0065	H2-V25001C VLV DISC	25PV-040DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0066	H2-V25001D VLV DISC	25PV-043DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0067	H2-V25001E VLV DISC	25PV-046DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0068	H2-V25001F VLV DISC	25PV-049DAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0069	H2-FC PKG VLV A DISC	25PV-055ADAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0070	H2-FC PKG VLV B DISC	25PV-055BDAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0071	N2-DIST HDR VLV A DISC	64PV-031ADAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0072	N2-DIST HDR VLV B DISC	64PV-031BDAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0073			ON,,OFF,ON	Direct	4
%AN0074	VESSEL-A PURGING FAIL	T5AAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0075	VESSEL-B PURGING FAIL	T5BAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0076	VESSEL-C PURGING FAIL	T5CAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0077	VESSEL-D PURGING FAIL	T5DAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0078	VESSEL-E PURGING FAIL	T5EAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0079	VESSEL-F PURGING FAIL	T5FAH	ALARM,,NORMAL,ALARM	Direct	4
%AN0080			ALARM,,NORMAL,ALARM	Direct	4
%AN0081	PIC031A/B OPEN	64PIC031-OPNAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0082	ALL VESSEL FULL	25UA-V2500AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0083	H2 OL CV A FB DISC	25PIC055A-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0084	H2 OL CV B FB DISC	25PIC055B-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0085	H2 OL HDR CV A FB DISC	64PIC031A-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0086	H2 OL HDR CV B FB DISC	64PIC031B-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0087	V-25001A FIC FB DISC	25FIC031-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0088	V-25001A PIC FB DISC	25PIC035-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0089	V-25001B FIC FB DISC	25FIC032-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0090	V-25001B PIC FB DISC	25PIC037-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0091	V-25001C FIC FB DISC	25FIC033-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0092	V-25001C PIC FB DISC	25PIC040-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0093	V-25001D FIC FB DISC	25FIC034-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0094	V-25001D PIC FB DISC	25PIC043-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0095	V-25001E FIC FB DISC	25FIC038-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0096	V-25001E PIC FB DISC	25PIC046-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0097	V-25001F FIC FB DISC	25FIC036-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0098	V-25001F PIC FB DISC	25PIC049-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0099	H2 OL HDR PR DEV	25PI055-DVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0100	H2 OL HDR PRPOS FB	64PI031-DVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0101	CRITICALFAULT	20XA-5301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0102	DOUCANFAULT	20XA-5302AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0103	MAINSFAULT	20XA-5303AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0104	RECTIFIERFAULT	20XA-5304AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0105	BATTERYALARM	20XA-5305AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0106	INVERTERFAULT	20XA-5306AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0107	SBSFAULT	20XA-5307AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0108	BATTTEMP.SENSFAULT	20XA-5308AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0109	FANFAULT	20XA-5309AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0110	POWERSTACKOVERTEMP	20XA-5310AN	ALARM,,NORMAL,ALARM	Direct	4

PROJECT:	BLPH-CW1	FILE NAME:	AN0101.edf	SHEET:		YOKOGAWA	PAGE:3-24-3
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:14:09 AM	COMMENT:			
SECTION:	Annunciator	PRINTED DATE:	9/15/2025	DRAWER:			

Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0111	SBSMAINSFAULT	20XA-5311AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0112	ACKNOWLEDGE FAULT	20XA-5313AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0113	TEST ERROR	20XA-5315AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0114	TEST ERROR	20XA-5316AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0115	CRITICALFAULT	20XA-5401AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0116	DOUCANFAULT	20XA-5402AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0117	MAINSFAULT	20XA-5403AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0118	RECTIFIERFAULT	20XA-5404AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0119	BATTERYALARM	20XA-5405AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0120	INVERTERFAULT	20XA-5406AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0121	SBSFAULT	20XA-5407AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0122	BATTTEMP.SENSFAULT	20XA-5408AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0123	FANFAULT	20XA-5409AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0124	POWERSTACKOVERTEMP	20XA-5410AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0125	SBSMAINSFAULT	20XA-5411AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0126	ACKNOWLEDGE FAULT	20XA-5413AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0127	TEST ERROR	20XA-5415AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0128	TEST ERROR	20XA-5416AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0129			ALARM,,NORMAL,ALARM	Direct	4
%AN0130			ALARM,,NORMAL,ALARM	Direct	4
%AN0131	NET PANEL VENT FAN ALARM	87XA061AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0132	NET POWER DIODE FAULT	87XA062AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0133	NET CUMUL BREAKER FAULT	87XA063AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0134	NET HIGH TEMP ALARM	87XA064AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0135	SERV PANEL BREAKER FAIL	87XA073AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0136			ALARM,,NORMAL,ALARM	Direct	4
%AN0137	SG200N1 SA FAULT	87XA-7101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0138	SG200N1 LOSS 230VAC AUXV	87XA-7102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0139	SG200N1 MOT FEED FLT B3	87XA-7103AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0140	SG200D2 MCBS HEALTY	87XA-7105AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0141	DP200N1 SA FAULT	87XA-7104AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0142	DP200N1 N EMER LIGHT ACT	87XA-7108AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0143	AC UPS F&G BYP INT.FAULT	70XA-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0144	A2/+05 INTERNAL FAULT	82XA-7301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0145	TEMP GEN/BAT INTER FLT	87XA-7204AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0146	AC UPS PAS A INT.FAULT	87XA-7209AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0147	A3/+02 INTERNAL FAULT	82XA-7401AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0148	DB BOP INTERNAL FAULT	87XA-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0149	CRANE INTERNAL FAULT	87XA-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0150	A3/+05 INTERNAL FAULT	82XA-7501AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0151	WTP INTERNAL FAULT	50XA-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0152	AC UPS PAS LN B CB FLT	87XA-7205AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0153	HVAC PNL HV INTER FLT	77XA-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0154	FC AUX LDINTER FLT	80XA-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0155	BESS PCS CAB INTER FLT	85XA-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0156	SP A4/+05 INTER FLT	82XA-7601AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0157	SP A4/+06 INTER FLT	82XA-7701AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0158	IA 01A INTER FLT	63XA-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0159	SP A5/+01 INTER FLT	82XA-7801AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0160	HVAC LV RM INTER FLT	77XA-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0161	HVAC UPS RM INTER FLT	77XA-7203AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0162	HVAC ITER INTER FLT	77XA-7204AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0163	ICCP INTER FLT	87XA-7203AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0164	SP A5/+06 INTER FLT	82XA-7901AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0165	IA 01B INTER FLT	63XA-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0166			ALARM,,NORMAL,ALARM	Direct	4

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%AN0167	BESS LV2 INTERNAL FAULT	85XA-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0168	BESS LV1 INTERNAL FAULT	85XA-7203AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0169	A6/+04 INTERNAL FAULT	82XA-7911AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0170	AC UPS F&G A INT.FAULT	70XA-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0171	AC UPS F&G B INT.FAULT	70XA-7203AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0172	WELD TOP DECK INT.FAULT	83XA-7206AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0173			ALARM,,NORMAL,ALARM	Direct	4
%AN0174	AC UPS PAS BYP INT.FAULT	85XA-7207AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0175	DC BAT FDR A INT.FAULT	85XA-7204AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0176	DC BAT FDR B INT.FAULT	85XA-7205AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0177	WELD LOW DECK INT.FAULT	83XA-7208AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0178	NAVAID FDR A INT.FAULT	72XA-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0179	NAVAID FDR B INT.FAULT	72XA-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0180			ALARM,,NORMAL,ALARM	Direct	4
%AN0181	QF1 INTERNAL FAULT	20XA-7201AN	FAULT,,NORMAL,FAULT	Direct	4
%AN0182			ALARM,,NORMAL,ALARM	Direct	4
%AN0183			ALARM,,NORMAL,ALARM	Direct	4
%AN0184			ALARM,,NORMAL,ALARM	Direct	4
%AN0185			ALARM,,NORMAL,ALARM	Direct	4
%AN0186			ALARM,,NORMAL,ALARM	Direct	4
%AN0187	FAULT	87XA-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0188	NONCRITICALFAULT	20UA-5301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0189	GENSETOPERATION	20UA-5302AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0190	OVERLOAD	20UA-5303AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0191	USERDEF_AUX2 – RECT	20UA-5304AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0192	USERDEF_AUX2 – RECT	20UA-5305AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0193	USERDEF_AUX3 – RECT	20UA-5306AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0194	USERDEF_AUX4 – RECT	20UA-5307AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0195	USERDEF_AUX5 – RECT	20UA-5308AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0196	USERDEF_AUX6 – RECT	20UA-5309AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0197	USERDEF_AUX7– RECT	20UA-5310AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0198	BATTERY MCCB OPEN	20UA-5311AN	OPEN,,CLOSE,OPEN	Direct	4
%AN0199	USERDEF_AUX2 – INV	20UA-5312AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0200	USERDEF_AUX3 – INV	20UA-5313AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0201	USERDEF_AUX4 – INV	20UA-5314AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0202	USERDEF_AUX5 – INV	20UA-5315AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0203	USERDEF_AUX6 – INV	20UA-5316AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0204	USERDEF_AUX7 – INV	20UA-5317AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0205	USERDEF_AUX1 – SBS	20UA-5318AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0206	USERDEF_AUX2 – SBS	20UA-5319AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0207	USERDEF_AUX3 – SBS	20UA-5320AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0208	USERDEF_AUX4 – SBS	20UA-5321AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0209	USERDEF_AUX5 – SBS	20UA-5322AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0210	USERDEF_AUX6 – SBS	20UA-5323AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0211	USERDEF_AUX7 – SBS	20UA-5324AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0212	TEST WARNING	20UA-5325AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0213	TEST WARNING	20UA-5326AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0214	NONCRITICALFAULT	20UA-5401AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0215	GENSETOPERATION	20UA-5402AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0216	OVERLOAD	20UA-5403AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0217	USERDEF_AUX1 – RECT	20UA-5404AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0218	USERDEF_AUX2 – RECT	20UA-5405AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0219	USERDEF_AUX3 – RECT	20UA-5406AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0220	USERDEF_AUX4 – RECT	20UA-5407AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0221	USERDEF_AUX5 – RECT	20UA-5408AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0222	USERDEF_AUX6 – RECT	20UA-5409AN	ALARM,,NORMAL,ALARM	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0223	USERDEF_AUX7– RECT	20UA-5410AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0224	USERDEF_AUX1 – INV	20UA-5411AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0225	USERDEF_AUX2 – INV	20UA-5412AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0226	USERDEF_AUX3 – INV	20UA-5413AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0227	USERDEF_AUX4 – INV	20UA-5414AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0228	USERDEF_AUX5 – INV	20UA-5415AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0229	USERDEF_AUX6 – INV	20UA-5416AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0230	USERDEF_AUX7 – INV	20UA-5417AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0231	USERDEF_AUX1 – SBS	20UA-5418AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0232	USERDEF_AUX2 – SBS	20UA-5419AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0233	USERDEF_AUX3 – SBS	20UA-5420AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0234	USERDEF_AUX4 – SBS	20UA-5421AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0235	USERDEF_AUX5 – SBS	20UA-5422AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0236	USERDEF_AUX6 – SBS	20UA-5423AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0237	USERDEF_AUX7 – SBS	20UA-5424AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0238	TEST WARNING	20UA-54025AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0239	TEST WARNING	20UA-54026AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0240	LIFE TEST	20US-5443AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0241	EMERGENCY SWITCH OFF	20US-5310AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0242	RECTIFIER WARNING	20US-5311AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0243	INVERTER WARNING	20US-5312AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0244	SBSWARNING	20US-5313AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0245	EQUALISINGCHARGE	20US-5314AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0246	CHARGE	20US-5315AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0247	TRICKLECHARGE	20US-5316AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0248	BATTERYTEMP TOHIGH	20TA-5301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0249	CIRCUITBREAKER	20XS-5301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0250	BATTERYWARNING	20US-5317AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0251	BATTERYLOW	20US-5318AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0252	OVERLOAD	20US-5319AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0253	SHORTCIRCUIT	20US-5320AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0254	DCUNDERVOLTAGE	20US-5321AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0255	DCOVERVOLTAGE	20US-5322AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0256	SBSREADY	20RDY-5301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0257	SBSBLOCKED	20US-5323AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0258	RECTIFIERON	20US-5324AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0259	INVERTERON	20US-5325AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0260	SBSON	20US-5326AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0261	LIFECHECK BIT	LIFECHECKAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0262	ACKNOWLEDGE FAULT	20HS-5304AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0263	EQUALISING CHARGING	20HS-5305AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0264	CHARGE	20HS-5306AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0265	TRICKLE CHARGING	20HS-5307AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0266	ECO MODE	20US-5330AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0267	ACKNOWLEDGE FAULT	20HS-5309AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0268			ALARM,,NORMAL,ALARM	Direct	4
%AN0269			ALARM,,NORMAL,ALARM	Direct	4
%AN0270	TEST NOT IMPLEMENTED	20US-5331AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0271	TEST IMPL WAITNG APPROVA	20US-5332AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0272	TEST APPROVED	20US-5333AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0273	TEST RUNNING	20US-5334AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0274	TEST SUCCESSFUL	20US-5335AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0275	TEST CANCELLED	20US-5336AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0276			ALARM,,NORMAL,ALARM	Direct	4
%AN0277			ALARM,,NORMAL,ALARM	Direct	4
%AN0278	TEST NOT IMPLEMENTED	20US-5337AN	ALARM,,NORMAL,ALARM	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0279	TEST IMPL WAITNG APPROVA	20US-5338AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0280	TEST APPROVED	20US-5339AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0281	TEST RUNNING	20US-5340AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0282	TEST SUCCESSFUL	20US-5341AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0283	TEST CANCELLED	20US-5342AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0284	EMERGENCYSWITCHOFF	20US-5410AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0285	RECTIFIERWARNING	20US-5411AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0286	INVERTERWARNING	20US-5412AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0287	SBSWARNING	20US-5413AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0288	EQUALISINGCHARGE	20US-5414AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0289	CHARGE	20US-5415AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0290	TRICKLECHARGE	20US-5416AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0291	BATTERYTEMP TOHIGH	20TA-5401AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0292	CIRCUITBREAKER	20XS-5401AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0293	BATTERYWARNING	20US-5417AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0294	BATTERYLOW	20US-5418AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0295	OVERLOAD	20US-5419AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0296	SHORTCIRCUIT	20US-5420AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0297	DCUNDERVOLTAGE	20US-5421AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0298	DCOVERVOLTAGE	20US-5422AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0299	SBSREADY	20RDY-5401AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0300	SBSBLOCKED	20US-5423AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0301	RECTIFIERON	20US-5424AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0302	INVERTERON	20US-5425AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0303	SBSON	20US-5426AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0304	LIFECHECK BIT	LIFECHECKBITAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0305			ALARM,,NORMAL,ALARM	Direct	4
%AN0306			ALARM,,NORMAL,ALARM	Direct	4
%AN0307			ALARM,,NORMAL,ALARM	Direct	4
%AN0308			ALARM,,NORMAL,ALARM	Direct	4
%AN0309			ALARM,,NORMAL,ALARM	Direct	4
%AN0310			ALARM,,NORMAL,ALARM	Direct	4
%AN0311			ALARM,,NORMAL,ALARM	Direct	4
%AN0312			ALARM,,NORMAL,ALARM	Direct	4
%AN0313	TEST NOT IMPLEMENTED	20US-5431AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0314	TEST IMPL WAITNG APPROVA	20US-5432AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0315	TEST APPROVED	20US-5433AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0316	TEST RUNNING	20US-5434AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0317	TEST SUCCESSFUL	20US-5435AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0318	TEST CANCELLED	20US-5436AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0319	START TEST	20HS-54014AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0320	CANCEL TEST	20HS-5415AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0321	TEST NOT IMPLEMENTED	20US-5437AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0322	TEST IMPL WAITING FOR AP	20US-5438AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0323	TEST APPROVED	20US-5439AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0324	TEST RUNNING	20US-5440AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0325	TEST SUCCESSFUL	20US-5441AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0326	TEST CANCELLED	20US-5442AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0327	LOSS 230VAC AUX VOLT	87A1XL-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0328	FP1 WATCHDOG PROT	87A1XL-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0329	MCB'S HEALTHY	87A1XL-005AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0330	DP-200N1 EMG LITE ON	87A1XL-007AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0331	DP-200N1 EMG LITE ACT	87A1XL-008AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0332	DP-200N1 EMG CB CLS	87A1XZSL-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0333	DP-200N1 TRC HEAT ACT	87A1XL-009AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0334	DP-200N1 TRC HEAT CB	87A1XZSL-002AN	ALARM,,NORMAL,ALARM	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0335	DP-200N1 TRC HEAT CB	87A1XZSL-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0336	CB CLS	201BXZSL-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0337	CB OPN	201BXZSH-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0338	SA1 LOCAL	201CXL-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0339	AC UPS F&G BYP CB CLS	702BXZSL-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0340	AC UPS F&G BYP CB OP	702BXZSH-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0341	AC UPS PAS LN A CB CLS	872BXZSL-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0342	AC UPS PAS LN A CB OP	872BXZSH-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0343	AC UPS PAS LN B CB CLS	872BXZSL-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0344	AC UPS PAS LN B CB OP	872BXZSH-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0345	AC UPS F&G LN A CB CLS	702BXZSL-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0346	AC UPS F&G LN A CB OP	702BXZSH-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0347	AC UPS F&G LN B CB CLS	702BXZSL-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0348	AC UPS F&G LN B CB OP	702BXZSH-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0349	WELD TOP DECK CB CLS	872BXZSL-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0350	WELD TOP DECK CB OP	872BXZSH-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0351	AC UPS PAS BYP CB CLS	872BXZSL-004AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0352	AC UPS PAS BYP CB OP	872BXZSH-004AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0353	DC BAT FDR A CB CLS	852BXZSL-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0354	DC BAT FDR A CB OP	852BXZSH-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0355	DC BAT FDR B CB CLS	852BXZSL-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0356	DC BAT FDR B CB OP	852BXZSH-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0357	NAVAID FDR A CB CLS	722BXZSL-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0358	NAVAID FDR A CB OP	722BXZSH-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0359	NAVAID FDR B CB CLS	722BXZSL-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0360	NAVAID FDR B CB OP	722BXZSH-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0361	WELD LOW DECK CB CLS	872BXZSL-005AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0362	WELD LOW DECK CB OP	872BXZSH-005AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0363	DB BOP SA1 LOC	872CXL-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0364	CRANE SA1 LOC	872CXL-010AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0365	WTP SA1 LOC	502CXL-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0366	HVAC PNL HV SA1 LOC	772CXL-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0367	FC AUX LD SA1 LOC	802CXL-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0368	BESS PCS CAB SA1 LOC	852CXL-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0369	IA 01A SA1 LOC	632CXL-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0370	HVAC LV RM SA1 LOC	772CXL-010AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0371	HVAC UPS RM SA1 LOC	772CXL-017AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0372	HVAC ITER SA1 LOC	772CXL-024AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0373	ICCP SA1 LOC	872CXL-017AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0374	IA 01B SA1 LOC	632CXL-010AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0375	BESS LV1 SA1 LOC	852CXL-010AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0376	BESS LV2 SA1 LOC	852CXL-017AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0377	TEMP GEN/BAT CB CLS	872BXZSL-009AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0378	TEMP GEN/BAT CB OPN	872BXZSH-009AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0379	SW PMP A PA1 LOC STOP	50PA1-001AAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0380	SW PMP B PA1 LOC STOP	50PA1-001BAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0381	DEW POINT Tx BAD PV	63AIT051-BADPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0382	PT IA REC BAD PV	63PT064-BADPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0383	TT IN AIR BAD PV	63TIT051-BADPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0384	TT IA REC BAD PV	63TIT052-BADPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0385	FT OL AIR BAD PV	63FIT051-BADPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0386	DPT IN FLTRS BAD PV	63PDI051-BPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0387	DPT OL FLTRS BAD PV	63PDI052-BPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0388	PLANT GENERAL ALM	63ALARM-PLANTAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0389	PLANT READY	63PLANT-READYAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0390	PLANT RUNN	63PLANT-RUNAN	ALARM,,NORMAL,ALARM	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0391	DRYER 1 ALM	63ALARMDRY-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0392	DRYER 2 ALM	63ALARMDRY-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0393	REMOTE START CMD	63STCMDAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0394	REMOTE STOP CMD	63SPCMDAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0395	IL PRES TRANS- BAD PV	64PT051-BADPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0396	T1 PRES TRANS- BAD PV	64PT052-BADPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0397	T2 PRES TRANS- BAD PV	64PT053-BADPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0398	OL B PRES TRANS- BAD PV	64PT057-BADPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0399	PRES TRANS OL FIL-BAD PV	64PT059-BADPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0400	OXYGEN TRANS- BAD PV	64PDIT056-BADAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0401	DIF PRES TRANS OL FIL-PV	64AT051-BADPVAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0402	PLANT GEN ALARM	64ALARM-PLANTAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0403	PLANT READY	64PLANT-READYAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0404	PLANT RUNNING	64PLANT-RUNAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0405	PERM HOT STANDBY	87HSTBY-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0406	PERM COLD STANDBY	87CSTBY-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0407	PERM TO ENTER EMG MODE	87EMG-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0408	PERM TO EXPORT MODE	87EXP-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0409	PERM TO START FUELCELL	87PERMSTF-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0410	PERM TO START ELECT	87PERMSTE-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0411	FUEL TANKS ARE FULL	87INDFULL-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0412	PERM TO START ELECT	87PERM-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0413	EMCS PERM TO ST FUELCELL	87STF-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0414	POWER OUT MODE	87XS-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0415	LOAD SHEDDING 2	87LDSH-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0416	SWP-A COMMON FLT	P-50001ACMFLAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0417	SWP-B COMMON FLT	P-50001BCMFLAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0418			ALARM,,NORMAL,ALARM	Direct	4
%AN0419			ALARM,,NORMAL,ALARM	Direct	4
%AN0420			ALARM,,NORMAL,ALARM	Direct	4
%AN0421			ALARM,,NORMAL,ALARM	Direct	4
%AN0422	EXPORT MODE FAIL	EXPRTSEQFLAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0423	FUEL CELL STPCMD	FUELCLSTPAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0424	EMERGNCY MODE STPM	EMGMDSTPMAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0425	WTP AUTO STOP	WTPASPAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0426	AUTO STOP AUX ELECTROLIS	AUXELASPAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0427	DISCH MODE PERMMISSIVE	DISMODEPMAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0428	NITROGEN PLANT SHUTDOWN	64ESD-SIS001HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0429	INTERNAL CAB THRMOSTAT	64TH001-HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0430	VALVE XY001 ALARM	64XY001-HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0431	VALVE XY002 ALARM	64XY002-HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0432	VALVE XY003 ALARM	64XY003-HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0433	VALVE XY004 ALARM	64XY004-HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0434	VALVE XY005 ALARM	64XY005-HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0435	VALVE XY006 ALARM	64XY006-HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0436	VALVE XY007 ALARM	64XY007-HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0437	VALVE XY008 ALARM	64XY008-HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0438	VALVE XY009 ALARM	64XY009-HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0439	LIFE TEST	20US-5343AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0440	LOAD SHEDDING 1	87LDSH-001AN	ON,,OFF,ON	Direct	4
%AN0441	CHARGE	20UA-5327AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0442	TRICKLE CHARGE	20UA-5328AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0443	CHARGE	20UA-5427AN	ON,,OFF,ON	Direct	4
%AN0444	TRICKLE CHARGE	20UA-5428AN	ON,,OFF,ON	Direct	4
%AN0445	H2 TANK FULL	87H2TK-0001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0446	VALVE 64XV-60 ALARM	64XY060-HAN	ALARM,,NORMAL,ALARM	Direct	4

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%AN0447	VALVE 64XV-61 ALARM	64XY061-HAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0448			ON,,OFF,ON	Direct	4
%AN0449			ON,,OFF,ON	Direct	4
%AN0450			ON,,OFF,ON	Direct	4
%AN0451	VSL-A STARTUP PURG CMPLT	T1AAH	ON,,OFF,ON	Direct	4
%AN0452	VSL-B STARTUP PURG CMPLT	T1BAH	ON,,OFF,ON	Direct	4
%AN0453	VSL-C STARTUP PURG CMPLT	T1CAH	ON,,OFF,ON	Direct	4
%AN0454	VSL-D STARTUP PURG CMPLT	T1DAH	ON,,OFF,ON	Direct	4
%AN0455	VSL-E STARTUP PURG CMPLT	T1EAH	ON,,OFF,ON	Direct	4
%AN0456	VSL-F STARTUP PURG CMPLT	T1FAH	ON,,OFF,ON	Direct	4
%AN0457			ON,,OFF,ON	Direct	4
%AN0458			ON,,OFF,ON	Direct	4
%AN0459			ON,,OFF,ON	Direct	4
%AN0460			ON,,OFF,ON	Direct	4
%AN0461			ON,,OFF,ON	Direct	4
%AN0462			ON,,OFF,ON	Direct	4
%AN0463			ON,,OFF,ON	Direct	4
%AN0464			ON,,OFF,ON	Direct	4
%AN0465			ON,,OFF,ON	Direct	4
%AN0466			ON,,OFF,ON	Direct	4
%AN0467			ON,,OFF,ON	Direct	4
%AN0468			ON,,OFF,ON	Direct	4
%AN0469			ON,,OFF,ON	Direct	4
%AN0470			ON,,OFF,ON	Direct	4
%AN0471			ON,,OFF,ON	Direct	4
%AN0472			ON,,OFF,ON	Direct	4
%AN0473			ON,,OFF,ON	Direct	4
%AN0474			ON,,OFF,ON	Direct	4
%AN0475			ON,,OFF,ON	Direct	4
%AN0476			ON,,OFF,ON	Direct	4
%AN0477			ON,,OFF,ON	Direct	4
%AN0478			ON,,OFF,ON	Direct	4
%AN0479			ON,,OFF,ON	Direct	4
%AN0480			ON,,OFF,ON	Direct	4
%AN0481			ON,,OFF,ON	Direct	4
%AN0482			ON,,OFF,ON	Direct	4
%AN0483			ON,,OFF,ON	Direct	4
%AN0484			ON,,OFF,ON	Direct	4
%AN0485			ON,,OFF,ON	Direct	4
%AN0486			ON,,OFF,ON	Direct	4
%AN0487			ON,,OFF,ON	Direct	4
%AN0488			ON,,OFF,ON	Direct	4
%AN0489			ON,,OFF,ON	Direct	4
%AN0490			ON,,OFF,ON	Direct	4
%AN0491			ON,,OFF,ON	Direct	4
%AN0492			ON,,OFF,ON	Direct	4
%AN0493			ON,,OFF,ON	Direct	4
%AN0494			ON,,OFF,ON	Direct	4
%AN0495			ON,,OFF,ON	Direct	4
%AN0496			ON,,OFF,ON	Direct	4
%AN0497			ON,,OFF,ON	Direct	4
%AN0498			ON,,OFF,ON	Direct	4
%AN0499			ON,,OFF,ON	Direct	4
%AN0500			ON,,OFF,ON	Direct	4
%AN0501	P50001A TRIP ALARM	50XA-004AAN	ON,,OFF,ON	Direct	4
%AN0502	P50001B TRIP ALARM	50XA-004BAN	ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0503			ON,,OFF,ON	Direct	4
%AN0504			ON,,OFF,ON	Direct	4
%AN0505			ON,,OFF,ON	Direct	4
%AN0506			ON,,OFF,ON	Direct	4
%AN0507			ON,,OFF,ON	Direct	4
%AN0508			ON,,OFF,ON	Direct	4
%AN0509			ON,,OFF,ON	Direct	4
%AN0510			ON,,OFF,ON	Direct	4
%AN0511	ALM DRIER-1 TWR A PS	63PS054HAN	ALARM,,NORMAL,ALARM	Direct	6
%AN0512	ALM DRIER-1 TWR B PS	63PS056HAN	ALARM,,NORMAL,ALARM	Direct	6
%AN0513	ALM DRIER-2 TWR A PS	63PS058HAN	ALARM,,NORMAL,ALARM	Direct	6
%AN0514	ALM DRIER-2 TWR B PS	63PS060HAN	ALARM,,NORMAL,ALARM	Direct	6
%AN0515	Compressor-1 GENERAL ALM	63COMP001HAN	ALARM,,NORMAL,ALARM	Direct	6
%AN0516	Compressor-2 GENERAL ALM	63COMP002HAN	ALARM,,NORMAL,ALARM	Direct	6
%AN0517	SURG ARR 230VAC_SERV ALM	6320FS12HAN	ALARM,,NORMAL,ALARM	Direct	6
%AN0518	SURG ARR 230VAC_UPS ALM	6321FS12HAN	ALARM,,NORMAL,ALARM	Direct	6
%AN0519	INT CAB HRMOSTAT ALM	63TH001HAN	ALARM,,NORMAL,ALARM	Direct	6
%AN0520			ON,,OFF,ON	Direct	4
%AN0521			ON,,OFF,ON	Direct	4
%AN0522			ON,,OFF,ON	Direct	4
%AN0523			ON,,OFF,ON	Direct	4
%AN0524			ON,,OFF,ON	Direct	4
%AN0525			ON,,OFF,ON	Direct	4
%AN0526			ON,,OFF,ON	Direct	4
%AN0527			ON,,OFF,ON	Direct	4
%AN0528			ON,,OFF,ON	Direct	4
%AN0529			ON,,OFF,ON	Direct	4
%AN0530			ON,,OFF,ON	Direct	4
%AN0531			ON,,OFF,ON	Direct	4
%AN0532			ON,,OFF,ON	Direct	4
%AN0533			ON,,OFF,ON	Direct	4
%AN0534			ON,,OFF,ON	Direct	4
%AN0535			ON,,OFF,ON	Direct	4
%AN0536			ON,,OFF,ON	Direct	4
%AN0537			ON,,OFF,ON	Direct	4
%AN0538			ON,,OFF,ON	Direct	4
%AN0539			ON,,OFF,ON	Direct	4
%AN0540			ON,,OFF,ON	Direct	4
%AN0541	QF1 SA1 LOCAL	20LOC-7302AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0542	A2/+05 INTERNAL FAULT	82LOC-7304AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0543	A3/+02 SA1 ON LOCAL	82LOC-7404AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0544	DB BOP SA1 ON LOCAL	87LOC-7301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0545	CRANE SA1 ON LOCAL	87LOC-7302AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0546	A3/+05 SA1 ON LOCAL	82LOC-7504AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0547	WTP SA1 ON LOCAL	50LOC-7301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0548	HVAC PNL HV SA1 LOC	77LOC-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0549	FC AUX LD SA1 LOC	80LOC-7301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0550	BESS PCS CAB SA1 LOC	85LOC-7301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0551	SP A4/+05 SA1 LOC	82LOC-7604AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0552	SP A4/+06 SA1 LOC	82LOC-7704AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0553	IA 01A SA1 LOC	63LOC-7301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0554	SP A5/+01 SA1 LOC	82LOC-7804AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0555	HVAC LV RM SA1 LOC	77LOC-7302AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0556	HVAC UPS RM SA1 LOC	77LOC-7303AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0557	HVAC ITER SA1 LOC	77LOC-7304AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0558	ICCP SA1 LOC	87LOC-7303AN	ALARM,,NORMAL,ALARM	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0559	SP A5/+06 SA1 LOC	82LOC-7904AN	START,PAUSE,RESTART,START2	Direct	4
%AN0560	IA 01B SA1 LOC	63LOC-7302AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0561	BESS LV2 LOCAL	85LOC-7302AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0562	BESS LV1 LOCAL	85LOC-7303AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0563	A6/+04 LOCAL	82LOC-7914AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0564			ON,,OFF,ON	Direct	4
%AN0565			ON,,OFF,ON	Direct	4
%AN0566			ON,,OFF,ON	Direct	4
%AN0567			ON,,OFF,ON	Direct	4
%AN0568			ON,,OFF,ON	Direct	4
%AN0569			ON,,OFF,ON	Direct	4
%AN0570	87LDSH-001A ANN	87LDSH-001AAN	ON,,OFF,ON	Direct	4
%AN0571	87LDSH-001B ANN	87LDSH-001BAN	ON,,OFF,ON	Direct	4
%AN0572			ON,,OFF,ON	Direct	4
%AN0573			ON,,OFF,ON	Direct	4
%AN0574			ON,,OFF,ON	Direct	4
%AN0575			ON,,OFF,ON	Direct	4
%AN0576			ON,,OFF,ON	Direct	4
%AN0577			ON,,OFF,ON	Direct	4
%AN0578			ON,,OFF,ON	Direct	4
%AN0579			ON,,OFF,ON	Direct	4
%AN0580			ON,,OFF,ON	Direct	4
%AN0581			ON,,OFF,ON	Direct	4
%AN0582			ON,,OFF,ON	Direct	4
%AN0583			ON,,OFF,ON	Direct	4
%AN0584			ON,,OFF,ON	Direct	4
%AN0585			ON,,OFF,ON	Direct	4
%AN0586			ON,,OFF,ON	Direct	4
%AN0587	INST AIR LIFECHECK BIT	63WDINST-AN	ON,,OFF,ON	Direct	4
%AN0588	NITROGEN LIFECHECK BIT	64WDNIT-AN	ON,,OFF,ON	Direct	4
%AN0589	NITRGN CURRENT PHASE FLT	64CURPHSFLT-AN	ON,,OFF,ON	Direct	4
%AN0590			ON,,OFF,ON	Direct	4
%AN0591			ON,,OFF,ON	Direct	4
%AN0592			ON,,OFF,ON	Direct	4
%AN0593			ON,,OFF,ON	Direct	4
%AN0594			ON,,OFF,ON	Direct	4
%AN0595			ALARM,,NORMAL,ALARM	Direct	4
%AN0596			ALARM,,NORMAL,ALARM	Direct	4
%AN0597			ALARM,,NORMAL,ALARM	Direct	4
%AN0598			ALARM,,NORMAL,ALARM	Direct	4
%AN0599			ALARM,,NORMAL,ALARM	Direct	4
%AN0600			ALARM,,NORMAL,ALARM	Direct	4
%AN0601			ALARM,,NORMAL,ALARM	Direct	4
%AN0602			ALARM,,NORMAL,ALARM	Direct	4
%AN0603			ALARM,,NORMAL,ALARM	Direct	4
%AN0604			ALARM,,NORMAL,ALARM	Direct	4
%AN0605			ON,,OFF,ON	Direct	4
%AN0606			ON,,OFF,ON	Direct	4
%AN0607			ON,,OFF,ON	Direct	4
%AN0608			ON,,OFF,ON	Direct	4
%AN0609			ON,,OFF,ON	Direct	4
%AN0610			ON,,OFF,ON	Direct	4
%AN0611			ON,,OFF,ON	Direct	4
%AN0612			ON,,OFF,ON	Direct	4
%AN0613			ON,,OFF,ON	Direct	4
%AN0614			ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0615			ON,,OFF,ON	Direct	4
%AN0616			ON,,OFF,ON	Direct	4
%AN0617			ON,,OFF,ON	Direct	4
%AN0618			ON,,OFF,ON	Direct	4
%AN0619			ON,,OFF,ON	Direct	4
%AN0620			ON,,OFF,ON	Direct	4
%AN0621			ON,,OFF,ON	Direct	4
%AN0622			ON,,OFF,ON	Direct	4
%AN0623			ON,,OFF,ON	Direct	4
%AN0624			ON,,OFF,ON	Direct	4
%AN0625			ON,,OFF,ON	Direct	4
%AN0626			ON,,OFF,ON	Direct	4
%AN0627			ON,,OFF,ON	Direct	4
%AN0628			ON,,OFF,ON	Direct	4
%AN0629			ON,,OFF,ON	Direct	4
%AN0630	HFD001 DMP DSCR ALRM	77HFD001-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0631	HFD002 DMP DSCR ALRM	77HFD002-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0632	HFD003 DMP DSCR ALRM	77HFD003-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0633	HFD004 DMP DSCR ALRM	77HFD004-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0634	HFD005 DMP DSCR ALRM	77HFD005-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0635	HFD006 DMP DSCR ALRM	77HFD006-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0636	HFD007 DMP DSCR ALRM	77HFD007-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0637	HFD008 DMP DSCR ALRM	77HFD008-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0638	HFD009 DMP DSCR ALRM	77HFD009-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0639	HFD010 DMP DSCR ALRM	77HFD010-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0640	HFD011 DMP DSCR ALRM	77HFD011-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0641	HFD012 DMP DSCR ALRM	77HFD012-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0642	HFD013 DMP DSCR ALRM	77HFD013-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0643	HFD014 DMP DSCR ALRM	77HFD014-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0644	HFD015 DMP DSCR ALRM	77HFD015-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0645	HFD016 DMP DSCR ALRM	77HFD016-DSAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0646			ON,,OFF,ON	Direct	4
%AN0647			ON,,OFF,ON	Direct	4
%AN0648			ON,,OFF,ON	Direct	4
%AN0649			ON,,OFF,ON	Direct	4
%AN0650			ALARM,,NORMAL,ALARM	Direct	4
%AN0651			ON,,OFF,ON	Direct	4
%AN0652			ON,,OFF,ON	Direct	4
%AN0653			ON,,OFF,ON	Direct	4
%AN0654			ON,,OFF,ON	Direct	4
%AN0655			ON,,OFF,ON	Direct	4
%AN0656			ON,,OFF,ON	Direct	4
%AN0657			ON,,OFF,ON	Direct	4
%AN0658			ON,,OFF,ON	Direct	4
%AN0659			ON,,OFF,ON	Direct	4
%AN0660			ON,,OFF,ON	Direct	4
%AN0661			ON,,OFF,ON	Direct	4
%AN0662			ON,,OFF,ON	Direct	4
%AN0663			ON,,OFF,ON	Direct	4
%AN0664			ON,,OFF,ON	Direct	4
%AN0665			ON,,OFF,ON	Direct	4
%AN0666			ON,,OFF,ON	Direct	4
%AN0667			ON,,OFF,ON	Direct	4
%AN0668			ON,,OFF,ON	Direct	4
%AN0669			ON,,OFF,ON	Direct	4
%AN0670			ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0671			ON,,OFF,ON	Direct	4
%AN0672			ON,,OFF,ON	Direct	4
%AN0673			ON,,OFF,ON	Direct	4
%AN0674			ON,,OFF,ON	Direct	4
%AN0675			ON,,OFF,ON	Direct	4
%AN0676			ON,,OFF,ON	Direct	4
%AN0677			ON,,OFF,ON	Direct	4
%AN0678			ON,,OFF,ON	Direct	4
%AN0679			ON,,OFF,ON	Direct	4
%AN0680			ON,,OFF,ON	Direct	4
%AN0681			ON,,OFF,ON	Direct	4
%AN0682			ON,,OFF,ON	Direct	4
%AN0683			ON,,OFF,ON	Direct	4
%AN0684			ON,,OFF,ON	Direct	4
%AN0685			ON,,OFF,ON	Direct	4
%AN0686			ON,,OFF,ON	Direct	4
%AN0687			ON,,OFF,ON	Direct	4
%AN0688			ON,,OFF,ON	Direct	4
%AN0689			ON,,OFF,ON	Direct	4
%AN0690			ON,,OFF,ON	Direct	4
%AN0691			ALARM,,NORMAL,ALARM	Direct	4
%AN0692			ALARM,,NORMAL,ALARM	Direct	4
%AN0693			ALARM,,NORMAL,ALARM	Direct	4
%AN0694	MANUAL CALL POINT	50HS-021AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0695	WTP CONTAINR FIRE DETECT	950SDZ-05201	ALARM,,NORMAL,ALARM	Direct	4
%AN0696	WTP CONTAINR FIRE DETECT	950SDZ-05202	ALARM,,NORMAL,ALARM	Direct	4
%AN0697	WTP CONTAINR FIRE DETECT	950SDZ-05203	ALARM,,NORMAL,ALARM	Direct	4
%AN0698	SIA SYS COMM FAULT	50XS-099AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0699			ON,,OFF,ON	Direct	4
%AN0700	SEAWTR IL VLV FAIL	50XV020_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0701	P50003A SUCTVLV FAIL	50XV021_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0702	P50003B SUCTVLV FAIL	50XV022_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0703	P50003A FLSHVLV FAIL	50XV023_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0704	P50003B FLSHVLV FAIL	50XV024_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0705	A50007A_B VLV FAIL	50XV025_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0706	FRSH WTR DRNA50007AB FL	50XV026_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0707	BRN VLV A50007A FAIL	50XV027_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0708	FRSH WTR VLVA50007B FAIL	50XV028_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0709	FRSH WTR DRNA50007B FAIL	50XV029_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0710	BRN VLV A50007B FAIL	50XV030_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0711	FRSH WTR OL VLV FAIL	50XV031_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0712	FRSH WTR VLVOFFSPEC FAIL	50XV032_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0713	BCK WSH PMP FAILURE	50P50002A_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0714	BCK WSH PMP FAILURE	50P50002B_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0715	SW BSTR PMP FAILURE	50P50003A_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0716	SW BSTR PMP FAILURE	50P50003B_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0717	HP PMP FAILURE	50P50004A_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0718	HP PMP FAILURE	50P50004B_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0719	CAUSTIC SODADSING PMP FL	50P50005A_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0720	CAUSTIC SODADSING PMP FL	50P50005B_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0721	ANTISCALANT DSING PMP FL	50P50006A_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0722	ANTISCALANT DSING PMP FL	50P50006B_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0723	BIOCID DSNG CNTR IL FAIL	50P50007A_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0724	BIOCID DSNG CNTR IL FAIL	50P50007B_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0725	BIOCIDE DSNG SWTR IN FL	50P50008A_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0726	BIOCIDE DSNG SWTR IN FL	50P50008B_FAN	TRIP,,NORMAL,TRIP	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0727	FRSH WTR PMP FAILURE	50P50009A_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0728	FRSH WTR PMP FAILURE	50P50009B_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0729	BIOCIDE DSNGPMP WST TK F	50P50010A_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0730	BIOCIDE DSNGPMP WST TK F	50P50010B_FAN	TRIP,,NORMAL,TRIP	Direct	4
%AN0731	SEA WTR DRN H-50001	50XV033_FAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0732	SEA WTR DRN T-50006	50XV034_FAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0733	SEA WTR DRN T-50008	50XV035_FAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0734			ALARM,,NORMAL,ALARM	Direct	4
%AN0735	REDUNDANCY CPU FAIL	63RED_FAILAN	NORMAL,,FAULT,NORMAL	Reverse	4
%AN0736	REDUNDANCY CPU FAIL	63CPU_SWITCHAN	NORMAL,,FAULT,NORMAL	Reverse	4
%AN0737	IM ERROR	63IM_ERRAN	NORMAL,,FAULT,NORMAL	Reverse	4
%AN0738	PNPN COUPLERERROR	63PNPN_ERRAN	NORMAL,,FAULT,NORMAL	Reverse	4
%AN0739	NETWORK PN/IE_1 ERROR	63NET_ERRAN	NORMAL,,FAULT,NORMAL	Reverse	4
%AN0740			ALARM,,NORMAL,ALARM	Direct	4
%AN0741	H2 DETECT CONTAINER HI	950GDZ-020AH	ALARM,,NORMAL,ALARM	Direct	4
%AN0742	H2 DETECT CONTAINER HIHI	950GDZ-020AHH	ALARM,,NORMAL,ALARM	Direct	4
%AN0743	H2 DETECT CONTAINER HI	950GDZ-020BH	ALARM,,NORMAL,ALARM	Direct	4
%AN0744	H2 DETECT CONTAINER HIHI	950GDZ-020BHH	ALARM,,NORMAL,ALARM	Direct	4
%AN0745	H2 DETECT CONTAINER HI	950GDZ-020CH	ALARM,,NORMAL,ALARM	Direct	4
%AN0746	H2 DETECT CONTAINER HIHI	950GDZ-020CHH	ALARM,,NORMAL,ALARM	Direct	4
%AN0747			ALARM,,NORMAL,ALARM	Direct	4
%AN0748			ALARM,,NORMAL,ALARM	Direct	4
%AN0749			ALARM,,NORMAL,ALARM	Direct	4
%AN0750			ALARM,,NORMAL,ALARM	Direct	4
%AN0751			ALARM,,NORMAL,ALARM	Direct	4
%AN0752			ALARM,,NORMAL,ALARM	Direct	4
%AN0753			ALARM,,NORMAL,ALARM	Direct	4
%AN0754			ALARM,,NORMAL,ALARM	Direct	4
%AN0755			ALARM,,NORMAL,ALARM	Direct	4
%AN0756			ALARM,,NORMAL,ALARM	Direct	4
%AN0757			ALARM,,NORMAL,ALARM	Direct	4
%AN0758			ALARM,,NORMAL,ALARM	Direct	4
%AN0759			ALARM,,NORMAL,ALARM	Direct	4
%AN0760			ALARM,,NORMAL,ALARM	Direct	4
%AN0761			ALARM,,NORMAL,ALARM	Direct	4
%AN0762			ALARM,,NORMAL,ALARM	Direct	4
%AN0763			ALARM,,NORMAL,ALARM	Direct	4
%AN0764			ALARM,,NORMAL,ALARM	Direct	4
%AN0765			ALARM,,NORMAL,ALARM	Direct	4
%AN0766			ALARM,,NORMAL,ALARM	Direct	4
%AN0767			ALARM,,NORMAL,ALARM	Direct	4
%AN0768			ALARM,,NORMAL,ALARM	Direct	4
%AN0769			ALARM,,NORMAL,ALARM	Direct	4
%AN0770			ALARM,,NORMAL,ALARM	Direct	4
%AN0771			ALARM,,NORMAL,ALARM	Direct	4
%AN0772			ALARM,,NORMAL,ALARM	Direct	4
%AN0773			ALARM,,NORMAL,ALARM	Direct	4
%AN0774			ALARM,,NORMAL,ALARM	Direct	4
%AN0775			ALARM,,NORMAL,ALARM	Direct	4
%AN0776			ALARM,,NORMAL,ALARM	Direct	4
%AN0777			ON,,OFF,ON	Direct	4
%AN0778			ON,,OFF,ON	Direct	4
%AN0779			ON,,OFF,ON	Direct	4
%AN0780			ON,,OFF,ON	Direct	4
%AN0781			ON,,OFF,ON	Direct	4
%AN0782			ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0783			ON,,OFF,ON	Direct	4
%AN0784			ON,,OFF,ON	Direct	4
%AN0785			ON,,OFF,ON	Direct	4
%AN0786			ON,,OFF,ON	Direct	4
%AN0787			ON,,OFF,ON	Direct	4
%AN0788			ON,,OFF,ON	Direct	4
%AN0789			ON,,OFF,ON	Direct	4
%AN0790			ON,,OFF,ON	Direct	4
%AN0791			ON,,OFF,ON	Direct	4
%AN0792			ON,,OFF,ON	Direct	4
%AN0793			ON,,OFF,ON	Direct	4
%AN0794			ON,,OFF,ON	Direct	4
%AN0795			ON,,OFF,ON	Direct	4
%AN0796			ON,,OFF,ON	Direct	4
%AN0797			ON,,OFF,ON	Direct	4
%AN0798			ON,,OFF,ON	Direct	4
%AN0799			ON,,OFF,ON	Direct	4
%AN0800			ON,,OFF,ON	Direct	4
%AN0801			ON,,OFF,ON	Direct	4
%AN0802			ON,,OFF,ON	Direct	4
%AN0803			ON,,OFF,ON	Direct	4
%AN0804			ON,,OFF,ON	Direct	4
%AN0805			ON,,OFF,ON	Direct	4
%AN0806			ON,,OFF,ON	Direct	4
%AN0807	PROCESS STUP CHRG FAIL-A	T2AAH	ON,,OFF,ON	Direct	4
%AN0808	PROCESS STUP CHRG FAIL-B	T2BAH	ON,,OFF,ON	Direct	4
%AN0809	PROCESS STUP CHRG FAIL-C	T2CAH	ON,,OFF,ON	Direct	4
%AN0810	PROCESS STUP CHRG FAIL-D	T2DAH	ON,,OFF,ON	Direct	4
%AN0811	PROCESS STUP CHRG FAIL-E	T2EAH	ON,,OFF,ON	Direct	4
%AN0812	PROCESS STUP CHRG FAIL-F	T2FAH	ON,,OFF,ON	Direct	4
%AN0813			ON,,OFF,ON	Direct	4
%AN0814			ON,,OFF,ON	Direct	4
%AN0815			ON,,OFF,ON	Direct	4
%AN0816			ON,,OFF,ON	Direct	4
%AN0817			ON,,OFF,ON	Direct	4
%AN0818			ON,,OFF,ON	Direct	4
%AN0819			ON,,OFF,ON	Direct	4
%AN0820			ON,,OFF,ON	Direct	4
%AN0821	GRAD ALM RECOVERY	25PI-035GRADNR	ON,,OFF,ON	Direct	4
%AN0822	GRAD ALM RECOVERY	25PI-037GRADNR	ON,,OFF,ON	Direct	4
%AN0823	GRAD ALM RECOVERY	25PI-040GRADNR	ON,,OFF,ON	Direct	4
%AN0824	GRAD ALM RECOVERY	25PI-043GRADNR	ON,,OFF,ON	Direct	4
%AN0825	GRAD ALM RECOVERY	25PI-046GRADNR	ON,,OFF,ON	Direct	4
%AN0826	GRAD ALM RECOVERY	25PI-049GRADNR	ON,,OFF,ON	Direct	4
%AN0827			ON,,OFF,ON	Direct	4
%AN0828			ON,,OFF,ON	Direct	4
%AN0829			ON,,OFF,ON	Direct	4
%AN0830			ON,,OFF,ON	Direct	4
%AN0831	SG200N1 FP1 WD PROT	87XS-7116AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0832	QF1 TRIP	20XS-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0833	AC UPS F&G BYP TRIPPED	70XS-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0834	A2/+05 TRIPPED	82XS-7306AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0835	TEMP GEN/BAT CB TRIPPED	87XS-7204AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0836	AC UPS PAS A CB TRIPPED	87XS-7209AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0837	A3/+02 TRIPPED	82XS-7406AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0838	DB BOP TRIPPED	87XS-7201AN	ALARM,,NORMAL,ALARM	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0839	CRANE TRIPPED	87XS-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0840	A3/+05 TRIPPED	82XS-7506AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0841	WTP TRIPPED	50XS-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0842	QF1 PROT TRIP L	20XS-7117AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0843	QF1 PROT TRIP S	20XS-7118AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0844	QF1 PROT TRIP I	20XS-7119AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0845	QF1 PROT TRIP G	20XS-7120AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0846	QF1 - TRIP UNIT DISCON	20XS-7121AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0847	A2/+05 TRIP L	82XS-7301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0848	A2/+05 TRIP S	82XS-7302AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0849	A2/+05 TRIP I	82XS-7303AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0850	A2/+05 TRIP G	82XS-7304AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0851	A2/+05 DISCON	82XS-7305AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0852	A3/+02 TRIP L	82XS-7401AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0853	A3/+02 TRIP S	82XS-7402AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0854	A3/+02 TRIP I	82XS-7403AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0855	A3/+02 TRIP G	82XS-7404AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0856	A3/+02 DISCON	82XS-7405AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0857	DB BOP TRIP L	87XS-7101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0858	DB BOP TRIP S	87XS-7102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0859	DB BOP TRIP I	87XS-7103AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0860	DB BOP TRIP G	87XS-7104AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0861	DB BOP TRIP DISCON	87XS-7105AN	NORMAL,,FAULT,NORMAL	Direct	4
%AN0862	CRANE TRIP L	87XS-7106AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0863	CRANE TRIP S	87XS-7107AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0864	CRANE TRIP I	87XS-7108AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0865	CRANE TRIP G	87XS-7109AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0866	CRANE TRIP DISCON	87XS-7110AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0867	A3/+05 TRIP L	82XS-7501AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0868	A3/+05 TRIP S	82XS-7502AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0869	A3/+05 TRIP I	82XS-7503AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0870	A3/+05 TRIP G	82XS-7504AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0871	A3/+05 DISCON	82XS-7505AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0872	WTP TRIP L	50XS-7101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0873	WTP TRIP S	50XS-7102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0874	WTP TRIP I	50XS-7103AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0875	WTP TRIP G	50XS-7104AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0876	WTP TRIP DISCON	50XS-7105AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0877	AC UPS PAS LN B CB TRIP	87XS-7205AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0878	HVAC PNL HV TRIPPED	77XS-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0879	FC AUX LDTRIPPED	80XS-7206AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0880	BESS PCS CAB TRIPPED	85XS-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0881	SP A4/+05 TRIPPED	82XS-7606AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0882	SP A4/+06 TRIPPED	82XS-7706AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0883	IA 01A TRIPPED	63XS-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0884	SP A5/+01 TRIPPED	82XS-7806AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0885	HVAC LV RM TRIPPED	77XS-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0886	HVAC UPS RM TRIPPED	77XS-7203AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0887	HVAC ITER TRIPPED	77XS-7204AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0888	ICCP TRIPPED	87XS-7203AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0889	SP A5/+06 TRIPPED	82XS-7906AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0890	IA 01B TRIPPED	63XS-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0891	HVAC PNL HV PROT TRIP L	77XS-7101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0892	HVAC PNL HV PROT TRIP S	77XS-7102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0893	HVAC PNL HV PROT TRIP I	77XS-7103AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0894	HVAC PNL HV PROT TRIP G	77XS-7104AN	ALARM,,NORMAL,ALARM	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0895	HVAC PNL HV TRIP DISC	77XS-7105AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0896	FC AUX LD PROT TRIP L	80XS-7101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0897	FC AUX LD PROT TRIP S	80XS-7102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0898	FC AUX LD PROT TRIP I	80XS-7103AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0899	FC AUX LD PROT TRIP G	80XS-7104AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0900	FC AUX LD TRIP DISC	80XS-7105AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0901	BESS PCS HV PROT TRIP L	85XS-7101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0902	BESS PCS HV PROT TRIP S	85XS-7102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0903	BESS PCS HV PROT TRIP I	85XS-7103AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0904	BESS PCS HV PROT TRIP G	85XS-7104AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0905	BESS PCS HV TRIP DISC	85XS-7105AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0906	A4/+05 PROT TRIP L	82XS-7601AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0907	A4/+05 PROT TRIP S	82XS-7602AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0908	A4/+05 PROT TRIP I	82XS-7603AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0909	A4/+05 PROT TRIP G	82XS-7604AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0910	A4/+05 TRIP DISC	82XS-7605AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0911	A4/+06 PROT TRIP L	82XS-7701AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0912	A4/+06 PROT TRIP S	82XS-7702AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0913	A4/+06 PROT TRIP I	82XS-7703AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0914	A4/+06 PROT TRIP G	82XS-7704AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0915	A4/+06 TRIP DISC	82XS-7705AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0916	IA 01A PROT TRIP L	63XS-7101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0917	IA 01A PROT TRIP S	63XS-7102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0918	IA 01A PROT TRIP I	63XS-7103AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0919	IA 01A PROT TRIP G	63XS-7104AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0920	IA 01A TRIP DISC	63XS-7105AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0921	A5/+01 PROT TRIP L	82XS-7801AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0922	A5/+01 PROT TRIP S	82XS-7802AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0923	A5/+01 PROT TRIP I	82XS-7803AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0924	A5/+01 PROT TRIP G	82XS-7804AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0925	A5/+01 TRIP DISC	82XS-7805AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0926	HVAC LV RM PROT TRIP L	77XS-7106AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0927	HVAC LV RM PROT TRIP S	77XS-7107AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0928	HVAC LV RM PROT TRIP I	77XS-7108AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0929	HVAC LV RM PROT TRIP G	77XS-7109AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0930	HVAC LV RM TRIP DISC	77XS-7110AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0931	HVAC UPS RM PROT TRIP L	77XS-7111AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0932	HVAC UPS RM PROT TRIP S	77XS-7112AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0933	HVAC UPS RM PROT TRIP I	77XS-7113AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0934	HVAC UPS RM PROT TRIP G	77XS-7114AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0935	HVAC UPS RM TRIP DISC	77XS-7115AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0936	HVAC ITER PROT TRIP L	77XS-7116AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0937	HVAC ITER PROT TRIP S	77XS-7117AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0938	HVAC ITER PROT TRIP I	77XS-7118AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0939	HVAC ITER PROT TRIP G	77XS-7119AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0940	HVAC ITER TRIP DISC	77XS-7120AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0941	ICCP PROT TRIP L	87XS-7111AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0942	ICCP PROT TRIP S	87XS-7112AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0943	ICCP PROT TRIP I	87XS-7113AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0944	ICCP PROT TRIP G	87XS-7114AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0945	ICCP TRIP DISC	87XS-7115AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0946	A5/+06 PROT TRIP L	82XS-7901AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0947	A5/+06 PROT TRIP S	82XS-7902AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0948	A5/+06 PROT TRIP I	82XS-7903AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0949	A5/+06 PROT TRIP G	82XS-7904AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0950	A5/+06 TRIP DISC	82XS-7905AN	ALARM,,NORMAL,ALARM	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN0951	IA 01B PROT TRIP L	63XS-7106AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0952	IA 01B PROT TRIP S	63XS-7107AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0953	IA 01B PROT TRIP I	63XS-7108AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0954	IA 01B PROT TRIP G	63XS-7109AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0955	IA 01B TRIP DISC	63XS-7110AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0956	SW PMP B ESD ACT	50XS-001BAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0957	BESS LV2 TRIPPED	85XS-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0958	BESS LV1 TRIPPED	85XS-7203AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0959	A6/+04 TRIPPED	82XS-7916AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0960	AC UPS F&G A TRIPPED	70XS-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0961	AC UPS F&G B TRIPPED	70XS-7203AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0962	WELD TOP DECK TRIPPED	83XS-7206AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0963	SW PMP A ESD ACT	50XS-001AAN	ALARM,,NORMAL,ALARM	Direct	4
%AN0964	AC UPS PAS BYP TRIPPED	85XS-7207AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0965	DC BAT FDR A TRIPPED	85XS-7204AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0966	WELD LOW DECK TRIPPED	83XS-7208AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0967	DC BAT FDR B TRIPPED	85XS-7205AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0968	NAVAID FDR A TRIPPED	72XS-7201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0969	NAVAID FDR B TRIPPED	72XS-7202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0970	BESS LV2 PROT TRIP L	85XS-7106AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0971	BESS LV2 PROT TRIP S	85XS-7107AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0972	BESS LV2 PROT TRIP I	85XS-7108AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0973	BESS LV2 PROT TRIP G	85XS-7109AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0974	BESS LV2 TRIP DISC	85XS-7110AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0975	BESS LV1 PROT TRIP L	85XS-7111AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0976	BESS LV1 PROT TRIP S	85XS-7112AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0977	BESS LV1 PROT TRIP I	85XS-7113AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0978	BESS LV1 PROT TRIP G	85XS-7114AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0979	BESS LV1 TRIP DISC	85XS-7115AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0980	A6/+04 PROT TRIP L	82XS-7911AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0981	A6/+04 PROT TRIP S	82XS-7912AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0982	A6/+04 PROT TRIP I	82XS-7913AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0983	A6/+04 PROT TRIP G	82XS-7914AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0984	A6/+04 TRIP DISC	82XS-7915AN	ALARM,,NORMAL,ALARM	Direct	4
%AN0985			ON,,OFF,ON	Direct	4
%AN0986			ON,,OFF,ON	Direct	4
%AN0987			ON,,OFF,ON	Direct	4
%AN0988			ON,,OFF,ON	Direct	4
%AN0989			ON,,OFF,ON	Direct	4
%AN0990			ON,,OFF,ON	Direct	4
%AN0991			ON,,OFF,ON	Direct	4
%AN0992			ON,,OFF,ON	Direct	4
%AN0993			ON,,OFF,ON	Direct	4
%AN0994			ON,,OFF,ON	Direct	4
%AN0995			ON,,OFF,ON	Direct	4
%AN0996			ON,,OFF,ON	Direct	4
%AN0997			ON,,OFF,ON	Direct	4
%AN0998			ON,,OFF,ON	Direct	4
%AN0999			ON,,OFF,ON	Direct	4
%AN1000			ON,,OFF,ON	Direct	4
%AN1001			ON,,OFF,ON	Direct	4
%AN1002			ON,,OFF,ON	Direct	4
%AN1003			ON,,OFF,ON	Direct	4
%AN1004			ON,,OFF,ON	Direct	4
%AN1005			ON,,OFF,ON	Direct	4
%AN1006			ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1007			ON,,OFF,ON	Direct	4
%AN1008			ON,,OFF,ON	Direct	4
%AN1009			ON,,OFF,ON	Direct	4
%AN1010			ON,,OFF,ON	Direct	4
%AN1011			ON,,OFF,ON	Direct	4
%AN1012			ON,,OFF,ON	Direct	4
%AN1013			ON,,OFF,ON	Direct	4
%AN1014			ON,,OFF,ON	Direct	4
%AN1015			ON,,OFF,ON	Direct	4
%AN1016			ON,,OFF,ON	Direct	4
%AN1017			ON,,OFF,ON	Direct	4
%AN1018			ON,,OFF,ON	Direct	4
%AN1019			ON,,OFF,ON	Direct	4
%AN1020			ON,,OFF,ON	Direct	4
%AN1021			ON,,OFF,ON	Direct	4
%AN1022			ON,,OFF,ON	Direct	4
%AN1023			ON,,OFF,ON	Direct	4
%AN1024			ON,,OFF,ON	Direct	4
%AN1025			ON,,OFF,ON	Direct	4
%AN1026			ON,,OFF,ON	Direct	4
%AN1027			ON,,OFF,ON	Direct	4
%AN1028			ON,,OFF,ON	Direct	4
%AN1029			ON,,OFF,ON	Direct	4
%AN1030			ON,,OFF,ON	Direct	4
%AN1031			ON,,OFF,ON	Direct	4
%AN1032			ON,,OFF,ON	Direct	4
%AN1033			ON,,OFF,ON	Direct	4
%AN1034			ON,,OFF,ON	Direct	4
%AN1035			ON,,OFF,ON	Direct	4
%AN1036			ON,,OFF,ON	Direct	4
%AN1037			ON,,OFF,ON	Direct	4
%AN1038			ON,,OFF,ON	Direct	4
%AN1039			ON,,OFF,ON	Direct	4
%AN1040			ON,,OFF,ON	Direct	4
%AN1041			ON,,OFF,ON	Direct	4
%AN1042			ON,,OFF,ON	Direct	4
%AN1043			ON,,OFF,ON	Direct	4
%AN1044			ON,,OFF,ON	Direct	4
%AN1045			ON,,OFF,ON	Direct	4
%AN1046			ON,,OFF,ON	Direct	4
%AN1047			ON,,OFF,ON	Direct	4
%AN1048			ON,,OFF,ON	Direct	4
%AN1049			ON,,OFF,ON	Direct	4
%AN1050			ON,,OFF,ON	Direct	4
%AN1051			ON,,OFF,ON	Direct	4
%AN1052			ON,,OFF,ON	Direct	4
%AN1053			ON,,OFF,ON	Direct	4
%AN1054			ON,,OFF,ON	Direct	4
%AN1055			ON,,OFF,ON	Direct	4
%AN1056			ON,,OFF,ON	Direct	4
%AN1057			ON,,OFF,ON	Direct	4
%AN1058			ON,,OFF,ON	Direct	4
%AN1059			ON,,OFF,ON	Direct	4
%AN1060			ON,,OFF,ON	Direct	4
%AN1061			ON,,OFF,ON	Direct	4
%AN1062			ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1063			ON,,OFF,ON	Direct	4
%AN1064			ON,,OFF,ON	Direct	4
%AN1065			ON,,OFF,ON	Direct	4
%AN1066			ON,,OFF,ON	Direct	4
%AN1067	DP-200N1 EMG CB CLS	87ZSL-7108AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1068	DP-200N1 TRC HEAT CB	87ZSL-7105AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1069	DP-200N1 TRC HEAT CB	87ZSL-7106AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1070	CB CLS	20ZSL-7201AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1071	CB OPN	20ZSH-7201AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1072	QF1 - OPEN	20ZSH-7103AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1073	QF1 - CLOSED	20ZSL-7103AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1074			CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1075			OPENED,,N_OPENED,OPENED	Direct	4
%AN1076	QF1 - TEST	20TST-7101AN	ON,,OFF,ON	Direct	4
%AN1077	DP-200N1 EMG LITE ON	87US-7107AN	ON,,OFF,ON	Direct	4
%AN1078	DP-200N1 TRC HEAT ACT	87US-7109AN	ON,,OFF,ON	Direct	4
%AN1079	QF1 - CONNECTED	20US-7101AN	ON,,OFF,ON	Direct	4
%AN1080			ON,,OFF,ON	Direct	4
%AN1081			ON,,OFF,ON	Direct	4
%AN1082			ON,,OFF,ON	Direct	4
%AN1083			ON,,OFF,ON	Direct	4
%AN1084			ON,,OFF,ON	Direct	4
%AN1085			ON,,OFF,ON	Direct	4
%AN1086			ON,,OFF,ON	Direct	4
%AN1087			ON,,OFF,ON	Direct	4
%AN1088			ON,,OFF,ON	Direct	4
%AN1089			ON,,OFF,ON	Direct	4
%AN1090			ON,,OFF,ON	Direct	4
%AN1091	LO ALM STUP CHARGING	25PI-035LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1092	LO ALM STUP CHARGING	25PI-037LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1093	LO ALM STUP CHARGING	25PI-040LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1094	LO ALM STUP CHARGING	25PI-043LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1095	LO ALM STUP CHARGING	25PI-046LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1096	LO ALM STUP CHARGING	25PI-049LOAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1097			ON,,OFF,ON	Direct	4
%AN1098			ON,,OFF,ON	Direct	4
%AN1099			ON,,OFF,ON	Direct	4
%AN1100			ON,,OFF,ON	Direct	4
%AN1101	NON CRITICAL FAULT	20UA-5351AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1102	CRITICAL FAULT	20XA-5351AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1103	USERDEF_DIGIN1ACTIVE	20US-5357AN	ON,,OFF,ON	Direct	4
%AN1104	USERDEF_DIGIN2ACTIVE	20US-5358AN	ON,,OFF,ON	Direct	4
%AN1105	USERDEF_DIGIN3ACTIVE	20US-5359AN	ON,,OFF,ON	Direct	4
%AN1106	EMERGENCYSWITCHOFF	20US-5360AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1107	DOU CAN FAULT	20XA-5352AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1108	MAINS FAULT	20XA-5353AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1109	RECTIFIER WARNING	20US-5361AN	ON,,OFF,ON	Direct	4
%AN1110	RECTIFIER FAULT	20XA-5354AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1111	BATTERY ALARM	20XA-5355AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1112	INVERTER WARNING	20US-5362AN	ON,,OFF,ON	Direct	4
%AN1113	INVERTER FAULT	20XA-5356AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1114	SBS WARNING	20US-5363AN	ON,,OFF,ON	Direct	4
%AN1115	SBS FAULT	20XA-5357AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1116	EQUALISING CHARGE	20US-5364AN	ON,,OFF,ON	Direct	4
%AN1117	CHARGE	20US-5365AN	ON,,OFF,ON	Direct	4
%AN1118	TRICKLE CHARGE	20US-5366AN	ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1119	GENSET OPERATION	20UA-5352AN	ON,,OFF,ON	Direct	4
%AN1120	BATT TEMP SENS FAULT	20XA-5358AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1121	BATTERY TEMP TOHIGH	20TA-5351AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1122	CIRCUIT BREAKER	20XS-5351AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1123	BATTERY WARNING	20US-5367AN	ON,,OFF,ON	Direct	4
%AN1124	BATTERY LOW	20US-5368AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1125	OVERLOAD	20US-5369AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1126	FAN FAULT	20XA-5359AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1127	OVERLOAD	20UA-5353AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1128	SHORT CIRCUIT	20US-5370AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1129	DC UNDER VOLTAGE	20US-5371AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1130	DC OVER VOLTAGE	20US-5372AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1131			ON,,OFF,ON	Direct	4
%AN1132	POWER STACK OVERTEMP	20XA-5360AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1133	SBS READY	20RDY5351AN	ON,,OFF,ON	Direct	4
%AN1134	SBS MAINS FAULT	20XA-5361AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1135	SBSB LOCKED	20US-5373AN	ON,,OFF,ON	Direct	4
%AN1136	RECTIFIER ON	20US-5374AN	ON,,OFF,ON	Direct	4
%AN1137	INVERTER ON	20US-5375AN	ON,,OFF,ON	Direct	4
%AN1138	SBS ON	20US-5376AN	ON,,OFF,ON	Direct	4
%AN1139	LIFE CHECK BIT	20US-5393AN	ON,,OFF,ON	Direct	4
%AN1140	BATTERTY MCCB OPEN	20UA-5354AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1141	USERDEF_AUX2 – RECT	20UA-5355AN	ON,,OFF,ON	Direct	4
%AN1142	USERDEF_AUX3 – RECT	20UA-5356AN	ON,,OFF,ON	Direct	4
%AN1143	USERDEF_AUX4 – RECT	20UA-5357AN	ON,,OFF,ON	Direct	4
%AN1144	USERDEF_AUX5 – RECT	20UA-5358AN	ON,,OFF,ON	Direct	4
%AN1145	USERDEF_AUX6 – RECT	20UA-5359AN	ON,,OFF,ON	Direct	4
%AN1146	USERDEF_AUX7– RECT	20UA-5360AN	ON,,OFF,ON	Direct	4
%AN1147	USERDEF_AUX1 – INV	20UA-5361AN	ON,,OFF,ON	Direct	4
%AN1148	USERDEF_AUX2 – INV	20UA-5362AN	ON,,OFF,ON	Direct	4
%AN1149	USERDEF_AUX3 – INV	20UA-5363AN	ON,,OFF,ON	Direct	4
%AN1150	USERDEF_AUX4 – INV	20UA-5364AN	ON,,OFF,ON	Direct	4
%AN1151	USERDEF_AUX5 – INV	20UA-5365AN	ON,,OFF,ON	Direct	4
%AN1152	USERDEF_AUX6 – INV	20UA-5366AN	ON,,OFF,ON	Direct	4
%AN1153	USERDEF_AUX7 – INV	20UA-5367AN	ON,,OFF,ON	Direct	4
%AN1154	USERDEF_AUX1 – SBS	20UA-5368AN	ON,,OFF,ON	Direct	4
%AN1155	USERDEF_AUX2 – SBS	20UA-5369AN	ON,,OFF,ON	Direct	4
%AN1156	USERDEF_AUX3 – SBS	20UA-5370AN	ON,,OFF,ON	Direct	4
%AN1157	USERDEF_AUX4 – SBS	20UA-5371AN	ON,,OFF,ON	Direct	4
%AN1158	USERDEF_AUX5 – SBS	20UA-5372AN	ON,,OFF,ON	Direct	4
%AN1159	USERDEF_AUX6 – SBS	20UA-5373AN	ON,,OFF,ON	Direct	4
%AN1160	USERDEF_AUX7 – SBS	20UA-5374AN	ON,,OFF,ON	Direct	4
%AN1161	ON	20HS-5352AN	ON,,OFF,ON	Direct	4
%AN1162			ON,,OFF,ON	Direct	4
%AN1163	OFF	20HS-5353AN	ON,,OFF,ON	Direct	4
%AN1164	ACKNOWLEDGE FAULT	20HS-5354AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1165	EQUALISING CHARGING	20HS-5355AN	ON,,OFF,ON	Direct	4
%AN1166	CHARGE	20HS-5356AN	ON,,OFF,ON	Direct	4
%AN1167	TRICKLE CHARGING	20HS-5357AN	ON,,OFF,ON	Direct	4
%AN1168	ON	20HS-5366AN	ON,,OFF,ON	Direct	4
%AN1169	OFF	20HS-5367AN	ON,,OFF,ON	Direct	4
%AN1170	ECO MODE	20HS-5368AN	ON,,OFF,ON	Direct	4
%AN1171	ACKNOWLEDGE FAULT	20HS-5369AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1172	ACKNOWLEDGE FAULT	20HS-5359AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1173	START TEST	20HS-5361AN	ON,,OFF,ON	Direct	4
%AN1174	CANCEL TEST	20HS-5362AN	ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1175	TEST NOT IMPLEMENTED	20US-5381AN	ON,,OFF,ON	Direct	4
%AN1176		20US-5382AN	ON,,OFF,ON	Direct	4
%AN1177	TEST APPROVED	20US-5383AN	ON,,OFF,ON	Direct	4
%AN1178	TEST RUNNING	20US-5384AN	ON,,OFF,ON	Direct	4
%AN1179	TEST SUCCESSFUL	20US-5385AN	ON,,OFF,ON	Direct	4
%AN1180	TEST CANCELLED	20US-5386AN	ON,,OFF,ON	Direct	4
%AN1181	TEST WARNING	20UA-5375AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1182	TEST ERROR	20XA-5365AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1183	START TEST	20HS-5364AN	ON,,OFF,ON	Direct	4
%AN1184	CANCEL TEST	20HS-5365AN	ON,,OFF,ON	Direct	4
%AN1185	TEST NOT IMPLEMENTED	20US-5387AN	ON,,OFF,ON	Direct	4
%AN1186		20US-5388AN	ON,,OFF,ON	Direct	4
%AN1187	TEST APPROVED	20US-5389AN	ON,,OFF,ON	Direct	4
%AN1188	TEST RUNNING	20US-5390AN	ON,,OFF,ON	Direct	4
%AN1189	TEST SUCCESSFUL	20US-5391AN	ON,,OFF,ON	Direct	4
%AN1190	TEST CANCELLED	20US-5392AN	ON,,OFF,ON	Direct	4
%AN1191	TEST WARNING	20UA-5376AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1192	TEST ERROR	20XA-5366AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1193			ON,,OFF,ON	Direct	4
%AN1194			ON,,OFF,ON	Direct	4
%AN1195			ON,,OFF,ON	Direct	4
%AN1196			ON,,OFF,ON	Direct	4
%AN1197			ON,,OFF,ON	Direct	4
%AN1198			ON,,OFF,ON	Direct	4
%AN1199			ON,,OFF,ON	Direct	4
%AN1200	VSL A CHRG NOT CMPLT	25CHRVSLAAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1201	VSL B CHRG NOT CMPLT	25CHRVSLBAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1202	VSL C CHRG NOT CMPLT	25CHRVSLCAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1203	VSL D CHRG NOT CMPLT	25CHRVSLDAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1204	VSL E CHRG NOT CMPLT	25CHRVSLEAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1205	VSL F CHRG NOT CMPLT	25CHRVSLFAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1206			ON,,OFF,ON	Direct	4
%AN1207	VSL A STCHRG NOT CMPLT	25STVSLAAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1208	VSL B STCHRG NOT CMPLT	25STVSLBAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1209	VSL C STCHRG NOT CMPLT	25STVSLCAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1210	VSL D STCHRG NOT CMPLT	25STVSLDAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1211	VSL E STCHRG NOT CMPLT	25STVSLEAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1212	VSL F STCHRG NOT CMPLT	25STVSLFAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1213			ON,,OFF,ON	Direct	4
%AN1214			ON,,OFF,ON	Direct	4
%AN1215			ON,,OFF,ON	Direct	4
%AN1216	-VE GRADIENTCHARGING	25PI-049GRADAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1217	-VE GRADIENTCHARGING	25PI-046GRADAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1218	-VE GRADIENTCHARGING	25PI-043GRADAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1219	-VE GRADIENTCHARGING	25PI-040GRADAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1220	-VE GRADIENTCHARGING	25PI-037GRADAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1221	-VE GRADIENTCHARGING	25PI-035GRADAN	ALARM,,NORMAL,ALARM	Direct	4
%AN1222			ON,,OFF,ON	Direct	4
%AN1223	INSUFFIENT FLOW 25FI-031	25FQI-031AN01	ON,,OFF,ON	Direct	4
%AN1224	INSUFFIENT FLOW 25FI-032	25FQI-032AN01	ON,,OFF,ON	Direct	4
%AN1225	INSUFFIENT FLOW 25FI-033	25FQI-033AN01	ON,,OFF,ON	Direct	4
%AN1226	INSUFFIENT FLOW 25FI-034	25FQI-034AN01	ON,,OFF,ON	Direct	4
%AN1227	INSUFFIENT FLOW 25FI-038	25FQI-038AN01	ON,,OFF,ON	Direct	4
%AN1228	INSUFFIENT FLOW 25FI-036	25FQI-036AN01	ON,,OFF,ON	Direct	4
%AN1229			ON,,OFF,ON	Direct	4
%AN1230			ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1231			ON,,OFF,ON	Direct	4
%AN1232			ON,,OFF,ON	Direct	4
%AN1233			ON,,OFF,ON	Direct	4
%AN1234			ON,,OFF,ON	Direct	4
%AN1235			ON,,OFF,ON	Direct	4
%AN1236			ON,,OFF,ON	Direct	4
%AN1237			ON,,OFF,ON	Direct	4
%AN1238			ON,,OFF,ON	Direct	4
%AN1239			ON,,OFF,ON	Direct	4
%AN1240			ON,,OFF,ON	Direct	4
%AN1241			ON,,OFF,ON	Direct	4
%AN1242			ON,,OFF,ON	Direct	4
%AN1243			ON,,OFF,ON	Direct	4
%AN1244			ON,,OFF,ON	Direct	4
%AN1245			ON,,OFF,ON	Direct	4
%AN1246			ON,,OFF,ON	Direct	4
%AN1247			ON,,OFF,ON	Direct	4
%AN1248			ON,,OFF,ON	Direct	4
%AN1249			ON,,OFF,ON	Direct	4
%AN1250			ON,,OFF,ON	Direct	4
%AN1251			ON,,OFF,ON	Direct	4
%AN1252			ON,,OFF,ON	Direct	4
%AN1253			ON,,OFF,ON	Direct	4
%AN1254			ON,,OFF,ON	Direct	4
%AN1255			ON,,OFF,ON	Direct	4
%AN1256			ON,,OFF,ON	Direct	4
%AN1257			ON,,OFF,ON	Direct	4
%AN1258			ON,,OFF,ON	Direct	4
%AN1259			ON,,OFF,ON	Direct	4
%AN1260			ON,,OFF,ON	Direct	4
%AN1261			ON,,OFF,ON	Direct	4
%AN1262			ON,,OFF,ON	Direct	4
%AN1263			ON,,OFF,ON	Direct	4
%AN1264			ON,,OFF,ON	Direct	4
%AN1265			ON,,OFF,ON	Direct	4
%AN1266			ON,,OFF,ON	Direct	4
%AN1267			ON,,OFF,ON	Direct	4
%AN1268			ON,,OFF,ON	Direct	4
%AN1269			ON,,OFF,ON	Direct	4
%AN1270			ON,,OFF,ON	Direct	4
%AN1271			ON,,OFF,ON	Direct	4
%AN1272			ON,,OFF,ON	Direct	4
%AN1273			ON,,OFF,ON	Direct	4
%AN1274			ON,,OFF,ON	Direct	4
%AN1275			ON,,OFF,ON	Direct	4
%AN1276			ON,,OFF,ON	Direct	4
%AN1277			ON,,OFF,ON	Direct	4
%AN1278			ON,,OFF,ON	Direct	4
%AN1279			ON,,OFF,ON	Direct	4
%AN1280			ON,,OFF,ON	Direct	4
%AN1281			ON,,OFF,ON	Direct	4
%AN1282			ON,,OFF,ON	Direct	4
%AN1283			ON,,OFF,ON	Direct	4
%AN1284			ON,,OFF,ON	Direct	4
%AN1285			ON,,OFF,ON	Direct	4
%AN1286			ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1287			ON,,OFF,ON	Direct	4
%AN1288			ON,,OFF,ON	Direct	4
%AN1289			ON,,OFF,ON	Direct	4
%AN1290			ON,,OFF,ON	Direct	4
%AN1291			ON,,OFF,ON	Direct	4
%AN1292			ON,,OFF,ON	Direct	4
%AN1293			ON,,OFF,ON	Direct	4
%AN1294			ON,,OFF,ON	Direct	4
%AN1295			ON,,OFF,ON	Direct	4
%AN1296			ON,,OFF,ON	Direct	4
%AN1297			ON,,OFF,ON	Direct	4
%AN1298			ON,,OFF,ON	Direct	4
%AN1299			ON,,OFF,ON	Direct	4
%AN1300			ON,,OFF,ON	Direct	4
%AN1301	NON CRITICAL FAULT	20UA-5451AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1302	CRITICAL FAULT	20XA-5451AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1303	USERDEF_DIGIN1ACTIVE	20US-5457AN	ON,,OFF,ON	Direct	4
%AN1304	USERDEF_DIGIN2ACTIVE	20US-5458AN	ON,,OFF,ON	Direct	4
%AN1305	USERDEF_DIGIN3ACTIVE	20US-5459AN	ON,,OFF,ON	Direct	4
%AN1306	EMERGENCYSWITCHOFF	20US-5460AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1307	DOU CAN FAULT	20XA-5452AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1308	MAINS FAULT	20XA-5453AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1309	RECTIFIER WARNING	20US-5461AN	ON,,OFF,ON	Direct	4
%AN1310	RECTIFIER FAULT	20XA-5454AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1311	BATTERY ALARM	20XA-5455AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1312	INVERTER WARNING	20US-5462AN	ON,,OFF,ON	Direct	4
%AN1313	INVERTER FAULT	20XA-5456AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1314	SBS WARNING	20US-5463AN	ON,,OFF,ON	Direct	4
%AN1315	SBS FAULT	20XA-5457AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1316	EQUALISING CHARGE	20US-5464AN	ON,,OFF,ON	Direct	4
%AN1317	CHARGE	20UA-5477AN	ON,,OFF,ON	Direct	4
%AN1318	TRICKLE CHARGE	20UA-5478AN	ON,,OFF,ON	Direct	4
%AN1319	GENSET OPERATION	20UA-5452AN	ON,,OFF,ON	Direct	4
%AN1320	BATT TEMP SENS FAULT	20XA-5458AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1321	BATTERY TEMP TOHIGH	20TA-5451AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1322	CIRCUIT BREAKER	20XS-5451AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1323	BATTERY WARNING	20US-5467AN	ON,,OFF,ON	Direct	4
%AN1324	BATTERY LOW	20US-5468AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1325	OVERLOAD	20US-5469AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1326	FAN FAULT	20XA-5459AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1327	OVERLOAD	20UA-5453AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1328	SHORT CIRCUIT	20US-5470AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1329	DC UNDER VOLTAGE	20US-5471AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1330	DC OVER VOLTAGE	20US-5472AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1331			ON,,OFF,ON	Direct	4
%AN1332	POWER STACK OVERTEMP	20XA-5460AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1333	SBS READY	20RDY5451AN	ON,,OFF,ON	Direct	4
%AN1334	SBS MAINS FAULT	20XA-5461AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1335	SBSB LOCKED	20US-5473AN	ON,,OFF,ON	Direct	4
%AN1336	RECTIFIER ON	20US-5474AN	ON,,OFF,ON	Direct	4
%AN1337	INVERTER ON	20US-5475AN	ON,,OFF,ON	Direct	4
%AN1338	SBS ON	20US-5476AN	ON,,OFF,ON	Direct	4
%AN1339	LIFE CHECK BIT	20US-5493AN	ON,,OFF,ON	Direct	4
%AN1340	USERDEF_AUX1 – RECT	20UA-5454AN	ON,,OFF,ON	Direct	4
%AN1341	USERDEF_AUX2 – RECT	20UA-5455AN	ON,,OFF,ON	Direct	4
%AN1342	USERDEF_AUX3 – RECT	20UA-5456AN	ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1343	USERDEF_AUX4 – RECT	20UA-5457AN	ON,,OFF,ON	Direct	4
%AN1344	USERDEF_AUX5 – RECT	20UA-5458AN	ON,,OFF,ON	Direct	4
%AN1345	USERDEF_AUX6 – RECT	20UA-5459AN	ON,,OFF,ON	Direct	4
%AN1346	USERDEF_AUX7– RECT	20UA-5460AN	ON,,OFF,ON	Direct	4
%AN1347	USERDEF_AUX1 – INV	20UA-5461AN	ON,,OFF,ON	Direct	4
%AN1348	USERDEF_AUX2 – INV	20UA-5462AN	ON,,OFF,ON	Direct	4
%AN1349	USERDEF_AUX3 – INV	20UA-5463AN	ON,,OFF,ON	Direct	4
%AN1350	USERDEF_AUX4 – INV	20UA-5464AN	ON,,OFF,ON	Direct	4
%AN1351	USERDEF_AUX5 – INV	20UA-5465AN	ON,,OFF,ON	Direct	4
%AN1352	USERDEF_AUX6 – INV	20UA-5466AN	ON,,OFF,ON	Direct	4
%AN1353	USERDEF_AUX7 – INV	20UA-5467AN	ON,,OFF,ON	Direct	4
%AN1354	USERDEF_AUX1 – SBS	20UA-5468AN	ON,,OFF,ON	Direct	4
%AN1355	USERDEF_AUX2 – SBS	20UA-5469AN	ON,,OFF,ON	Direct	4
%AN1356	USERDEF_AUX3 – SBS	20UA-5470AN	ON,,OFF,ON	Direct	4
%AN1357	USERDEF_AUX4 – SBS	20UA-5471AN	ON,,OFF,ON	Direct	4
%AN1358	USERDEF_AUX5 – SBS	20UA-5472AN	ON,,OFF,ON	Direct	4
%AN1359	USERDEF_AUX6 – SBS	20UA-5473AN	ON,,OFF,ON	Direct	4
%AN1360	USERDEF_AUX7 – SBS	20UA-5474AN	ON,,OFF,ON	Direct	4
%AN1361		AN	ON,,OFF,ON	Direct	4
%AN1362	ON	20HS-5452AN	ON,,OFF,ON	Direct	4
%AN1363	OFF	20HS-5453AN	ON,,OFF,ON	Direct	4
%AN1364	ACKNOWLEDGE FAULT	20HS-5454AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1365	EQUALISING CHARGING	20HS-5455AN	ON,,OFF,ON	Direct	4
%AN1366	CHARGE	20HS-5456AN	ON,,OFF,ON	Direct	4
%AN1367	TRICKLE CHARGING	20HS-5457AN	ON,,OFF,ON	Direct	4
%AN1368	ON	20HS-5466AN	ON,,OFF,ON	Direct	4
%AN1369	OFF	20HS-5467AN	ON,,OFF,ON	Direct	4
%AN1370	ECO MODE	20HS-5468AN	ON,,OFF,ON	Direct	4
%AN1371	ACKNOWLEDGE FAULT	20HS-5469AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1372	ACKNOWLEDGE FAULT	20HS-5459AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1373	START TEST	20HS-5461AN	ON,,OFF,ON	Direct	4
%AN1374	CANCEL TEST	20HS-5462AN	ON,,OFF,ON	Direct	4
%AN1375	TEST NOT IMPLEMENTED	20US-5481AN	ON,,OFF,ON	Direct	4
%AN1376		20US-5482AN	ON,,OFF,ON	Direct	4
%AN1377	TEST APPROVED	20US-5483AN	ON,,OFF,ON	Direct	4
%AN1378	TEST RUNNING	20US-5484AN	ON,,OFF,ON	Direct	4
%AN1379	TEST SUCCESSFUL	20US-5485AN	ON,,OFF,ON	Direct	4
%AN1380	TEST CANCELLED	20US-5486AN	ON,,OFF,ON	Direct	4
%AN1381	TEST WARNING	20UA-5475AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1382	TEST ERROR	20XA-5465AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1383	START TEST	20HS-5463AN	ON,,OFF,ON	Direct	4
%AN1384	CANCEL TEST	20HS-5464AN	ON,,OFF,ON	Direct	4
%AN1385	TEST NOT IMPLEMENTED	20US-5487AN	ON,,OFF,ON	Direct	4
%AN1386		20US-5488AN	ON,,OFF,ON	Direct	4
%AN1387	TEST APPROVED	20US-5489AN	ON,,OFF,ON	Direct	4
%AN1388	TEST RUNNING	20US-5490AN	ON,,OFF,ON	Direct	4
%AN1389	TEST SUCCESSFUL	20US-5491AN	ON,,OFF,ON	Direct	4
%AN1390	TEST CANCELLED	20US-5492AN	ON,,OFF,ON	Direct	4
%AN1391	TEST WARNING	20UA-5476AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1392	TEST ERROR	20XA-5466AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1393			ON,,OFF,ON	Direct	4
%AN1394			ON,,OFF,ON	Direct	4
%AN1395			ON,,OFF,ON	Direct	4
%AN1396			ON,,OFF,ON	Direct	4
%AN1397			ON,,OFF,ON	Direct	4
%AN1398			ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1399			ON,,OFF,ON	Direct	4
%AN1400			ON,,OFF,ON	Direct	4
%AN1401	HI MAINS VOLT	20XA-2001AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1402	LO MAINS VOLT	20XA-2002AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1403	CHARGER FAIL	20XA-2003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1404	HI BATTERY VOLT	20XA-2004AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1405	LO BATTERY VOLT	20XA-2005AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1406	HI DC VOLT	20XA-2006AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1407	LO DC VOLT	20XA-2007AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1408			ALARM,,NORMAL,ALARM	Direct	4
%AN1409			ALARM,,NORMAL,ALARM	Direct	4
%AN1410	Q1 OPEN	20US-2003AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1411	REMOTE OFF INHIBITION	20US-2004AN	ON,,OFF,ON	Direct	4
%AN1412	BATTERY PROTECTION	20XA-2024AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1413	GROUND FLT -	20XA-2009AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1414	GROUND FLT +	20XA-2008AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1415	DISTRIBUTION FAULT	20XA-2025AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1416	BATT SYMMETRIC FAULT	20XA-2026AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1417	VENTILATION FAULT	20XA-2027AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1418	CHARGER CURR LMT	20US-2001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1419	BATTERY CURR LMT	20US-2002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1420	HI CHARGER CURR	20XA-2010AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1421	HI BATTERY CURR	20XA-2011AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1422	HI TEMP	20XA-2012AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1423	TEMP SENSOR ERROR	20XA-2013AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1424	INTERNAL COMM ERR	20XA-2014AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1425	BATTERY TEST FAIL	20XA-2015AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1426	BATTERY TEST ABORTED	20XA-2016AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1427	HI BATTERY TEMP	20XA-2017AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1428	HI FLOAT CURR	20XA-2018AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1429	LONG CHARGE TIME	20XA-2019AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1430	NO POWER SUPPLY VOLT	20XA-2020AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1431	BATTERY IN OPERATION	20XA-2021AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1432	BATTERY SYMMETRY FLT	20XA-2022AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1433			ON,,OFF,ON	Direct	4
%AN1434			ON,,OFF,ON	Direct	4
%AN1435			ON,,OFF,ON	Direct	4
%AN1436			ON,,OFF,ON	Direct	4
%AN1437			ON,,OFF,ON	Direct	4
%AN1438			ON,,OFF,ON	Direct	4
%AN1439			ON,,OFF,ON	Direct	4
%AN1440			ON,,OFF,ON	Direct	4
%AN1441			ON,,OFF,ON	Direct	4
%AN1442			ON,,OFF,ON	Direct	4
%AN1443			ON,,OFF,ON	Direct	4
%AN1444			ON,,OFF,ON	Direct	4
%AN1445			ON,,OFF,ON	Direct	4
%AN1446			ON,,OFF,ON	Direct	4
%AN1447			ON,,OFF,ON	Direct	4
%AN1448			ON,,OFF,ON	Direct	4
%AN1449			ON,,OFF,ON	Direct	4
%AN1450			ON,,OFF,ON	Direct	4
%AN1451	HI MAINS VOLT	20XA-2031AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1452	LO MAINS VOLT	20XA-2032AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1453	CHARGER FAIL	20XA-2033AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1454	HI BATTERY VOLT	20XA-2034AN	FAULT,,NORMAL,FAULT	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1455	LO BATTERY VOLT	20XA-2035AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1456	HI DC VOLT	20XA-2036AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1457	LO DC VOLT	20XA-2037AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1458			ALARM,,NORMAL,ALARM	Direct	4
%AN1459			ALARM,,NORMAL,ALARM	Direct	4
%AN1460	Q1 OPEN	20US-2033AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1461	REMOTE OFF INHIBITION	20US-2034AN	ON,,OFF,ON	Direct	4
%AN1462	BATTERY PROTECTION	20XA-2054AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1463	GROUND FLT -	20XA-2039AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1464	GROUND FLT +	20XA-2038AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1465	DISTRIBUTION FAULT	20XA-2055AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1466	BATT SYMMETRIC FAULT	20XA-2056AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1467	VENTILATION FAULT	20XA-2057AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1468	CHARGER CURR LMT	20US-2031AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1469	BATTERY CURR LMT	20US-2032AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1470	HI CHARGER CURR	20XA-2040AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1471	HI BATTERY CURR	20XA-2041AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1472	HI TEMP	20XA-2042AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1473	TEMP SENSOR ERROR	20XA-2043AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1474	INTERNAL COMM ERR	20XA-2044AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1475	BATTERY TEST FAIL	20XA-2045AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1476	BATTERY TEST ABORTED	20XA-2046AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1477	HI BATTERY TEMP	20XA-2047AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1478	HI FLOAT CURR	20XA-2048AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1479	LONG CHARGE TIME	20XA-2049AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1480	NO POWER SUPPLY VOLT	20XA-2050AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1481	BATTERY IN OPERATION	20XA-2051AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1482	BATTERY SYMMETRY FLT	20XA-2052AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1483			ON,,OFF,ON	Direct	4
%AN1484			ON,,OFF,ON	Direct	4
%AN1485			ON,,OFF,ON	Direct	4
%AN1486			ON,,OFF,ON	Direct	4
%AN1487			ON,,OFF,ON	Direct	4
%AN1488			ON,,OFF,ON	Direct	4
%AN1489			ON,,OFF,ON	Direct	4
%AN1490			ON,,OFF,ON	Direct	4
%AN1491			ON,,OFF,ON	Direct	4
%AN1492			ON,,OFF,ON	Direct	4
%AN1493			ON,,OFF,ON	Direct	4
%AN1494			ON,,OFF,ON	Direct	4
%AN1495			ON,,OFF,ON	Direct	4
%AN1496			ON,,OFF,ON	Direct	4
%AN1497			ON,,OFF,ON	Direct	4
%AN1498			ON,,OFF,ON	Direct	4
%AN1499	FOR HVAC 52,53,54		ON,,OFF,ON	Direct	4
%AN1500	B300-HSB-001 MN BKR TRP	77B3HSBXS-001AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1501	B300-HSB-001 PL EM BTN	77B3PEB-001AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1502	B300-HSB-001 MOD LTE TRP	77HSBXS-033AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1503	B300-HSB-001 MOD SKT TRP	77HSBXS-333AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1504	HSS-77-007/8/9 HTR TRP	77HSSXS-789AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1505	B300-HSB-001 AUX SEC TRP	77B3HSBAXS-001AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1506	HSS-77-007/8/9 HTR FLT	77B3UXA-789AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1507	HHU-77005 FLTR CLOGGED	77PFFC-005AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1508	HHU-77005 MOT DMP FLT	77MDF-005AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1509	HFM-77-301 PTC PRTN	77PTCP-301AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1510	HFM-77-301 VSD FLT	77VSDF-301AN	FAULT,,NORMAL,FAULT	Direct	4

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%AN1511	HFM-77-301 PRS FN TRP	77PFTRP-301AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1512	HFM-77-302 BRK BELT ALM	77BBA-302AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1513	HFM-77-302 FN TRP	77SFTRP-302AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1514	HCO-77-301 CMP TRP	77CTRP-301AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1515	HCO-77-301 HP ALM	77HPA-301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1516	HCO-77-301 LP ALM	77LPA-301AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1517	HFM77-305/306 CND FN TRP	77CFTRP-305306AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1518	HFM77-305/306 FN VSD FLT	77VSDF-305306AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1519	HSS-77-301 THR PTR	77TSPH-301AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1520	HSS-77-301 HTR TRP	77EHTRP-301AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1521	HSS-77-301 HTR MDLTN FLT	77EHMF-301AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1522	HHU-77005 MN BKR TRP	77MBTRP-005AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1523	HHU-77005 FLTR CLOGGED	77FC-005AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1524	HHU-77006 MOT DMP FLT	77MDF-006AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1525	HFM-77-303 PTC PRTN	77PTCP-303AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1526	HFM-77-303 VSD FLT	77VSDF-303AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1527	HFM-77-303 PRS FN TRP	77PFTRP-303AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1528	HFM-77-304 BRK BELT ALM	77BBA-304AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1529	HFM-77-304 FN TRP	77SFTRP-304AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1530	HCO-77-302 CMP TRP	77CTRP-302AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1531	HCO-77-302 HP ALM	77HPA-302AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1532	HCO-77-302 LP ALM	77LPA-302AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1533	HFM77-307/308 CND FN TRP	77CFTRP-307308AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1534	HFM77-307/308 FN VSD FLT	77VSDF-307308AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1535	HHU-77006 FLTR CLOGGED	77FC-006AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1536	HSS-77-305 THR PTR	77TSPH-305AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1537	HSS-77-305 HTR TRP	77EHTRP-305AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1538	HSS77-305 HTR MODLTN FLT	77EHMF-305AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1539	HHU-77006 MN BRK TRP	77MBTRP-006AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1540	HFD-77007 NOT CLS	77HFDZSL-007AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1541	HFD-77007 NOT OPN	77HFDZSH-007AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1542	HFD-77008 NOT CLS	77HFDZSL-008AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1543	HFD-77008 NOT OPN	77HFDZSH-008AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1544	HFD-77009 NOT CLS	77HFDZSL-009AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1545	HFD-77009 NOT OPN	77HFDZSH-009AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1546	B300 - MOD SERVER ERROR	77HSBXA-333AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1547	B300-MODBUS FLT	77HSBXA-033AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1548	HHU-77006 FN FTR CLOGGED	77PFFC-006AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1549	HFD-77010 NOT CLS	77HFDZSL-010AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1550	HFD-77010 NOT OPN	77HFDZSH-010AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1551	HFD-77011 NOT CLS	77HFDZSL-011AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1552	HFD-77011 NOT OPN	77HFDZSH-011AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1553	77-TT-301 FLT	77TTXA-301AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1554	77-TT-302 FLT	77TTXA-302AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1555	77-TT-303 FLT	77TTXA-303AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1556	77-TT-304 FLT	77TTXA-304AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1557	77-PT-301 FLT	77PTXA-301AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1558	HVAC SYSTEM MAJOR FAULT	B300SMF-001AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1559	B300-SYS START FROM PCS	77B3HSBHS-001AN	START,,STOP,START	Direct	4
%AN1560	B300-SYS STOP FROM PCS	77B3HSBHSS-001AN	START,,STOP,START	Reverse	4
%AN1561	B300-SYS RSTR FROM PCS	77B3HSBHRS-001AN	RESET,,-,RESET	Direct	4
%AN1562	B300-MODBUS WATCHDOG	77B3WD-001AN	ON,,OFF,ON	Direct	4
%AN1563	B400		ON,,OFF,ON	Direct	4
%AN1564	B400-HSB-001 MN BKR TRP	77B4HSBXS-001AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1565	B400-HSB-001 PL EM BTN	77B4PEB-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1566	B400-HSB-001 MOD LTE TRP	77HSBXS-044AN	TRIP,,NORMAL,TRIP	Direct	4

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%AN1567	B400-HSB-001 MOD SKT TRP	77HSBXS-444AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1568	HSS77-0010/11/12 HTR TRP	77HSSXS-101112AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1569	B400-HSB-001 AUX SEC TRP	77B4HSBAXS-001AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1570	HSS77-0010/11/12 HTR FLT	77B3UXA-101112AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1571	HHU-77007 PR FAN LOW PR	77PFFC-007AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1572	HHU-77007 MOT DMP FLT	77MDF-007AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1573	HFM-77-401 PTC PRTN	77PTCP-401AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1574	HFM-77-401 VSD FLT	77VSDF-401AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1575	HFM-77-401 PRS FN TRP	77PFTRP-401AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1576	HFM-77-402 BRK BELT ALM	77BBA-402AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1577	HFM-77-402 FN TRP	77SFTRP-402AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1578	HCO-77-401 CMP TRP	77CTRP-401AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1579	HCO-77-401 HP ALM	77HPA-401AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1580	HCO-77-401 LP ALM	77LPA-401AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1581	HFM77-405/406 CND FN TRP	77CFTRP-405406AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1582	HFM77-405/406 FN VSD FLT	77VSDF-405406AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1583	HSS-77-401 THTR START	77TSPH-401AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1584	HSS-77-401 HTR TRP	77EHTRP-401AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1585	HSS77-401 HTR MODLTN FLT	77EHMF-401AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1586	HHU-77007 MN BKR TRP	77MBTRP-007AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1587	HHU-77007 FLTR CLOGGED	77FC-007AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1588	HHU-77008 MOT DMP FLT	77MDF-008AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1589	HFM-77-403 PTC PRTN	77PTCP-403AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1590	HFM-77-403 VSD FLT	77VSDF-403AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1591	HFM-77-403 PRS FN TRP	77PFTRP-403AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1592	HFM-77-404 BRK BELT ALM	77BBA-404AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1593	HFM-77-404 FN TRP	77SFTRP-404AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1594	HCO-77-402 CMP TRP	77CTRP-402AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1595	HCO-77-402 HP ALM	77HPA-402AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1596	HCO-77-402 LP ALM	77LPA-402AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1597	HFM77-407/408 CND FN TRP	77CFTRP-407408AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1598	HFM77-407/408 FN VSD FLT	77VSDF-407408AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1599	HHU-77008 FLTR CLOGGED	77FC-008AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1600	HSS-77-405 THTR START	77TSPH-405AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1601	HSS-77-405 HTR TRP	77EHTRP-405AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1602	HSS77-405 HTR MODLTN FLT	77EHMF-405AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1603	HHU-77008 MN BRK TRP	77MBTRP-008AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1604	HFD-77012 NOT CLS	77HFDZSL-012AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1605	HFD-77012 NOT OPN	77HFDZSH-012AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1606	HFD-77013 NOT CLS	77HFDZSL-013AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1607	HFD-77013 NOT OPN	77HFDZSH-013AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1608	HFD-77014 NOT CLS	77HFDZSL-014AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1609	HFD-77014 NOT OPN	77HFDZSH-014AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1610	B400-MOD SERVER ERROR	77HSBXA-444AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1611	B400 - MOD FLT	77HSBXA-044AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1612	HHU-77008 PR FAN LO PR	77PFFC-008AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1613	HFD-77015 NOT CLS	77HFDZSL-015AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1614	HFD-77015 NOT OPN	77HFDZSH-015AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1615	HFD-77016 NOT CLS	77HFDZSL-016AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1616	HFD-77016 NOT OPN	77HFDZSH-016AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1617	77-TT-401 FLT	77TTXA-401AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1618	77-TT-402 FLT	77TTXA-402AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1619	77-TT-403 FLT	77TTXA-403AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1620	77-TT-404 FLT	77TTXA-404AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1621	77-PT-401 FLT	77PTXA-401AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1622	HVAC SYSTEM MAJOR FLT	B400SMF-001AN	FAULT,,NORMAL,FAULT	Direct	4

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%AN1623	B400-SYS START FROM PCS	77B4HSBHS-001AN	START,,STOP,START	Direct	4
%AN1624	B400-SYS STOP FROM PCS	77B4HSBHSS-001AN	START,,STOP,START	Direct	4
%AN1625	B400-SYS RSTR FROM PCS	77B4HSBHRS-001AN	RESET,,-,RESET	Direct	4
%AN1626	B400-MODBUS WATCHDOG	77B4WD-001AN	ON,,OFF,ON	Direct	4
%AN1627	B200		ON,,OFF,ON	Direct	4
%AN1628	HFD-77004 NOT OPN	77HFDZSH-004AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1629	HFD-77004 NOT CLS	77HFDZSL-004AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1630	HFD-77005 NOT OPN	77HFDZSH-005AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1631	HFD-77005 NOT CLS	77HFDZSL-005AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1632	HFD-77006 NOT OPN	77HFDZSH-006AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1633	HFD-77006 NOT CLS	77HFDZSL-006AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1634	HDZ-77-201 NOT OPN	77HFZZSH-201AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1635	HDZ-77-201 NOT CLS	77HDZZSL-201AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1636	HDZ-77-202 NOT OPN	77HFZZSH-202AN	OPENED,,N_OPENED,OPENED	Direct	4
%AN1637	HDZ-77-202 NOT CLS	77HDZZSL-202AN	CLOSED,,N_CLOSED,CLOSED	Direct	4
%AN1638	HFM-77-201 PTC PROT	77HFMPXS-201AN	ON,,OFF,ON	Direct	4
%AN1639	TSH/HH-77-201 HTR PROT	77HFM-TSH-201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1640	HFM-77-201 TRIP	77HFMXS-201AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1641	HFM-77-201 VSD MALFCTN	77HFMXA-201AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1642	HSS-77-201 TRIP	77HSSXS-201AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1643	HSS-77-201 MODULATN FLT	77HSSXA-201AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1644	HHU-77003 AUX TRIP	77HHUAXS-003AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1645	HHU-77003 MN BRK TRIP	77HHUXS-003AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1646	HHU-77003 NO FLOW	77HHUXA-201AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1647	HFM-77-202 PTC PROT	77HFMPXS-202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1648	TSH/HH-77-202 HTR PROT	77-TSH-202AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1649	HFM-77-202 TRIP	77HFMXS-202AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1650	HFM-77-202 VSD MALFCTN	77HFMXA-202AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1651	HSS-77-202 TRIP	77HSSXS-202AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1652	HSS-77-202 MODULATN FLT	77HSSXA-202AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1653	HHU-77004 AUX TRIP	77HHUAXS-004AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1654	HHU-77004 MN BRK TRIP	77HHUXS-004AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1655	B200-HSB-001 MN BRK TRIP	77HSBXS-002AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1656	B200HSB001 MOD LITE TRIP	77HSBXS-022AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1657	B200HSB001 MOD SOKT TRIP	77HSBXS-222AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1658	B200-HSB-001 AUX TRIP	77B2HSBAXS-001AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1659	HSS77004/5/6 SPCHTR TRIP	77B2HSSXS-456AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1660	HSS-77-004/5/6 FLT	77HSSXA-456AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1661	77-TT-201 FLT	77TTXA-201AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1662	77-TT-202 FLT	77TTXA-202AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1663	77-TT-203 FLT	77TTXA-203AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1664	77-TT-204 FLT	77TTXA-204AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1665	77-PT-201 FLT	77PTXA-201AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1666	HVAC SYSTEM MAJOR FLT	77B2HSBXA-001AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1667	MODULE LOW PRESS	77HSB-LP-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1668	MODBUS FLT	77HSBXA-022AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1669	MODBUS SERVER ERROR	77HSBXA-222AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1670	MODBUS WATCHDOG	77B2WD-001AN	ON,,OFF,ON	Direct	4
%AN1671	SYSTEM START FROM PCS	77B2HSBHS-001AN	START,,STOP,START	Direct	4
%AN1672	SYSTEM STOP FROM PCS	77B2HSBHSS-001AN	START,,STOP,START	Reverse	4
%AN1673	SYSTEM RSTR FROM PCS	77B2HSBHRS-001AN	RESET,,-,RESET	Direct	4
%AN1674	77HHUUS-101112 FAULT	77HHUUS-101112AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1675	77HHUUS-007 FAULT	77HHUUS-007AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1676	77HHUUS-007 FAULT	77HHUUS-008AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1677	77HHUUS-789 FAULT	77HHUUS-789AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1678	77HHUUS-005 FAULT	77HHUUS-005AN	FAULT,,NORMAL,FAULT	Direct	4

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%AN1679	77HHUUS-006 FAULT	77HHUUS-006AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1680	77HHUXA-004 NO FLOW	77HHUXA-204AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1681	HHU-77001 FAULT	77HHUUS-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1682	HHU-77002 FAULT	77HHUUS-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1683	HHU-77123 FAULT	77HHUUS-123AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1684	HHU-77003 FAULT	77HHUUS-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1685	HHU-77004 FAULT	77HHUUS-004AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1686	HHU-77567 FAULT	77HHUUS-567AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1687			ON,,OFF,ON	Direct	4
%AN1688			ON,,OFF,ON	Direct	4
%AN1689			ON,,OFF,ON	Direct	4
%AN1690			ON,,OFF,ON	Direct	4
%AN1691	HFD-77001 NOT OPN	77HFDZSH-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1692	HFD-77001 NOT CLS	77HFDZSL-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1693	HFD-77002 NOT OPN	77HFDZSH-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1694	HFD-77002 NOT CLS	77HFDZSL-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1695	HFD-77003 NOT OPN	77HFDZSH-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1696	HFD-77003 NOT CLS	77HFDZSL-003AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1697	HDZ-77-101 NOT OPN	77HFZZSH-101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1698	HDZ-77-101 NOT CLS	77HDZZSL-101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1699	HDZ-77-102 NOT OPN	77HFZZSH-102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1700	HDZ-77-102 NOT CLS	77HDZZSL-102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1701	HFM-77-101 PTC PROT	77HDFXS-001AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1702	TSH/HH-77-101 HTR PROT	77HDFXA-001AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1703	HFM-77-101 PTC PROT	77HFMPXS-101AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1704	TSH/HH-77-101 HTR PROT	77HFMTSH-101AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1705	HFM-77-101 TRIP	77HFMXS-101AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1706	HFM-77-101 VSD MALFCTN	77HFMXA-101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1707	HSS-77-101 TRIP	77HSSXS-101AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1708	HSS-77-101 MODULATN FLT	77HSSXA-101AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1709	HHU-77001 AUX TRIP	77HHUAXS-001AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1710	HHU-77001 MN BRK TRIP	77HHUXS-001AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1711	HHU-77001 NO FLOW	77HHUXA-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1712	HFM-77-102 PTC PROT	77HFMPXS-102AN	FAULT,,NORMAL,FAULT	Direct	4
%AN1713	TSH/HH-77-102	77TSH-102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1714	HFM-77-102 TRIP	77HFMXS-102AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1715	HFM-77-102 VSD MALFCTN	77HFMXA-102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1716	HSS-77-102 TRIP	77HSSXS-102AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1717	HSS-77-102 MODULATN FLT	77HSSXA-102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1718	HHU-77002 AUX TRIP	77HHUAXS-002AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1719	HHU-77002 MN BRK TRIP	77HHUXS-002AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1720	B100-HSB-001 MN BRK TRIP	77HSBXS-001AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1721	B100HSB001 MOD LITE TRIP	77HSBXS-011AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1722	B100HSB001 MOD SOKT TRIP	77HSBXS-111AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1723	B100-HSB-001 AUX TRIP	77HSBAXS-001AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1724	HSS77001/2/3 SPCHTR TRIP	77HSSXS-123AN	TRIP,,NORMAL,TRIP	Direct	4
%AN1725	HSS-77-001/2/3 FLT	77HSSXA-123AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1726	77-TT-101 FLT	77TTXA-101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1727	77-TT-102 FLT	77TTXA-102AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1728	77-TT-103 FLT	77TTXA-103AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1729	77-TT-104 FLT	77TTXA-104AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1730	77-PT-101 FLT	77PTXA-101AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1731	MAJOR FLT	77HSBXA-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1732	MODULE LOW PRESS	77HSB-LP-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1733	MODBUS FLT	77HSBXA-011AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1734	MODBUS SERVER ERROR	77HSBXA-111AN	ALARM,,NORMAL,ALARM	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1735	WATCHDOG FAIL	77B1WD-001AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1736	HHU-77002 NO FLOW	77HHUXA-002AN	ALARM,,NORMAL,ALARM	Direct	4
%AN1737			ON,,OFF,ON	Direct	4
%AN1738			ON,,OFF,ON	Direct	4
%AN1739			ON,,OFF,ON	Direct	4
%AN1740			ON,,OFF,ON	Direct	4
%AN1741			ON,,OFF,ON	Direct	4
%AN1742			ON,,OFF,ON	Direct	4
%AN1743			ON,,OFF,ON	Direct	4
%AN1744			ON,,OFF,ON	Direct	4
%AN1745			ON,,OFF,ON	Direct	4
%AN1746			ON,,OFF,ON	Direct	4
%AN1747			ON,,OFF,ON	Direct	4
%AN1748			ON,,OFF,ON	Direct	4
%AN1749			ON,,OFF,ON	Direct	4
%AN1750			ON,,OFF,ON	Direct	4
%AN1751			ON,,OFF,ON	Direct	4
%AN1752			ON,,OFF,ON	Direct	4
%AN1753			ON,,OFF,ON	Direct	4
%AN1754			ON,,OFF,ON	Direct	4
%AN1755			ON,,OFF,ON	Direct	4
%AN1756			ON,,OFF,ON	Direct	4
%AN1757			ON,,OFF,ON	Direct	4
%AN1758			ON,,OFF,ON	Direct	4
%AN1759			ON,,OFF,ON	Direct	4
%AN1760			ON,,OFF,ON	Direct	4
%AN1761			ON,,OFF,ON	Direct	4
%AN1762			ON,,OFF,ON	Direct	4
%AN1763			ON,,OFF,ON	Direct	4
%AN1764			ON,,OFF,ON	Direct	4
%AN1765			ON,,OFF,ON	Direct	4
%AN1766			ON,,OFF,ON	Direct	4
%AN1767			ON,,OFF,ON	Direct	4
%AN1768			ON,,OFF,ON	Direct	4
%AN1769			ON,,OFF,ON	Direct	4
%AN1770			ON,,OFF,ON	Direct	4
%AN1771			ON,,OFF,ON	Direct	4
%AN1772			ON,,OFF,ON	Direct	4
%AN1773			ON,,OFF,ON	Direct	4
%AN1774			ON,,OFF,ON	Direct	4
%AN1775			ON,,OFF,ON	Direct	4
%AN1776			ON,,OFF,ON	Direct	4
%AN1777			ON,,OFF,ON	Direct	4
%AN1778			ON,,OFF,ON	Direct	4
%AN1779			ON,,OFF,ON	Direct	4
%AN1780			ON,,OFF,ON	Direct	4
%AN1781			ON,,OFF,ON	Direct	4
%AN1782			ON,,OFF,ON	Direct	4
%AN1783			ON,,OFF,ON	Direct	4
%AN1784			ON,,OFF,ON	Direct	4
%AN1785			ON,,OFF,ON	Direct	4
%AN1786			ON,,OFF,ON	Direct	4
%AN1787			ON,,OFF,ON	Direct	4
%AN1788			ON,,OFF,ON	Direct	4
%AN1789			ON,,OFF,ON	Direct	4
%AN1790			ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1791			ON,,OFF,ON	Direct	4
%AN1792			ON,,OFF,ON	Direct	4
%AN1793			ON,,OFF,ON	Direct	4
%AN1794			ON,,OFF,ON	Direct	4
%AN1795			ON,,OFF,ON	Direct	4
%AN1796			ON,,OFF,ON	Direct	4
%AN1797			ON,,OFF,ON	Direct	4
%AN1798			ON,,OFF,ON	Direct	4
%AN1799			ON,,OFF,ON	Direct	4
%AN1800			ON,,OFF,ON	Direct	4
%AN1801			ON,,OFF,ON	Direct	4
%AN1802			ON,,OFF,ON	Direct	4
%AN1803			ON,,OFF,ON	Direct	4
%AN1804			ON,,OFF,ON	Direct	4
%AN1805			ON,,OFF,ON	Direct	4
%AN1806			ON,,OFF,ON	Direct	4
%AN1807			ON,,OFF,ON	Direct	4
%AN1808			ON,,OFF,ON	Direct	4
%AN1809			ON,,OFF,ON	Direct	4
%AN1810			ON,,OFF,ON	Direct	4
%AN1811			ON,,OFF,ON	Direct	4
%AN1812			ON,,OFF,ON	Direct	4
%AN1813			ON,,OFF,ON	Direct	4
%AN1814			ON,,OFF,ON	Direct	4
%AN1815			ON,,OFF,ON	Direct	4
%AN1816			ON,,OFF,ON	Direct	4
%AN1817			ON,,OFF,ON	Direct	4
%AN1818			ON,,OFF,ON	Direct	4
%AN1819			ON,,OFF,ON	Direct	4
%AN1820			ON,,OFF,ON	Direct	4
%AN1821			ON,,OFF,ON	Direct	4
%AN1822			ON,,OFF,ON	Direct	4
%AN1823			ON,,OFF,ON	Direct	4
%AN1824			ON,,OFF,ON	Direct	4
%AN1825			ON,,OFF,ON	Direct	4
%AN1826			ON,,OFF,ON	Direct	4
%AN1827			ON,,OFF,ON	Direct	4
%AN1828			ON,,OFF,ON	Direct	4
%AN1829			ON,,OFF,ON	Direct	4
%AN1830			ON,,OFF,ON	Direct	4
%AN1831			ON,,OFF,ON	Direct	4
%AN1832			ON,,OFF,ON	Direct	4
%AN1833			ON,,OFF,ON	Direct	4
%AN1834			ON,,OFF,ON	Direct	4
%AN1835			ON,,OFF,ON	Direct	4
%AN1836			ON,,OFF,ON	Direct	4
%AN1837			ON,,OFF,ON	Direct	4
%AN1838			ON,,OFF,ON	Direct	4
%AN1839			ON,,OFF,ON	Direct	4
%AN1840			ON,,OFF,ON	Direct	4
%AN1841			ON,,OFF,ON	Direct	4
%AN1842			ON,,OFF,ON	Direct	4
%AN1843			ON,,OFF,ON	Direct	4
%AN1844			ON,,OFF,ON	Direct	4
%AN1845			ON,,OFF,ON	Direct	4
%AN1846			ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1847			ON,,OFF,ON	Direct	4
%AN1848			ON,,OFF,ON	Direct	4
%AN1849			ON,,OFF,ON	Direct	4
%AN1850			ON,,OFF,ON	Direct	4
%AN1851			ON,,OFF,ON	Direct	4
%AN1852			ON,,OFF,ON	Direct	4
%AN1853			ON,,OFF,ON	Direct	4
%AN1854			ON,,OFF,ON	Direct	4
%AN1855			ON,,OFF,ON	Direct	4
%AN1856			ON,,OFF,ON	Direct	4
%AN1857			ON,,OFF,ON	Direct	4
%AN1858			ON,,OFF,ON	Direct	4
%AN1859			ON,,OFF,ON	Direct	4
%AN1860			ON,,OFF,ON	Direct	4
%AN1861			ON,,OFF,ON	Direct	4
%AN1862			ON,,OFF,ON	Direct	4
%AN1863			ON,,OFF,ON	Direct	4
%AN1864			ON,,OFF,ON	Direct	4
%AN1865			ON,,OFF,ON	Direct	4
%AN1866			ON,,OFF,ON	Direct	4
%AN1867			ON,,OFF,ON	Direct	4
%AN1868			ON,,OFF,ON	Direct	4
%AN1869			ON,,OFF,ON	Direct	4
%AN1870			ON,,OFF,ON	Direct	4
%AN1871			ON,,OFF,ON	Direct	4
%AN1872			ON,,OFF,ON	Direct	4
%AN1873			ON,,OFF,ON	Direct	4
%AN1874			ON,,OFF,ON	Direct	4
%AN1875			ON,,OFF,ON	Direct	4
%AN1876			ON,,OFF,ON	Direct	4
%AN1877			ON,,OFF,ON	Direct	4
%AN1878			ON,,OFF,ON	Direct	4
%AN1879			ON,,OFF,ON	Direct	4
%AN1880			ON,,OFF,ON	Direct	4
%AN1881			ON,,OFF,ON	Direct	4
%AN1882			ON,,OFF,ON	Direct	4
%AN1883			ON,,OFF,ON	Direct	4
%AN1884			ON,,OFF,ON	Direct	4
%AN1885			ON,,OFF,ON	Direct	4
%AN1886			ON,,OFF,ON	Direct	4
%AN1887			ON,,OFF,ON	Direct	4
%AN1888			ON,,OFF,ON	Direct	4
%AN1889			ON,,OFF,ON	Direct	4
%AN1890			ON,,OFF,ON	Direct	4
%AN1891			ON,,OFF,ON	Direct	4
%AN1892			ON,,OFF,ON	Direct	4
%AN1893			ON,,OFF,ON	Direct	4
%AN1894			ON,,OFF,ON	Direct	4
%AN1895			ON,,OFF,ON	Direct	4
%AN1896			ON,,OFF,ON	Direct	4
%AN1897			ON,,OFF,ON	Direct	4
%AN1898			ON,,OFF,ON	Direct	4
%AN1899			ON,,OFF,ON	Direct	4
%AN1900			ON,,OFF,ON	Direct	4
%AN1901			ON,,OFF,ON	Direct	4
%AN1902			ON,,OFF,ON	Direct	4

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Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1903			ON,,OFF,ON	Direct	4
%AN1904			ON,,OFF,ON	Direct	4
%AN1905			ON,,OFF,ON	Direct	4
%AN1906			ON,,OFF,ON	Direct	4
%AN1907			ON,,OFF,ON	Direct	4
%AN1908			ON,,OFF,ON	Direct	4
%AN1909			ON,,OFF,ON	Direct	4
%AN1910			ON,,OFF,ON	Direct	4
%AN1911			ON,,OFF,ON	Direct	4
%AN1912			ON,,OFF,ON	Direct	4
%AN1913			ON,,OFF,ON	Direct	4
%AN1914			ON,,OFF,ON	Direct	4
%AN1915			ON,,OFF,ON	Direct	4
%AN1916			ON,,OFF,ON	Direct	4
%AN1917			ON,,OFF,ON	Direct	4
%AN1918			ON,,OFF,ON	Direct	4
%AN1919			ON,,OFF,ON	Direct	4
%AN1920			ON,,OFF,ON	Direct	4
%AN1921			ON,,OFF,ON	Direct	4
%AN1922			ON,,OFF,ON	Direct	4
%AN1923			ON,,OFF,ON	Direct	4
%AN1924			ON,,OFF,ON	Direct	4
%AN1925			ON,,OFF,ON	Direct	4
%AN1926			ON,,OFF,ON	Direct	4
%AN1927			ON,,OFF,ON	Direct	4
%AN1928			ON,,OFF,ON	Direct	4
%AN1929			ON,,OFF,ON	Direct	4
%AN1930			ON,,OFF,ON	Direct	4
%AN1931			ON,,OFF,ON	Direct	4
%AN1932			ON,,OFF,ON	Direct	4
%AN1933			ON,,OFF,ON	Direct	4
%AN1934			ON,,OFF,ON	Direct	4
%AN1935			ON,,OFF,ON	Direct	4
%AN1936			ON,,OFF,ON	Direct	4
%AN1937			ON,,OFF,ON	Direct	4
%AN1938			ON,,OFF,ON	Direct	4
%AN1939			ON,,OFF,ON	Direct	4
%AN1940			ON,,OFF,ON	Direct	4
%AN1941			ON,,OFF,ON	Direct	4
%AN1942			ON,,OFF,ON	Direct	4
%AN1943			ON,,OFF,ON	Direct	4
%AN1944			ON,,OFF,ON	Direct	4
%AN1945			ON,,OFF,ON	Direct	4
%AN1946			ON,,OFF,ON	Direct	4
%AN1947			ON,,OFF,ON	Direct	4
%AN1948			ON,,OFF,ON	Direct	4
%AN1949			ON,,OFF,ON	Direct	4
%AN1950			ON,,OFF,ON	Direct	4
%AN1951			ON,,OFF,ON	Direct	4
%AN1952			ON,,OFF,ON	Direct	4
%AN1953			ON,,OFF,ON	Direct	4
%AN1954			ON,,OFF,ON	Direct	4
%AN1955			ON,,OFF,ON	Direct	4
%AN1956			ON,,OFF,ON	Direct	4
%AN1957			ON,,OFF,ON	Direct	4
%AN1958			ON,,OFF,ON	Direct	4

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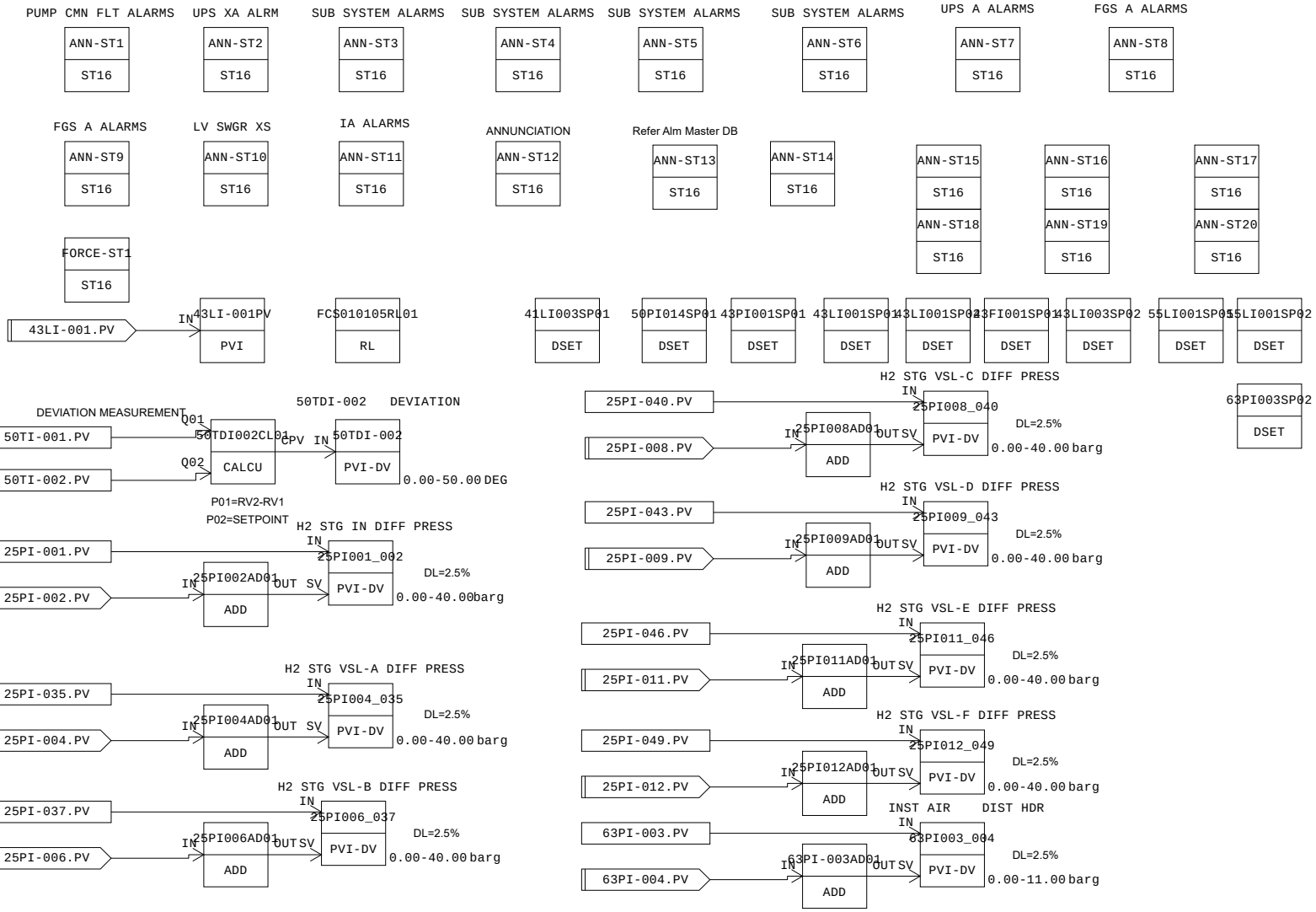
Element Number	Message	Tag Name	Switch Position Label	Label	Lvl
%AN1959			ON,,OFF,ON	Direct	4
%AN1960			ON,,OFF,ON	Direct	4
%AN1961			ON,,OFF,ON	Direct	4
%AN1962			ON,,OFF,ON	Direct	4
%AN1963			ON,,OFF,ON	Direct	4
%AN1964			ON,,OFF,ON	Direct	4
%AN1965			ON,,OFF,ON	Direct	4
%AN1966			ON,,OFF,ON	Direct	4
%AN1967			ON,,OFF,ON	Direct	4
%AN1968			ON,,OFF,ON	Direct	4
%AN1969			ON,,OFF,ON	Direct	4
%AN1970			ON,,OFF,ON	Direct	4
%AN1971			ON,,OFF,ON	Direct	4
%AN1972			ON,,OFF,ON	Direct	4
%AN1973			ON,,OFF,ON	Direct	4
%AN1974			ON,,OFF,ON	Direct	4
%AN1975			ON,,OFF,ON	Direct	4
%AN1976			ON,,OFF,ON	Direct	4
%AN1977			ON,,OFF,ON	Direct	4
%AN1978			ON,,OFF,ON	Direct	4
%AN1979			ON,,OFF,ON	Direct	4
%AN1980			ON,,OFF,ON	Direct	4
%AN1981			ON,,OFF,ON	Direct	4
%AN1982			ON,,OFF,ON	Direct	4
%AN1983			ON,,OFF,ON	Direct	4
%AN1984			ON,,OFF,ON	Direct	4
%AN1985			ON,,OFF,ON	Direct	4
%AN1986			ON,,OFF,ON	Direct	4
%AN1987			ON,,OFF,ON	Direct	4
%AN1988			ON,,OFF,ON	Direct	4
%AN1989			ON,,OFF,ON	Direct	4
%AN1990			ON,,OFF,ON	Direct	4
%AN1991			ON,,OFF,ON	Direct	4
%AN1992			ON,,OFF,ON	Direct	4
%AN1993			ON,,OFF,ON	Direct	4
%AN1994			ON,,OFF,ON	Direct	4
%AN1995			ON,,OFF,ON	Direct	4
%AN1996			ON,,OFF,ON	Direct	4
%AN1997			ON,,OFF,ON	Direct	4
%AN1998			ON,,OFF,ON	Direct	4
%AN1999			ON,,OFF,ON	Direct	4
%AN2000			ON,,OFF,ON	Direct	4

Control Drawing List

No.	Name	Sheet name	Upper Equipment Name	Control Drawing	Comment
001	DR0005			YES	ANNUNCIATION
002	DR0006			YES	INITIALIZATION TABLE
003	DR0007			YES	PULSE DO
004	DR0008			YES	Damper Alarms
005	DR0009			YES	UPS B ALARMS
006	DR0014			YES	
007	DR0021			YES	PVI INDICATOR
008	DR0022			YES	PVI INDICATOR
009	DR0024			YES	ANALOG OUTPUT
010	DR0031			YES	TYP003- ON/OFF VALVES
011	DR0032			YES	TYP003- ON/OFF VALVES
012	DR0035			YES	25PT-055A AVERAGE CALCU, DEV ALM
013	DR0036			YES	25PIC-055A/B VALVE
014	DR0037			YES	64PIC-031A/B VALVE
015	DR0038			YES	HYDROGEN VESSEL-A CONTROL
016	DR0039			YES	HYDROGEN VESSEL-B CONTROL
017	DR0040			YES	HYDROGEN VESSEL-C CONTROL
018	DR0041			YES	HYDROGEN VESSEL-D CONTROL
019	DR0042			YES	HYDROGEN VESSEL-E CONTROL
020	DR0043			YES	HYDROGEN VESSEL-F CONTROL
021	DR0044			YES	FLOW TOTALIZER
022	DR0046			YES	P-50001A DUTY/STANDBY PUMP
023	DR0080			YES	SEQUENCE LOGIC
024	DR0081			YES	SEQUENCE LOGIC
025	DR0101			YES	IA SUBSYSTEM
026	DR0102			YES	N2 SUBSYSTEM
027	DR0103			YES	200 F3 PAS UPS-A
028	DR0104			YES	200F3 PAS UPS-A
029	DR0105			YES	200F4 FGS UPA-A
030	DR0106			YES	VALVES - NITROGEN
031	DR0107			YES	EMCS SUBSYSTEM
032	DR0108			YES	EMCS MODBUS REDUNDANCY
033	DR0109			YES	IA VALVES
034	DR0110			YES	LV SUBSYTEM CB
035	DR0111			YES	LV SUBSYTEM CB
036	DR0112			YES	LOAD SHED SELECTION PB
037	DR0113			YES	HVAC B100, B200
038	DR0114			YES	HVAC-51,52,53,54
039	DR0115			YES	LV SUBSYSTEM AI
040	DR0116			YES	LV SUBSYSTEM AI
041	DR0117			YES	LV SUBSYSTEM AI
042	DR0118			YES	LV SUBSYSTEM AI
043	DR0119			YES	LV SUB SYSTEM PVI
044	DR0120			YES	LV SUBSYSTEM AI
045	DR0121			YES	LV SUBSYSTEM AI
046	DR0122			YES	LV SUBSYSTEM AI
047	DR0123			YES	LV SUBSYSTEM AI
048	DR0125			YES	WTP SUBSYSTEM
049	DR0126			YES	WTP SUBSYSTEM
050	DR0127			YES	WTP SUBSYSTEM
051	DR0128			YES	WTP SUBSYSTEM
052	DR0130			YES	LVSWGR CB
053	DR0131			YES	LV SWGR CB
054	DR0134			YES	200F4 FGS UPS-A
055	DR0135			YES	2500F3 PAS UPS-B
056	DR0136			YES	200F3/4 PAS FGS UPS B
057	DR0137			YES	200F4 FGS UPS-B
058	DR0138			YES	200F1DC UPS-A
059	DR0139			YES	200F1 DC UPS-B
060	DR0140			YES	200F4 FGS UPA-A
061	DR0143			YES	LV SUBSYSTEM AI
062	DR0145			YES	EMCS BESS MODBUS
063	DR0150			YES	LV SUBSYSTEM AI SPARE
064	DR0151			YES	LV SUBSYSTEM AI SPARE
065	DR0152			YES	LV SUBSYSTEM AI SPARE
066	DR0153			YES	LV SUBSYSTEM AI SPARE
067	DR0154			YES	LV SUBSYSTEM AI SPARE
068	DR0155			YES	LV SUBSYSTEM AI SPARE
069	DR0156			YES	LV SUBSYSTEM AI SPARE
070	DR0157			YES	LV SUBSYSTEM AI SPARE
071	DR0161			YES	LVSWGR CB SPARE
072	DR0200			YES	FCS IDLE TIME

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SECTION:	DR0005	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0005 | BLPH-CW | ANNUNCIATIONS]



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SECTION:	DR0005	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:ANNUNCIATION

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	ANN-ST1	ST16	PUMP CMN FLT ALARMS	0	0				
						4			
002	50TDI002CL01	CALCU	DIFF CALCU	0.0	100.0	%	No	No	
						4			
003	50TDI-002	PVI-DV	50TDI-002 DEVIATION	0.00	50.00	DEG	No	No	50TDI002CL01.CPV
						4			
004	41LI003SP01	DSET	ALARM SP BASED ALMBB	0.0	100.0	%			
						4			
005	50PI014SP01	DSET	ALARM SP BASED ALMBB	0.0	100.0	%			
						4			
006	43LI001SP01	DSET	ALARM SP BASED ALMBB	0.0	100.0	%			
						4			
007	43LI001SP02	DSET	ALARM SP BASED ALMBB	0.0	100.0	%			
						4			
008	43FI001SP01	DSET	ALARM SP BASED ALMBB	0.0	100.0	%			
						4			
009	43LI003SP02	DSET	ALARM SP BASED ALMBB	0.0	100.0	%			
						4			
010	55LI001SP01	DSET	ALARM SP BASED ALMBB	0.0	999.0	%			
						4			
011	55LI001SP02	DSET	ALARM SP BASED ALMBB	0.0	999.0	%			
						4			
012	63PI003SP02	DSET	ALARM SP BASED ALMBB	0.0	100.0	%			
						4			
013	43PI001SP01	DSET	ALARM SP BASED ALMBB	0.0	100.0	%			
						4			
014	ANN-ST2	ST16	UPS XA ALRM	0	0				
						4			
015	ANN-ST3	ST16	SUB SYSTEM ALARMS	0	0				
						4			
016	ANN-ST4	ST16	SUB SYSTEM ALARMS	0	0				
						4			
017	ANN-ST5	ST16	SUB SYSTEM ALARMS	0	0				
						4			
018	ANN-ST6	ST16	SUB SYSTEM ALARMS	0	0				
						4			
019	FCS010105RL01	RL	PUMP CMN FLT ALARMS	0	0				
						4			
020	43LI-001PV	PVI	KO DRUM V-43001 LVL	0.0	560.0	mmH2O	No	No	>43LI-001.PV
						4			
021	ANN-ST7	ST16	UPS A ALARMS	0	0				
						4			
022	ANN-ST8	ST16	FGS A ALARMS	0	0				
						4			
023	ANN-ST9	ST16	FGS A ALARMS	0	0				
						4			
024	ANN-ST10	ST16	LV SWGR XS	0	0				
						4			
025	ANN-ST11	ST16	IA ALARMS	0	0				
						4			
026	ANN-ST12	ST16	SUB SYSTEM ALARMS	0	0				
						4			
027	ANN-ST13	ST16	LOGGING ALARMS	0	0				
						4			

028	ANN-ST14	ST16	LOGGING ALARMS		0	0					
							4				
029	25PI002AD01	ADD	H2 STG IN DIFF PRESS		0.0	100.0	%		No		>25PI-002.PV
		25PI001_002.SV					4				
030	25PI001_002	PVI-DV	H2 STG IN DIFF PRESS		0.00	40.00	barg		No	No	25PI-001.PV
							4				
031	25PI004AD01	ADD	H2 STG VSL-A DIFF PRESS		0.0	100.0	%		No		>25PI-004.PV
		25PI004_035.SV					4				
032	25PI004_035	PVI-DV	H2 STG VSL-A DIFF PRESS		0.00	40.00	barg		No	No	25PI-035.PV
							4				
033	25PI006AD01	ADD	H2 STG VSL-B DIFF PRESS		0.0	100.0	%		No		>25PI-006.PV
		25PI006_037.SV					4				
034	25PI006_037	PVI-DV	H2 STG VSL-B DIFF PRESS		0.00	40.00	barg		No	No	25PI-037.PV
							4				
035	25PI008AD01	ADD	H2 STG VSL-C DIFF PRESS		0.0	100.0	%		No		>25PI-008.PV
		25PI008_040.SV					4				
036	25PI008_040	PVI-DV	H2 STG VSL-C DIFF PRESS		0.00	40.00	barg		No	No	25PI-040.PV
							4				
037	25PI009AD01	ADD	H2 STG VSL-D DIFF PRESS		0.0	100.0	%		No		>25PI-009.PV
		25PI009_043.SV					4				
038	25PI009_043	PVI-DV	H2 STG VSL-D DIFF PRESS		0.00	40.00	barg		No	No	25PI-043.PV
							4				
039	25PI011AD01	ADD	H2 STG VSL-E DIFF PRESS		0.0	100.0	%		No		>25PI-011.PV
		25PI011_046.SV					4				
040	25PI011_046	PVI-DV	H2 STG VSL-E DIFF PRESS		0.00	40.00	barg		No	No	25PI-046.PV
							4				
041	25PI012AD01	ADD	H2 STG VSL-F DIFF PRESS		0.0	100.0	%		No		>25PI-012.PV
		25PI012_049.SV					4				
042	25PI012_049	PVI-DV	H2 STG VSL-F DIFF PRESS		0.00	40.00	barg		No	No	25PI-049.PV
							4				
043	ANN-ST15	ST16	LV ZS		0	0					
							4				
044	ANN-ST16	ST16	LV SWGR XS		0	0					
							4				
045	ANN-ST17	ST16	LC SWGR XS		0	0					
							4				
046	ANN-ST18	ST16	LV XS_LOC		0	0					
							4				
047	63PI-003AD01	ADD	INST AIR	DIST HDR	0.0	100.0	%		No		>63PI-004.PV
		63PI003_004.SV					4				
048	63PI003_004	PVI-DV	INST AIR	DIST HDR	0.00	11.00	barg		No	No	63PI-003.PV
							4				
049	ANN-ST19	ST16	LV XS_LOC		0	0					
							4				
050	ANN-ST20	ST16	LV XS_LOC		0	0					
							4				
051	FORCE-ST1	ST16	FORCING		0	0					
							4				

Tag Detail (ANN-ST1 PUMP CMN FLT ALARMS)

Basic

Tag Name	ANN-ST1
Model Name	ST16
Tag Comment	PUMP CMN FLT ALARMS
Lvl	4

Sequence Tables (ANN-ST1 PUMP CMN FLT ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10111	12131415	16171819	20212223	24252627	28293031	32	Comment
C01	B100TDC-001.PV	OFF	B100 HV/MV PRIM DR OPN	Y									B100 HV/MV SWGR RPDO
C02	B100TDC-002.PV	OFF	B100 HV/MV RM EMERDO	.Y									B100 HV/MV SWGR REDO
C03	B100TIR-001.PV	OFF	B100 HV/MV RM DR OPN	..Y									B100 HV/MV SWGR RMD
C04	B200TDC-001.PV	OFF	B200 LV SWGRPRIM DR OPN	...Y									B200 LV SWGRREDO
C05	B200TDC-002.PV	OFF	B200 LV SWGREMER DR OPN		Y								B200 LV SWGRRMD
C06	B200TIR-001.PV	OFF	B200 HV/MV SWGR RPDO		.Y								B200 HV/MV SWGR RPDO
C07	B300TDC-001.PV	OFF	B300 UPS RM DR OPN		..Y								B300 UPS RPDO
C08	B300TDC-002.PV	OFF	B300 UPS RM DR OPN		...Y								B300 UPS REDO
C09	B300TIR-001.PV	OFF	B300 UPS RM MOTN DETECT			Y							B300 UPS RMD
C10	B400TDC-001.PV	OFF	B400 ITER DR OPN			.Y							B400 EQUIP RPDO
C11	B400TDC-002.PV	OFF	B400 ITER EMER DR OPN			..Y							B400 EQUIP REDO
C12	B400TIR-001.PV	OFF	B400 ITER MOTN DETECT			...Y							B400 EQUIP RMD
C13													
C14	87XA-051.PV	OFF	PCS PNL VENTFAN FLT				Y						PCS PWR SUP FAIL ALM
C15	87XA-052.PV	OFF	PCS PNL PSDIODE FAIL				.Y						PCS HI TEMP ALM
C16	87XA-053.PV	OFF	PCS PNL CUMLBRK FLT				..Y						PCS DIGITAL TB ALM
C17	87XA-054.PV	OFF	PCS PNL HI TEMP ALM				...Y						SIS PWR SUP FAIL ALM
C18	FCS010105RL01.X01	LT	PUMP CMN FLT ALARMS					Y					43LI-003.PV
C19	FCS010105RL01.X02	GT	PUMP CMN FLT ALARMS					.Y					50PI-014.PV
C20	FCS010105RL01.X03	GT	PUMP CMN FLT ALARMS					..Y					43PI-001.PV
C21	FCS010105RL01.X04	GT	PUMP CMN FLT ALARMS					...Y					43LI-001.PV
C22	FCS010105RL01.X05	LT	PUMP CMN FLT ALARMS						Y				43LI-001.PV
C23	FCS010105RL01.X06	GT	PUMP CMN FLT ALARMS						.Y				43FT-001.PV
C24	FCS010105RL01.X07	LT	PUMP CMN FLT ALARMS						..Y				43LI-003.PV
C25	FCS010105RL01.X08	GT	PUMP CMN FLT ALARMS						...Y				55-LIT-001
C26	FCS010105RL01.X09	LT	PUMP CMN FLT ALARMS							Y			55-LIT-001
C27	FCS010105RL01.X10	LT	PUMP CMN FLT ALARMS							.Y			63-PT-003
C28	87XA-061.PV	OFF	NET PANEL VENT FAN ALARM								Y		
C29	87XA-062.PV	OFF	NET POWER DIODE FAULT									Y	
C30	87XA-063.PV	OFF	NET CUMUL BREAKER FAULT									.Y	
C31	87XA-064.PV	OFF	NET HIGH TEMP ALARM									..Y	
C32	87XA-073.PV	OFF	SERV PANEL BREAKER FAIL									...Y	
A01	B100TDC01AN.PV	L	HV/MV SWGR RPDO ALM	Y									HV/MV SWGR RPDO ALM
A02	B100TDC02AN.PV	L	HV/MV SWGR REDO ALM	.Y									HV/MV SWGR REDO ALM
A03	B100TIR01AN.PV	L	HV/MV SWGR RMD ALM	..Y									HV/MV SWGR RMD ALM
A04	B200TDC01AN.PV	L	HV/MV SWGR RPDO ALM	...Y									HV/MV SWGR RPDO ALM
A05	B200TDC02AN.PV	L	HV/MV SWGR REDO ALM		Y								HV/MV SWGR REDO ALM
A06	B200TIR01AN.PV	L	HV/MV SWGR RMD ALM		.Y								HV/MV SWGR RMD ALM
A07	B300TDC01AN.PV	L	HV/MV SWGR RPDO ALM		..Y								HV/MV SWGR RPDO ALM
A08	B300TDC02AN.PV	L	HV/MV SWGR REDO ALM		...Y								HV/MV SWGR REDO ALM
A09	B300TIR01AN.PV	L	HV/MV SWGR RMD ALM			Y							HV/MV SWGR RMD ALM
A10	B400TDC01AN.PV	L	HV/MV SWGR RPDO ALM			.Y							HV/MV SWGR RPDO ALM
A11	B400TDC02AN.PV	L	HV/MV SWGR REDO ALM			..Y							HV/MV SWGR REDO ALM
A12	B400TIR01AN.PV	L	HV/MV SWGR RMD ALM			...Y							HV/MV SWGR RMD ALM
A13													
A14	87XA051AN.PV	L	PCS PWR SUP FAIL ALM				Y						PCS PWR SUP FAIL ALM
A15	87XA052AN.PV	L	PCS HI TEMP ALM				.Y						PCS HI TEMP ALM
A16	87XA053AN.PV	L	PCS DIGITAL TB ALM				..Y						PCS DIGITAL TB ALM
A17	87XA054AN.PV	L	SIS PWR SUP FAIL ALM				...Y						SIS PWR SUP FAIL ALM
A18	43LAL003.PV	L	H2 VENT STACK Q-43004 LO					Y					
A19	50PAH-014.PV	L	B-50014 DISC PR HI					.Y					
A20	43PAH-001.PV	L	KO DRUM V-43001 PRS HI					..Y					
A21	43LAH-001.PV	L	KO DRUM V-43001 LVL HI					...Y					
A22	43LAL-001.PV	L	KO DRUM V-43001 LVL LO						Y				
A23	43FAH-001.PV	L	KO DRUM V-43001 FLO HI						.Y				
A24	43LAL-003.PV	L	H2 VENT LVLV LO						..Y				
A25	55LAH-001.PV	L	VESSEL LEVEL T-5001 HI						...Y				
A26	55LAL-001.PV	L	VESSEL LEVEL T-5001 LO							Y			
A27	63PAL-003.PV	L	INSTR AIR TO DISTB LO							.Y			
A28	87XA061AN.PV	L	NET PANEL VENT FAN ALARM								Y		
A29	87XA062AN.PV	L	NET POWER DIODE FAULT									Y	
A30	87XA063AN.PV	L	NET CUMUL BREAKER FAULT									.Y	
A31	87XA064AN.PV	L	NET HIGH TEMP ALARM									..Y	
A32	87XA073AN.PV	L	SERV PANEL BREAKER FAIL									...Y	
	PREV		THEN										
	NEXT		ELSE										

Tag Detail (50TDI002CL01 DIFF CALCU)

Basic

Tag Name	50TDI002CL01
Model Name	CALCU
Tag Comment	DIFF CALCU
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50TDI002CL01 DIFF CALCU)

Line Number	General-Purpose Calculation Formula
001	PROGRAM
002	ALIAS TDAH 50DTAH-002.PV
003	P01=RV2-RV1
004	CPV= labs(P01)
005	*IF(P01>P02)THEN
006	*TDAH=1
007	*ELSE
008	*TDAH =0
009	*END IF
010	*END

Tag Detail (50TDI-002 50TDI-002 DEVIATION)

Basic

Tag Name	50TDI-002
Model Name	PVI-DV
Tag Comment	50TDI-002 DEVIATION
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (41LI003SP01 ALARM SP BASED ALMBB)

Basic

Tag Name	41LI003SP01
Model Name	DSET
Tag Comment	ALARM SP BASED ALMBB
Lvl	4
Scan Period	Basic Scan

Tag Detail (50PI014SP01 ALARM SP BASED ALMBB)

Basic

Tag Name	50PI014SP01
Model Name	DSET
Tag Comment	ALARM SP BASED ALMBB
Lvl	4
Scan Period	Basic Scan

Tag Detail (43LI001SP01 ALARM SP BASED ALMBB)

Basic

Tag Name	43LI001SP01
Model Name	DSET
Tag Comment	ALARM SP BASED ALMBB
Lvl	4
Scan Period	Basic Scan

Tag Detail (43LI001SP02 ALARM SP BASED ALMBB)

Basic

Tag Name	43LI001SP02
Model Name	DSET
Tag Comment	ALARM SP BASED ALMBB
Lvl	4
Scan Period	Basic Scan

Tag Detail (43FI001SP01 ALARM SP BASED ALMBB)

Basic

Tag Name	43FI001SP01
Model Name	DSET
Tag Comment	ALARM SP BASED ALMBB
Lvl	4
Scan Period	Basic Scan

Tag Detail (43LI003SP02 ALARM SP BASED ALMBB)

Basic

Tag Name	43LI003SP02
Model Name	DSET
Tag Comment	ALARM SP BASED ALMBB
Lvl	4
Scan Period	Basic Scan

Tag Detail (55LI001SP01 ALARM SP BASED ALMBB)

Basic

Tag Name	55LI001SP01
Model Name	DSET
Tag Comment	ALARM SP BASED ALMBB

Lvl	4
Scan Period	Basic Scan

Tag Detail (55LI001SP02 ALARM SP BASED ALMBB)

Basic

Tag Name	55LI001SP02
Model Name	DSET
Tag Comment	ALARM SP BASED ALMBB
Lvl	4
Scan Period	Basic Scan

Tag Detail (63PI003SP02 ALARM SP BASED ALMBB)

Basic

Tag Name	63PI003SP02
Model Name	DSET
Tag Comment	ALARM SP BASED ALMBB
Lvl	4
Scan Period	Basic Scan

Tag Detail (43PI001SP01 ALARM SP BASED ALMBB)

Basic

Tag Name	43PI001SP01
Model Name	DSET
Tag Comment	ALARM SP BASED ALMBB
Lvl	4
Scan Period	Basic Scan

Tag Detail (ANN-ST2 UPS XA ALRM)

Basic

Tag Name	ANN-ST2
Model Name	ST16
Tag Comment	UPS XA ALRM
Lvl	4

Sequence Tables (ANN-ST2 UPS XA ALRM)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20XA-5301.PV	ON	CRITICAL FAULT	Y								
C02	20XA-5302.PV	ON	DOU CAN FAULT	.Y								
C03	20XA-5303.PV	ON	MAINS FAULT	..Y								
C04	20XA-5304.PV	ON	RECTIFIER FAULT	...Y								
C05	20XA-5305.PV	ON	BATTERY ALARM		Y							
C06	20XA-5306.PV	ON	INVERTER FAULT		.Y							
C07	20XA-5307.PV	ON	SBS FAULT		..Y							
C08	20XA-5308.PV	ON	BATT TEMP SENS FAULT		...Y							
C09	20XA-5309.PV	ON	FAN FAULT			Y						
C10	20XA-5310.PV	ON	POWER STACK OVERTEMP			.Y						
C11	20XA-5311.PV	ON	SBS MAINS FAULT			..Y						
C12												
C13	20XA-5315.PV	ON	TEST ERROR				Y					
C14	20XA-5316.PV	ON	TEST ERROR				.Y					
C15	20XA-5401.PV	ON	CRITICAL FAULT				..Y					
C16	20XA-5402.PV	ON	DOUCAN FAULT				...Y					
C17	20XA-5403.PV	ON	MAINS FAULT					Y				
C18	20XA-5404.PV	ON	RECTIFIER FAULT					.Y				
C19	20XA-5405.PV	ON	BATTERY ALARM					..Y				
C20	20XA-5406.PV	ON	INVERTER FAULT					...Y				
C21	20XA-5407.PV	ON	SBS FAULT						Y			
C22	20XA-5408.PV	ON	BATTT EMP SENS FAULT						.Y			
C23	20XA-5409.PV	ON	FAN FAULT						..Y			
C24	20XA-5410.PV	ON	POWER STACK OVERTEMP						...Y			
C25	20XA-5411.PV	ON	SBSMAINS FAULT							Y		
C26												
C27	20XA-5415.PV	ON	TEST ERROR							.Y		
C28	20XA-5416.PV	ON	TEST ERROR							..Y		
C29												
C30												
C31												
C32												
A01	20XA-5301AN.PV	L	CRITICALFAULT	Y								
A02	20XA-5302AN.PV	L	DOUCANFAULT	.Y								
A03	20XA-5303AN.PV	L	MAINSFAULT	..Y								
A04	20XA-5304AN.PV	L	RECTIFIERFAULT	...Y								
A05	20XA-5305AN.PV	L	BATTERYALARM		Y							
A06	20XA-5306AN.PV	L	INVERTERFAULT		.Y							
A07	20XA-5307AN.PV	L	SBSFAULT		..Y							
A08	20XA-5308AN.PV	L	BATTTEMP.SENSFAULT		...Y							
A09	20XA-5309AN.PV	L	FANFAULT			Y						
A10	20XA-5310AN.PV	L	POWERSTACKOVERTEMP			.Y						
A11	20XA-5311AN.PV	L	SBSMAINSFAULT			..Y						
A12												
A13	20XA-5315AN.PV	L	TEST ERROR				Y					
A14	20XA-5316AN.PV	L	TEST ERROR				.Y					
A15	20XA-5401AN.PV	L	CRITICALFAULT				..Y					
A16	20XA-5402AN.PV	L	DOUCANFAULT				...Y					
A17	20XA-5403AN.PV	L	MAINSFAULT					Y				
A18	20XA-5404AN.PV	L	RECTIFIERFAULT					.Y				
A19	20XA-5405AN.PV	L	BATTERYALARM					..Y				
A20	20XA-5406AN.PV	L	INVERTERFAULT					...Y				
A21	20XA-5407AN.PV	L	SBSFAULT						Y			
A22	20XA-5408AN.PV	L	BATTTEMP.SENSFAULT						.Y			
A23	20XA-5409AN.PV	L	FANFAULT						..Y			
A24	20XA-5410AN.PV	L	POWERSTACKOVERTEMP						...Y			
A25	20XA-5411AN.PV	L	SBSMAINSFAULT							Y		
A26												
A27	20XA-5415AN.PV	L	TEST ERROR							.Y		
A28	20XA-5416AN.PV	L	TEST ERROR							..Y		
A29												
A30												
A31												
A32												
PREV			THEN									
NEXT			ELSE									

Tag Detail (ANN-ST3 SUB SYSTEM ALARMS)

Basic

Tag Name	ANN-ST3
Model Name	ST16
Tag Comment	SUB SYSTEM ALARMS
Lvl	4

Sequence Tables (ANN-ST3 SUB SYSTEM ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	87XA-7101.PV	OFF	SG200N1 SA FAULT	Y								
C02	87XA-7102.PV	OFF	SG200N1 LOSS 230VAC AUXV	.Y								
C03	87XA-7103.PV	OFF	SG200N1 MOT FEED FLT B3	..Y								
C04	87XA-7105.PV	OFF	SG200D2 MCBS HEALTY	...Y								
C05	87XA-7104.PV	OFF	DP200N1 SA FAULT		Y							
C06	87XA-7108.PV	OFF	DP200N1 N EMER LIGHT ACT		.Y							
C07	70XA-7201.PV	OFF	AC UPS F&G BYP INT.FAULT		..Y							
C08	82XA-7301.PV	OFF	A2/+05 INTERNAL FAULT		...Y							
C09	87XA-7204.PV	OFF	TEMP GEN/BAT INTER FLT			Y						
C10	87XA-7209.PV	OFF	AC UPS PAS A INT.FAULT			.Y						
C11	82XA-7401.PV	OFF	A3/+02 INTERNAL FAULT			..Y						
C12	87XA-7201.PV	OFF	DB BOP INTERNAL FAULT			...Y						
C13	87XA-7202.PV	OFF	CRANE INTERNAL FAULT				Y					
C14	82XA-7501.PV	OFF	A3/+05 INTERNAL FAULT				.Y					
C15	50XA-7201.PV	OFF	WTP INTERNAL FAULT				..Y					
C16	87XA-7205.PV	OFF	AC UPS PAS LN B CB FLT				...Y					
C17	77XA-7201.PV	OFF	HVAC PNL HV INTER FLT					Y				
C18	80XA-7201.PV	OFF	FC AUX LDINTER FLT					.Y				
C19	85XA-7201.PV	OFF	BESS PCS CAB INTER FLT					..Y				
C20	82XA-7601.PV	OFF	SP A4/+05 INTER FLT					...Y				
C21	82XA-7701.PV	OFF	SP A4/+06 INTER FLT						Y			
C22	63XA-7201.PV	OFF	IA 01A INTER FLT						.Y			
C23	82XA-7801.PV	OFF	SP A5/+01 INTER FLT						..Y			
C24	77XA-7202.PV	OFF	HVAC LV RM INTER FLT						...Y			
C25	77XA-7203.PV	OFF	HVAC UPS RM INTER FLT							Y		
C26	77XA-7204.PV	OFF	HVAC ITER INTER FLT							.Y		
C27	87XA-7203.PV	OFF	ICCP INTER FLT							..Y		
C28	82XA-7901.PV	OFF	SP A5/+06 INTER FLT							...Y		
C29	63XA-7202.PV	OFF	IA 01B INTER FLT								Y	
C30											.Y	
C31	85XA-7202.PV	OFF	BESS LV2 INTERNAL FAULT								..Y	
C32	85XA-7203.PV	OFF	BESS LV1 INTERNAL FAULT								...Y	
A01	87XA-7101AN.PV	L	SG200N1 SA FAULT	Y								
A02	87XA-7102AN.PV	L	SG200N1 LOSS 230VAC AUXV	.Y								
A03	87XA-7103AN.PV	L	SG200N1 MOT FEED FLT B3	..Y								
A04	87XA-7105AN.PV	L	SG200D2 MCBS HEALTY	...Y								
A05	87XA-7104AN.PV	L	DP200N1 SA FAULT		Y							
A06	87XA-7108AN.PV	L	DP200N1 N EMER LIGHT ACT		.Y							
A07	70XA-7201AN.PV	L	AC UPS F&G BYP INT.FAULT		..Y							
A08	82XA-7301AN.PV	L	A2/+05 INTERNAL FAULT		...Y							
A09	87XA-7204AN.PV	L	TEMP GEN/BAT INTER FLT			Y						
A10	87XA-7209AN.PV	L	AC UPS PAS A INT.FAULT			.Y						
A11	82XA-7401AN.PV	L	A3/+02 INTERNAL FAULT			..Y						
A12	87XA-7201AN.PV	L	DB BOP INTERNAL FAULT			...Y						
A13	87XA-7202AN.PV	L	CRANE INTERNAL FAULT				Y					
A14	82XA-7501AN.PV	L	A3/+05 INTERNAL FAULT				.Y					
A15	50XA-7201AN.PV	L	WTP INTERNAL FAULT				..Y					
A16	87XA-7205AN.PV	L	AC UPS PAS LN B CB FLT				...Y					
A17	77XA-7201AN.PV	L	HVAC PNL HV INTER FLT					Y				
A18	80XA-7201AN.PV	L	FC AUX LDINTER FLT					.Y				
A19	85XA-7201AN.PV	L	BESS PCS CAB INTER FLT					..Y				
A20	82XA-7601AN.PV	L	SP A4/+05 INTER FLT					...Y				
A21	82XA-7701AN.PV	L	SP A4/+06 INTER FLT						Y			
A22	63XA-7201AN.PV	L	IA 01A INTER FLT						.Y			
A23	82XA-7801AN.PV	L	SP A5/+01 INTER FLT						..Y			
A24	77XA-7202AN.PV	L	HVAC LV RM INTER FLT						...Y			
A25	77XA-7203AN.PV	L	HVAC UPS RM INTER FLT							Y		
A26	77XA-7204AN.PV	L	HVAC ITER INTER FLT							.Y		
A27	87XA-7203AN.PV	L	ICCP INTER FLT							..Y		
A28	82XA-7901AN.PV	L	SP A5/+06 INTER FLT							...Y		
A29	63XA-7202AN.PV	L	IA 01B INTER FLT								Y	
A30											.Y	
A31	85XA-7202AN.PV	L	BESS LV2 INTERNAL FAULT								..Y	
A32	85XA-7203AN.PV	L	BESS LV1 INTERNAL FAULT								...Y	
PREV			THEN									
NEXT			ELSE									

Tag Detail (ANN-ST4 SUB SYSTEM ALARMS)

Basic

Tag Name	ANN-ST4
Model Name	ST16
Tag Comment	SUB SYSTEM ALARMS
Lvl	4

Sequence Tables (ANN-ST4 SUB SYSTEM ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	82XA-7911.PV	OFF	A6/+04 INTERNAL FAULT	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C02	70XA-7202.PV	OFF	AC UPS F&G A INT.FAULT	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C03	70XA-7203.PV	OFF	AC UPS F&G B INT.FAULT	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C04	83XA-7206.PV	OFF	WELD TOP DECK INT.FAULT	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C05				. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C06	85XA-7207.PV	OFF	AC UPS PAS BYP INT.FAULT	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C07	85XA-7204.PV	OFF	DC BAT FDR A INT.FAULT	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C08	85XA-7205.PV	OFF	DC BAT FDR B INT.FAULT	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C09	83XA-7208.PV	OFF	WELD LOW DECK INT.FAULT	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C10	72XA-7201.PV	OFF	NAVAID FDR A INT.FAULT	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C11	72XA-7202.PV	OFF	NAVAID FDR B INT.FAULT	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	
C12				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C13				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C14				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C15				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C16				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C17				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C18				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C19				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C20				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C21				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C22				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C23	87XA-001.PV	ON	FAULT	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	
C24	20UA-5301.PV	ON	NON CRITICAL FAULT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	
C25	20UA-5302.PV	ON	GENSET OPERATION	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	
C26	20UA-5303.PV	ON	OVERLOAD	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	
C27	20UA-5304.PV	ON	USERDEF_AUX2 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	
C28	20UA-5305.PV	ON	USERDEF_AUX2 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	
C29	20UA-5306.PV	ON	USERDEF_AUX3 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	
C30	20UA-5307.PV	ON	USERDEF_AUX4 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	
C31	20UA-5308.PV	ON	USERDEF_AUX5 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	
C32	20UA-5309.PV	ON	USERDEF_AUX6 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	
A01	82XA-7911AN.PV	L	A6/+04 INTERNAL FAULT	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A02	70XA-7202AN.PV	L	AC UPS F&G A INT.FAULT	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A03	70XA-7203AN.PV	L	AC UPS F&G B INT.FAULT	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A04	83XA-7206AN.PV	L	WELD TOP DECK INT.FAULT	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A05				. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A06	85XA-7207AN.PV	L	AC UPS PAS BYP INT.FAULT	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A07	85XA-7204AN.PV	L	DC BAT FDR A INT.FAULT	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A08	85XA-7205AN.PV	L	DC BAT FDR B INT.FAULT	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A09	83XA-7208AN.PV	L	WELD LOW DECK INT.FAULT	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A10	72XA-7201AN.PV	L	NAVAID FDR A INT.FAULT	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A11	72XA-7202AN.PV	L	NAVAID FDR B INT.FAULT	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	
A12				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A13				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A14				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A15				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A16				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A17				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A18				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A19				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A20				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A21				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A22				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A23	87XA-001AN.PV	L	FAULT	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	
A24	20UA-5301AN.PV	L	NONCRITICALFAULT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	
A25	20UA-5302AN.PV	L	GENSETOPERATION	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	
A26	20UA-5303AN.PV	L	OVERLOAD	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	
A27	20UA-5304AN.PV	L	USERDEF_AUX2 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	
A28	20UA-5305AN.PV	L	USERDEF_AUX2 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	
A29	20UA-5306AN.PV	L	USERDEF_AUX3 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	
A30	20UA-5307AN.PV	L	USERDEF_AUX4 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	
A31	20UA-5308AN.PV	L	USERDEF_AUX5 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	
A32	20UA-5309AN.PV	L	USERDEF_AUX6 – RECT	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	
	PREV		THEN	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
	NEXT		ELSE	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	

Tag Detail (ANN-ST5 SUB SYSTEM ALARMS)

Basic

Tag Name	ANN-ST5
Model Name	ST16
Tag Comment	SUB SYSTEM ALARMS
Lvl	4

Sequence Tables (ANN-ST5 SUB SYSTEM ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20UA-5310.PV	ON	USERDEF_AUX7- RECT	Y								
C02	20UA-5311.PV	ON	BATTERTY MCCB OPEN	.Y								
C03	20UA-5312.PV	ON	USERDEF_AUX2 – INV	..Y								
C04	20UA-5313.PV	ON	USERDEF_AUX3 – INV	...Y								
C05	20UA-5314.PV	ON	USERDEF_AUX4 – INV		Y							
C06	20UA-5315.PV	ON	USERDEF_AUX5 – INV		.Y							
C07	20UA-5316.PV	ON	USERDEF_AUX6 – INV		..Y							
C08	20UA-5317.PV	ON	USERDEF_AUX7 – INV		...Y							
C09	20UA-5318.PV	ON	USERDEF_AUX1 – SBS			Y						
C10	20UA-5319.PV	ON	USERDEF_AUX2 – SBS			.Y						
C11	20UA-5320.PV	ON	USERDEF_AUX3 – SBS			..Y						
C12	20UA-5321.PV	ON	USERDEF_AUX4 – SBS			...Y						
C13	20UA-5322.PV	ON	USERDEF_AUX5 – SBS				Y					
C14	20UA-5323.PV	ON	USERDEF_AUX6 – SBS				.Y					
C15	20UA-5324.PV	ON	USERDEF_AUX7 – SBS				..Y					
C16	20UA-5325.PV	ON	TEST WARNING				...Y					
C17	20UA-5326.PV	ON	TEST WARNING					Y				
C18	20UA-5401.PV	ON	NONCRITICAL FAULT					.Y				
C19	20UA-5402.PV	ON	GEN SET OPERATION					..Y				
C20	20UA-5403.PV	ON	OVERLOAD					...Y				
C21	20UA-5404.PV	ON	BATTERTY MCCB OPEN						Y			
C22	20UA-5405.PV	ON	USERDEF_AUX2 – RECT						.Y			
C23	20UA-5406.PV	ON	USERDEF_AUX3 – RECT						..Y			
C24	20UA-5407.PV	ON	USERDEF_AUX4 – RECT						...Y			
C25	20UA-5408.PV	ON	USERDEF_AUX5 – RECT							Y		
C26	20UA-5409.PV	ON	USERDEF_AUX6 – RECT							.Y		
C27	20UA-5410.PV	ON	USERDEF_AUX7- RECT							..Y		
C28	20UA-5411.PV	ON	BATTERTY MCCB OPEN							...Y		
C29	20UA-5412.PV	ON	USERDEF_AUX2 – INV								Y	
C30	20UA-5413.PV	ON	USERDEF_AUX3 – INV								.Y	
C31	20UA-5414.PV	ON	USERDEF_AUX4 – INV								..Y	
C32	20UA-5415.PV	ON	USERDEF_AUX5 – INV								...Y	
A01	20UA-5310AN.PV	L	USERDEF_AUX7- RECT	Y								
A02	20UA-5311AN.PV	L	BATTERTY MCCB OPEN	.Y								
A03	20UA-5312AN.PV	L	USERDEF_AUX2 – INV	..Y								
A04	20UA-5313AN.PV	L	USERDEF_AUX3 – INV	...Y								
A05	20UA-5314AN.PV	L	USERDEF_AUX4 – INV		Y							
A06	20UA-5315AN.PV	L	USERDEF_AUX5 – INV		.Y							
A07	20UA-5316AN.PV	L	USERDEF_AUX6 – INV		..Y							
A08	20UA-5317AN.PV	L	USERDEF_AUX7 – INV		...Y							
A09	20UA-5318AN.PV	L	USERDEF_AUX1 – SBS			Y						
A10	20UA-5319AN.PV	L	USERDEF_AUX2 – SBS			.Y						
A11	20UA-5320AN.PV	L	USERDEF_AUX3 – SBS			..Y						
A12	20UA-5321AN.PV	L	USERDEF_AUX4 – SBS			...Y						
A13	20UA-5322AN.PV	L	USERDEF_AUX5 – SBS				Y					
A14	20UA-5323AN.PV	L	USERDEF_AUX6 – SBS				.Y					
A15	20UA-5324AN.PV	L	USERDEF_AUX7 – SBS				..Y					
A16	20UA-5325AN.PV	L	TEST WARNING				...Y					
A17	20UA-5326AN.PV	L	TEST WARNING					Y				
A18	20UA-5401AN.PV	L	NONCRITICALFAULT					.Y				
A19	20UA-5402AN.PV	L	GENSETOPERATION					..Y				
A20	20UA-5403AN.PV	L	OVERLOAD					...Y				
A21	20UA-5404AN.PV	L	USERDEF_AUX1 – RECT						Y			
A22	20UA-5405AN.PV	L	USERDEF_AUX2 – RECT						.Y			
A23	20UA-5406AN.PV	L	USERDEF_AUX3 – RECT						..Y			
A24	20UA-5407AN.PV	L	USERDEF_AUX4 – RECT						...Y			
A25	20UA-5408AN.PV	L	USERDEF_AUX5 – RECT							Y		
A26	20UA-5409AN.PV	L	USERDEF_AUX6 – RECT							.Y		
A27	20UA-5410AN.PV	L	USERDEF_AUX7- RECT							..Y		
A28	20UA-5411AN.PV	L	USERDEF_AUX1 – INV							...Y		
A29	20UA-5412AN.PV	L	USERDEF_AUX2 – INV								Y	
A30	20UA-5413AN.PV	L	USERDEF_AUX3 – INV								.Y	
A31	20UA-5414AN.PV	L	USERDEF_AUX4 – INV								..Y	
A32	20UA-5415AN.PV	L	USERDEF_AUX5 – INV								...Y	
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (ANN-ST6 SUB SYSTEM ALARMS)

Basic

Tag Name	ANN-ST6
Model Name	ST16
Tag Comment	SUB SYSTEM ALARMS
Lvl	4

Sequence Tables (ANN-ST6 SUB SYSTEM ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20UA-5416.PV	ON	USERDEF_AUX6 – INV	Y								
C02	20UA-5417.PV	ON	USERDEF_AUX7 – INV	.Y								
C03	20UA-5418.PV	ON	USERDEF_AUX1 – SBS	..Y								
C04	20UA-5419.PV	ON	USERDEF_AUX2 – SBS	...Y								
C05	20UA-5420.PV	ON	USERDEF_AUX3 – SBS		Y							
C06	20UA-5421.PV	ON	USERDEF_AUX4 – SBS		.Y							
C07	20UA-5422.PV	ON	USERDEF_AUX5 – SBS		..Y							
C08	20UA-5423.PV	ON	USERDEF_AUX6 – SBS		...Y	N						
C09	20UA-5424.PV	ON	USERDEF_AUX7 – SBS			Y						
C10	20UA-5425.PV	ON	TEST WARNING			.Y						
C11	20UA-5426.PV	ON	TEST WARNING			..Y						
C12												
C13												
C14												
C15												
C16												
C17												
C18												
C19												
C20												
C21												
C22												
C23												
C24												
C25												
C26												
C27												
C28												
C29												
C30												
C31												
C32												
A01	20UA-5416AN.PV	L	USERDEF_AUX6 – INV	Y								
A02	20UA-5417AN.PV	L	USERDEF_AUX7 – INV	.Y								
A03	20UA-5418AN.PV	L	USERDEF_AUX1 – SBS	..Y								
A04	20UA-5419AN.PV	L	USERDEF_AUX2 – SBS	...Y								
A05	20UA-5420AN.PV	L	USERDEF_AUX3 – SBS		Y							
A06	20UA-5421AN.PV	L	USERDEF_AUX4 – SBS		.Y							
A07	20UA-5422AN.PV	L	USERDEF_AUX5 – SBS		..Y							
A08	20UA-5423AN.PV	L	USERDEF_AUX6 – SBS		...Y							
A09	20UA-5424AN.PV	L	USERDEF_AUX7 – SBS			Y						
A10	20UA-54025AN.PV	L	TEST WARNING			.Y						
A11	20UA-54026AN.PV	L	TEST WARNING			..Y						
A12												
A13												
A14												
A15												
A16												
A17												
A18												
A19												
A20												
A21												
A22												
A23												
A24												
A25												
A26												
A27												
A28												
A29												
A30												
A31												
A32												
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (FCS010105RL01 PUMP CMN FLT ALARMS)

Basic

Tag Name	FCS010105RL01
Model Name	RL
Tag Comment	PUMP CMN FLT ALARMS
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001	43LI-003.PV	Relational Operation	41LI003SP01.SV	
002	50PI-014.PV	Relational Operation	50PI014SP01.SV	
003	43PI-001.PV	Relational Operation	43PI001SP01.SV	
004	43LI-001PV.PV	Relational Operation	43LI001SP01.SV	
005	43LI-001PV.PV	Relational Operation	43LI001SP02.SV	
006	43FI-001.PV	Relational Operation	43FI001SP01.SV	
007	43LI-003.PV	Relational Operation	43LI003SP02.SV	
008	55LI-001.PV	Relational Operation	55LI001SP01.SV	
009	55LI-001.PV	Relational Operation	55LI001SP02.SV	
010	63PI-003.PV	Relational Operation	63PI003SP02.SV	
011	25PI-035.PV	Relational Operation	30	
012	25PI-037.PV	Relational Operation	30	
013	25PI-040.PV	Relational Operation	30	
014	25PI-043.PV	Relational Operation	30	
015	25PI-046.PV	Relational Operation	30	
016	25PI-049.PV	Relational Operation	30	

Tag Detail (43LI-001PV KO DRUM V-43001 LVL)

Basic

Tag Name	43LI-001PV
Model Name	PVI
Tag Comment	KO DRUM V-43001 LVL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (ANN-ST7 UPS A ALARMS)

Basic

Tag Name	ANN-ST7
Model Name	ST16
Tag Comment	UPS A ALARMS
Lvl	4

Sequence Tables (ANN-ST7 UPS A ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20US-5310.PV	ON	EMERGENCYSWITCHOFF	Y								
C02	20US-5311.PV	ON	RECTIFIER WARNING	.Y								
C03	20US-5312.PV	ON	INVERTER WARNING	..Y								
C04	20US-5313.PV	ON	SBS WARNING	...Y								
C05	20US-5314.PV	ON	EQUALISING CHARGE		Y							
C06	20UA-5327.PV	ON	CHARGE		.Y							
C07	20UA-5328.PV	ON	TRICKLE CHARGE		..Y							
C08	20TA-5301.PV	ON	BATTERY TEMP TOHIGH		...Y							
C09	20XS-5301.PV	ON	CIRCUIT BREAKER			Y						
C10	20US-5317.PV	ON	BATTERY WARNING			.Y						
C11	20US-5318.PV	ON	BATTERY LOW			..Y						
C12	20US-5319.PV	ON	OVERLOAD			...Y						
C13	20US-5320.PV	ON	SHORT CIRCUIT				Y					
C14	20US-5321.PV	ON	DC UNDER VOLTAGE				.Y					
C15	20US-5322.PV	ON	DC OVER VOLTAGE				..Y					
C16	20RDY-5301.PV	ON	SBS READY				...Y					
C17	20US-5323.PV	ON	SBSB LOCKED					Y				
C18	20US-5324.PV	ON	RECTIFIER ON					.Y				
C19	20US-5325.PV	ON	INVERTER ON					..Y				
C20	20US-5326.PV	ON	SBS ON					...Y				
C21												
C22												
C23												
C24												
C25												
C26												
C27												
C28												
C29	20US-5331.PV	ON	TEST NOT IMPLEMENTED								Y	
C30	20US-5332.PV	ON	TEST IMPL WAITNG APPROVA								.Y	
C31	20US-5333.PV	ON	TEST APPROVED								..Y	
C32	20US-5334.PV	ON	TEST RUNNING								...Y	
A01	20US-5310AN.PV	L	EMERGENCY SWITCH OFF	Y								
A02	20US-5311AN.PV	L	RECTIFIER WARNING	.Y								
A03	20US-5312AN.PV	L	INVERTER WARNING	..Y								
A04	20US-5313AN.PV	L	SBSWARNING	...Y								
A05	20US-5314AN.PV	L	EQUALISINGCHARGE		Y							
A06	20UA-5327AN.PV	L	CHARGE		.Y							
A07	20UA-5328AN.PV	L	TRICKLE CHARGE		..Y							
A08	20TA-5301AN.PV	L	BATTERYTEMP TOHIGH		...Y							
A09	20XS-5301AN.PV	L	CIRCUITBREAKER			Y						
A10	20US-5317AN.PV	L	BATTERYWARNING			.Y						
A11	20US-5318AN.PV	L	BATTERYLOW			..Y						
A12	20US-5319AN.PV	L	OVERLOAD			...Y						
A13	20US-5320AN.PV	L	SHORTCIRCUIT				Y					
A14	20US-5321AN.PV	L	DCUNDERVOLTAGE				.Y					
A15	20US-5322AN.PV	L	DCOVERVOLTAGE				..Y					
A16	20RDY-5301AN.PV	L	SBSREADY				...Y					
A17	20US-5323AN.PV	L	SBSBLOCKED					Y				
A18	20US-5324AN.PV	L	RECTIFIERON					.Y				
A19	20US-5325AN.PV	L	INVERTERON					..Y				
A20	20US-5326AN.PV	L	SBSON					...Y				
A21												
A22												
A23												
A24												
A25												
A26												
A27												
A28												
A29	20US-5331AN.PV	L	TEST NOT IMPLEMENTED								Y	
A30	20US-5332AN.PV	L	TEST IMPL WAITNG APPROVA								.Y	
A31	20US-5333AN.PV	L	TEST APPROVED								..Y	
A32	20US-5334AN.PV	L	TEST RUNNING								...Y	
PREV			THEN									
NEXT			ELSE									

Tag Detail (ANN-ST8 FGS A ALARMS)

Basic

Tag Name	ANN-ST8
Model Name	ST16
Tag Comment	FGS A ALARMS
Lvl	4

Sequence Tables (ANN-ST8 FGS A ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20US-5335.PV	ON	TEST SUCCESSFUL	Y								
C02	20US-5336.PV	ON	TEST CANCELLED	.Y								
C03												
C04												
C05	20US-5337.PV	ON	TEST NOT IMPLEMENTED		Y							
C06	20US-5338.PV	ON	TEST IMPL WAITNG APPROVA		.Y							
C07	20US-5339.PV	ON	TEST APPROVED		..Y							
C08	20US-5340.PV	ON	TEST RUNNING		...Y							
C09	20US-5341.PV	ON	TEST SUCCESSFUL			Y						
C10	20US-5342.PV	ON	TEST CANCELLED			.Y						
C11	20US-5410.PV	ON	EMERGENCYSWITCHOFF			..Y						
C12	20US-5411.PV	ON	RECTIFIER WARNING			...Y						
C13	20US-5412.PV	ON	INVERTER WARNING				Y					
C14	20US-5413.PV	ON	SBS WARNING				.Y					
C15	20US-5414.PV	ON	EQUALISING CHARGE				..Y					
C16	20UA-5427.PV	ON	CHARGE				...Y					
C17	20UA-5428.PV	ON	TRICKLE CHARGE					Y				
C18	20TA-5401.PV	ON	BATTERY TEMP TO HIGH					.Y				
C19	20XS-5401.PV	ON	CIRCUIT BREAKER					..Y				
C20	20US-5417.PV	ON	BATTERY WARNING					...Y				
C21	20US-5418.PV	ON	BATTERY LOW						Y			
C22	20US-5419.PV	ON	OVERLOAD						.Y			
C23	20US-5420.PV	ON	SHORT CIRCUIT						..Y			
C24	20US-5421.PV	ON	DC UNDER VOLTAGE						...Y			
C25	20US-5422.PV	ON	DC OVER VOLTAGE							Y		
C26	20RDY-5401.PV	ON	SBSREADY							.Y		
C27	20US-5423.PV	ON	SBSBLOCKED							..Y		
C28	20US-5424.PV	ON	RECTIFIERON							...Y		
C29	20US-5425.PV	ON	INVERTERON								Y	
C30	20US-5426.PV	ON	SBS ON								.Y	
C31											..Y	
C32												
A01	20US-5335AN.PV	L	TEST SUCCESSFUL	Y								
A02	20US-5336AN.PV	L	TEST CANCELLED	.Y								
A03												
A04												
A05	20US-5337AN.PV	L	TEST NOT IMPLEMENTED		Y							
A06	20US-5338AN.PV	L	TEST IMPL WAITNG APPROVA		.Y							
A07	20US-5339AN.PV	L	TEST APPROVED		..Y							
A08	20US-5340AN.PV	L	TEST RUNNING		...Y							
A09	20US-5341AN.PV	L	TEST SUCCESSFUL			Y						
A10	20US-5342AN.PV	L	TEST CANCELLED			.Y						
A11	20US-5410AN.PV	L	EMERGENCYSWITCHOFF			..Y						
A12	20US-5411AN.PV	L	RECTIFIERWARNING			...Y						
A13	20US-5412AN.PV	L	INVERTERWARNING				Y					
A14	20US-5413AN.PV	L	SBSWARNING				.Y					
A15	20US-5414AN.PV	L	EQUALISINGCHARGE				..Y					
A16	20UA-5427AN.PV	L	CHARGE				...Y					
A17	20UA-5428AN.PV	L	TRICKLE CHARGE					Y				
A18	20TA-5401AN.PV	L	BATTERYTEMP TOHIGH					.Y				
A19	20XS-5401AN.PV	L	CIRCUITBREAKER					..Y				
A20	20US-5417AN.PV	L	BATTERYWARNING					...Y				
A21	20US-5418AN.PV	L	BATTERYLOW						Y			
A22	20US-5419AN.PV	L	OVERLOAD						.Y			
A23	20US-5420AN.PV	L	SHORTCIRCUIT						..Y			
A24	20US-5421AN.PV	L	DCUNDERVOLTAGE						...Y			
A25	20US-5422AN.PV	L	DCOVERVOLTAGE							Y		
A26	20RDY-5401AN.PV	L	SBSREADY							.Y		
A27	20US-5423AN.PV	L	SBSBLOCKED							..Y		
A28	20US-5424AN.PV	L	RECTIFIERON							...Y		
A29	20US-5425AN.PV	L	INVERTERON								Y	
A30	20US-5426AN.PV	L	SBSON								.Y	
A31											..Y	
A32												
PREV			THEN									
NEXT			ELSE									

Tag Detail (ANN-ST9 FGS A ALARMS)

Basic

Tag Name	ANN-ST9
Model Name	ST16
Tag Comment	FGS A ALARMS
Lvl	4

Sequence Tables (ANN-ST9 FGS A ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	Comment
C01					
C02					
C03					
C04					
C05					
C06					
C07					
C08	20US-5431.PV	ON	TEST NOT IMPLEMENTED	Y	
C09	20US-5432.PV	ON	TEST IMPL WAITNG APPROVA	Y	
C10	20US-5433.PV	ON	TEST APPROVED	Y	
C11	20US-5434.PV	ON	TEST RUNNING	Y	
C12	20US-5435.PV	ON	TEST SUCCESSFUL	Y	
C13	20US-5436.PV	ON	TEST CANCELLED	Y	
C14					
C15					
C16	20US-5437.PV	ON	TEST NOT IMPLEMENTED	Y	
C17	20US-5438.PV	ON	TEST IMPL WAITING FOR AP	Y	
C18	20US-5439.PV	ON	TEST APPROVED	Y	
C19	20US-5440.PV	ON	TEST RUNNING	Y	
C20	20US-5441.PV	ON	TEST SUCCESSFUL	Y	
C21	20US-5442.PV	ON	TEST CANCELLED	Y	
C22				Y	
C23				Y	
C24				Y	
C25				Y	
C26				Y	
C27				Y	
C28				Y	
C29				Y	
C30				Y	
C31				Y	
C32				Y	
A01					
A02					
A03					
A04					
A05					
A06					
A07					
A08	20US-5431AN.PV	L	TEST NOT IMPLEMENTED	Y	
A09	20US-5432AN.PV	L	TEST IMPL WAITNG APPROVA	Y	
A10	20US-5433AN.PV	L	TEST APPROVED	Y	
A11	20US-5434AN.PV	L	TEST RUNNING	Y	
A12	20US-5435AN.PV	L	TEST SUCCESSFUL	Y	
A13	20US-5436AN.PV	L	TEST CANCELLED	Y	
A14					
A15					
A16	20US-5437AN.PV	L	TEST NOT IMPLEMENTED	Y	
A17	20US-5438AN.PV	L	TEST IMPL WAITING FOR AP	Y	
A18	20US-5439AN.PV	L	TEST APPROVED	Y	
A19	20US-5440AN.PV	L	TEST RUNNING	Y	
A20	20US-5441AN.PV	L	TEST SUCCESSFUL	Y	
A21	20US-5442AN.PV	L	TEST CANCELLED	Y	
A22				Y	
A23				Y	
A24				Y	
A25				Y	
A26				Y	
A27				Y	
A28				Y	
A29				Y	
A30				Y	
A31				Y	
A32				Y	
PREV			THEN		
NEXT			ELSE		

Tag Detail (ANN-ST10 LV SWGR XS)

Basic

Tag Name	ANN-ST10
Model Name	ST16
Tag Comment	LV SWGR XS
Lvl	4

Sequence Tables (ANN-ST10 LV SWGR XS)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	87XS-7116.PV	0	SG200N1 FP1 WD PROT	Y								
C02	20XS-7202.PV	1	QF1 TRIP	.Y								
C03	70XS-7201.PV	1	AC UPS F&G BYP TRIPPED	..Y								
C04	82XS-7306.PV	1	A2/+05 TRIPPED	...Y								
C05	87XS-7204.PV	1	TEMP GEN/BAT CB TRIPPED		Y							
C06	87XS-7209.PV	1	AC UPS PAS A CB TRIPPED		.Y							
C07	82XS-7406.PV	1	A3/+02 TRIPPED		..Y							
C08	87XS-7201.PV	1	DB BOP TRIPPED		...Y							
C09	87XS-7202.PV	1	CRANE TRIPPED			Y						
C10	82XS-7506.PV	1	A3/+05 TRIPPED			.Y						
C11	50XS-7201.PV	1	WTP TRIPPED			..Y						
C12	20XS-7117.PV	1	QF1 PROT TRIP L			...Y						
C13	20XS-7118.PV	1	QF1 PROT TRIP S				Y					
C14	20XS-7119.PV	1	QF1 PROT TRIP I				.Y					
C15	20XS-7120.PV	1	QF1 PROT TRIP G				..Y					
C16	20XS-7121.PV	1	QF1 - TRIP UNIT DISCON				...Y					
C17	82XS-7301.PV	1	A2/+05 TRIP L					Y				
C18	82XS-7302.PV	1	A2/+05 TRIP S					.Y				
C19	82XS-7303.PV	1	A2/+05 TRIP I					..Y				
C20	82XS-7304.PV	1	A2/+05 TRIP G					...Y				
C21	82XS-7305.PV	1	A2/+05 DISCON						Y			
C22	82XS-7401.PV	1	A3/+02 TRIP L						.Y			
C23	82XS-7402.PV	1	A3/+02 TRIP S						..Y			
C24	82XS-7403.PV	1	A3/+02 TRIP I						...Y			
C25	82XS-7404.PV	1	A3/+02 TRIP G							Y		
C26	82XS-7405.PV	1	A3/+02 DISCON							.Y		
C27	87XS-7101.PV	1	DB BOP TRIP L							..Y		
C28	87XS-7102.PV	1	DB BOP TRIP S							...Y		
C29	87XS-7103.PV	1	DB BOP TRIP I								Y	
C30	87XS-7104.PV	1	DB BOP TRIP G								.Y	
C31	87XS-7105.PV	1	DB BOP TRIP DISCON								..Y	
C32	87XS-7106.PV	1	CRANE TRIP L								...Y	
A01	87XS-7116AN.PV	L	SG200N1 FP1 WD PROT	Y								
A02	20XS-7202AN.PV	L	QF1 TRIP	.Y								
A03	70XS-7201AN.PV	L	AC UPS F&G BYP TRIPPED	..Y								
A04	82XS-7306AN.PV	L	A2/+05 TRIPPED	...Y								
A05	87XS-7204AN.PV	L	TEMP GEN/BAT CB TRIPPED		Y							
A06	87XS-7209AN.PV	L	AC UPS PAS A CB TRIPPED		.Y							
A07	82XS-7406AN.PV	L	A3/+02 TRIPPED		..Y							
A08	87XS-7201AN.PV	L	DB BOP TRIPPED		...Y							
A09	87XS-7202AN.PV	L	CRANE TRIPPED			Y						
A10	82XS-7506AN.PV	L	A3/+05 TRIPPED			.Y						
A11	50XS-7201AN.PV	L	WTP TRIPPED			..Y						
A12	20XS-7117AN.PV	L	QF1 PROT TRIP L			...Y						
A13	20XS-7118AN.PV	L	QF1 PROT TRIP S				Y					
A14	20XS-7119AN.PV	L	QF1 PROT TRIP I				.Y					
A15	20XS-7120AN.PV	L	QF1 PROT TRIP G				..Y					
A16	20XS-7121AN.PV	L	QF1 - TRIP UNIT DISCON				...Y					
A17	82XS-7301AN.PV	L	A2/+05 TRIP L					Y				
A18	82XS-7302AN.PV	L	A2/+05 TRIP S					.Y				
A19	82XS-7303AN.PV	L	A2/+05 TRIP I					..Y				
A20	82XS-7304AN.PV	L	A2/+05 TRIP G					...Y				
A21	82XS-7305AN.PV	L	A2/+05 DISCON						Y			
A22	82XS-7401AN.PV	L	A3/+02 TRIP L						.Y			
A23	82XS-7402AN.PV	L	A3/+02 TRIP S						..Y			
A24	82XS-7403AN.PV	L	A3/+02 TRIP I						...Y			
A25	82XS-7404AN.PV	L	A3/+02 TRIP G							Y		
A26	82XS-7405AN.PV	L	A3/+02 DISCON							.Y		
A27	87XS-7101AN.PV	L	DB BOP TRIP L							..Y		
A28	87XS-7102AN.PV	L	DB BOP TRIP S							...Y		
A29	87XS-7103AN.PV	L	DB BOP TRIP I								Y	
A30	87XS-7104AN.PV	L	DB BOP TRIP G								.Y	
A31	87XS-7105AN.PV	L	DB BOP TRIP DISCON								..Y	
A32	87XS-7106AN.PV	L	CRANE TRIP L								...Y	
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (ANN-ST11 IA ALARMS)

Basic

Tag Name	ANN-ST11
Model Name	ST16
Tag Comment	IA ALARMS
Lvl	4

Sequence Tables (ANN-ST11 IA ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10111213141516	17181920	21222324	25262728	29303132	Comment
C01	63RED_FAIL.PV	OFF	REDUNDANCY CPU FAIL	Y							
C02	63CPU_SWITCH.PV	OFF	REDUNDANCY CPU FAIL	.Y							
C03	63IM_ERR.PV	OFF	IM ERROR	..Y							
C04	63PNPN_ERR.PV	OFF	PNPN COUPLERERROR	...Y							
C05	63NET_ERR.PV	OFF	NETWORK PN/IE_1 ERROR		Y						
C06											
C07											
C08											
C09											
C10	50PA1-001A.PV	OFF	SW PMP A STOPPED BY PA1			Y					
C11	50PA1-001B.PV	OFF	SW PMP B STOPPED BY PA1			.Y					
C12	63AIT051-BADPV.PV	OFF	DEW POINT Tx BAD PV			..Y					
C13	63PT064-BADPV.PV	OFF	PT IA REC BAD PV			Y					
C14	63TIT051-BADPV.PV	OFF	TT IN AIR BAD PV			.Y					
C15	63TIT052-BADPV.PV	OFF	TT IA REC BAD PV			..Y					
C16	63FIT051-BADPV.PV	OFF	FT OL AIR BAD PV			...Y					
C17	63PDI051-BPV.PV	OFF	DPT IN FLTRS BAD PV				Y				
C18	63PDI052-BPV.PV	OFF	DPT OL FLTRS BAD PV				.Y				
C19	63ALARM-PLANT.PV	ON	PLANT GENERAL ALM				..Y				
C20	63PLANT-READY.PV	OFF	PLANT READY				...Y				
C21	63PLANT-RUNNING.PV	ON	PLANT RUNN					Y			
C22	63ALARMDRY-001.PV	ON	DRYER 1 ALM					.Y			
C23	63ALARMDRY-002.PV	ON	DRYER 2 ALM					..Y			
C24											
C25											
C26	64PT051-BADPV.PV	OFF	IL PRES TRANS- BAD PV						Y		
C27	64PT052-BADPV.PV	OFF	T1 PRES TRANS- BAD PV						.Y		
C28	64PT053-BADPV.PV	OFF	T2 PRES TRANS- BAD PV						..Y		
C29	64PT057-BADPV.PV	OFF	OL B PRES TRANS- BAD PV							Y	
C30	64PT059-BADPV.PV	OFF	PRES TRANS OL FIL-BAD PV							.Y	
C31	64PDIT056-BADPV.PV	OFF	OXYGEN TRANS- BAD PV							..Y	
C32	64AT051-BADPV.PV	OFF	DIF PRES TRANS OL FIL-PV							...Y	
A01	63RED_FAILAN.PV	L	REDUNDANCY CPU FAIL	Y							
A02	63CPU_SWITCHAN.PV	L	REDUNDANCY CPU FAIL	.Y							
A03	63IM_ERRAN.PV	L	IM ERROR	..Y							
A04	63PNPN_ERRAN.PV	L	PNPN COUPLERERROR	...Y							
A05	63NET_ERRAN.PV	L	NETWORK PN/IE_1 ERROR		Y						
A06											
A07											
A08											
A09											
A10	50PA1-001AAN.PV	L	SW PMP A PA1 LOC STOP			Y					
A11	50PA1-001BAN.PV	L	SW PMP B PA1 LOC STOP			.Y					
A12	63AIT051-BADPVAN.PV	L	DEW POINT Tx BAD PV			..Y					
A13	63PT064-BADPVAN.PV	L	PT IA REC BAD PV			Y					
A14	63TIT051-BADPVAN.PV	L	TT IN AIR BAD PV			.Y					
A15	63TIT052-BADPVAN.PV	L	TT IA REC BAD PV			..Y					
A16	63FIT051-BADPVAN.PV	L	FT OL AIR BAD PV			...Y					
A17	63PDI051-BPVAN.PV	L	DPT IN FLTRS BAD PV				Y				
A18	63PDI052-BPVAN.PV	L	DPT OL FLTRS BAD PV				.Y				
A19	63ALARM-PLANTAN.PV	L	PLANT GENERAL ALM				..Y				
A20	63PLANT-READYAN.PV	L	PLANT READY				...Y				
A21	63PLANT-RUNAN.PV	L	PLANT RUNN					Y			
A22	63ALARMDRY-001AN.PV	L	DRYER 1 ALM					.Y			
A23	63ALARMDRY-002AN.PV	L	DRYER 2 ALM					..Y			
A24											
A25											
A26	64PT051-BADPVAN.PV	L	IL PRES TRANS- BAD PV						Y		
A27	64PT052-BADPVAN.PV	L	T1 PRES TRANS- BAD PV						.Y		
A28	64PT053-BADPVAN.PV	L	T2 PRES TRANS- BAD PV						..Y		
A29	64PT057-BADPVAN.PV	L	OL B PRES TRANS- BAD PV							Y	
A30	64PT059-BADPVAN.PV	L	PRES TRANS OL FIL-BAD PV							.Y	
A31	64PDIT056-BADAN.PV	L	OXYGEN TRANS- BAD PV							..Y	
A32	64AT051-BADPVAN.PV	L	DIF PRES TRANS OL FIL-PV							...Y	
	PREV		THEN								
	NEXT		ELSE								

Tag Detail (ANN-ST12 SUB SYSTEM ALARMS)

Basic

Tag Name	ANN-ST12
Model Name	ST16
Tag Comment	SUB SYSTEM ALARMS
Lvl	4

Sequence Tables (ANN-ST12 SUB SYSTEM ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	64ALARM-PLANT.PV	OFF	PLANT GEN ALARM	Y								
C02	64PLANT-READY.PV	OFF	PLANT READY	.Y								
C03	64PLANT-RUNNING.PV	OFF	PLANT RUNNING	..Y								
C04	87HSTBY-001.PV	ON	PERM HOT STANDBY	...Y								
C05	87CSTBY-001.PV	ON	PERM COLD STANDBY		Y							
C06	87EMG-001.PV	ON	PERM TO ENTER EMG MODE		.Y							
C07	87EXP-001.PV	ON	PERM TO EXPORT MODE		..Y							
C08	87PERMSTF-001.PV	ON	PERM TO START FUELCELL		...Y							
C09	87PERMSTE-001.PV	ON	PERM TO START ELECT			Y						
C10	87INDFULL-001.PV	ON	FUEL TANKS ARE FULL			.Y						
C11	87H2TK-0001.PV	ON	ALL STORAGE FULL			..Y						
C12	87STF-002.PV	ON	EMCS PERM TO STR FUELCEL			...Y						
C13	87XS-002.PV	ON	POWER OUT MODE				Y					
C14	87LDSH-002.PV	ON	LOAD SHEDDING-2				.Y					
C15	P-50001ACMFL.PV	ON	SWP-A COMMON FLT				..Y					
C16	P-50001BCMFL.PV	ON	SWP-B COMMON FLT				...Y					
C17	WTPAST.PV	ON	WTP AUTO START					Y				
C18												
C19												
C20												
C21	EXPRTSEQFL.PV	ON	EXPORT MODE FAIL						Y			
C22	FUELCLSTP.PV	ON	FUEL CELL STPCMD						.Y			
C23	EMGMDSTPM.PV	ON	EMERGNCY MODE STPM						..Y			
C24	WTPASP.PV	ON	WTP AUTO STOP						...Y			
C25	AUXELASP.PV	ON	AUTO STOP AUX ELECTROLIS							Y		
C26	DISMODEPM.PV	ON	DISCH MODE PERMMISSIVE							.Y		
C27	64ESD-SIS-001-H.PV	OFF	PLANT SHITDOWN ALM							..Y		
C28	64TH001-H.PV	OFF	INTERNAL CABINET THERMOS							...Y		
C29	87LDSH-001.PV	ON	LOAD SHEDDING-1								Y	
C30												
C31												
C32												
A01	64ALARM-PLANTAN.PV	L	PLANT GEN ALARM	Y								
A02	64PLANT-READYAN.PV	L	PLANT READY	.Y								
A03	64PLANT-RUNAN.PV	L	PLANT RUNNING	..Y								
A04	87HSTBY-001AN.PV	L	PERM HOT STANDBY	...Y								
A05	87CSTBY-001AN.PV	L	PERM COLD STANDBY		Y							
A06	87EMG-001AN.PV	L	PERM TO ENTER EMG MODE		.Y							
A07	87EXP-001AN.PV	L	PERM TO EXPORT MODE		..Y							
A08	87PERMSTF-001AN.PV	L	PERM TO START FUELCELL		...Y							
A09	87PERMSTE-001AN.PV	L	PERM TO START ELECT			Y						
A10	87INDFULL-001AN.PV	L	FUEL TANKS ARE FULL			.Y						
A11	87H2TK-0001AN.PV	L	H2 TANK FULL			..Y						
A12	87STF-002AN.PV	L	EMCS PERM TO ST FUELCELL			...Y						
A13	87XS-002AN.PV	L	POWER OUT MODE				Y					
A14	87LDSH-002AN.PV	L	LOAD SHEDDING 2				.Y					
A15	P-50001ACMFLAN.PV	L	SWP-A COMMON FLT				..Y					
A16	P-50001BCMFLAN.PV	L	SWP-B COMMON FLT				...Y					
A17												
A18												
A19												
A20												
A21	EXPRTSEQFLAN.PV	L	EXPORT MODE FAIL						Y			
A22	FUELCLSTPAN.PV	L	FUEL CELL STPCMD						.Y			
A23	EMGMDSTPMAN.PV	L	EMERGNCY MODE STPM						..Y			
A24	WTPASPAN.PV	L	WTP AUTO STOP						...Y			
A25	AUXELASPAN.PV	L	AUTO STOP AUX ELECTROLIS							Y		
A26	DISMODEPMAN.PV	L	DISCH MODE PERMMISSIVE							.Y		
A27	64ESD-SIS001HAN.PV	L	NITROGEN PLANT SHUTDOWN							..Y		
A28	64TH001-HAN.PV	L	INTERNAL CAB THRMOSTAT							...Y		
A29	87LDSH-001AN.PV	L	LOAD SHEDDING 1								Y	
A30												
A31												
A32												
PREV			THEN									
NEXT			ELSE									

Tag Detail (ANN-ST13 LOGGING ALARMS)

Basic

Tag Name	ANN-ST13
Model Name	ST16
Tag Comment	LOGGING ALARMS
Lvl	4

Sequence Tables (ANN-ST13 LOGGING ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	25ZSH-055A.PV	ON	H2 OL HDR PRLS OPN	Y								
C02	25ZSH-055B.PV	ON	H2 OL HDR PRLS OPN	Y								
C03	64ZSH-031A.PV	ON	N2 LS OPNPR CTRL TO HDR	Y								
C04	64ZSH-031B.PV	ON	N2 LS OPNPR CTRL TO HDR	Y								
C05	25ZSL-031.PV	ON	N2 LS CLSTO V-25001A	Y								
C06	25ZSH-031.PV	ON	N2 LS OPNTO V-25001A	Y								
C07	25ZSL-031.PV	OFF	N2 LS CLSTO V-25001A	Y								
C08	25ZSH-031.PV	OFF	N2 LS OPNTO V-25001A	Y								
C09	25ZSL-032.PV	ON	N2 LS CLSTO V-25001B		Y							
C10	25ZSH-032.PV	ON	N2 LS OPNTO V-25001B		Y							
C11	25ZSL-032.PV	OFF	N2 LS CLSTO V-25001B		Y							
C12	25ZSH-032.PV	OFF	N2 LS OPNTO V-25001B		Y							
C13	25ZSL-033.PV	ON	N2 LS CLSTO V-25001C		Y							
C14	25ZSH-033.PV	ON	N2 LS OPNTO V-25001C		Y							
C15	25ZSL-033.PV	OFF	N2 LS CLSTO V-25001C		Y							
C16	25ZSH-033.PV	OFF	N2 LS OPNTO V-25001C		Y							
C17	25ZSL-034.PV	ON	N2 LS CLSTO V-25001D			Y						
C18	25ZSH-034.PV	ON	N2 LS OPNTO V-25001D			Y						
C19	25ZSL-034.PV	OFF	N2 LS CLSTO V-25001D			Y						
C20	25ZSH-034.PV	OFF	N2 LS OPNTO V-25001D			Y						
C21	25ZSL-038.PV	ON	N2 LS CLSTO V-25001E			Y						
C22	25ZSH-038.PV	ON	N2 LS OPNTO V-25001E			Y						
C23	25ZSL-038.PV	OFF	N2 LS CLSTO V-25001E			Y						
C24	25ZSH-038.PV	OFF	N2 LS OPNTO V-25001E			Y						
C25	25ZSL-036.PV	ON	N2 LS CLSTO V-25001F				Y					
C26	25ZSH-036.PV	ON	N2 LS OPNTO V-25001F				Y					
C27	25ZSL-036.PV	OFF	N2 LS CLSTO V-25001F				Y					
C28	25ZSH-036.PV	OFF	N2 LS OPNTO V-25001F				Y					
C29	25ZSL-035.PV	ON	V-25001A LS CLS PR CTRL				Y					
C30	25ZSH-035.PV	ON	V-25001A LS OPN PR CTRL				Y					
C31	25ZSL-035.PV	OFF	V-25001A LS CLS PR CTRL				Y					
C32	25ZSH-035.PV	OFF	V-25001A LS OPN PR CTRL				Y					
C33	25ZSL-037.PV	ON	V-25001B LS CLS PR CTRL					Y				
C34	25ZSH-037.PV	ON	V-25001B LS OPN PR CTRL					Y				
C35	25ZSL-037.PV	OFF	V-25001B LS CLS PR CTRL					Y				
C36	25ZSH-037.PV	OFF	V-25001B LS OPN PR CTRL					Y				
C37	25ZSL-040.PV	ON	V-25001C LS CLS PR CTRL						Y			
C38	25ZSH-040.PV	ON	V-25001C LS OPN PR CTRL						Y			
C39	25ZSL-040.PV	OFF	V-25001C LS CLS PR CTRL						Y			
C40	25ZSH-040.PV	OFF	V-25001C LS OPN PR CTRL						Y			
C41	25ZSL-043.PV	ON	V-25001D LS CLS PR CTRL							Y		
C42	25ZSH-043.PV	ON	V-25001D LS OPN PR CTRL							Y		
C43	25ZSL-043.PV	OFF	V-25001D LS CLS PR CTRL							Y		
C44	25ZSH-043.PV	OFF	V-25001D LS OPN PR CTRL							Y		
C45	25ZSL-046.PV	ON	V-25001E LS CLS PR CTRL								Y	
C46	25ZSH-046.PV	ON	V-25001E LS OPN PR CTRL								Y	
C47	25ZSL-046.PV	OFF	V-25001E LS CLS PR CTRL								Y	
C48	25ZSH-046.PV	OFF	V-25001E LS OPN PR CTRL								Y	
A01	25ZSH-055A_BAN.PV	L	H2-FC PKG BOTH VLV OPN	Y								
A02	64ZSH-031A_BAN.PV	L	N2-DIST HDR BOTH VLV OPN	Y								
A03	25FV-031DAN.PV	L	H2-V25001A VLV DISC		Y	Y						
A04	25FV-032DAN.PV	L	H2-V25001B VLV DISC		Y	Y						
A05	25FV-033DAN.PV	L	H2-V25001C VLV DISC			Y	Y					
A06	25FV-034DAN.PV	L	H2-V25001D VLV DISC			Y	Y					
A07	25FV-038DAN.PV	L	H2-V25001E VLV DISC				Y	Y				
A08	25FV-036DAN.PV	L	H2-V25001F VLV DISC				Y	Y				
A09	25PV-035DAN.PV	L	H2-V25001A VLV DISC					Y	Y			
A10	25PV-037DAN.PV	L	H2-V25001B VLV DISC					Y	Y			
A11	25PV-040DAN.PV	L	H2-V25001C VLV DISC						Y	Y		
A12	25PV-043DAN.PV	L	H2-V25001D VLV DISC						Y	Y		
A13	25PV-046DAN.PV	L	H2-V25001E VLV DISC							Y	Y	
A14												
A15												
A16												
PREV			THEN									
NEXT			ELSE									

Tag Detail (ANN-ST14 LOGGING ALARMS)

Basic

Tag Name	ANN-ST14
Model Name	ST16
Tag Comment	LOGGING ALARMS
Lvl	4

Sequence Tables (ANN-ST14 LOGGING ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	25ZSL-049.PV	ON	V-25001F LS CLS PR CTRL	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C02	25ZSH-049.PV	ON	V-25001F LS OPN PR CTRL	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C03	25ZSL-049.PV	OFF	V-25001F LS CLS PR CTRL	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C04	25ZSH-049.PV	OFF	V-25001F LS OPN PR CTRL	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C05	25ZSL-055A.PV	ON	H2 OL HDR PRLS CLS	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C06	25ZSH-055A.PV	ON	H2 OL HDR PRLS OPN	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C07	25ZSL-055A.PV	OFF	H2 OL HDR PRLS CLS	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C08	25ZSH-055A.PV	OFF	H2 OL HDR PRLS OPN	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C09	25ZSL-055B.PV	ON	H2 OL HDR PRLS CLS	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C10	25ZSH-055B.PV	ON	H2 OL HDR PRLS OPN	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C11	25ZSL-055B.PV	OFF	H2 OL HDR PRLS CLS	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C12	25ZSH-055B.PV	OFF	H2 OL HDR PRLS OPN	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C13	64ZSH-031A.PV	ON	N2 LS OPNPR CTRL TO HDR	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C14	64ZSL-031A.PV	ON	N2 LS CLSPR CTRL TO HDR	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C15	64ZSH-031A.PV	OFF	N2 LS OPNPR CTRL TO HDR	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C16	64ZSL-031A.PV	OFF	N2 LS CLSPR CTRL TO HDR	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C17	64ZSH-031B.PV	ON	N2 LS OPNPR CTRL TO HDR	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C18	64ZSL-031B.PV	ON	N2 LS CLSPR CTRL TO HDR	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C19	64ZSH-031B.PV	OFF	N2 LS OPNPR CTRL TO HDR	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C20	64ZSL-031B.PV	OFF	N2 LS CLSPR CTRL TO HDR	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C21				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C22	64XY051-H.PV	OFF	VALVE XY051 ALARM	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	
C23	64XY052-H.PV	OFF	VALVE XY052 ALARM	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	
C24	64XY053-H.PV	OFF	VALVE XY053 ALARM	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	
C25	64XY054-H.PV	OFF	VALVE XY054 ALARM	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	
C26	64XY055-H.PV	OFF	VALVE XY055 ALARM	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	
C27	64XY056-H.PV	OFF	VALVE XY056 ALARM	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	
C28	64XY057-H.PV	OFF	VALVE XY057 ALARM	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	
C29	64XY058-H.PV	OFF	VALVE XY058 ALARM	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	
C30	64XY059-H.PV	OFF	VALVE XY059 ALARM	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	
C31				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C32	FCS010105RL01.X11	GT	PUMP CMN FLT ALARMS	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
C33	FCS010105RL01.X12	GT	PUMP CMN FLT ALARMS	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
C34	FCS010105RL01.X13	GT	PUMP CMN FLT ALARMS	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
C35	FCS010105RL01.X14	GT	PUMP CMN FLT ALARMS	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
C36	FCS010105RL01.X15	GT	PUMP CMN FLT ALARMS	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
C37	FCS010105RL01.X16	GT	PUMP CMN FLT ALARMS	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
C38				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C39				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C40				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C41				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C42				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C43				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C44				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C45				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C46				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C47				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C48				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A01	25PV-049DAN.PV	L	H2-V25001F VLV DISC	Y Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A02	25PV-055ADAN.PV	L	H2-FC PKG VLV A DISC	. . Y Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A03	25PV-055BDAN.PV	L	H2-FC PKG VLV B DISC	. . . .	Y Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A04	64PV-031ADAN.PV	L	N2-DIST HDR VLV A DISC	. . . .	. . Y Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A05	64PV-031BDAN.PV	L	N2-DIST HDR VLV B DISC	. . . .	. . . .	Y Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A06	64XY001-HAN.PV	L	VALVE XY001 ALARM	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	
A07	64XY002-HAN.PV	L	VALVE XY002 ALARM	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	
A08	64XY003-HAN.PV	L	VALVE XY003 ALARM	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	
A09	64XY004-HAN.PV	L	VALVE XY004 ALARM	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	
A10	64XY005-HAN.PV	L	VALVE XY005 ALARM	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	
A11	64XY006-HAN.PV	L	VALVE XY006 ALARM	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	
A12	64XY007-HAN.PV	L	VALVE XY007 ALARM	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	
A13	64XY008-HAN.PV	L	VALVE XY008 ALARM	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	
A14	64XY009-HAN.PV	L	VALVE XY009 ALARM	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	
A15	87H2TK-0001.PV	L	ALL STORAGE FULL	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
A16	25UA-V2500AN.PV	L	ALL VESSEL FULL	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
	PREV		THEN	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
	NEXT		ELSE	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	

Tag Detail (25PI002AD01 H2 STG IN DIFF PRESS)

Basic

Tag Name	25PI002AD01
Model Name	ADD
Tag Comment	H2 STG IN DIFF PRESS
Lvl	4
Scan Period	Basic Scan
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No

Connection

Main Input(IN)	>25PI-002.PV
Calculation Output(OUT)	25PI001_002.SV
Auxiliary Output(SUB)	
Sub Input(Q01)	

Tag Detail (25PI001_002 H2 STG IN DIFF PRESS)

Basic

Tag Name	25PI001_002
Model Name	PVI-DV
Tag Comment	H2 STG IN DIFF PRESS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PI004AD01 H2 STG VSL-A DIFF PRESS)

Basic

Tag Name	25PI004AD01
Model Name	ADD
Tag Comment	H2 STG VSL-A DIFF PRESS
Lvl	4
Scan Period	Basic Scan
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No

Connection

Main Input(IN)	>25PI-004.PV
Calculation Output(OUT)	25PI004_035.SV
Auxiliary Output(SUB)	
Sub Input(Q01)	

Tag Detail (25PI004_035 H2 STG VSL-A DIFF PRESS)

Basic

Tag Name	25PI004_035
Model Name	PVI-DV
Tag Comment	H2 STG VSL-A DIFF PRESS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PI006AD01 H2 STG VSL-B DIFF PRESS)

Basic

Tag Name	25PI006AD01
Model Name	ADD
Tag Comment	H2 STG VSL-B DIFF PRESS
Lvl	4
Scan Period	Basic Scan
Start Timing	Periodic Execution
Input Signal Conversion	

Input Signal Conversion No

Connection
Main Input(IN) >25PI-006.PV
Calculation Output(OUT) 25PI006_037.SV
Auxiliary Output(SUB)
Sub Input(Q01)

Tag Detail (25PI006_037 H2 STG VSL-B DIFF PRESS)

Basic
Tag Name 25PI006_037
Model Name PVI-DV
Tag Comment H2 STG VSL-B DIFF PRESS
Lvl 4
Scan Period Basic Scan
Scan coefficient 1
Scan phase 0
Input Signal Conversion
Input Signal Conversion No
Totalizer
Totalizer Time Unit No
Sum Value Entry Not Allowed

Tag Detail (25PI008AD01 H2 STG VSL-C DIFF PRESS)

Basic
Tag Name 25PI008AD01
Model Name ADD
Tag Comment H2 STG VSL-C DIFF PRESS
Lvl 4
Scan Period Basic Scan
Start Timing Periodic Execution
Input Signal Conversion
Input Signal Conversion No

Connection
Main Input(IN) >25PI-008.PV
Calculation Output(OUT) 25PI008_040.SV
Auxiliary Output(SUB)
Sub Input(Q01)

Tag Detail (25PI008_040 H2 STG VSL-C DIFF PRESS)

Basic
Tag Name 25PI008_040
Model Name PVI-DV
Tag Comment H2 STG VSL-C DIFF PRESS
Lvl 4
Scan Period Basic Scan
Scan coefficient 1
Scan phase 0
Input Signal Conversion
Input Signal Conversion No
Totalizer
Totalizer Time Unit No
Sum Value Entry Not Allowed

Tag Detail (25PI009AD01 H2 STG VSL-D DIFF PRESS)

Basic
Tag Name 25PI009AD01
Model Name ADD
Tag Comment H2 STG VSL-D DIFF PRESS
Lvl 4
Scan Period Basic Scan
Start Timing Periodic Execution
Input Signal Conversion
Input Signal Conversion No

Connection
Main Input(IN) >25PI-009.PV
Calculation Output(OUT) 25PI009_043.SV
Auxiliary Output(SUB)
Sub Input(Q01)

Tag Detail (25PI009_043 H2 STG VSL-D DIFF PRESS)

Basic

Tag Name	25PI009_043
Model Name	PVI-DV
Tag Comment	H2 STG VSL-D DIFF PRESS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PI011AD01 H2 STG VSL-E DIFF PRESS)

Basic

Tag Name	25PI011AD01
Model Name	ADD
Tag Comment	H2 STG VSL-E DIFF PRESS
Lvl	4
Scan Period	Basic Scan
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No

Connection

Main Input(IN)	>25PI-011.PV
Calculation Output(OUT)	25PI011_046.SV
Auxiliary Output(SUB)	
Sub Input(Q01)	

Tag Detail (25PI011_046 H2 STG VSL-E DIFF PRESS)

Basic

Tag Name	25PI011_046
Model Name	PVI-DV
Tag Comment	H2 STG VSL-E DIFF PRESS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PI012AD01 H2 STG VSL-F DIFF PRESS)

Basic

Tag Name	25PI012AD01
Model Name	ADD
Tag Comment	H2 STG VSL-F DIFF PRESS
Lvl	4
Scan Period	Basic Scan
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No

Connection

Main Input(IN)	>25PI-012.PV
Calculation Output(OUT)	25PI012_049.SV
Auxiliary Output(SUB)	
Sub Input(Q01)	

Tag Detail (25PI012_049 H2 STG VSL-F DIFF PRESS)

Basic

Tag Name	25PI012_049
Model Name	PVI-DV
Tag Comment	H2 STG VSL-F DIFF PRESS
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (ANN-ST15 LV ZS)

Basic

Tag Name	ANN-ST15
Model Name	ST16
Tag Comment	LV ZS
Lvl	4

Sequence Tables (ANN-ST15 LV ZS)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	63PS054-H.PV	OFF	ALM DRIER-1 TWR A PS	Y								
C02	63PS056-H.PV	OFF	ALM DRIER-1 TWR B PS	.Y								
C03	63PS058-H.PV	OFF	ALM DRIER-2 TWR A PS	..Y								
C04	63PS060-H.PV	OFF	ALM DRIER-2 TWR B PS	...Y								
C05	63COMP001-H.PV	OFF	COMPRESSOR-1 GENERAL ALM		Y							
C06	63COMP002-H.PV	OFF	COMPRESSOR-2 GENERAL ALM		.Y							
C07	6320FS12-H.PV	OFF	SURG ARR 230VAC_SERV ALM		..Y							
C08	6321FS12-H.PV	OFF	SURG ARR 230VAC_UPS ALM		...Y							
C09	63TH001-H.PV	OFF	INT CAB HRMOSTAT ALM			Y						
C10												
C11	87ZSL-7108.PV	ON	DP200N1 N EMER CB CLS			.Y						
C12	87ZSL-7105.PV	ON	DP20N1 TR HEAT CB CLS			..Y						
C13	87ZSL-7106.PV	ON	DP200N1 MAIN UT CB CLS				Y					
C14												
C15												
C16	20ZSH-7103.PV	ON	QF1 - OPEN				.Y					
C17	20ZSL-7103.PV	ON	QF1 - CLOSED					Y				
C18												
C19												
C20	20TST-7101.PV	ON	QF1 - TEST					.Y				
C21	64XY060-H.PV	OFF	VALVE XY060 ALARM						Y			
C22	64XY061-H.PV	OFF	VALVE XY061 ALARM						.Y			
C23												
C24												
C25	87US-7107.PV	ON	DP200N1 N EMER LIGHT AUT							Y		
C26	87US-7109.PV	ON	DP20N1 TRACE HEAT ACT							.Y		
C27	20US-7101.PV	ON	QF1 - CONNECTED							..Y		
C28												
C29												
C30												
C31												
C32												
A01	63PS054HAN.PV	L	ALM DRIER-1 TWR A PS	Y								
A02	63PS056HAN.PV	L	ALM DRIER-1 TWR B PS	.Y								
A03	63PS058HAN.PV	L	ALM DRIER-2 TWR A PS	..Y								
A04	63PS060HAN.PV	L	ALM DRIER-2 TWR B PS	...Y								
A05	63COMP001HAN.PV	L	Compressor-1 GENERAL ALM		Y							
A06	63COMP002HAN.PV	L	Compressor-2 GENERAL ALM		.Y							
A07	6320FS12HAN.PV	L	SURG ARR 230VAC_SERV ALM		..Y							
A08	6321FS12HAN.PV	L	SURG ARR 230VAC_UPS ALM		...Y							
A09	63TH001HAN.PV	L	INT CAB HRMOSTAT ALM			Y						
A10												
A11	87ZSL-7108AN.PV	L	DP-200N1 EMG CB CLS			.Y						
A12	87ZSL-7105AN.PV	L	DP-200N1 TRC HEAT CB			..Y						
A13	87ZSL-7106AN.PV	L	DP-200N1 TRC HEAT CB				Y					
A14												
A15												
A16	20ZSH-7103AN.PV	L	QF1 - OPEN				.Y					
A17	20ZSL-7103AN.PV	L	QF1 - CLOSED					Y				
A18												
A19												
A20	20TST-7101AN.PV	L	QF1 - TEST					.Y				
A21	64XY060-HAN.PV	L	VALVE 64XV-60 ALARM						Y			
A22	64XY061-HAN.PV	L	VALVE 64XV-61 ALARM						.Y			
A23												
A24												
A25	87US-7107AN.PV	L	DP-200N1 EMG LITE ON							Y		
A26	87US-7109AN.PV	L	DP-200N1 TRC HEAT ACT							.Y		
A27	20US-7101AN.PV	L	QF1 - CONNECTED							..Y		
A28												
A29												
A30												
A31												
A32												
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (ANN-ST16 LV SWGR XS)

Basic

Tag Name	ANN-ST16
Model Name	ST16
Tag Comment	LV SWGR XS
Lvl	4

Sequence Tables (ANN-ST16 LV SWGR XS)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	87XS-7107.PV	1	CRANE TRIP S	Y								
C02	87XS-7108.PV	1	CRANE TRIP I	.Y								
C03	87XS-7109.PV	1	CRANE TRIP G	..Y								
C04	87XS-7110.PV	1	CRANE TRIP DISCON	...Y								
C05	82XS-7501.PV	1	A3/+05 TRIP L		Y							
C06	82XS-7502.PV	1	A3/+05 TRIP S		.Y							
C07	82XS-7503.PV	1	A3/+05 TRIP I		..Y							
C08	82XS-7504.PV	1	A3/+05 TRIP G		...Y							
C09	82XS-7505.PV	1	A3/+05 DISCON			Y						
C10	50XS-7101.PV	1	WTP TRIP L			.Y						
C11	50XS-7102.PV	1	WTP TRIP S			..Y						
C12	50XS-7103.PV	1	WTP TRIP I			...Y						
C13	50XS-7104.PV	1	WTP TRIP G				Y					
C14	50XS-7105.PV	1	WTP TRIP DISCON				.Y					
C15	87XS-7205.PV	1	AC UPS PAS LN B CB TRIP				..Y					
C16	77XS-7201.PV	1	HVAC PNL HV TRIPPED				...Y					
C17	80XS-7206.PV	1	FC AUX LDTRIPPED					Y				
C18	85XS-7201.PV	1	BESS PCS CAB TRIPPED					.Y				
C19	82XS-7606.PV	1	SP A4/+05 TRIPPED					..Y				
C20	82XS-7706.PV	1	SP A4/+06 TRIPPED					...Y				
C21	63XS-7201.PV	1	IA 01A TRIPPED						Y			
C22	82XS-7806.PV	1	SP A5/+01 TRIPPED						.Y			
C23	77XS-7202.PV	1	HVAC LV RM TRIPPED						..Y			
C24	77XS-7203.PV	1	HVAC UPS RM TRIPPED						...Y			
C25	77XS-7204.PV	1	HVAC ITER TRIPPED							Y		
C26	87XS-7203.PV	1	ICCP TRIPPED							.Y		
C27	82XS-7906.PV	1	SP A5/+06 TRIPPED							..Y		
C28	63XS-7202.PV	1	IA 01B TRIPPED							...Y		
C29	77XS-7101.PV	1	HVAC PNL HV PROT TRIP L								Y	
C30	77XS-7102.PV	1	HVAC PNL HV PROT TRIP S								.Y	
C31	77XS-7103.PV	1	HVAC PNL HV PROT TRIP I								..Y	
C32	77XS-7104.PV	1	HVAC PNL HV PROT TRIP G								...Y	
A01	87XS-7107AN.PV	L	CRANE TRIP S	Y								
A02	87XS-7108AN.PV	L	CRANE TRIP I	.Y								
A03	87XS-7109AN.PV	L	CRANE TRIP G	..Y								
A04	87XS-7110AN.PV	L	CRANE TRIP DISCON	...Y								
A05	82XS-7501AN.PV	L	A3/+05 TRIP L		Y							
A06	82XS-7502AN.PV	L	A3/+05 TRIP S		.Y							
A07	82XS-7503AN.PV	L	A3/+05 TRIP I		..Y							
A08	82XS-7504AN.PV	L	A3/+05 TRIP G		...Y							
A09	82XS-7505AN.PV	L	A3/+05 DISCON			Y						
A10	50XS-7101AN.PV	L	WTP TRIP L			.Y						
A11	50XS-7102AN.PV	L	WTP TRIP S			..Y						
A12	50XS-7103AN.PV	L	WTP TRIP I			...Y						
A13	50XS-7104AN.PV	L	WTP TRIP G				Y					
A14	50XS-7105AN.PV	L	WTP TRIP DISCON				.Y					
A15	87XS-7205AN.PV	L	AC UPS PAS LN B CB TRIP				..Y					
A16	77XS-7201AN.PV	L	HVAC PNL HV TRIPPED				...Y					
A17	80XS-7206AN.PV	L	FC AUX LDTRIPPED					Y				
A18	85XS-7201AN.PV	L	BESS PCS CAB TRIPPED					.Y				
A19	82XS-7606AN.PV	L	SP A4/+05 TRIPPED					..Y				
A20	82XS-7706AN.PV	L	SP A4/+06 TRIPPED					...Y				
A21	63XS-7201AN.PV	L	IA 01A TRIPPED						Y			
A22	82XS-7806AN.PV	L	SP A5/+01 TRIPPED						.Y			
A23	77XS-7202AN.PV	L	HVAC LV RM TRIPPED						..Y			
A24	77XS-7203AN.PV	L	HVAC UPS RM TRIPPED						...Y			
A25	77XS-7204AN.PV	L	HVAC ITER TRIPPED							Y		
A26	87XS-7203AN.PV	L	ICCP TRIPPED							.Y		
A27	82XS-7906AN.PV	L	SP A5/+06 TRIPPED							..Y		
A28	63XS-7202AN.PV	L	IA 01B TRIPPED							...Y		
A29	77XS-7101AN.PV	L	HVAC PNL HV PROT TRIP L								Y	
A30	77XS-7102AN.PV	L	HVAC PNL HV PROT TRIP S								.Y	
A31	77XS-7103AN.PV	L	HVAC PNL HV PROT TRIP I								..Y	
A32	77XS-7104AN.PV	L	HVAC PNL HV PROT TRIP G								...Y	
PREV			THEN									
NEXT			ELSE									

Tag Detail (ANN-ST17 LC SWGR XS)

Basic

Tag Name	ANN-ST17
Model Name	ST16
Tag Comment	LC SWGR XS
Lvl	4

Sequence Tables (ANN-ST17 LC SWGR XS)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	77XS-7105.PV	1	HVAC PNL HV TRIP DISC	Y								
C02	80XS-7101.PV	1	FC AUX LD PROT TRIP L	.Y								
C03	80XS-7102.PV	1	FC AUX LD PROT TRIP S	..Y								
C04	80XS-7103.PV	1	FC AUX LD PROT TRIP I	...Y								
C05	80XS-7104.PV	1	FC AUX LD PROT TRIP G		Y							
C06	80XS-7105.PV	1	FC AUX LD TRIP DISC		.Y							
C07	85XS-7101.PV	1	BESS PCS HV PROT TRIP L		..Y							
C08	85XS-7102.PV	1	BESS PCS HV PROT TRIP S		...Y							
C09	85XS-7103.PV	1	BESS PCS HV PROT TRIP I			Y						
C10	85XS-7104.PV	1	BESS PCS HV PROT TRIP G			.Y						
C11	85XS-7105.PV	1	BESS PCS HV TRIP DISC			..Y						
C12	82XS-7601.PV	1	A4/+05 PROT TRIP L			...Y						
C13	82XS-7602.PV	1	A4/+05 PROT TRIP S				Y					
C14	82XS-7603.PV	1	A4/+05 PROT TRIP I				.Y					
C15	82XS-7604.PV	1	A4/+05 PROT TRIP G				..Y					
C16	82XS-7605.PV	1	A4/+05 TRIP DISC				...Y					
C17	82XS-7701.PV	1	A4/+06 PROT TRIP L					Y				
C18	82XS-7702.PV	1	A4/+06 PROT TRIP S					.Y				
C19	82XS-7703.PV	1	A4/+06 PROT TRIP I					..Y				
C20	82XS-7704.PV	1	A4/+06 PROT TRIP G					...Y				
C21	82XS-7705.PV	1	A4/+06 TRIP DISC						Y			
C22	63XS-7101.PV	1	IA 01A PROT TRIP L						.Y			
C23	63XS-7102.PV	1	IA 01A PROT TRIP S						..Y			
C24	63XS-7103.PV	1	IA 01A PROT TRIP I						...Y			
C25	63XS-7104.PV	1	IA 01A PROT TRIP G							Y		
C26	63XS-7105.PV	1	IA 01A TRIP DISC							.Y		
C27	82XS-7801.PV	1	A5/+01 PROT TRIP L							..Y		
C28	82XS-7802.PV	1	A5/+01 PROT TRIP S							...Y		
C29	82XS-7803.PV	1	A5/+01 PROT TRIP I								Y	
C30	82XS-7804.PV	1	A5/+01 PROT TRIP G								.Y	
C31	82XS-7805.PV	1	A5/+01 TRIP DISC								..Y	
C32	77XS-7106.PV	1	HVAC LV RM PROT TRIP L								...Y	
A01	77XS-7105AN.PV	L	HVAC PNL HV TRIP DISC	Y								
A02	80XS-7101AN.PV	L	FC AUX LD PROT TRIP L	.Y								
A03	80XS-7102AN.PV	L	FC AUX LD PROT TRIP S	..Y								
A04	80XS-7103AN.PV	L	FC AUX LD PROT TRIP I	...Y								
A05	80XS-7104AN.PV	L	FC AUX LD PROT TRIP G		Y							
A06	80XS-7105AN.PV	L	FC AUX LD TRIP DISC		.Y							
A07	85XS-7101AN.PV	L	BESS PCS HV PROT TRIP L		..Y							
A08	85XS-7102AN.PV	L	BESS PCS HV PROT TRIP S		...Y							
A09	85XS-7103AN.PV	L	BESS PCS HV PROT TRIP I			Y						
A10	85XS-7104AN.PV	L	BESS PCS HV PROT TRIP G			.Y						
A11	85XS-7105AN.PV	L	BESS PCS HV TRIP DISC			..Y						
A12	82XS-7601AN.PV	L	A4/+05 PROT TRIP L			...Y						
A13	82XS-7602AN.PV	L	A4/+05 PROT TRIP S				Y					
A14	82XS-7603AN.PV	L	A4/+05 PROT TRIP I				.Y					
A15	82XS-7604AN.PV	L	A4/+05 PROT TRIP G				..Y					
A16	82XS-7605AN.PV	L	A4/+05 TRIP DISC				...Y					
A17	82XS-7701AN.PV	L	A4/+06 PROT TRIP L					Y				
A18	82XS-7702AN.PV	L	A4/+06 PROT TRIP S					.Y				
A19	82XS-7703AN.PV	L	A4/+06 PROT TRIP I					..Y				
A20	82XS-7704AN.PV	L	A4/+06 PROT TRIP G					...Y				
A21	82XS-7705AN.PV	L	A4/+06 TRIP DISC						Y			
A22	63XS-7101AN.PV	L	IA 01A PROT TRIP L						.Y			
A23	63XS-7102AN.PV	L	IA 01A PROT TRIP S						..Y			
A24	63XS-7103AN.PV	L	IA 01A PROT TRIP I						...Y			
A25	63XS-7104AN.PV	L	IA 01A PROT TRIP G							Y		
A26	63XS-7105AN.PV	L	IA 01A TRIP DISC							.Y		
A27	82XS-7801AN.PV	L	A5/+01 PROT TRIP L							..Y		
A28	82XS-7802AN.PV	L	A5/+01 PROT TRIP S							...Y		
A29	82XS-7803AN.PV	L	A5/+01 PROT TRIP I								Y	
A30	82XS-7804AN.PV	L	A5/+01 PROT TRIP G								.Y	
A31	82XS-7805AN.PV	L	A5/+01 TRIP DISC								..Y	
A32	77XS-7106AN.PV	L	HVAC LV RM PROT TRIP L								...Y	
PREV			THEN									
NEXT			ELSE									

Tag Detail (ANN-ST18 LV XS_LOC)

Basic

Tag Name	ANN-ST18
Model Name	ST16
Tag Comment	LV XS_LOC
Lvl	4

Sequence Tables (ANN-ST18 LV XS_LOC)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	77XS-7107.PV	1	HVAC LV RM PROT TRIP S	Y								
C02	77XS-7108.PV	1	HVAC LV RM PROT TRIP I	.Y								
C03	77XS-7109.PV	1	HVAC LV RM PROT TRIP G	..Y								
C04	77XS-7110.PV	1	HVAC LV RM TRIP DISC	...Y								
C05	77XS-7111.PV	1	HVAC UPS RM PROT TRIP L		Y							
C06	77XS-7112.PV	1	HVAC UPS RM PROT TRIP S		.Y							
C07	77XS-7113.PV	1	HVAC UPS RM PROT TRIP I		..Y							
C08	77XS-7114.PV	1	HVAC UPS RM PROT TRIP G		...Y							
C09	77XS-7115.PV	1	HVAC UPS RM TRIP DISC			Y						
C10	77XS-7116.PV	1	HVAC ITER PROT TRIP L			.Y						
C11	77XS-7117.PV	1	HVAC ITER PROT TRIP S			..Y						
C12	77XS-7118.PV	1	HVAC ITER PROT TRIP I			...Y						
C13	77XS-7119.PV	1	HVAC ITER PROT TRIP G				Y					
C14	77XS-7120.PV	1	HVAC ITER TRIP DISC				.Y					
C15	87XS-7111.PV	1	ICCP PROT TRIP L				..Y					
C16	87XS-7112.PV	1	ICCP PROT TRIP S				...Y					
C17	87XS-7113.PV	1	ICCP PROT TRIP I					Y				
C18	87XS-7114.PV	1	ICCP PROT TRIP G					.Y				
C19	87XS-7115.PV	1	ICCP TRIP DISC					..Y				
C20	82XS-7901.PV	1	A5/+06 PROT TRIP L					...Y				
C21	82XS-7902.PV	1	A5/+06 PROT TRIP S						Y			
C22	82XS-7903.PV	1	A5/+06 PROT TRIP I						.Y			
C23	82XS-7904.PV	1	A5/+06 PROT TRIP G						..Y			
C24	82XS-7905.PV	1	A5/+06 TRIP DISC						...Y			
C25	63XS-7106.PV	1	IA 01B PROT TRIP L							Y		
C26	63XS-7107.PV	1	IA 01B PROT TRIP S							.Y		
C27	63XS-7108.PV	1	IA 01B PROT TRIP I							..Y		
C28	63XS-7109.PV	1	IA 01B PROT TRIP G							...Y		
C29	63XS-7110.PV	1	IA 01B TRIP DISC								Y	
C30	50XS-001B.PV	0	SW PMP B ESD ACT								.Y	
C31	85XS-7202.PV	1	BESS LV2 TRIPPED								..Y	
C32	85XS-7203.PV	1	BESS LV1 TRIPPED								...Y	
A01	77XS-7107AN.PV	L	HVAC LV RM PROT TRIP S	Y								
A02	77XS-7108AN.PV	L	HVAC LV RM PROT TRIP I	.Y								
A03	77XS-7109AN.PV	L	HVAC LV RM PROT TRIP G	..Y								
A04	77XS-7110AN.PV	L	HVAC LV RM TRIP DISC	...Y								
A05	77XS-7111AN.PV	L	HVAC UPS RM PROT TRIP L		Y							
A06	77XS-7112AN.PV	L	HVAC UPS RM PROT TRIP S		.Y							
A07	77XS-7113AN.PV	L	HVAC UPS RM PROT TRIP I		..Y							
A08	77XS-7114AN.PV	L	HVAC UPS RM PROT TRIP G		...Y							
A09	77XS-7115AN.PV	L	HVAC UPS RM TRIP DISC			Y						
A10	77XS-7116AN.PV	L	HVAC ITER PROT TRIP L			.Y						
A11	77XS-7117AN.PV	L	HVAC ITER PROT TRIP S			..Y						
A12	77XS-7118AN.PV	L	HVAC ITER PROT TRIP I			...Y						
A13	77XS-7119AN.PV	L	HVAC ITER PROT TRIP G				Y					
A14	77XS-7120AN.PV	L	HVAC ITER TRIP DISC				.Y					
A15	87XS-7111AN.PV	L	ICCP PROT TRIP L				..Y					
A16	87XS-7112AN.PV	L	ICCP PROT TRIP S				...Y					
A17	87XS-7113AN.PV	L	ICCP PROT TRIP I					Y				
A18	87XS-7114AN.PV	L	ICCP PROT TRIP G					.Y				
A19	87XS-7115AN.PV	L	ICCP TRIP DISC					..Y				
A20	82XS-7901AN.PV	L	A5/+06 PROT TRIP L					...Y				
A21	82XS-7902AN.PV	L	A5/+06 PROT TRIP S						Y			
A22	82XS-7903AN.PV	L	A5/+06 PROT TRIP I						.Y			
A23	82XS-7904AN.PV	L	A5/+06 PROT TRIP G						..Y			
A24	82XS-7905AN.PV	L	A5/+06 TRIP DISC						...Y			
A25	63XS-7106AN.PV	L	IA 01B PROT TRIP L							Y		
A26	63XS-7107AN.PV	L	IA 01B PROT TRIP S							.Y		
A27	63XS-7108AN.PV	L	IA 01B PROT TRIP I							..Y		
A28	63XS-7109AN.PV	L	IA 01B PROT TRIP G							...Y		
A29	63XS-7110AN.PV	L	IA 01B TRIP DISC								Y	
A30	50XS-001BAN.PV	L	SW PMP B ESD ACT								.Y	
A31	85XS-7202AN.PV	L	BESS LV2 TRIPPED								..Y	
A32	85XS-7203AN.PV	L	BESS LV1 TRIPPED								...Y	
PREV			THEN									
NEXT			ELSE									

Tag Detail (63PI-003AD01 INST AIR DIST HDR)

Basic

Tag Name	63PI-003AD01
Model Name	ADD
Tag Comment	INST AIR DIST HDR
Lvl	4
Scan Period	Basic Scan
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No

Connection

Main Input(IN)	>63PI-004.PV
Calculation Output(OUT)	63PI003_004.SV
Auxiliary Output(SUB)	
Sub Input(Q01)	

Tag Detail (63PI003_004 INST AIR DIST HDR)

Basic

Tag Name	63PI003_004
Model Name	PVI-DV
Tag Comment	INST AIR DIST HDR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (ANN-ST19 LV XS_LOC)

Basic

Tag Name	ANN-ST19
Model Name	ST16
Tag Comment	LV XS_LOC
Lvl	4

Sequence Tables (ANN-ST19 LV XS_LOC)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20LOC-7302.PV	ON	QF1 SA1 LOCAL	Y								
C02	82LOC-7304.PV	ON	A2/+05 LOCAL	.Y								
C03	82LOC-7404.PV	ON	A3/+02 SA1 ON LOCAL	..Y								
C04	87LOC-7301.PV	ON	DB BOP SA1 ON LOCAL	...Y								
C05	87LOC-7302.PV	ON	CRANE SA1 ON LOCAL		Y							
C06	82LOC-7504.PV	ON	A3/+05 SA1 ON LOCAL		.Y							
C07	50LOC-7301.PV	ON	WTP SA1 ON LOCAL		..Y							
C08	77LOC-7201.PV	ON	HVAC PNL HV SA1 LOC		...Y							
C09	80LOC-7301.PV	ON	FC AUX LD SA1 LOC			Y						
C10	85LOC-7301.PV	ON	BESS PCS CAB SA1 LOC			.Y						
C11	82LOC-7604.PV	ON	SP A4/+05 SA1 LOC			..Y						
C12	82LOC-7704.PV	ON	SP A4/+06 SA1 LOC			...Y						
C13	63LOC-7301.PV	ON	IA 01A SA1 LOC				Y					
C14	82LOC-7804.PV	ON	SP A5/+01 SA1 LOC				.Y					
C15	77LOC-7302.PV	ON	HVAC LV RM SA1 LOC				..Y					
C16	77LOC-7303.PV	ON	HVAC UPS RM SA1 LOC				...Y					
C17	77LOC-7304.PV	ON	HVAC ITER SA1 LOC					Y				
C18	87LOC-7303.PV	ON	ICCP SA1 LOC					.Y				
C19	82LOC-7904.PV	ON	SP A5/+06 SA1 LOC					..Y				
C20	63LOC-7302.PV	ON	IA 01B SA1 LOC					...Y				
C21	85LOC-7302.PV	ON	BESS LV2 LOCAL						Y			
C22	85LOC-7303.PV	ON	BESS LV1 LOCAL						.Y			
C23	82LOC-7914.PV	ON	A6/+04 LOCAL						..Y			
C24												
C25												
C26												
C27												
C28												
C29												
C30												
C31												
C32												
A01	20LOC-7302AN.PV	L	QF1 SA1 LOCAL	Y								
A02	82LOC-7304AN.PV	L	A2/+05 INTERNAL FAULT	.Y								
A03	82LOC-7404AN.PV	L	A3/+02 SA1 ON LOCAL	..Y								
A04	87LOC-7301AN.PV	L	DB BOP SA1 ON LOCAL	...Y								
A05	87LOC-7302AN.PV	L	CRANE SA1 ON LOCAL		Y							
A06	82LOC-7504AN.PV	L	A3/+05 SA1 ON LOCAL		.Y							
A07	50LOC-7301AN.PV	L	WTP SA1 ON LOCAL		..Y							
A08	77LOC-7201AN.PV	L	HVAC PNL HV SA1 LOC		...Y							
A09	80LOC-7301AN.PV	L	FC AUX LD SA1 LOC			Y						
A10	85LOC-7301AN.PV	L	BESS PCS CAB SA1 LOC			.Y						
A11	82LOC-7604AN.PV	L	SP A4/+05 SA1 LOC			..Y						
A12	82LOC-7704AN.PV	L	SP A4/+06 SA1 LOC			...Y						
A13	63LOC-7301AN.PV	L	IA 01A SA1 LOC				Y					
A14	82LOC-7804AN.PV	L	SP A5/+01 SA1 LOC				.Y					
A15	77LOC-7302AN.PV	L	HVAC LV RM SA1 LOC				..Y					
A16	77LOC-7303AN.PV	L	HVAC UPS RM SA1 LOC				...Y					
A17	77LOC-7304AN.PV	L	HVAC ITER SA1 LOC					Y				
A18	87LOC-7303AN.PV	L	ICCP SA1 LOC					.Y				
A19	82LOC-7904AN.PV	L	SP A5/+06 SA1 LOC					..Y				
A20	63LOC-7302AN.PV	L	IA 01B SA1 LOC					...Y				
A21	85LOC-7302AN.PV	L	BESS LV2 LOCAL						Y			
A22	85LOC-7303AN.PV	L	BESS LV1 LOCAL						.Y			
A23	82LOC-7914AN.PV	L	A6/+04 LOCAL						..Y			
A24												
A25												
A26												
A27												
A28												
A29												
A30												
A31												
A32												
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (ANN-ST20 LV XS_LOC)

Basic

Tag Name	ANN-ST20
Model Name	ST16
Tag Comment	LV XS_LOC
Lvl	4

Sequence Tables (ANN-ST20 LV XS_LOC)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	82XS-7916.PV	1	A6/+04 TRIPPED	Y								
C02	70XS-7202.PV	1	AC UPS F&G A TRIPPED	.Y								
C03	70XS-7203.PV	1	AC UPS F&G B TRIPPED	..Y								
C04	83XS-7206.PV	1	WELD TOP DECK TRIPPED	...Y								
C05	50XS-001A.PV	0	SW PMP A ESD ACT		Y							
C06	85XS-7207.PV	1	AC UPS PAS BYP TRIPPED		.Y							
C07	85XS-7204.PV	1	DC BAT FDR A TRIPPED		..Y							
C08	83XS-7208.PV	1	WELD LOW DECK TRIPPED		...Y							
C09	85XS-7205.PV	1	DC BAT FDR B TRIPPED			Y						
C10	72XS-7201.PV	1	NAVAID FDR A TRIPPED			.Y						
C11	72XS-7202.PV	1	NAVAID FDR B TRIPPED			..Y						
C12	85XS-7106.PV	1	BESS LV2 PROT TRIP L			...Y						
C13	85XS-7107.PV	1	BESS LV2 PROT TRIP S				Y					
C14	85XS-7108.PV	1	BESS LV2 PROT TRIP I				.Y					
C15	85XS-7109.PV	1	BESS LV2 PROT TRIP G				..Y					
C16	85XS-7110.PV	1	BESS LV2 TRIP DISC				...Y					
C17	85XS-7111.PV	1	BESS LV1 PROT TRIP L					Y				
C18	85XS-7112.PV	1	BESS LV1 PROT TRIP S					.Y				
C19	85XS-7113.PV	1	BESS LV1 PROT TRIP I					..Y				
C20	85XS-7114.PV	1	BESS LV1 PROT TRIP G					...Y				
C21	85XS-7115.PV	1	BESS LV1 TRIP DISC						Y			
C22	82XS-7911.PV	1	A6/+04 PROT TRIP L						.Y			
C23	82XS-7912.PV	1	A6/+04 PROT TRIP S						..Y			
C24	82XS-7913.PV	1	A6/+04 PROT TRIP I						...Y			
C25	82XS-7914.PV	1	A6/+04 PROT TRIP G							Y		
C26	82XS-7915.PV	1	A6/+04 TRIP DISC							.Y		
C27										..Y		
C28										...Y		
C29											Y	
C30											.Y	
C31											..Y	
C32											...Y	
A01	82XS-7916AN.PV	L	A6/+04 TRIPPED	Y								
A02	70XS-7202AN.PV	L	AC UPS F&G A TRIPPED	.Y								
A03	70XS-7203AN.PV	L	AC UPS F&G B TRIPPED	..Y								
A04	83XS-7206AN.PV	L	WELD TOP DECK TRIPPED	...Y								
A05	50XS-001AAN.PV	L	SW PMP A ESD ACT		Y							
A06	85XS-7207AN.PV	L	AC UPS PAS BYP TRIPPED		.Y							
A07	85XS-7204AN.PV	L	DC BAT FDR A TRIPPED		..Y							
A08	83XS-7208AN.PV	L	WELD LOW DECK TRIPPED		...Y							
A09	85XS-7205AN.PV	L	DC BAT FDR B TRIPPED			Y						
A10	72XS-7201AN.PV	L	NAVAID FDR A TRIPPED			.Y						
A11	72XS-7202AN.PV	L	NAVAID FDR B TRIPPED			..Y						
A12	85XS-7106AN.PV	L	BESS LV2 PROT TRIP L			...Y						
A13	85XS-7107AN.PV	L	BESS LV2 PROT TRIP S				Y					
A14	85XS-7108AN.PV	L	BESS LV2 PROT TRIP I				.Y					
A15	85XS-7109AN.PV	L	BESS LV2 PROT TRIP G				..Y					
A16	85XS-7110AN.PV	L	BESS LV2 TRIP DISC				...Y					
A17	85XS-7111AN.PV	L	BESS LV1 PROT TRIP L					Y				
A18	85XS-7112AN.PV	L	BESS LV1 PROT TRIP S					.Y				
A19	85XS-7113AN.PV	L	BESS LV1 PROT TRIP I					..Y				
A20	85XS-7114AN.PV	L	BESS LV1 PROT TRIP G					...Y				
A21	85XS-7115AN.PV	L	BESS LV1 TRIP DISC						Y			
A22	82XS-7911AN.PV	L	A6/+04 PROT TRIP L						.Y			
A23	82XS-7912AN.PV	L	A6/+04 PROT TRIP S						..Y			
A24	82XS-7913AN.PV	L	A6/+04 PROT TRIP I						...Y			
A25	82XS-7914AN.PV	L	A6/+04 PROT TRIP G							Y		
A26	82XS-7915AN.PV	L	A6/+04 TRIP DISC							.Y		
A27										..Y		
A28										...Y		
A29											Y	
A30											.Y	
A31											..Y	
A32											...Y	
PREV			THEN									
NEXT			ELSE									

Tag Detail (FORCE-ST1 FORCING)

Basic

Tag Name	FORCE-ST1
Model Name	ST16
Tag Comment	FORCING
Lvl	4

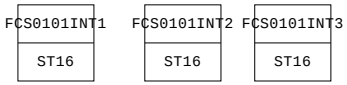
Sequence Tables (FORCE-ST1 FORCING)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. StepNo. Reference Signal Comment	1 2 3 4	5 6 7 8	9 10111213141516	17181920	21222324	25262728	29303132	Comment
C01											
C02											
C03											
C04											
C05											
C06											
C07											
C08											
C09											
C10											
C11											
C12											
C13											
C14											
C15											
C16											
C17											
C18											
C19											
C20											
C21											
C22											
C23											
C24											
C25											
C26											
C27											
C28											
C29											
C30											
C31											
C32											
A01	ALWAYS-ON.PV	L		Y							
A02											
A03											
A04											
A05											
A06											
A07											
A08											
A09											
A10											
A11											
A12											
A13											
A14											
A15											
A16											
A17											
A18											
A19											
A20											
A21											
A22											
A23											
A24											
A25											
A26											
A27											
A28											
A29											
A30											
A31											
A32											
	PREV		THEN								
	NEXT		ELSE								

PROJECT:	BLPH-CW1	FILE NAME:	DR0006.edf	SHEET:		YOKOGAWA	PAGE:3-25-3-1
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:27:21 AM	COMMENT:	INITIALIZATION TABLE		
SECTION:	DR0006	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0006 | BLPH-CW | INITIALIZATION TABLE]



PROJECT:	BLPH-CW1	FILE NAME:	DR0006.edf	SHEET:		YOKOGAWA	PAGE:3-25-3-2
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:27:21 AM	COMMENT:	INITIALIZATION TABLE		
SECTION:	DR0006	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:INITIALIZATION TABLE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	FCS0101INT1	ST16	INIT TABLE	0	0				
						4			
002	FCS0101INT2	ST16	INIT TABLE	0	0				
						4			
003	FCS0101INT3	ST16	INIT TABLE	0	0				
						4			

Tag Detail (FCS0101INT1 INIT TABLE)

Basic

Tag Name	FCS0101INT1
Model Name	ST16
Tag Comment	INIT TABLE
Lvl	4

Sequence Tables (FCS0101INT1 INIT TABLE)

Start Timing Restricted Initial Execution Type(B)
Output Timing
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10111213141516	17181920	21222324	25262728	29303132	Comment
C01											
C02											
C03											
C04											
C05											
C06											
C07											
C08											
C09											
C10											
C11											
C12											
C13											
C14											
C15											
C16											
A01	ANN-ST1.MODE	AUT	PUMP CMN FLT ALARMS	Y							
A02	ANN-ST2.MODE	AUT	UPS XA ALRM	Y							
A03	ANN-ST3.MODE	AUT	SUB SYSTEM ALARMS	Y							
A04	ANN-ST4.MODE	AUT	SUB SYSTEM ALARMS	Y							
A05	ANN-ST5.MODE	AUT	SUB SYSTEM ALARMS	Y							
A06	ANN-ST6.MODE	AUT	SUB SYSTEM ALARMS	Y							
A07	ANN-ST7.MODE	AUT	UPS A ALARMS	Y							
A08	ANN-ST8.MODE	AUT	FGS A ALARMS	Y							
A09	ANN-ST9.MODE	AUT	FGS A ALARMS	Y							
A10	ANN-ST10.MODE	AUT	LV SWGR XS	Y							
A11	ANN-ST11.MODE	AUT	IA ALARMS	Y							
A12	ANN-ST12.MODE	AUT	SUB SYSTEM ALARMS	Y							
A13	ANN-ST13.MODE	AUT	LOGGING ALARMS	Y							
A14	ANN-ST14.MODE	AUT	LOGGING ALARMS	Y							
A15	ANN-ST15.MODE	AUT	LV ZS	Y							
A16	ANN-ST16.MODE	AUT	LV SWGR XS	Y							
A17	ANN-ST17.MODE	AUT	LC SWGR XS	Y							
A18	ANN-ST18.MODE	AUT	LV XS_LOC	Y							
A19	FCS01007LC01.MODE	AUT	UPS LIFECHK	Y							
A20	FCS01007LC02.MODE	AUT	EMCS SEQ ANN	Y							
A21	FCS01007LC03.MODE	AUT	UPS PAS DO LOGIC	Y							
A22	FCS01007LC04.MODE	AUT	UPS PAS DO LOGIC	Y							
A23	FCS01007LC05.MODE	AUT	UPS F&G DO LOGIC	Y							
A24	FCS01007LC06.MODE	AUT	UPS F&G DO LOGIC	Y							
A25	FCS01007LC08.MODE	AUT	ANN LOGIC	Y							
A26	FCS01007LC07.MODE	AUT	HVAC DO LOGIC	Y							
A27	FGSDMP_ALRM1.MODE	AUT	FGS DMP ALRM LOGIC	Y							
A28	FGSDMP_ALRM2.MODE	AUT	FGS DMP ALRM LOGIC	Y							
A29	FCS0101009-ST01.MODE	AUT	PAS B ALARM	Y							
A30	FCS0101009-ST02.MODE	AUT	PAS B ALARM	Y							
A31	FCS0101009-ST03.MODE	AUT	PAS B ALARM	Y							
A32	FCS0101009-ST04.MODE	AUT	FGS B ALARM	Y							
A33	FCS0101009-ST05.MODE	AUT	FGS B ALARM	Y							
A34	FCS0101009-ST06.MODE	AUT	FGS B ALARM	Y							
A35	50XV-AUTLC1.MODE	AUT		Y							
A36	50XV-AUTLC2.MODE	AUT	PMP A,B BYPASS AUT LOGIC	Y							
A37	50XV-AUTLC3.MODE	AUT	PMP A,B BYPASS AUT LOGIC	Y							
A38	50XV-AUTLC4.MODE	AUT	PMP A,B BYPASS AUT LOGIC	Y							
A39	50XV-AUTST1.MODE	AUT		Y							
A40	50XV-AUTLC5.MODE	AUT	PMP A,B BYPASS AUT LOGIC	Y							
A41	25PY055-LC1.MODE	AUT	DISC ALARM	Y							
A42	25PIC55A-ST.MODE	AUT	25PIC55 INITIALIZATION	Y							
A43	25PY055-LC2.MODE	AUT	BOTH VLV OPN DISC ALARM	Y							
A44	25PY055-LC3.MODE	AUT	VALVE OPERATION	Y							
A45	64PY031-LC.MODE	AUT		Y							
A46	25PIC31A-ST.MODE	AUT	PUMP CMN FLT ALARMS	Y							
A47	25FY031-ST.MODE	AUT	PUMP CMN FLT ALARMS	Y							
A48	25PY035-LC.MODE	AUT	V-25001A LOGIC	Y							
	PREV		THEN								
	NEXT		ELSE								

Tag Detail (FCS0101INT2 INIT TABLE)

Basic

Tag Name	FCS0101INT2
Model Name	ST16
Tag Comment	INIT TABLE
Lvl	4

Sequence Tables (FCS0101INT2 INIT TABLE)

Start Timing Restricted Initial Execution Type(B)
Output Timing
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10111213141516	17181920	21222324	25262728	29303132	Comment
C01				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C02				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C03				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C04				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C05				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C06				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C07				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C08				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C09				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C10				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C11				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C12				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C13				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C14				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C15				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
C16				. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A01	25FY032-ST.MODE	AUT	PUMP CMN FLT ALARMS	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A02	25PY037-LC.MODE	AUT	V-25001B LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A03	25FY033-ST.MODE	AUT	PUMP CMN FLT ALARMS	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A04	25PY040-LC.MODE	AUT	V-25001C LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A05	25FY034-ST.MODE	AUT	PUMP CMN FLT ALARMS	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A06	25PY043-LC.MODE	AUT	V-25001D LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A07	25FY038-ST.MODE	AUT	PUMP CMN FLT ALARMS	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A08	25PY046-LC.MODE	AUT	V-25001E LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A09	25FY036-ST.MODE	AUT	PUMP CMN FLT ALARMS	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A10	25PY049-LC.MODE	AUT	V-25001F LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A11	P50001A-LC1.MODE	AUT	PUMP LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A12	P50001B-LC1.MODE	AUT	PUMP LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A13	P50001B-LC3.MODE	AUT	PUMP B D/S LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A14	P50001A-LC2.MODE	AUT	PUMP A D/S LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A15	P50001B-LC2.MODE	AUT	PUMP B D/S LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A16	S1009ABLC1.MODE	AUT	PUMP DUT/ STBY LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A17	FCS01080LC01.MODE	AUT		Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A18	FCS010181ST01.MODE	AUT		Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A19	63HSLC01.MODE	AUT		Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A20	63ST-01.MODE	AUT		Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A21	64HS-LC01.MODE	AUT	STRT/STP, ALM SUPPRESS	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A22	87EMCS-ST01.MODE	AUT	EMCS SEQ ANN	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A23	87DB200N1LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A24	50A50000LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A25	77B100HSB001LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A26	80A80000LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A27	85CP850F03LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A28	63K63001ALC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A29	77B200HSB001LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A30	77B300HSB001LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A31	77B400HSB001LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A32	87CN200N1LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A33	63K63001BLC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A34	85CP850E1LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A35	85CP850E2LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A36	87JB200E3LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A37	77B200-ST01.MODE	AUT	B-200 HVAC ANN	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A38	77B200-ST02.MODE	AUT	B-200 HVAC ANN	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A39	77B100-ST01.MODE	AUT	B-100 HVAC ANN	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A40	77B100-ST02.MODE	AUT	B-100 HVAC ANN	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A41	77B400-ST01.MODE	AUT	B-400 HVAC ANN	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A42	77B400-ST02.MODE	AUT	B-400 HVAC ANN	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A43	77B300-ST01.MODE	AUT	B-300 HVAC ANN	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A44	77B300-ST02.MODE	AUT	B-300 HVAC ANN	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A45	50WTP-ST01.MODE	AUT	WTP ANN	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A46	50WTP-ST02.MODE	AUT	WTP ANN	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A47	50WTP-LC01.MODE	AUT	WTP DO LOGIC	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
A48	20A20000LC.MODE	AUT	INTERLOCK	Y . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
	PREV		THEN	. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	
	NEXT		ELSE	. . . .	. . . .	. . . . .	. . . .	. . . .	. . . .	. . . .	

Tag Detail (FCS0101INT3 INIT TABLE)

Basic

Tag Name	FCS0101INT3
Model Name	ST16
Tag Comment	INIT TABLE
Lvl	4

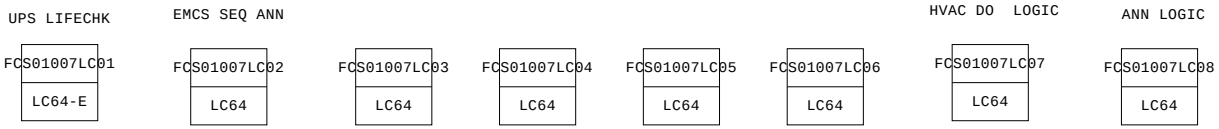
Sequence Tables (FCS0101INT3 INIT TABLE)

Start Timing Restricted Initial Execution Type(B)
Output Timing
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 101112	13141516	17181920	21222324	25262728	29303132	Comment
C01				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C02				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C03				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C04				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C05				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C06				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C07				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C08				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C09				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C10				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C11				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C12				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C13				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C14				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C15				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C16				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A01	FCS010131ST01.MODE	AUT	LV SWGR IL	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A02	FCS0101138-ST01.MODE	AUT		Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A03	FCS0101139-ST01.MODE	AUT		Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A04	FCS010144-SFC01.BSTS	RUN	FLOW TOTALIZER SFC	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A05	BLPHSEQ.BSTS	RUN	MAIN SEQUENCE	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A06	SEQPERM01.BSTS	RUN	IDLE MONITORING SEQ	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A07	SEQPERM03.BSTS	RUN	EXPORT MONITORING SEQ	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A08	SEQPERM04.BSTS	RUN	COLD STDBYMONITORING SEQ	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A09	SEQPERM05.BSTS	RUN	RESEARCH MONITORING SEQ	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A10	SEQPERM02.BSTS	RUN	IMPORT MONITORING SEQ	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A11	SEQPERM06.BSTS	RUN	CONCRRENCYMONITORING SEQ	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A12	SEQPERM07.BSTS	RUN	MONITORING SEQ	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A13	SEQPERM08.BSTS	RUN	HOT STDBY MONITORING SEQ	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A14	SEQPERM09.BSTS	RUN	EMERGENCY MONITORING	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A15	SEQPERM10.BSTS	RUN	POWERCUT MONITORING SEQ	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A16	SEQPERM11.BSTS	RUN	MAINTENANCMONITORING SEQ	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A17	SEQPERM12.BSTS	RUN	MONITORING CONCURENCY	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A18	SEQPERM13.BSTS	RUN	TIMER SEC TO HR_MIN CONV	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A19	SEQPERM14.BSTS	RUN	ALARM SEQ	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A20	SEQPERM15.BSTS	RUN	ALARM SUP LOGIC	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A21	SEQPERM16.BSTS	RUN	BLPHSEQ RESEARCH MODE	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A22	SEQPERM17.BSTS	RUN	BLPHSEQ EMERGENCY MODE	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A23				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A24				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A25				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A26				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A27				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A28				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A29				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A30				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A31				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A32				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A33				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A34				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A35				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A36				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A37				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A38				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A39				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A40				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A41				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A42				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A43				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A44				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A45				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A46				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A47				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A48				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
	PREV		THEN	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
	NEXT		ELSE	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	

PROJECT:	BLPH-CW1	FILE NAME:	DR0007.edf	SHEET:		YOKOGAWA	PAGE:3-25-4-1
STATION:	FCS0101	SAVED DATE:	5/3/2025 5:06:21 AM	COMMENT:	PULSE DO		
SECTION:	DR0007	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0007| BLPH-CW | TYP001 | PULSE DO]



PROJECT:	BLPH-CW1	FILE NAME:	DR0007.edf	SHEET:		YOKOGAWA	PAGE:3-25-4-2
STATION:	FCS0101	SAVED DATE:	5/3/2025 5:06:21 AM	COMMENT:	PULSE DO		
SECTION:	DR0007	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:PULSE DO

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	FCS01007LC01	LC64-E	UPS LIFECHK	0	0				
						4			
002	FCS01007LC02	LC64	EMCS SEQ ANN	0	0				
						4			
003	FCS01007LC03	LC64	UPS PAS DO LOGIC	0	0				
						4			
004	FCS01007LC04	LC64	UPS PAS DO LOGIC	0	0				
						4			
005	FCS01007LC05	LC64	UPS F&G DO LOGIC	0	0				
						4			
006	FCS01007LC06	LC64	UPS F&G DO LOGIC	0	0				
						4			
007	FCS01007LC08	LC64	ANN LOGIC	0	0				
						4			
008	FCS01007LC07	LC64	HVAC DO LOGIC	0	0				
						4			

Tag Detail (FCS01007LC01 UPS LIFECHK)

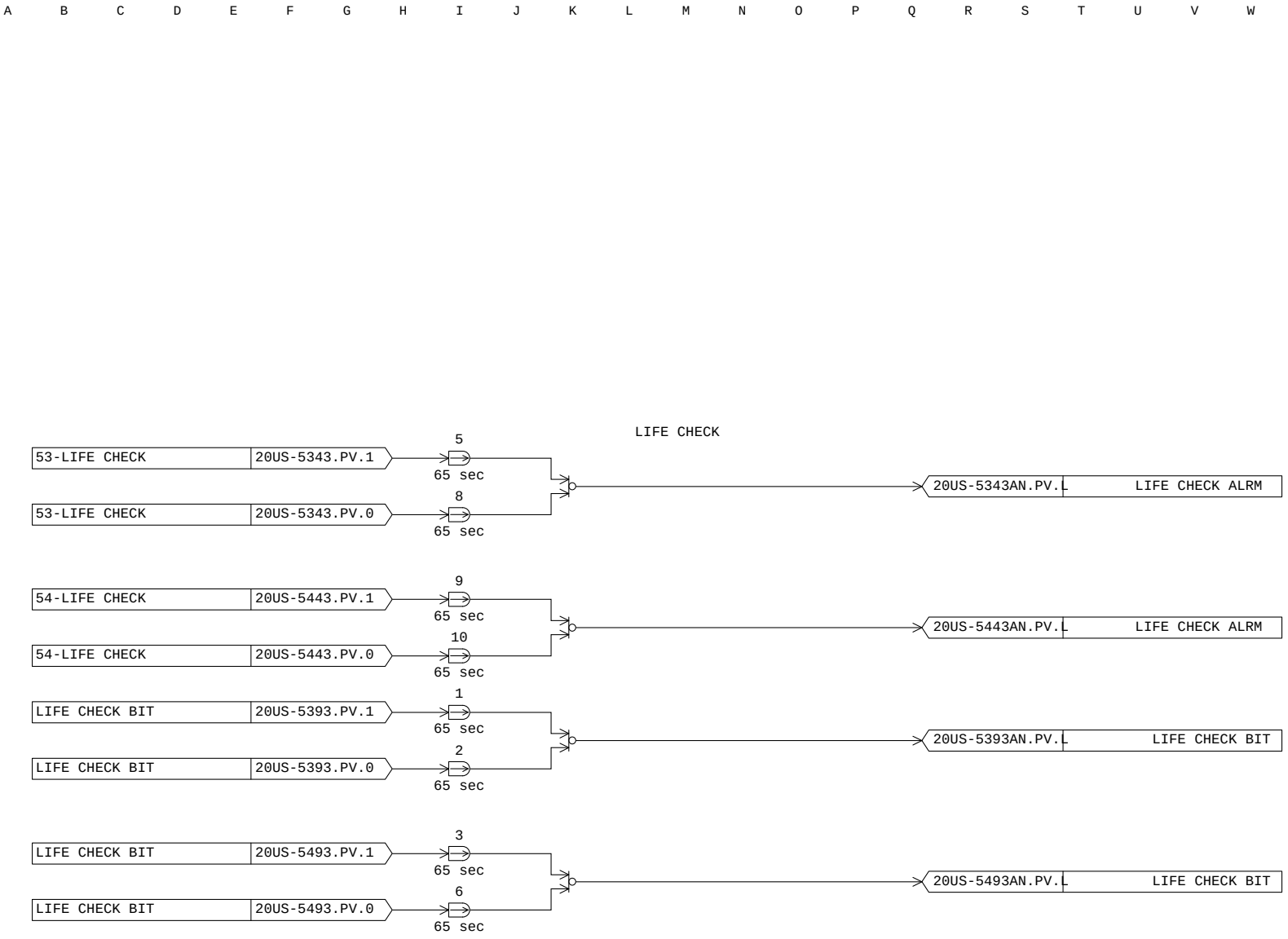
Basic

Tag Name	FCS01007LC01
Model Name	LC64-E
Tag Comment	UPS LIFECHK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	FCS01007LC01.edf	SHEET:		YOKOGAWA	PAGE:3-25-4-4
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:19 AM	COMMENT:	UPS LIFECHK		
SECTION:	DR0007	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (FCS01007LC01 UPS LIFECHK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (FCS01007LC02 EMCS SEQ ANN)

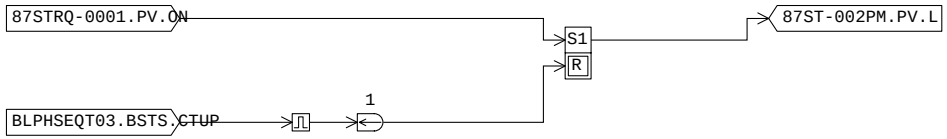
Basic

Tag Name	FCS01007LC02
Model Name	LC64
Tag Comment	EMCS SEQ ANN
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	FCS01007LC02.edf	SHEET:		YOKOGAWA	PAGE:3-25-4-6
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:19 AM	COMMENT:	EMCS SEQ ANN		
SECTION:	DR0007	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (FCS01007LC02 EMCS SEQ ANN)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————————
Reverse Direction Wiring	————————



Tag Detail (FCS01007LC03 UPS PAS DO LOGIC)

Basic

Tag Name	FCS01007LC03
Model Name	LC64
Tag Comment	UPS PAS DO LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	FCS01007LC03.edf	SHEET:		YOKOGAWA	PAGE:3-25-4-8
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:19 AM	COMMENT:	UPS PAS DO LOGIC		
SECTION:	DR0007	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (FCS01007LC03 UPS PAS DO LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————————
Reverse Direction Wiring	————————

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

Tag Detail (FCS01007LC04 UPS PAS DO LOGIC)

Basic

Tag Name	FCS01007LC04
Model Name	LC64
Tag Comment	UPS PAS DO LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	FCS01007LC04.edf	SHEET:		YOKOGAWA	PAGE:3-25-4-10
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:19 AM	COMMENT:	UPS PAS DO LOGIC		
SECTION:	DR0007	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (FCS01007LC04 UPS PAS DO LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————————
Reverse Direction Wiring	————————

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

Tag Detail (FCS01007LC05 UPS F&G DO LOGIC)

Basic

Tag Name	FCS01007LC05
Model Name	LC64
Tag Comment	UPS F&G DO LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	FCS01007LC05.edf	SHEET:		YOKOGAWA	PAGE:3-25-4-12
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:19 AM	COMMENT:	UPS FG DO LOGIC		
SECTION:	DR0007	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (FCS01007LC05 UPS F&G DO LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————————
Reverse Direction Wiring	————————

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

Tag Detail (FCS01007LC06 UPS F&G DO LOGIC)

Basic

Tag Name	FCS01007LC06
Model Name	LC64
Tag Comment	UPS F&G DO LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	FCS01007LC06.edf	SHEET:		YOKOGAWA	PAGE:3-25-4-14
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:19 AM	COMMENT:	UPS FG DO LOGIC		
SECTION:	DR0007	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (FCS01007LC06 UPS F&G DO LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————————
Reverse Direction Wiring	————————

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

Tag Detail (FCS01007LC08 ANN LOGIC)

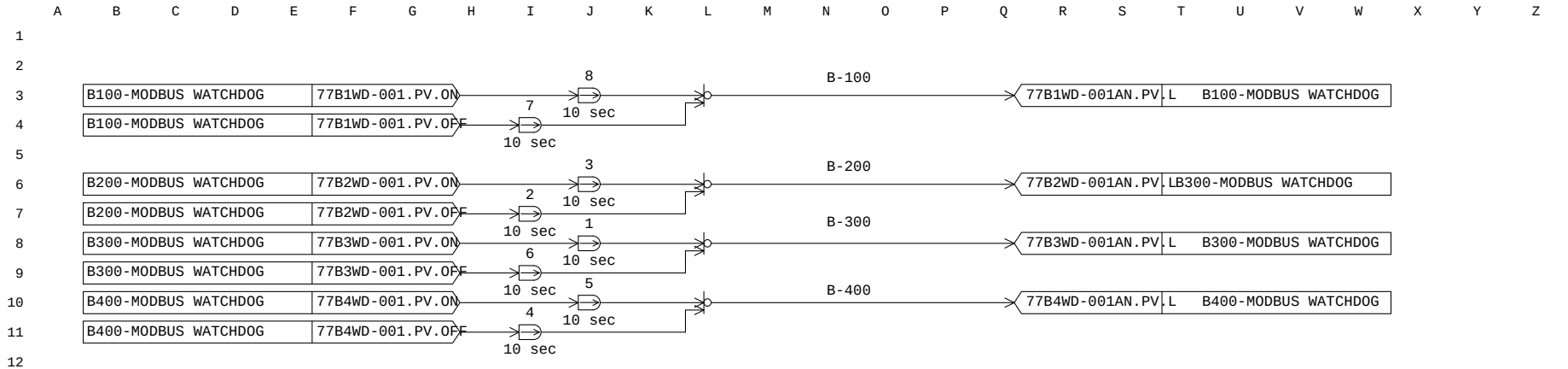
Basic

Tag Name	FCS01007LC08
Model Name	LC64
Tag Comment	ANN LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	FCS01007LC08.edf	SHEET:		YOKOGAWA	PAGE:3-25-4-16
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:19 AM	COMMENT:	ANN LOGIC		
SECTION:	DR0007	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (FCS01007LC08 ANN LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (FCS01007LC07 HVAC DO LOGIC)

Basic

Tag Name	FCS01007LC07
Model Name	LC64
Tag Comment	HVAC DO LOGIC
Lvl	4

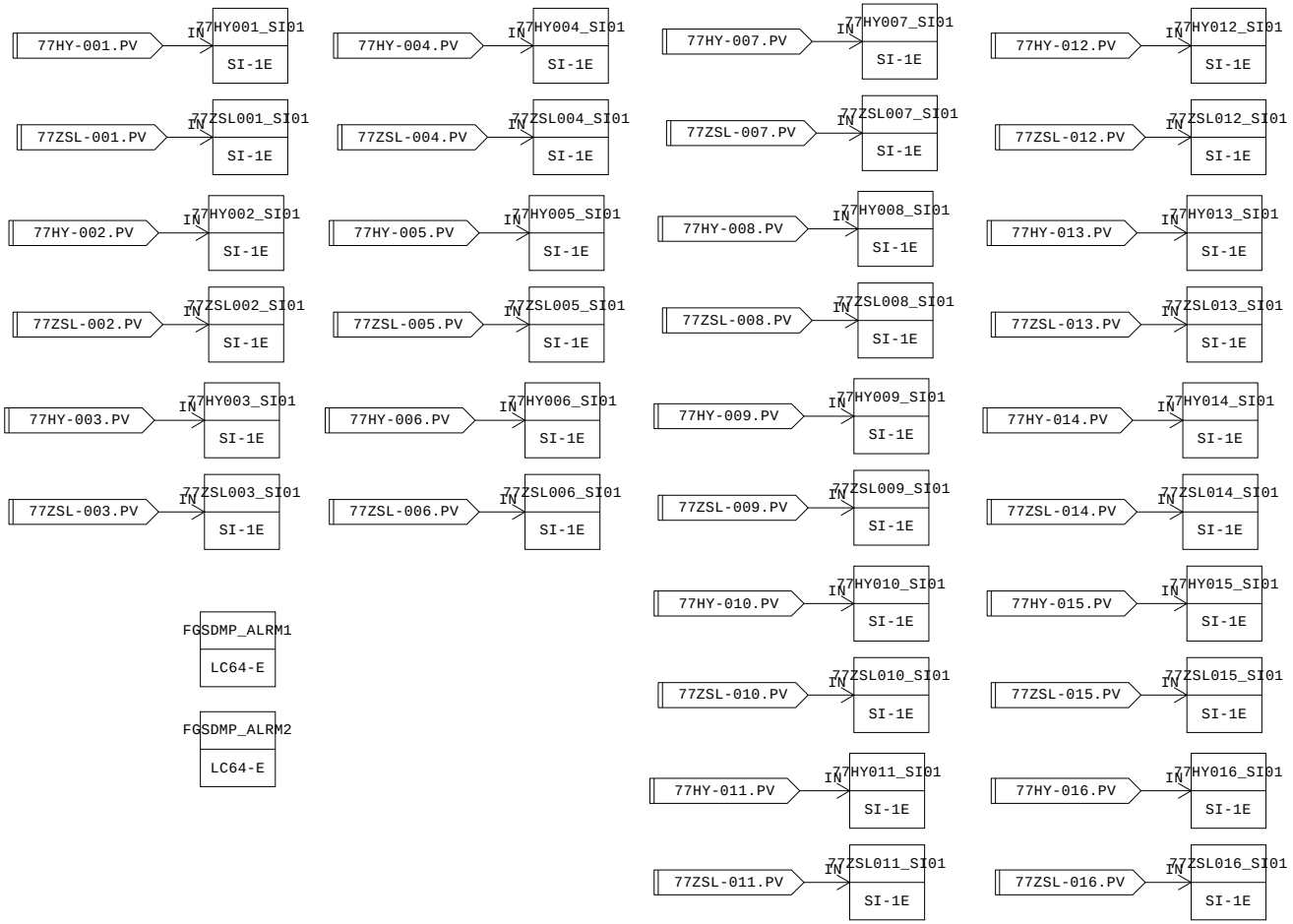
PROJECT:	BLPH-CW1	FILE NAME:	FCS01007LC07.edf	SHEET:		YOKOGAWA	PAGE:3-25-4-18
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:19 AM	COMMENT:	HVAC DO LOGIC		
SECTION:	DR0007	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (FCS01007LC07 HVAC DO LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



PROJECT:	BLPH-CW1	FILE NAME:	DR0008.edf	SHEET:		YOKOGAWA	PAGE:3-25-5-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:22 AM	COMMENT:	Damper Alarms		
SECTION:	DR0008	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0008.edf	SHEET:		YOKOGAWA	PAGE:3-25-5-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:22 AM	COMMENT:	Damper Alarms		
SECTION:	DR0008	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:Damper Alarms

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	FGSDMP_ALRM1	LC64-E	FGS DMP ALRM LOGIC	0	0				
						4			
002	77HY001_SI01	SI-1E	B100 F DAMP AHU1 INL.AIR	0	0				>77HY-001.PV
						4			
003	77ZSL001_SI01	SI-1E	B100 F DAMP AHU1 INL.AIR	0	0				>77ZSL-001.PV
						4			
004	77HY002_SI01	SI-1E	B100 F DAMP AHU2 INL.AIR	0	0				>77HY-002.PV
						4			
005	77ZSL002_SI01	SI-1E	B100 F DAMP AHU2 INL.AIR	0	0				>77ZSL-002.PV
						4			
006	77HY003_SI01	SI-1E	FIRE DUMP.1 B200 LV S.R	0	0				>77HY-003.PV
						4			
007	77ZSL003_SI01	SI-1E	B100 F DAMP EXHAUST AIR	0	0				>77ZSL-003.PV
						4			
008	77HY004_SI01	SI-1E	FIRE DUMP.2 B200 LV S.R	0	0				>77HY-004.PV
						4			
009	77ZSL004_SI01	SI-1E	B200 F DAMP AHU3 INL.AIR	0	0				>77ZSL-004.PV
						4			
010	77HY005_SI01	SI-1E	FIRE DUMP.1 B300 UPS RM	0	0				>77HY-005.PV
						4			
011	77ZSL005_SI01	SI-1E	B200 F DAMP AHU4 INL.AIR	0	0				>77ZSL-005.PV
						4			
012	77HY006_SI01	SI-1E	FIRE DUMP.2 B300 UPS RM	0	0				>77HY-006.PV
						4			
013	77ZSL006_SI01	SI-1E	B200 F DAMP EXHAUST AIR	0	0				>77ZSL-006.PV
						4			
014	77HY007_SI01	SI-1E	B300 F DAMP AHU5 INL.AIR	0	0				>77HY-007.PV
						4			
015	77ZSL007_SI01	SI-1E	B300 F DAMP AHU5 INL.AIR	0	0				>77ZSL-007.PV
						4			
016	77HY008_SI01	SI-1E	B300 F DAMP AHU5 RTN.AIR	0	0				>77HY-008.PV
						4			
017	77ZSL008_SI01	SI-1E	B300 F DAMP AHU5 RTN.AIR	0	0				>77ZSL-008.PV
						4			
018	77HY009_SI01	SI-1E	B300 F DAMP.AHU6 IL AIR	0	0				>77HY-009.PV
						4			
019	77ZSL009_SI01	SI-1E	B300 F DAMP.AHU6 IL AIR	0	0				>77ZSL-009.PV
						4			
020	77HY010_SI01	SI-1E	B300 F DAMP.AHU6 RT AIR	0	0				>77HY-010.PV
						4			
021	77ZSL010_SI01	SI-1E	B300 F DAMP.AHU6 RT AIR	0	0				>77ZSL-010.PV
						4			
022	77HY011_SI01	SI-1E	B300 F DAMP.EX AIR	0	0				>77HY-011.PV
						4			
023	77ZSL011_SI01	SI-1E	B300 F DAMP.EX AIR	0	0				>77ZSL-011.PV
						4			
024	77HY015_SI01	SI-1E	B400 F DAMP.AHU8 RT AIR	0	0				>77HY-015.PV
						4			
025	77ZSL015_SI01	SI-1E	B400 F DAMP.AHU8 RT AIR	0	0				>77ZSL-015.PV
						4			
026	77HY012_SI01	SI-1E	B400 F DAMP.AHU7 IL AIR	0	0				>77HY-012.PV
						4			
027	77ZSL012_SI01	SI-1E	B400 F DAMP.AHU7 IL AIR	0	0				>77ZSL-012.PV
						4			

PROJECT:	BLPH-CW1	FILE NAME:	DR0008.edf	SHEET:		YOKOGAWA	PAGE:3-25-5-3
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:22 AM	COMMENT:	Damper Alarms		
SECTION:	DR0008	PRINTED DATE:	9/15/2025	DRAWER:			

028	77HY013_SI01	SI-1E	B400 F DAMP.AHU7 RT AIR	0	0	4	>77HY-013.PV
029	77ZSL013_SI01	SI-1E	B400 F DAMP.AHU7 RT AIR	0	0	4	>77ZSL-013.PV
030	77HY014_SI01	SI-1E	B400 F DAMP.AHU8 IL AIR	0	0	4	>77HY-014.PV
031	77ZSL014_SI01	SI-1E	B400 F DAMP.AHU8 IL AIR	0	0	4	>77ZSL-014.PV
032	77HY016_SI01	SI-1E	B400 F DAMP.EX AIR	0	0	4	>77HY-016.PV
033	77ZSL016_SI01	SI-1E	B400 F DAMP.EX AIR	0	0	4	>77ZSL-016.PV
034	FGSDMP_ALRM2	LC64-E	FGS DMP ALRM LOGIC	0	0	4	

Tag Detail (FGSDMP_ALRM1 FGS DMP ALRM LOGIC)

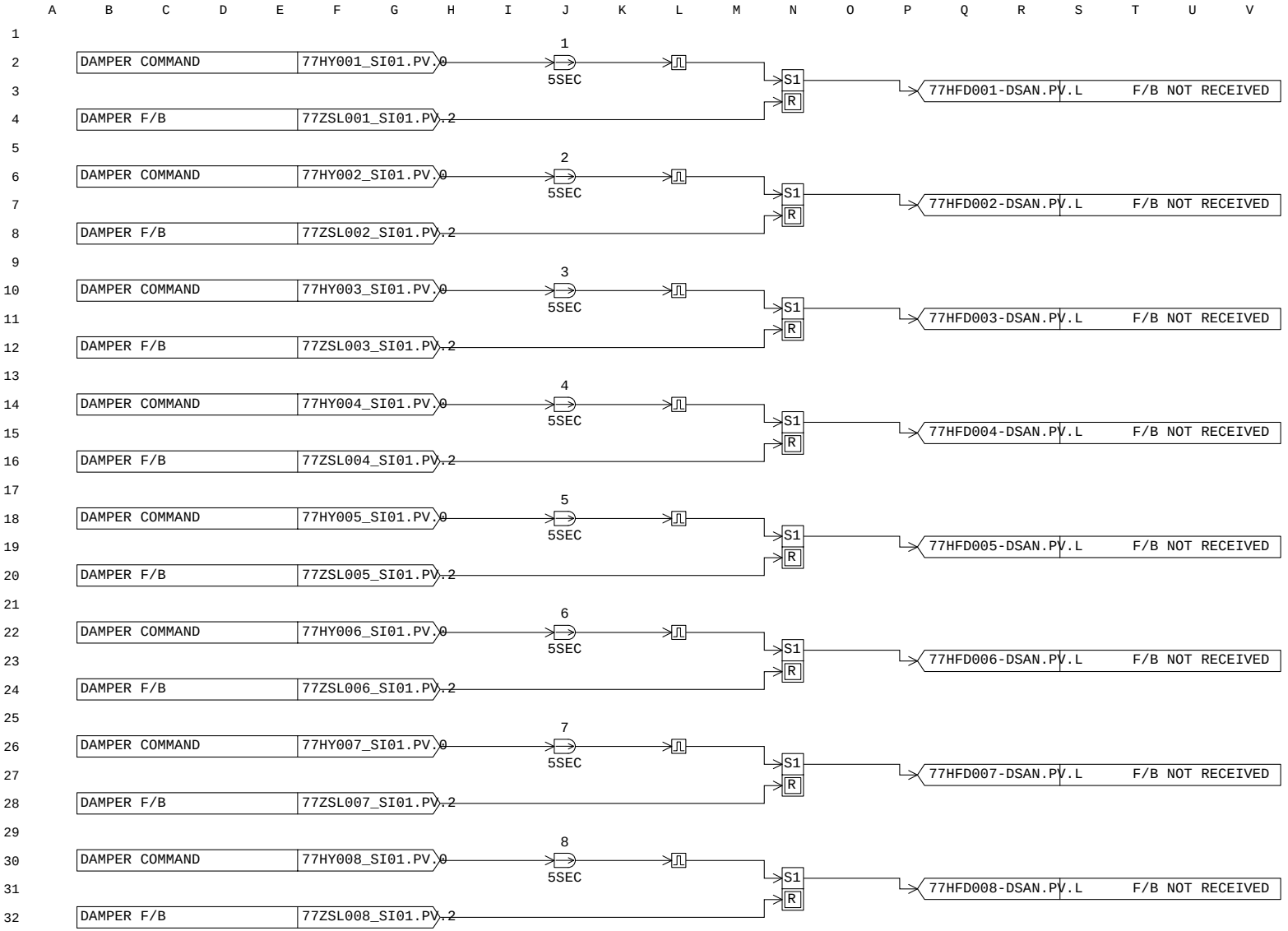
Basic

Tag Name	FGSDMP_ALRM1
Model Name	LC64-E
Tag Comment	FGS DMP ALRM LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	FGSDMP_ALRM1.edf	SHEET:		YOKOGAWA	PAGE:3-25-5-5
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:22 AM	COMMENT:	FGS DMP ALRM LOGIC		
SECTION:	DR0008	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (FGSDMP_ALRM1 FGS DMP ALRM LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (77HY001_SI01 B100 F DAMP AHU1 INL.AIR)

Basic

Tag Name	77HY001_SI01
Model Name	SI-1E
Tag Comment	B100 F DAMP AHU1 INL.AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL001_SI01 B100 F DAMP AHU1 INL.AIR)

Basic

Tag Name	77ZSL001_SI01
Model Name	SI-1E
Tag Comment	B100 F DAMP AHU1 INL.AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Direct

Tag Detail (77HY002_SI01 B100 F DAMP AHU2 INL.AIR)

Basic

Tag Name	77HY002_SI01
Model Name	SI-1E
Tag Comment	B100 F DAMP AHU2 INL.AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL002_SI01 B100 F DAMP AHU2 INL.AIR)

Basic

Tag Name	77ZSL002_SI01
Model Name	SI-1E
Tag Comment	B100 F DAMP AHU2 INL.AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	ON,,OFF,ON
Label	Direct

Tag Detail (77HY003_SI01 FIRE DUMP.1 B200 LV S.R)

Basic

Tag Name	77HY003_SI01
Model Name	SI-1E
Tag Comment	FIRE DUMP.1 B200 LV S.R
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL003_SI01 B100 F DAMP EXHAUST AIR)

Basic

Tag Name	77ZSL003_SI01
Model Name	SI-1E
Tag Comment	B100 F DAMP EXHAUST AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Direct

Tag Detail (77HY004_SI01 FIRE DUMP.2 B200 LV S.R)

Basic

Tag Name	77HY004_SI01
Model Name	SI-1E
Tag Comment	FIRE DUMP.2 B200 LV S.R
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL004_SI01 B200 F DAMP AHU3 INL.AIR)

Basic

Tag Name	77ZSL004_SI01
Model Name	SI-1E
Tag Comment	B200 F DAMP AHU3 INL.AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Direct

Tag Detail (77HY005_SI01 FIRE DUMP.1 B300 UPS RM)

Basic

Tag Name	77HY005_SI01
Model Name	SI-1E
Tag Comment	FIRE DUMP.1 B300 UPS RM
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL005_SI01 B200 F DAMP AHU4 INL.AIR)

Basic

Tag Name	77ZSL005_SI01
Model Name	SI-1E
Tag Comment	B200 F DAMP AHU4 INL.AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Direct

Tag Detail (77HY006_SI01 FIRE DUMP.2 B300 UPS RM)

Basic

Tag Name	77HY006_SI01
Model Name	SI-1E
Tag Comment	FIRE DUMP.2 B300 UPS RM
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL006_SI01 B200 F DAMP EXHAUST AIR)

Basic

Tag Name	77ZSL006_SI01
Model Name	SI-1E
Tag Comment	B200 F DAMP EXHAUST AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77HY007_SI01 B300 F DAMP AHU5 INL.AIR)

Basic

Tag Name	77HY007_SI01
Model Name	SI-1E
Tag Comment	B300 F DAMP AHU5 INL.AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL007_SI01 B300 F DAMP AHU5 INL.AIR)

Basic

Tag Name	77ZSL007_SI01
Model Name	SI-1E
Tag Comment	B300 F DAMP AHU5 INL.AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Direct

Tag Detail (77HY008_SI01 B300 F DAMP AHU5 RTN.AIR)

Basic

Tag Name	77HY008_SI01
Model Name	SI-1E
Tag Comment	B300 F DAMP AHU5 RTN.AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL008_SI01 B300 F DAMP AHU5 RTN.AIR)

Basic

Tag Name	77ZSL008_SI01
Model Name	SI-1E
Tag Comment	B300 F DAMP AHU5 RTN.AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Direct

Tag Detail (77HY009_SI01 B300 F DAMP.AHU6 IL AIR)

Basic

Tag Name	77HY009_SI01
Model Name	SI-1E
Tag Comment	B300 F DAMP.AHU6 IL AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSE,,N_CLOSE,CLOSE
Label	Reverse

Tag Detail (77ZSL009_SI01 B300 F DAMP.AHU6 IL AIR)

Basic

Tag Name	77ZSL009_SI01
Model Name	SI-1E
Tag Comment	B300 F DAMP.AHU6 IL AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Direct

Tag Detail (77HY010_SI01 B300 F DAMP.AHU6 RT AIR)

Basic

Tag Name	77HY010_SI01
Model Name	SI-1E
Tag Comment	B300 F DAMP.AHU6 RT AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL010_SI01 B300 F DAMP.AHU6 RT AIR)

Basic

Tag Name	77ZSL010_SI01
Model Name	SI-1E
Tag Comment	B300 F DAMP.AHU6 RT AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Direct

Tag Detail (77HY011_SI01 B300 F DAMP.EX AIR)

Basic

Tag Name	77HY011_SI01
Model Name	SI-1E
Tag Comment	B300 F DAMP.EX AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL011_SI01 B300 F DAMP.EX AIR)

Basic

Tag Name	77ZSL011_SI01
Model Name	SI-1E
Tag Comment	B300 F DAMP.EX AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Direct

Tag Detail (77HY015_SI01 B400 F DAMP.AHU8 RT AIR)

Basic

Tag Name	77HY015_SI01
Model Name	SI-1E
Tag Comment	B400 F DAMP.AHU8 RT AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL015_SI01 B400 F DAMP.AHU8 RT AIR)

Basic

Tag Name	77ZSL015_SI01
Model Name	SI-1E
Tag Comment	B400 F DAMP.AHU8 RT AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77HY012_SI01 B400 F DAMP.AHU7 IL AIR)

Basic

Tag Name	77HY012_SI01
Model Name	SI-1E
Tag Comment	B400 F DAMP.AHU7 IL AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL012_SI01 B400 F DAMP.AHU7 IL AIR)

Basic

Tag Name	77ZSL012_SI01
Model Name	SI-1E
Tag Comment	B400 F DAMP.AHU7 IL AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Direct

Tag Detail (77HY013_SI01 B400 F DAMP.AHU7 RT AIR)

Basic

Tag Name	77HY013_SI01
Model Name	SI-1E
Tag Comment	B400 F DAMP.AHU7 RT AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL013_SI01 B400 F DAMP.AHU7 RT AIR)

Basic

Tag Name	77ZSL013_SI01
Model Name	SI-1E
Tag Comment	B400 F DAMP.AHU7 RT AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED

	Label	Direct

Tag Detail (77HY014_SI01 B400 F DAMP.AHU8 IL AIR)

Basic

Tag Name	77HY014_SI01
Model Name	SI-1E
Tag Comment	B400 F DAMP.AHU8 IL AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL014_SI01 B400 F DAMP.AHU8 IL AIR)

Basic

Tag Name	77ZSL014_SI01
Model Name	SI-1E
Tag Comment	B400 F DAMP.AHU8 IL AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77HY016_SI01 B400 F DAMP.EX AIR)

Basic

Tag Name	77HY016_SI01
Model Name	SI-1E
Tag Comment	B400 F DAMP.EX AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Reverse

Tag Detail (77ZSL016_SI01 B400 F DAMP.EX AIR)

Basic

Tag Name	77ZSL016_SI01
Model Name	SI-1E
Tag Comment	B400 F DAMP.EX AIR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	CLOSED,,N_CLOSED,CLOSED
Label	Direct

Tag Detail (FGSDMP_ALRM2 FGS DMP ALRM LOGIC)

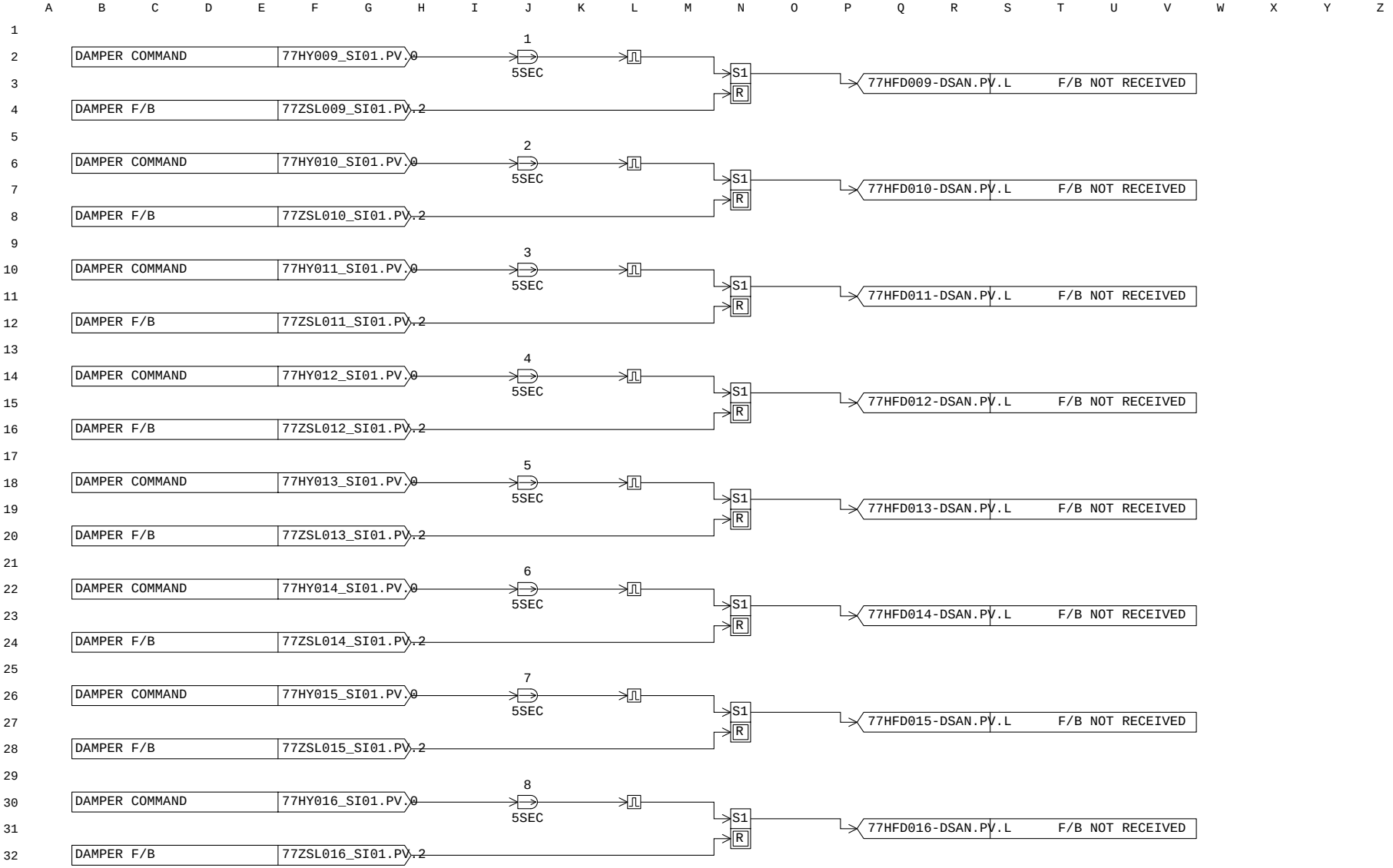
Basic

Tag Name	FGSDMP_ALRM2
Model Name	LC64-E
Tag Comment	FGS DMP ALRM LOGIC
Lvl	4

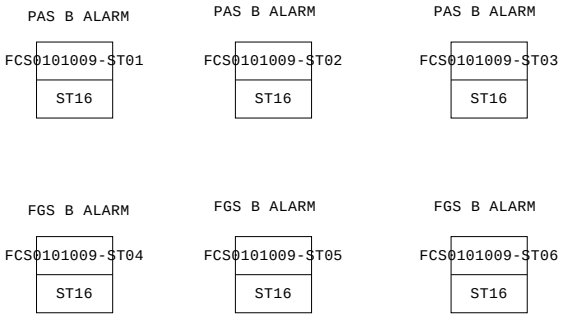
PROJECT:	BLPH-CW1	FILE NAME:	FGSDMP_ALRM2.edf	SHEET:		YOKOGAWA	PAGE:3-25-5-11
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:22 AM	COMMENT:	FGS DMP ALRM LOGIC		
SECTION:	DR0008	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (FGSDMP_ALRM2 FGS DMP ALRM LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



PROJECT:	BLPH-CW1	FILE NAME:	DR0009.edf	SHEET:		YOKOGAWA	PAGE:3-25-6-1
STATION:	FCS0101	SAVED DATE:	5/3/2025 5:09:54 AM	COMMENT:	UPS B ALARMS		
SECTION:	DR0009	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0009.edf	SHEET:		YOKOGAWA	PAGE:3-25-6-2
STATION:	FCS0101	SAVED DATE:	5/3/2025 5:09:54 AM	COMMENT:	UPS B ALARMS		
SECTION:	DR0009	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:UPS B ALARMS

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	FCS0101009-ST01	ST16	PAS B ALARM	0	0				
						4			
002	FCS0101009-ST02	ST16	PAS B ALARM	0	0				
						4			
003	FCS0101009-ST03	ST16	PAS B ALARM	0	0				
						4			
004	FCS0101009-ST04	ST16	FGS B ALARM	0	0				
						4			
005	FCS0101009-ST05	ST16	FGS B ALARM	0	0				
						4			
006	FCS0101009-ST06	ST16	FGS B ALARM	0	0				
						4			

Tag Detail (FCS0101009-ST01 PAS B ALARM)

Basic

Tag Name	FCS0101009-ST01
Model Name	ST16
Tag Comment	PAS B ALARM
Lvl	4

Sequence Tables (FCS0101009-ST01 PAS B ALARM)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20UA-5351.PV	ON	NON CRITICAL FAULT	Y								
C02	20XA-5351.PV	ON	CRITICAL FAULT	.Y								
C03	20US-5357.PV	ON	USERDEF_DIGIN1ACTIVE	..Y								
C04	20US-5358.PV	ON	USERDEF_DIGIN2ACTIVE	...Y								
C05	20US-5359.PV	ON	USERDEF_DIGIN3ACTIVE		Y							
C06	20US-5360.PV	ON	EMERGENCYSWITCHOFF		.Y							
C07	20XA-5352.PV	ON	DOU CAN FAULT		..Y							
C08	20XA-5353.PV	ON	MAINS FAULT		...Y							
C09	20US-5361.PV	ON	RECTIFIER WARNING			Y						
C10	20XA-5354.PV	ON	RECTIFIER FAULT			.Y						
C11	20XA-5355.PV	ON	BATTERY ALARM			..Y						
C12	20US-5362.PV	ON	INVERTER WARNING			...Y						
C13	20XA-5356.PV	ON	INVERTER FAULT				Y					
C14	20US-5363.PV	ON	SBS WARNING				.Y					
C15	20XA-5357.PV	ON	SBS FAULT				..Y					
C16	20US-5364.PV	ON	EQUALISING CHARGE				...Y					
C17	20US-5365.PV	ON	CHARGE					Y				
C18	20US-5366.PV	ON	TRICKLE CHARGE					.Y				
C19	20UA-5352.PV	ON	GENSET OPERATION					..Y				
C20	20XA-5358.PV	ON	BATT TEMP SENS FAULT					...Y				
C21	20TA-5351.PV	ON	BATTERY TEMP TOHIGH						Y			
C22	20XS-5351.PV	ON	CIRCUIT BREAKER						.Y			
C23	20US-5367.PV	ON	BATTERY WARNING						..Y			
C24	20US-5368.PV	ON	BATTERY LOW						...Y			
C25	20US-5369.PV	ON	OVERLOAD							Y		
C26	20XA-5359.PV	ON	FAN FAULT							.Y		
C27	20UA-5353.PV	ON	OVERLOAD							..Y		
C28	20US-5370.PV	ON	SHORT CIRCUIT							...Y		
C29	20US-5371.PV	ON	DC UNDER VOLTAGE								Y	
C30	20US-5372.PV	ON	DC OVER VOLTAGE								.Y	
C31											..Y	
C32											...Y	
A01	20UA-5351AN.PV	L	NON CRITICAL FAULT	Y								
A02	20XA-5351AN.PV	L	CRITICAL FAULT	.Y								
A03	20US-5357AN.PV	L	USERDEF_DIGIN1ACTIVE	..Y								
A04	20US-5358AN.PV	L	USERDEF_DIGIN2ACTIVE	...Y								
A05	20US-5359AN.PV	L	USERDEF_DIGIN3ACTIVE		Y							
A06	20US-5360AN.PV	L	EMERGENCYSWITCHOFF		.Y							
A07	20XA-5352AN.PV	L	DOU CAN FAULT		..Y							
A08	20XA-5353AN.PV	L	MAINS FAULT		...Y							
A09	20US-5361AN.PV	L	RECTIFIER WARNING			Y						
A10	20XA-5354AN.PV	L	RECTIFIER FAULT			.Y						
A11	20XA-5355AN.PV	L	BATTERY ALARM			..Y						
A12	20US-5362AN.PV	L	INVERTER WARNING			...Y						
A13	20XA-5356AN.PV	L	INVERTER FAULT				Y					
A14	20US-5363AN.PV	L	SBS WARNING				.Y					
A15	20XA-5357AN.PV	L	SBS FAULT				..Y					
A16	20US-5364AN.PV	L	EQUALISING CHARGE				...Y					
A17	20US-5365AN.PV	L	CHARGE					Y				
A18	20US-5366AN.PV	L	TRICKLE CHARGE					.Y				
A19	20UA-5352AN.PV	L	GENSET OPERATION					..Y				
A20	20XA-5358AN.PV	L	BATT TEMP SENS FAULT					...Y				
A21	20TA-5351AN.PV	L	BATTERY TEMP TOHIGH						Y			
A22	20XS-5351AN.PV	L	CIRCUIT BREAKER						.Y			
A23	20US-5367AN.PV	L	BATTERY WARNING						..Y			
A24	20US-5368AN.PV	L	BATTERY LOW						...Y			
A25	20US-5369AN.PV	L	OVERLOAD							Y		
A26	20XA-5359AN.PV	L	FAN FAULT							.Y		
A27	20UA-5353AN.PV	L	OVERLOAD							..Y		
A28	20US-5370AN.PV	L	SHORT CIRCUIT							...Y		
A29	20US-5371AN.PV	L	DC UNDER VOLTAGE								Y	
A30	20US-5372AN.PV	L	DC OVER VOLTAGE								.Y	
A31											..Y	
A32											...Y	
PREV			THEN									
NEXT			ELSE									

Tag Detail (FCS0101009-ST02 PAS B ALARM)

Basic

Tag Name	FCS0101009-ST02
Model Name	ST16
Tag Comment	PAS B ALARM
Lvl	4

Sequence Tables (FCS0101009-ST02 PAS B ALARM)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20XA-5360.PV	ON	POWER STACK OVERTEMP	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C02	20RDY5351.PV	ON	SBS READY	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C03	20XA-5361.PV	ON	SBS MAINS FAULT	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C04	20US-5373.PV	ON	SBSB LOCKED	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C05	20US-5374.PV	ON	RECTIFIER ON	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C06	20US-5375.PV	ON	INVERTER ON	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C07	20US-5376.PV	ON	SBS ON	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C08				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C09	20UA-5354.PV	ON	BATTERTY MCCB OPEN	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C10	20UA-5355.PV	ON	USERDEF_AUX2 – RECT	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C11	20UA-5356.PV	ON	USERDEF_AUX3 – RECT	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	
C12	20UA-5357.PV	ON	USERDEF_AUX4 – RECT	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	
C13	20UA-5358.PV	ON	USERDEF_AUX5 – RECT	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	
C14	20UA-5359.PV	ON	USERDEF_AUX6 – RECT	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	
C15	20UA-5360.PV	ON	USERDEF_AUX7– RECT	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	
C16	20UA-5361.PV	ON	BATTERTY MCCB OPEN	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	
C17	20UA-5362.PV	ON	USERDEF_AUX2 – INV	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	
C18	20UA-5363.PV	ON	USERDEF_AUX3 – INV	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	
C19	20UA-5364.PV	ON	USERDEF_AUX4 – INV	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	
C20	20UA-5365.PV	ON	USERDEF_AUX5 – INV	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	
C21	20UA-5366.PV	ON	USERDEF_AUX6 – INV	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
C22	20UA-5367.PV	ON	USERDEF_AUX7 – INV	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	
C23	20UA-5368.PV	ON	USERDEF_AUX1 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	
C24	20UA-5369.PV	ON	USERDEF_AUX2 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	
C25	20UA-5370.PV	ON	USERDEF_AUX3 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	
C26	20UA-5371.PV	ON	USERDEF_AUX4 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	
C27	20UA-5372.PV	ON	USERDEF_AUX5 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	
C28	20UA-5373.PV	ON	USERDEF_AUX6 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	
C29	20UA-5374.PV	ON	USERDEF_AUX7 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	
C30				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	
C31				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	
C32				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	
A01	20XA-5360AN.PV	L	POWER STACK OVERTEMP	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A02	20RDY5351AN.PV	L	SBS READY	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A03	20XA-5361AN.PV	L	SBS MAINS FAULT	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A04	20US-5373AN.PV	L	SBSB LOCKED	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A05	20US-5374AN.PV	L	RECTIFIER ON	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A06	20US-5375AN.PV	L	INVERTER ON	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A07	20US-5376AN.PV	L	SBS ON	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A08				. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A09	20UA-5354AN.PV	L	BATTERTY MCCB OPEN	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A10	20UA-5355AN.PV	L	USERDEF_AUX2 – RECT	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A11	20UA-5356AN.PV	L	USERDEF_AUX3 – RECT	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	
A12	20UA-5357AN.PV	L	USERDEF_AUX4 – RECT	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	
A13	20UA-5358AN.PV	L	USERDEF_AUX5 – RECT	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	
A14	20UA-5359AN.PV	L	USERDEF_AUX6 – RECT	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	
A15	20UA-5360AN.PV	L	USERDEF_AUX7– RECT	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	
A16	20UA-5361AN.PV	L	USERDEF_AUX1 – INV	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	
A17	20UA-5362AN.PV	L	USERDEF_AUX2 – INV	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	
A18	20UA-5363AN.PV	L	USERDEF_AUX3 – INV	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	
A19	20UA-5364AN.PV	L	USERDEF_AUX4 – INV	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	
A20	20UA-5365AN.PV	L	USERDEF_AUX5 – INV	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	
A21	20UA-5366AN.PV	L	USERDEF_AUX6 – INV	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
A22	20UA-5367AN.PV	L	USERDEF_AUX7 – INV	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	
A23	20UA-5368AN.PV	L	USERDEF_AUX1 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	
A24	20UA-5369AN.PV	L	USERDEF_AUX2 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	
A25	20UA-5370AN.PV	L	USERDEF_AUX3 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	
A26	20UA-5371AN.PV	L	USERDEF_AUX4 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	
A27	20UA-5372AN.PV	L	USERDEF_AUX5 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	
A28	20UA-5373AN.PV	L	USERDEF_AUX6 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	
A29	20UA-5374AN.PV	L	USERDEF_AUX7 – SBS	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	
A30				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	
A31				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	
A32				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	
	PREV		THEN	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
	NEXT		ELSE	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	

Tag Detail (FCS0101009-ST03 PAS B ALARM)

Basic

Tag Name	FCS0101009-ST03
Model Name	ST16
Tag Comment	PAS B ALARM
Lvl	4

Sequence Tables (FCS0101009-ST03 PAS B ALARM)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C02				. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C03				. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C04				. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C05				. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C06				. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C07				. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C08				. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C09				. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C10				. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C11				. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	
C12				. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	
C13	20US-5381.PV	ON	TEST NOT IMPLEMENTED	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	
C14	20US-5382.PV	ON	TEST IMPL WAITNG APPROVA	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	
C15	20US-5383.PV	ON	TEST APPROVED	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	
C16	20US-5384.PV	ON	TEST RUNNING	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	
C17	20US-5385.PV	ON	TEST SUCCESSFUL	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	
C18	20US-5386.PV	ON	TEST CANCELLED	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	
C19	20UA-5375.PV	ON	TEST WARNING	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	
C20	20XA-5365.PV	ON	TEST ERROR	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	
C21				. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
C22				. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	
C23	20US-5387.PV	ON	TEST NOT IMPLEMENTED	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	
C24	20US-5388.PV	ON	TEST IMPL WAITNG APPROVA	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	
C25	20US-5389.PV	ON	TEST APPROVED	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	
C26	20US-5390.PV	ON	TEST RUNNING	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	
C27	20US-5391.PV	ON	TEST SUCCESSFUL	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	
C28	20US-5392.PV	ON	TEST CANCELLED	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	
C29	20UA-5376.PV	ON	TEST WARNING	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	
C30	20XA-5366.PV	ON	TEST ERROR	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	
C31				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	
C32				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	
A01				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A02				. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A03				. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A04				. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A05				. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A06				. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A07				. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A08				. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A09				. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A10				. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A11				. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	
A12				. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	
A13	20US-5381AN.PV	L	TEST NOT IMPLEMENTED	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	
A14	20US-5382AN.PV	L		. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	
A15	20US-5383AN.PV	L	TEST APPROVED	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	
A16	20US-5384AN.PV	L	TEST RUNNING	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	
A17	20US-5385AN.PV	L	TEST SUCCESSFUL	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	
A18	20US-5386AN.PV	L	TEST CANCELLED	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	
A19	20UA-5375AN.PV	L	TEST WARNING	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	
A20	20XA-5365AN.PV	L	TEST ERROR	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	
A21				. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
A22				. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	
A23	20US-5387AN.PV	L	TEST NOT IMPLEMENTED	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	
A24	20US-5388AN.PV	L		. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	
A25	20US-5389AN.PV	L	TEST APPROVED	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	
A26	20US-5390AN.PV	L	TEST RUNNING	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	
A27	20US-5391AN.PV	L	TEST SUCCESSFUL	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	
A28	20US-5392AN.PV	L	TEST CANCELLED	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	
A29	20UA-5376AN.PV	L	TEST WARNING	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	
A30	20XA-5366AN.PV	L	TEST ERROR	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	
A31				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	
A32				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	
PREV			THEN	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
NEXT			ELSE	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	

Tag Detail (FCS0101009-ST04 FGS B ALARM)

Basic

Tag Name	FCS0101009-ST04
Model Name	ST16
Tag Comment	FGS B ALARM
Lvl	4

Sequence Tables (FCS0101009-ST04 FGS B ALARM)

Start Timing — Periodic Execution Type(T)
Output Timing — Output Each Time Conditions are Satisfied(E)
Scan Period — Basic Scan
Control Period — 1
Control Phase — 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20UA-5451.PV	ON	NONCRITICAL FAULT	Y								
C02	20XA-5451.PV	ON	CRITICAL FAULT	.Y								
C03	20US-5457.PV	ON	USERDEF_DIGIN1ACTIVE	..Y								
C04	20US-5458.PV	ON	USERDEF_DIGIN2ACTIVE	...Y								
C05	20US-5459.PV	ON	USERDEF_DIGIN3ACTIVE		Y							
C06	20US-5460.PV	ON	EMERGENCYSWITCHOFF		.Y							
C07	20XA-5452.PV	ON	DOUCAN FAULT		..Y							
C08	20XA-5453.PV	ON	MAINS FAULT		...Y							
C09	20US-5461.PV	ON	RECTIFIER WARNING			Y						
C10	20XA-5454.PV	ON	RECTIFIER FAULT			.Y						
C11	20XA-5455.PV	ON	BATTERY ALARM			..Y						
C12	20US-5462.PV	ON	INVERTER WARNING			...Y						
C13	20XA-5456.PV	ON	INVERTER FAULT				Y					
C14	20US-5463.PV	ON	SBS WARNING				.Y					
C15	20XA-5457.PV	ON	SBS FAULT				..Y					
C16	20US-5464.PV	ON	EQUALISING CHARGE				...Y					
C17	20UA-5477.PV	ON	CHARGE					Y				
C18	20UA-5478.PV	ON	TRICKLE CHARGE					.Y				
C19	20UA-5452.PV	ON	GEN SET OPERATION					..Y				
C20	20XA-5458.PV	ON	BATTT EMP SENS FAULT					...Y				
C21	20TA-5451.PV	ON	BATTERY TEMP TO HIGH						Y			
C22	20XS-5451.PV	ON	CIRCUIT BREAKER						.Y			
C23	20US-5467.PV	ON	BATTERY WARNING						..Y			
C24	20US-5468.PV	ON	BATTERY LOW						...Y			
C25	20US-5469.PV	ON	OVERLOAD							Y		
C26	20XA-5459.PV	ON	FAN FAULT							.Y		
C27	20UA-5453.PV	ON	OVERLOAD							..Y		
C28	20US-5470.PV	ON	SHORT CIRCUIT							...Y		
C29	20US-5471.PV	ON	DC UNDER VOLTAGE								Y	
C30	20US-5472.PV	ON	DC OVER VOLTAGE								.Y	
C31											..Y	
C32											...Y	
A01	20UA-5451AN.PV	L	NON CRITICAL FAULT	Y								
A02	20XA-5451AN.PV	L	CRITICAL FAULT	.Y								
A03	20US-5457AN.PV	L	USERDEF_DIGIN1ACTIVE	..Y								
A04	20US-5458AN.PV	L	USERDEF_DIGIN2ACTIVE	...Y								
A05	20US-5459AN.PV	L	USERDEF_DIGIN3ACTIVE		Y							
A06	20US-5460AN.PV	L	EMERGENCYSWITCHOFF		.Y							
A07	20XA-5452AN.PV	L	DOU CAN FAULT		..Y							
A08	20XA-5453AN.PV	L	MAINS FAULT		...Y							
A09	20US-5461AN.PV	L	RECTIFIER WARNING			Y						
A10	20XA-5454AN.PV	L	RECTIFIER FAULT			.Y						
A11	20XA-5455AN.PV	L	BATTERY ALARM			..Y						
A12	20US-5462AN.PV	L	INVERTER WARNING			...Y						
A13	20XA-5456AN.PV	L	INVERTER FAULT				Y					
A14	20US-5463AN.PV	L	SBS WARNING				.Y					
A15	20XA-5457AN.PV	L	SBS FAULT				..Y					
A16	20US-5464AN.PV	L	EQUALISING CHARGE				...Y					
A17	20UA-5477AN.PV	L	CHARGE					Y				
A18	20UA-5478AN.PV	L	TRICKLE CHARGE					.Y				
A19	20UA-5452AN.PV	L	GENSET OPERATION					..Y				
A20	20XA-5458AN.PV	L	BATT TEMP SENS FAULT					...Y				
A21	20TA-5451AN.PV	L	BATTERY TEMP TOHIGH						Y			
A22	20XS-5451AN.PV	L	CIRCUIT BREAKER						.Y			
A23	20US-5467AN.PV	L	BATTERY WARNING						..Y			
A24	20US-5468AN.PV	L	BATTERY LOW						...Y			
A25	20US-5469AN.PV	L	OVERLOAD							Y		
A26	20XA-5459AN.PV	L	FAN FAULT							.Y		
A27	20UA-5453AN.PV	L	OVERLOAD							..Y		
A28	20US-5470AN.PV	L	SHORT CIRCUIT							...Y		
A29	20US-5471AN.PV	L	DC UNDER VOLTAGE								Y	
A30	20US-5472AN.PV	L	DC OVER VOLTAGE								.Y	
A31											..Y	
A32											...Y	
PREV			THEN									
NEXT			ELSE									

Tag Detail (FCS0101009-ST05 FGS B ALARM)

Basic

Tag Name	FCS0101009-ST05
Model Name	ST16
Tag Comment	FGS B ALARM
Lvl	4

Sequence Tables (FCS0101009-ST05 FGS B ALARM)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20XA-5460.PV	ON	POWER STACK OVERTEMP	Y								
C02	20RDY5451.PV	ON	SBSREADY	.Y								
C03	20XA-5461.PV	ON	SBSMAINS FAULT	..Y								
C04	20US-5473.PV	ON	SBSBLOCKED	...Y								
C05	20US-5474.PV	ON	RECTIFIERON		Y							
C06	20US-5475.PV	ON	INVERTERON		.Y							
C07	20US-5476.PV	ON	SBS ON		..Y							
C08												
C09	20UA-5454.PV	ON	BATTERTY MCCB OPEN			Y						
C10	20UA-5455.PV	ON	USERDEF_AUX2 – RECT			.Y						
C11	20UA-5456.PV	ON	USERDEF_AUX3 – RECT			..Y						
C12	20UA-5457.PV	ON	USERDEF_AUX4 – RECT			...Y						
C13	20UA-5458.PV	ON	USERDEF_AUX5 – RECT				Y					
C14	20UA-5459.PV	ON	USERDEF_AUX6 – RECT				.Y					
C15	20UA-5460.PV	ON	USERDEF_AUX7– RECT				..Y					
C16	20UA-5461.PV	ON	BATTERTY MCCB OPEN				...Y					
C17	20UA-5462.PV	ON	USERDEF_AUX2 – INV					Y				
C18	20UA-5463.PV	ON	USERDEF_AUX3 – INV					.Y				
C19	20UA-5464.PV	ON	USERDEF_AUX4 – INV					..Y				
C20	20UA-5465.PV	ON	USERDEF_AUX5 – INV					...Y				
C21	20UA-5466.PV	ON	USERDEF_AUX6 – INV						Y			
C22	20UA-5467.PV	ON	USERDEF_AUX7 – INV						.Y			
C23	20UA-5468.PV	ON	USERDEF_AUX1 – SBS						..Y			
C24	20UA-5469.PV	ON	USERDEF_AUX2 – SBS						...Y			
C25	20UA-5470.PV	ON	USERDEF_AUX3 – SBS							Y		
C26	20UA-5471.PV	ON	USERDEF_AUX4 – SBS							.Y		
C27	20UA-5472.PV	ON	USERDEF_AUX5 – SBS							..Y		
C28	20UA-5473.PV	ON	USERDEF_AUX6 – SBS							...Y		
C29	20UA-5474.PV	ON	USERDEF_AUX7 – SBS								Y	
C30											.Y	
C31											..Y	
C32											...Y	
A01	20XA-5460AN.PV	L	POWER STACK OVERTEMP	Y								
A02	20RDY5451AN.PV	L	SBS READY	.Y								
A03	20XA-5461AN.PV	L	SBS MAINS FAULT	..Y								
A04	20US-5473AN.PV	L	SBSB LOCKED	...Y								
A05	20US-5474AN.PV	L	RECTIFIER ON		Y							
A06	20US-5475AN.PV	L	INVERTER ON		.Y							
A07	20US-5476AN.PV	L	SBS ON		..Y							
A08												
A09	20UA-5454AN.PV	L	USERDEF_AUX1 – RECT			Y						
A10	20UA-5455AN.PV	L	USERDEF_AUX2 – RECT			.Y						
A11	20UA-5456AN.PV	L	USERDEF_AUX3 – RECT			..Y						
A12	20UA-5457AN.PV	L	USERDEF_AUX4 – RECT			...Y						
A13	20UA-5458AN.PV	L	USERDEF_AUX5 – RECT				Y					
A14	20UA-5459AN.PV	L	USERDEF_AUX6 – RECT				.Y					
A15	20UA-5460AN.PV	L	USERDEF_AUX7– RECT				..Y					
A16	20UA-5461AN.PV	L	USERDEF_AUX1 – INV				...Y					
A17	20UA-5462AN.PV	L	USERDEF_AUX2 – INV					Y				
A18	20UA-5463AN.PV	L	USERDEF_AUX3 – INV					.Y				
A19	20UA-5464AN.PV	L	USERDEF_AUX4 – INV					..Y				
A20	20UA-5465AN.PV	L	USERDEF_AUX5 – INV					...Y				
A21	20UA-5466AN.PV	L	USERDEF_AUX6 – INV						Y			
A22	20UA-5467AN.PV	L	USERDEF_AUX7 – INV						.Y			
A23	20UA-5468AN.PV	L	USERDEF_AUX1 – SBS						..Y			
A24	20UA-5469AN.PV	L	USERDEF_AUX2 – SBS						...Y			
A25	20UA-5470AN.PV	L	USERDEF_AUX3 – SBS							Y		
A26	20UA-5471AN.PV	L	USERDEF_AUX4 – SBS							.Y		
A27	20UA-5472AN.PV	L	USERDEF_AUX5 – SBS							..Y		
A28	20UA-5473AN.PV	L	USERDEF_AUX6 – SBS							...Y		
A29	20UA-5474AN.PV	L	USERDEF_AUX7 – SBS								Y	
A30											.Y	
A31											..Y	
A32											...Y	
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (FCS0101009-ST06 FGS B ALARM)

Basic

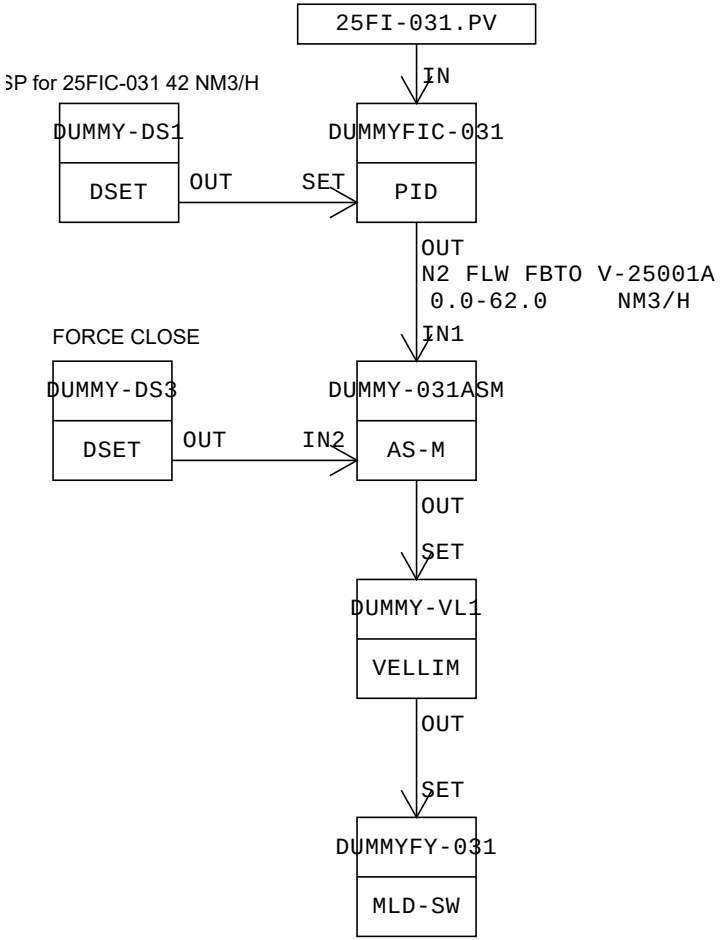
Tag Name	FCS0101009-ST06
Model Name	ST16
Tag Comment	FGS B ALARM
Lvl	4

Sequence Tables (FCS0101009-ST06 FGS B ALARM)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C02				. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C03				. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C04				. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C05				. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C06				. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C07				. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C08				. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C09				. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C10				. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C11				. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	
C12				. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	
C13				. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	
C14	20US-5481.PV	ON	TEST NOT IMPLEMENTED	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	
C15	20US-5482.PV	ON	TEST IMPL WAITNG APPROVA	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	
C16	20US-5483.PV	ON	TEST APPROVED	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	
C17	20US-5484.PV	ON	TEST RUNNING	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	
C18	20US-5485.PV	ON	TEST SUCCESSFUL	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	
C19	20US-5486.PV	ON	TEST CANCELLED	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	
C20	20UA-5475.PV	ON	TEST WARNING	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	
C21	20XA-5465.PV	ON	TEST ERROR	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
C22				. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	
C23				. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	
C24	20US-5487.PV	ON	TEST NOT IMPLEMENTED	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	
C25	20US-5488.PV	ON	TEST IMPL WAITING FOR AP	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	
C26	20US-5489.PV	ON	TEST APPROVED	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	
C27	20US-5490.PV	ON	TEST RUNNING	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	
C28	20US-5491.PV	ON	TEST SUCCESSFUL	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	
C29	20US-5492.PV	ON	TEST CANCELLED	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	
C30	20UA-5476.PV	ON	TEST WARNING	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	
C31	20XA-5466.PV	ON	TEST ERROR	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	
C32				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	
A01				Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A02				. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A03				. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A04				. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A05				. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A06				. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A07				. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A08				. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A09				. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A10				. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A11				. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	. . . .	
A12				. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	. . . .	
A13				. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	. . . .	
A14	20US-5481AN.PV	L	TEST NOT IMPLEMENTED	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	. . . .	
A15	20US-5482AN.PV	L		. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	. . . .	
A16	20US-5483AN.PV	L	TEST APPROVED	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	. . . .	
A17	20US-5484AN.PV	L	TEST RUNNING	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	. . . .	
A18	20US-5485AN.PV	L	TEST SUCCESSFUL	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	. . . .	
A19	20US-5486AN.PV	L	TEST CANCELLED	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	. . . .	
A20	20UA-5475AN.PV	L	TEST WARNING	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	. . . .	
A21	20XA-5465AN.PV	L	TEST ERROR	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	. . . .	
A22				. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	. . . .	
A23				. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	. . . .	
A24	20US-5487AN.PV	L	TEST NOT IMPLEMENTED	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	. . . .	
A25	20US-5488AN.PV	L		. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	. . . .	
A26	20US-5489AN.PV	L	TEST APPROVED	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	. . . .	
A27	20US-5490AN.PV	L	TEST RUNNING	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	. . . .	
A28	20US-5491AN.PV	L	TEST SUCCESSFUL	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	. . . .	
A29	20US-5492AN.PV	L	TEST CANCELLED	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	Y . . .	
A30	20UA-5476AN.PV	L	TEST WARNING	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. Y . .	
A31	20XA-5466AN.PV	L	TEST ERROR	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . Y .	
A32				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . Y	
	PREV		THEN	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
	NEXT		ELSE	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	

PROJECT:	BLPH-CW1	FILE NAME:	DR0014.edf	SHEET:		YOKOGAWA	PAGE:3-25-7-1
STATION:	FCS0101	SAVED DATE:	6/30/2025 1:11:02 AM	COMMENT:			
SECTION:	DR0014	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0014.edf	SHEET:		YOKOGAWA	PAGE:3-25-7-2
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SECTION:	DR0014	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:

No.	Tag Name	Model Name	Tag Comment		Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection			Set Value Input Connection Information		Lvl			
001	DUMMY-DS1	DSET	SET POINT	25FIC-031	0	62.0	NM3/H			
		DUMMYFIC-031.SET					4			
002	DUMMYFIC-031	PID	N2 FLW FBTO	V-25001A	0.0	62.0	NM3/H	No	No	25FI-031.PV
		DUMMY-031ASM.IN1			DUMMY-DS1.OUT		3			
003	DUMMY-DS3	DSET	FOCE CLOSE	25FIC-031	0.0	100.0	(None)			
		DUMMY-031ASM.IN2					4			
004	DUMMY-031ASM	AS-M	V-25001A SELECTOR		0.0	100.0	%			
		DUMMY-VL1.SET					4			
005	DUMMY-VL1	VELLIM	N2 FLW FBTO	V-25001A	0	0	%			
		DUMMYFY-031.SET			DUMMY-031ASM.OUT		4			
006	DUMMYFY-031	MLD-SW	N2 CMD TO	V-25001A	0	0	%			
					DUMMY-VL1.OUT		3			

Tag Detail (DUMMY-DS1 SET POINT 25FIC-031)

Basic

Tag Name	DUMMY-DS1
Model Name	DSET
Tag Comment	SET POINT 25FIC-031
Lvl	4
Scan Period	Basic Scan

Tag Detail (DUMMYFIC-031 N2 FLW FBTO V-25001A)

Basic

Tag Name	DUMMYFIC-031
Model Name	PID
Tag Comment	N2 FLW FBTO V-25001A
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Reverse
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (DUMMY-DS3 FOCE CLOSE 25FIC-031)

Basic

Tag Name	DUMMY-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25FIC-031
Lvl	4
Scan Period	Basic Scan

Tag Detail (DUMMY-031ASM V-25001A SELECTOR)

Basic

Tag Name	DUMMY-031ASM
Model Name	AS-M
Tag Comment	V-25001A SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	DUMMYFIC-031.OUT
Signal Input 2(IN2)	DUMMY-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	DUMMY-VL1.SET
Interlock Switch Input(INT)	

Tag Detail (DUMMY-VL1 N2 FLW FBTO V-25001A)

Basic

Tag Name	DUMMY-VL1
Model Name	VELLIM
Tag Comment	N2 FLW FBTO V-25001A
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (DUMMYFY-031 N2 CMD TO V-25001A)

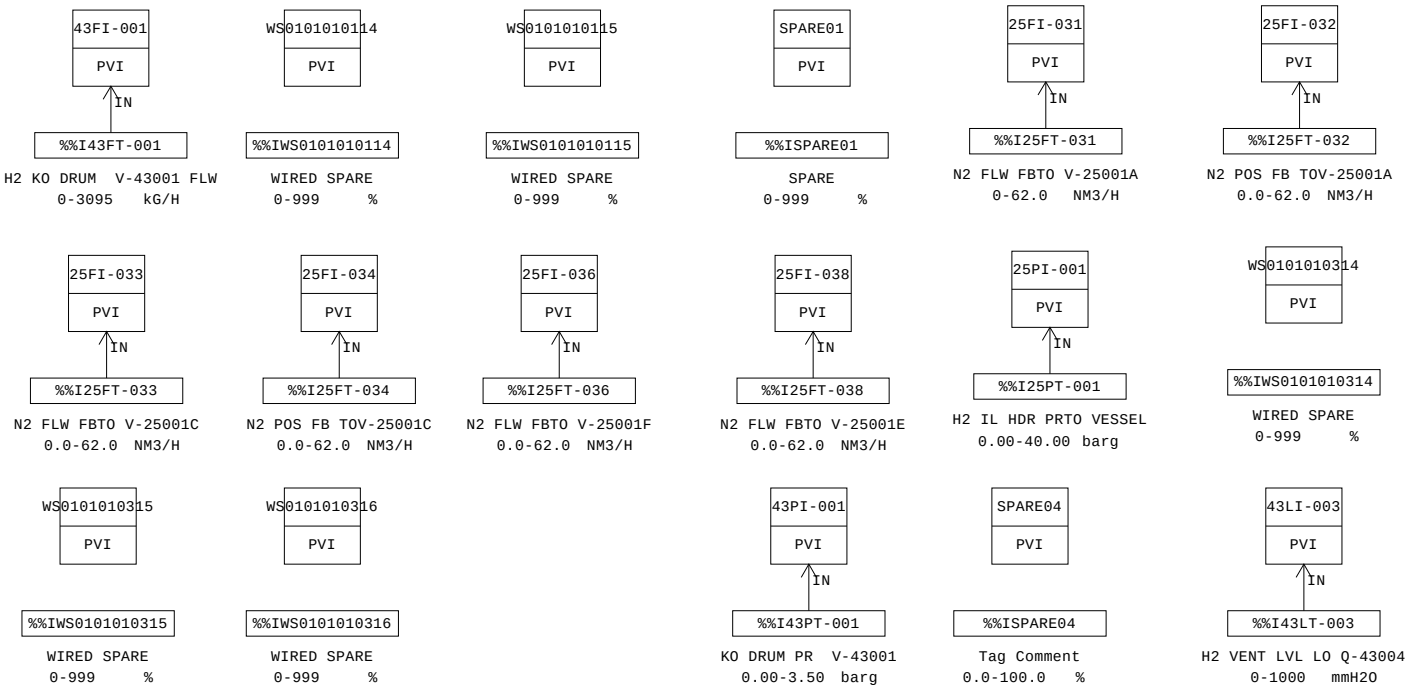
Basic

Tag Name	DUMMYFY-031
Model Name	MLD-SW

Tag Comment	N2 CMD TO V-25001A
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

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SECTION:	DR0021	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0021 | BLPH-CW | TYP001 | PVI INDICATOR]



PROJECT:	BLPH-CW1	FILE NAME:	DR0021.edf	SHEET:		YOKOGAWA	PAGE:3-25-8-2
STATION:	FCS0101	SAVED DATE:	6/13/2025 5:14:39 AM	COMMENT:	PVI INDICATOR		
SECTION:	DR0021	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:PVI INDICATOR

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	25FI-031	PVI	N2 FLW FBTO V-25001A	0	62.0	NM3/H	No	Second	%%I25FT-031
						4			
002	25FI-032	PVI	N2 POS FB TOV-25001A	0.0	62.0	NM3/H	No	Second	%%I25FT-032
						4			
003	25PI-001	PVI	H2 IL HDR PRTO VESSEL	0.00	40.00	barg	No	No	%%I25PT-001
						4			
004	SPARE04	PVI		0.0	100.0	%	No	No	
						4			
005	WS0101010114	PVI	WIRED SPARE	0	999	%	No	No	
						4			
006	WS0101010115	PVI	WIRED SPARE	0	999	%	No	No	
						4			
007	SPARE01	PVI	SPARE	0	999	%	No	No	
						4			
008	25FI-033	PVI	N2 FLW FBTO V-25001C	0.0	62.0	NM3/H	No	Second	%%I25FT-033
						4			
009	25FI-034	PVI	N2 POS FB TOV-25001C	0.0	62.0	NM3/H	No	Second	%%I25FT-034
						4			
010	43FI-001	PVI	H2 KO DRUM V-43001 FLW	0	3095	kG/H	No	No	%%I43FT-001
						4			
011	25FI-036	PVI	N2 FLW FBTO V-25001F	0.0	62.0	NM3/H	No	Second	%%I25FT-036
						4			
012	25FI-038	PVI	N2 FLW FBTO V-25001E	0.0	62.0	NM3/H	No	Second	%%I25FT-038
						4			
013	WS0101010315	PVI	WIRED SPARE	0	999	%	No	No	
						4			
014	WS0101010314	PVI	WIRED SPARE	0	999	%	No	No	
						4			
015	43PI-001	PVI	KO DRUM PR V-43001	0.00	3.50	barg	No	No	%%I43PT-001
						4			
016	43LI-003	PVI	H2 VENT LVL LO Q-43004	0	1000	mmH2O	No	No	%%I43LT-003
						4			
017	WS0101010316	PVI	WIRED SPARE	0	999	%	No	No	
						4			

Tag Detail (25FI-031 N2 FLW FBTO V-25001A)

Basic

Tag Name	25FI-031
Model Name	PVI
Tag Comment	N2 FLW FBTO V-25001A
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	Second
Totalizer Low-Input Cut Value	0%

Tag Detail (25FI-032 N2 POS FB TOV-25001A)

Basic

Tag Name	25FI-032
Model Name	PVI
Tag Comment	N2 POS FB TOV-25001A
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	Second
Totalizer Low-Input Cut Value	0%

Tag Detail (25PI-001 H2 IL HDR PRTO VESSEL)

Basic

Tag Name	25PI-001
Model Name	PVI
Tag Comment	H2 IL HDR PRTO VESSEL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE04)

Basic

Tag Name	SPARE04
Model Name	PVI
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (WS0101010114 WIRED SPARE)

Basic

Tag Name	WS0101010114
Model Name	PVI
Tag Comment	WIRED SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (WS0101010115 WIRED SPARE)

Basic

Tag Name	WS0101010115
Model Name	PVI
Tag Comment	WIRED SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE01 SPARE)

Basic

Tag Name	SPARE01
Model Name	PVI
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25FI-033 N2 FLW FBTO V-25001C)

Basic

Tag Name	25FI-033
Model Name	PVI
Tag Comment	N2 FLW FBTO V-25001C
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	Second
Totalizer Low-Input Cut Value	0%

Tag Detail (25FI-034 N2 POS FB TOV-25001C)

Basic

Tag Name	25FI-034
Model Name	PVI
Tag Comment	N2 POS FB TOV-25001C
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	Second
Totalizer Low-Input Cut Value	0%

Tag Detail (43FI-001 H2 KO DRUM V-43001 FLW)

Basic

Tag Name	43FI-001
Model Name	PVI
Tag Comment	H2 KO DRUM V-43001 FLW
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25FI-036 N2 FLW FBTO V-25001F)

Basic

Tag Name	25FI-036
Model Name	PVI
Tag Comment	N2 FLW FBTO V-25001F
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	Second
Totalizer Low-Input Cut Value	0%

Tag Detail (25FI-038 N2 FLW FBTO V-25001E)

Basic

Tag Name	25FI-038
Model Name	PVI
Tag Comment	N2 FLW FBTO V-25001E
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	Second
Totalizer Low-Input Cut Value	0%

Tag Detail (WS0101010315 WIRED SPARE)

Basic

Tag Name	WS0101010315
Model Name	PVI
Tag Comment	WIRED SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (WS0101010314 WIRED SPARE)

Basic

Tag Name	WS0101010314
Model Name	PVI
Tag Comment	WIRED SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (43PI-001 KO DRUM PR V-43001)

Basic

Tag Name	43PI-001
Model Name	PVI
Tag Comment	KO DRUM PR V-43001
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (43LI-003 H2 VENT LVL LO Q-43004)

Basic

Tag Name	43LI-003
Model Name	PVI
Tag Comment	H2 VENT LVL LO Q-43004
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

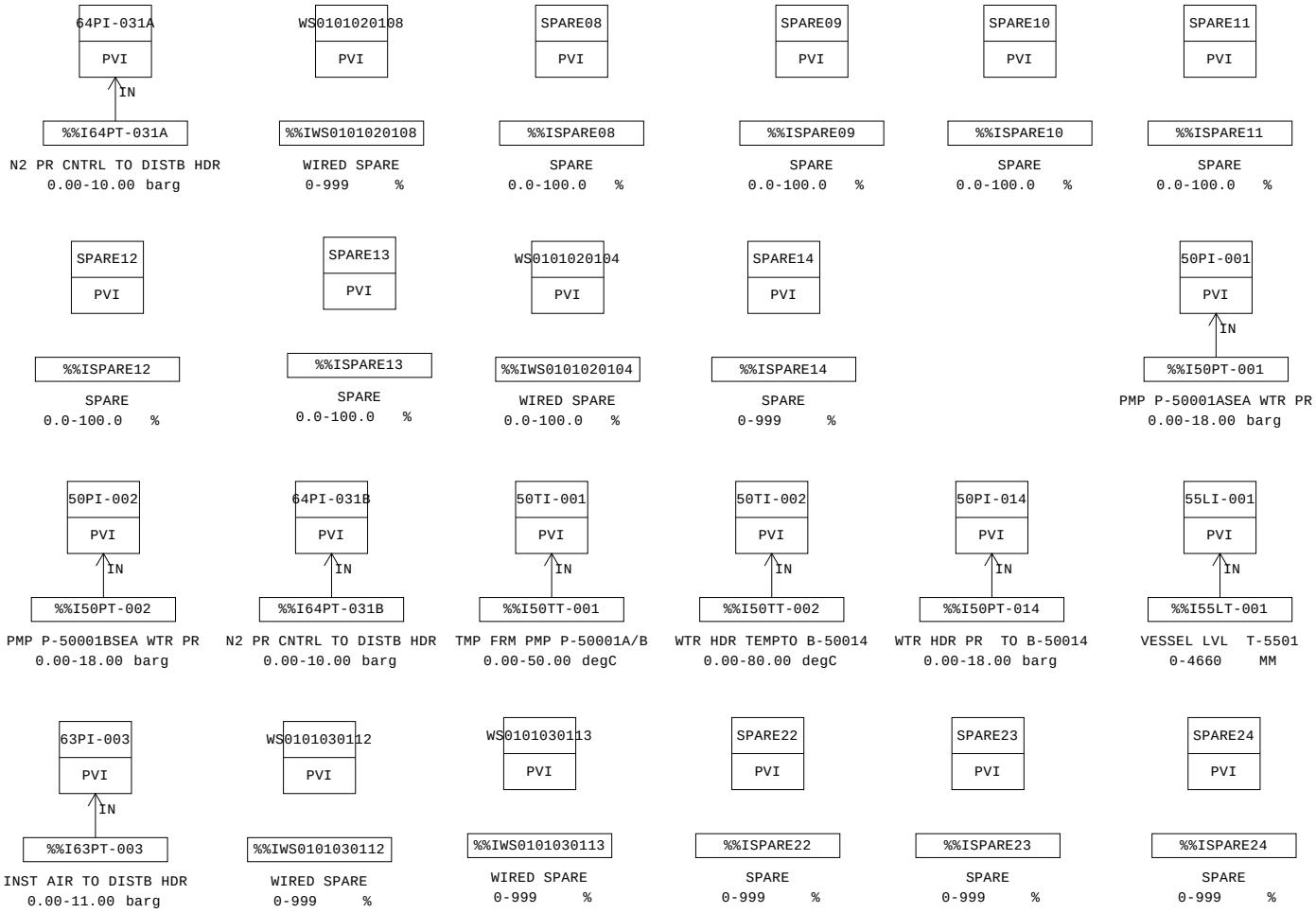
Tag Detail (WS0101010316 WIRED SPARE)

Basic

Tag Name	WS0101010316
Model Name	PVI
Tag Comment	WIRED SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0022.edf	SHEET:		YOKOGAWA	PAGE:3-25-9-1
STATION:	FCS0101	SAVED DATE:	4/28/2025 8:54:27 AM	COMMENT:	PVI INDICATOR		
SECTION:	DR0022	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0022 | BLPH-CW | TYP001 | PVI INDICATOR]



PROJECT:	BLPH-CW1	FILE NAME:	DR0022.edf	SHEET:		YOKOGAWA	PAGE:3-25-9-2
STATION:	FCS0101	SAVED DATE:	4/28/2025 8:54:27 AM	COMMENT:	PVI INDICATOR		
SECTION:	DR0022	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:PVI INDICATOR

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	50PI-001	PVI	PMP P-50001ASEA WTR PR	0.00	18.00	barg	No	No	%%I50PT-001
						4			
002	50TI-001	PVI	TMP FRM PMP P-50001A/B	0.00	50.00	degC	No	No	%%I50TT-001
						4			
003	50PI-002	PVI	PMP P-50001BSEA WTR PR	0.00	18.00	barg	No	No	%%I50PT-002
						4			
004	50PI-014	PVI	WTR HDR PR TO B-50014	0.00	18.00	barg	No	No	%%I50PT-014
						4			
005	50TI-002	PVI	WTR HDR TEMPTO B-50014	0.00	80.00	degC	No	No	%%I50TT-002
						4			
006	55LI-001	PVI	VESSEL LVL T-5501	0	4660	MM	No	No	%%I55LT-001
						4			
007	WS0101020108	PVI	WIRED SPARE	0	999	%	No	No	
						4			
008	64PI-031A	PVI	N2 PR CNTRL TO DISTB HDR	0.00	10.00	barg	No	No	%%I64PT-031A
						4			
009	SPARE08	PVI	SPARE	0.0	100.0	%	No	No	
						4			
010	WS0101020104	PVI	WIRED SPARE	0.0	100.0	%	No	No	
						4			
011	SPARE14	PVI	SPARE	0	999	%	No	No	
						4			
012	64PI-031B	PVI	N2 PR CNTRL TO DISTB HDR	0.00	10.00	barg	No	No	%%I64PT-031B
						4			
013	63PI-003	PVI	INST AIR TO DISTB HDR	0.00	11.00	barg	No	No	%%I63PT-003
						4			
014	WS0101030112	PVI	WIRED SPARE	0	999	%	No	No	
						4			
015	WS0101030113	PVI	WIRED SPARE	0	999	%	No	No	
						4			
016	SPARE22	PVI	SPARE	0	999	%	No	No	
						4			
017	SPARE23	PVI	SPARE	0	999	%	No	No	
						4			
018	SPARE24	PVI	SPARE	0	999	%	No	No	
						4			
019	SPARE09	PVI	SPARE	0.0	100.0	%	No	No	
						4			
020	SPARE10	PVI	SPARE	0.0	100.0	%	No	No	
						4			
021	SPARE11	PVI	SPARE	0.0	100.0	%	No	No	
						4			
022	SPARE13	PVI	SPARE	0.0	100.0	%	No	No	
						4			
023	SPARE12	PVI	SPARE	0.0	100.0	%	No	No	
						4			

Tag Detail (50PI-001 PMP P-50001ASEA WTR PR)

Basic

Tag Name	50PI-001
Model Name	PVI
Tag Comment	PMP P-50001ASEA WTR PR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50TI-001 TMP FRM PMP P-50001A/B)

Basic

Tag Name	50TI-001
Model Name	PVI
Tag Comment	TMP FRM PMP P-50001A/B
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PI-002 PMP P-50001BSEA WTR PR)

Basic

Tag Name	50PI-002
Model Name	PVI
Tag Comment	PMP P-50001BSEA WTR PR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PI-014 WTR HDR PR TO B-50014)

Basic

Tag Name	50PI-014
Model Name	PVI
Tag Comment	WTR HDR PR TO B-50014
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50TI-002 WTR HDR TEMPTO B-50014)

Basic

Tag Name	50TI-002
Model Name	PVI
Tag Comment	WTR HDR TEMPTO B-50014
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (55LI-001 VESSEL LVL T-5501)

Basic

Tag Name	55LI-001
Model Name	PVI
Tag Comment	VESSEL LVL T-5501
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (WS0101020108 WIRED SPARE)

Basic

Tag Name	WS0101020108
Model Name	PVI
Tag Comment	WIRED SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64PI-031A N2 PR CNTRL TO DISTB HDR)

Basic

Tag Name	64PI-031A
Model Name	PVI
Tag Comment	N2 PR CNTRL TO DISTB HDR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE08 SPARE)

Basic

Tag Name	SPARE08
Model Name	PVI
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (WS0101020104 WIRED SPARE)

Basic

Tag Name	WS0101020104
Model Name	PVI
Tag Comment	WIRED SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE14 SPARE)

Basic

Tag Name	SPARE14
Model Name	PVI
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64PI-031B N2 PR CNTRL TO DISTB HDR)

Basic

Tag Name	64PI-031B
Model Name	PVI
Tag Comment	N2 PR CNTRL TO DISTB HDR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63PI-003 INST AIR TO DISTB HDR)

Basic

Tag Name	63PI-003
Model Name	PVI
Tag Comment	INST AIR TO DISTB HDR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (WS0101030112 WIRED SPARE)

Basic

Tag Name	WS0101030112
Model Name	PVI
Tag Comment	WIRED SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (WS0101030113 WIRED SPARE)

Basic

Tag Name	WS0101030113
Model Name	PVI
Tag Comment	WIRED SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE22 SPARE)

Basic

Tag Name	SPARE22
Model Name	PVI
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE23 SPARE)

Basic

Tag Name	SPARE23
Model Name	PVI
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE24 SPARE)

Basic

Tag Name	SPARE24
Model Name	PVI
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE09 SPARE)

Basic

Tag Name	SPARE09
Model Name	PVI
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE10 SPARE)

Basic

Tag Name	SPARE10
Model Name	PVI
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE11 SPARE)

Basic

Tag Name	SPARE11
Model Name	PVI
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE13 SPARE)

Basic

Tag Name	SPARE13
Model Name	PVI
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (SPARE12 SPARE)

Basic

Tag Name	SPARE12
Model Name	PVI
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

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SECTION:	DR0024	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0022 | BLPH-CW | TYP001 | ANALOG OUTPUT]

SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
SPARE02	SPARE03	SPARE15	SPARE16	SPARE17	SPARE18	SPARE19	SPARE20
MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD
%%OSPARE02	%%OSPARE03	%%OSPARE15	%%OSPARE16	%%OSPARE17	%%OSPARE18	%%OSPARE19	%%OSPARE20
0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0
WIRED SPARE	WIRED SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
WS0101030309	WS0101030310	SPARE25	SPARE26	SPARE27	SPARE28	SPARE29	SPARE30
MLD	MLD	MLD	MLD	MLD	MLD	MLD	MLD
%%OWS0101030309	%%OWS0101030310	%%OSPARE25	%%OSPARE26	%%OSPARE27	%%OSPARE28	%%OSPARE29	%%OSPARE30
0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0

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Function Block Overview Definition

Comment:ANALOG OUTPUT

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	SPARE15	MLD	SPARE	0	0	4			
002	SPARE16	MLD	SPARE	0	0	4			
003	SPARE17	MLD	SPARE	0	0	4			
004	SPARE18	MLD	SPARE	0	0	4			
005	SPARE19	MLD	SPARE	0	0	4			
006	SPARE20	MLD	SPARE	0	0	4			
007	WS0101030309	MLD	WIRED SPARE	0	0	4			
008	WS0101030310	MLD	WIRED SPARE	0	0	4			
009	SPARE25	MLD	SPARE	0	0	4			
010	SPARE26	MLD	SPARE	0	0	4			
011	SPARE27	MLD	SPARE	0	0	4			
012	SPARE28	MLD	SPARE	0	0	4			
013	SPARE29	MLD	SPARE	0	0	4			
014	SPARE30	MLD	SPARE	0	0	4			
015	SPARE02	MLD	SPARE	0	0	4			
016	SPARE03	MLD	SPARE	0	0	4			

Tag Detail (SPARE15 SPARE)

Basic

Tag Name	SPARE15
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE16 SPARE)

Basic

Tag Name	SPARE16
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE17 SPARE)

Basic

Tag Name	SPARE17
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE18 SPARE)

Basic

Tag Name	SPARE18
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE19 SPARE)

Basic

Tag Name	SPARE19
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE20 SPARE)

Basic

Tag Name	SPARE20
Model Name	MLD

Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (WS0101030309 WIRED SPARE)

Basic

Tag Name	WS0101030309
Model Name	MLD
Tag Comment	WIRED SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (WS0101030310 WIRED SPARE)

Basic

Tag Name	WS0101030310
Model Name	MLD
Tag Comment	WIRED SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE25 SPARE)

Basic

Tag Name	SPARE25
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE26 SPARE)

Basic

Tag Name	SPARE26
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE27 SPARE)

Basic

Tag Name	SPARE27
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	

Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE28 SPARE)

Basic

Tag Name	SPARE28
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE29 SPARE)

Basic

Tag Name	SPARE29
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE30 SPARE)

Basic

Tag Name	SPARE30
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (SPARE02 SPARE)

Basic

Tag Name	SPARE02
Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

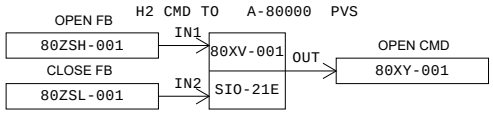
Tag Detail (SPARE03 SPARE)

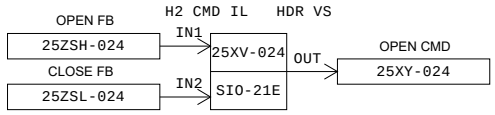
Basic

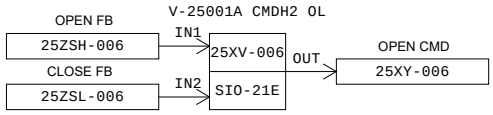
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Model Name	MLD
Tag Comment	SPARE
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

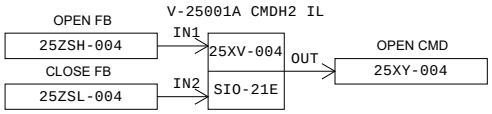
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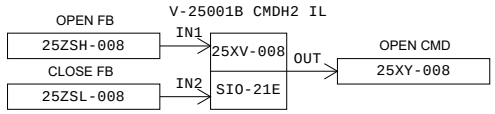
[FCS0101 | DR0031 | BLPH-CW | TYP003 | ON/OFF VALVES]

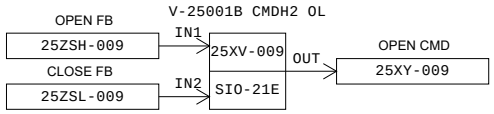


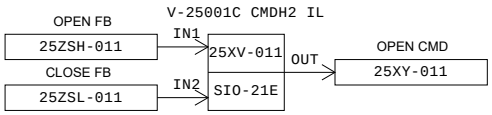


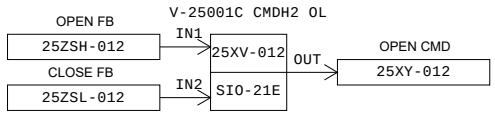


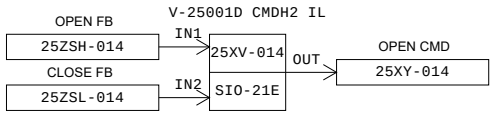


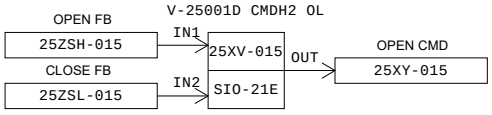


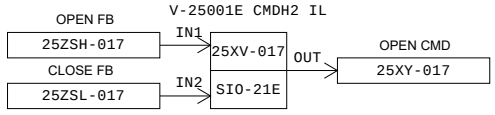


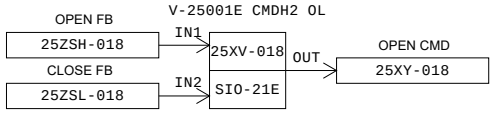


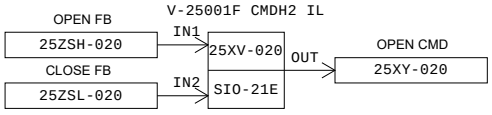


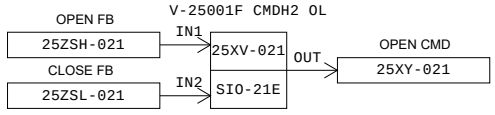
















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Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP003_001	TYP003	2024/10/17 05:05	XV VALVES
002	TYP003_002	TYP003	2024/10/17 05:05	ON/OFF VALVE
003	TYP003_003	TYP003	2024/10/17 05:05	ON/OFF VALVE
004	TYP003_004	TYP003	2024/10/17 05:05	ON/OFF VALVE
005	TYP003_007	TYP003	2024/10/17 05:05	ON/OFF VALVE
006	TYP003_008	TYP003	2024/10/17 05:05	ON/OFF VALVE
007	TYP003_009	TYP003	2024/10/17 05:05	ON/OFF VALVE
008	TYP003_010	TYP003	2024/10/17 05:05	ON/OFF VALVE
009	TYP003_011	TYP003	2024/10/17 05:05	ON/OFF VALVE
010	TYP003_012	TYP003	2024/10/17 05:05	ON/OFF VALVE
011	TYP003_015	TYP003	2024/10/17 05:05	ON/OFF VALVE
012	TYP003_016	TYP003	2024/10/17 05:05	ON/OFF VALVE
013	TYP003_017	TYP003	2024/10/17 05:05	ON/OFF VALVE
014	TYP003_018	TYP003	2024/10/17 05:05	ON/OFF VALVE

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Function Block Overview Definition

Comment:TYP003- ON/OFF VALVES

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	25XV-024	SIO-21E	H2 CMD IL HDR VS	0	0				
		25XY-024				3			
002	25XV-006	SIO-21E	V-25001A CMDH2 OL	0	0				
		25XY-006				3			
003	25XV-004	SIO-21E	V-25001A CMDH2 IL	0	0				
		25XY-004				3			
004	25XV-008	SIO-21E	V-25001B CMDH2 IL	0	0				
		25XY-008				3			
005	25XV-009	SIO-21E	V-25001B CMDH2 OL	0	0				
		25XY-009				3			
006	25XV-011	SIO-21E	V-25001C CMDH2 IL	0	0				
		25XY-011				3			
007	25XV-012	SIO-21E	V-25001C CMDH2 OL	0	0				
		25XY-012				3			
008	25XV-014	SIO-21E	V-25001D CMDH2 IL	0	0				
		25XY-014				3			
009	25XV-015	SIO-21E	V-25001D CMDH2 OL	0	0				
		25XY-015				3			
010	80XV-001	SIO-21E	H2 CMD TO A-80000 PVS	0	0				
		80XY-001				3			
011	25XV-017	SIO-21E	V-25001E CMDH2 IL	0	0				
		25XY-017				3			
012	25XV-018	SIO-21E	V-25001E CMDH2 OL	0	0				
		25XY-018				3			
013	25XV-020	SIO-21E	V-25001F CMDH2 IL	0	0				
		25XY-020				3			
014	25XV-021	SIO-21E	V-25001F CMDH2 OL	0	0				
		25XY-021				3			
015	80REL-XV	RL		0	0				
						4			
016	80LC001	LC64		0	0				
						4			

Tag Detail (25XV-024 H2 CMD IL HDR VS)

Basic

Tag Name	25XV-024
Model Name	SIO-21E
Tag Comment	H2 CMD IL HDR VS
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-006 V-25001A CMDH2 OL)

Basic

Tag Name	25XV-006
Model Name	SIO-21E
Tag Comment	V-25001A CMDH2 OL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-004 V-25001A CMDH2 IL)

Basic

Tag Name	25XV-004
Model Name	SIO-21E
Tag Comment	V-25001A CMDH2 IL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-008 V-25001B CMDH2 IL)

Basic

Tag Name	25XV-008
Model Name	SIO-21E
Tag Comment	V-25001B CMDH2 IL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-009 V-25001B CMDH2 OL)

Basic

Tag Name	25XV-009
Model Name	SIO-21E
Tag Comment	V-25001B CMDH2 OL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-011 V-25001C CMDH2 IL)

Basic

Tag Name	25XV-011
Model Name	SIO-21E
Tag Comment	V-25001C CMDH2 IL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-012 V-25001C CMDH2 OL)

Basic

Tag Name	25XV-012
Model Name	SIO-21E
Tag Comment	V-25001C CMDH2 OL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-014 V-25001D CMDH2 IL)

Basic

Tag Name	25XV-014
Model Name	SIO-21E
Tag Comment	V-25001D CMDH2 IL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-015 V-25001D CMDH2 OL)

Basic

Tag Name	25XV-015
Model Name	SIO-21E
Tag Comment	V-25001D CMDH2 OL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (80XV-001 H2 CMD TO A-80000 PVS)

Basic

Tag Name	80XV-001
Model Name	SIO-21E
Tag Comment	H2 CMD TO A-80000 PVS
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-017 V-25001E CMDH2 IL)

Basic

Tag Name	25XV-017
Model Name	SIO-21E
Tag Comment	V-25001E CMDH2 IL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-018 V-25001E CMDH2 OL)

Basic

Tag Name	25XV-018
Model Name	SIO-21E
Tag Comment	V-25001E CMDH2 OL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-020 V-25001F CMDH2 IL)

Basic

Tag Name	25XV-020
Model Name	SIO-21E
Tag Comment	V-25001F CMDH2 IL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (25XV-021 V-25001F CMDH2 OL)

Basic

Tag Name	25XV-021
Model Name	SIO-21E
Tag Comment	V-25001F CMDH2 OL
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (80REL-XV)

Basic

Tag Name	80REL-XV
Model Name	RL
Tag Comment	
Lvl	4

Relational Expression

No. X	Operator	Y	Comment
001 25PI-055.PV	Relational Operation	8.00	
002 25PI-055.PV	Relational Operation	5.50	

Tag Detail (80LC001)

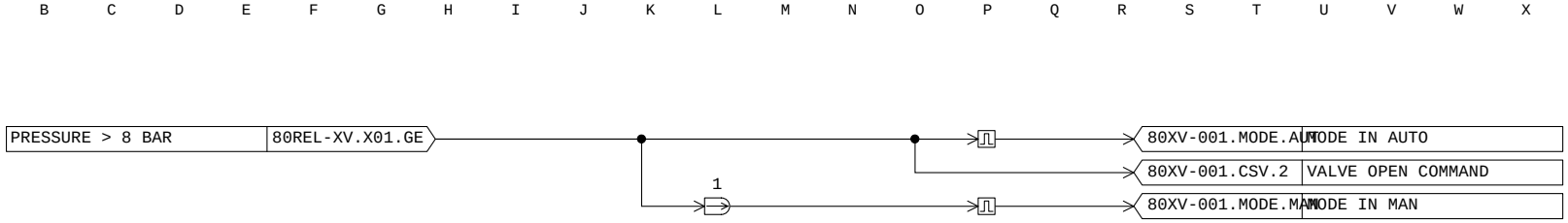
Basic

Tag Name	80LC001
Model Name	LC64
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	80LC001.edf	SHEET:		YOKOGAWA	PAGE:3-25-11-7
STATION:	FCS0101	SAVED DATE:	6/28/2025 2:00:12 AM	COMMENT:			
SECTION:	DR0031	PRINTED DATE:	9/15/2025	DRAWER:			

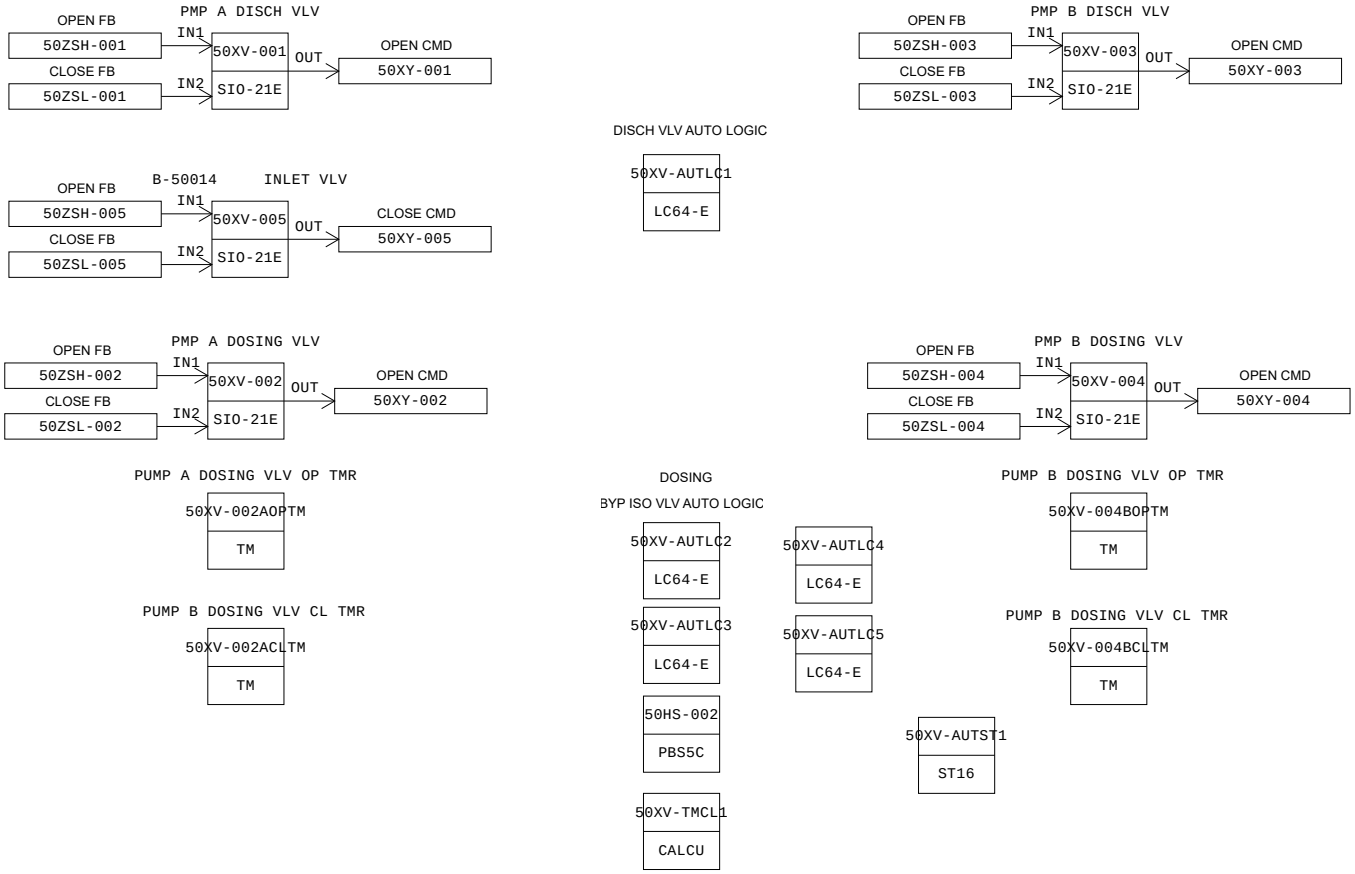
Logic Chart (80LC001)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————————
Reverse Direction Wiring	————————



PROJECT:	BLPH-CW1	FILE NAME:	DR0032.edf	SHEET:		YOKOGAWA	PAGE:3-25-12-1
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:29:27 AM	COMMENT:	TYP003- ON/OFF VALVES		
SECTION:	DR0032	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0032 | BLPH-CW | TYP003 | TYP003- ON/OFF VALVES



PROJECT:	BLPH-CW1	FILE NAME:	DR0032.edf	SHEET:		YOKOGAWA	PAGE:3-25-12-2
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:29:27 AM	COMMENT:	TYP003- ON/OFF VALVES		
SECTION:	DR0032	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP003_013	TYP003	2024/10/17 05:05	ON/OFF VALVE
002	TYP003_006	TYP003	2024/10/17 05:05	ON/OFF VALVE
003	TYP003_005	TYP003	2024/10/17 05:05	ON/OFF VALVE
004	TYP003_014	TYP003	2024/10/17 05:05	ON/OFF VALVE

PROJECT:	BLPH-CW1	FILE NAME:	DR0032.edf	SHEET:		YOKOGAWA	PAGE:3-25-12-3
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:29:27 AM	COMMENT:	TYP003- ON/OFF VALVES		
SECTION:	DR0032	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:TYP003- ON/OFF VALVES

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	50XV-002	SIO-21E	PMP A DOSING VLV	0	0				
		50XY-002				3			
002	50XV-001	SIO-21E	PMP A DISCH VLV	0	0				
		50XY-001				3			
003	50XV-003	SIO-21E	PMP B DISCH VLV	0	0				
		50XY-003				3			
004	50XV-004	SIO-21E	PMP B DOSING VLV	0	0				
		50XY-004				3			
005	50XV-AUTLC1	LC64-E		0	0				
						4			
006	50XV-AUTLC2	LC64-E	PMP A,B BYPASS AUT LOGIC	0	0				
						4			
007	50HS-002	PBS5C	DUTY PUMP SELECTION	0	0				
						3			
008	50XV-002AOPTM	TM	PUMP A DOSING VLV OP TMR	0	0				
						4			
009	50XV-004BOPTM	TM	PUMP B DOSING VLV OP TMR	0	0				
						4			
010	50XV-002ACLTM	TM	PUMP B DOSING VLV CL TMR	0	0				
						4			
011	50XV-004BCLTM	TM	PUMP B DOSING VLV CL TMR	0	0				
						4			
012	50XV-AUTLC3	LC64-E	PMP A,B BYPASS AUT LOGIC	0	0				
						4			
013	50XV-TMCL1	CALCU	DOSING TIME IN HOURS	0.0	100.0	%	No	No	
						4			
014	50XV-AUTLC4	LC64-E	PMP A,B BYPASS AUT LOGIC	0	0				
						4			
015	50XV-AUTST1	ST16		0	0				
						4			
016	50XV-AUTLC5	LC64-E	PMP A,B BYPASS AUT LOGIC	0	0				
						4			
017	50XV-005	SIO-21E	B-50014 INLET VLV	0	0				
		50XY-005				3			

Tag Detail (50XV-002 PMP A DOSING VLV)

Basic

Tag Name	50XV-002
Model Name	SIO-21E
Tag Comment	PMP A DOSING VLV
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-001 PMP A DISCH VLV)

Basic

Tag Name	50XV-001
Model Name	SIO-21E
Tag Comment	PMP A DISCH VLV
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-003 PMP B DISCH VLV)

Basic

Tag Name	50XV-003
Model Name	SIO-21E
Tag Comment	PMP B DISCH VLV
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-004 PMP B DOSING VLV)

Basic

Tag Name	50XV-004
Model Name	SIO-21E
Tag Comment	PMP B DOSING VLV
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-AUTLC1)

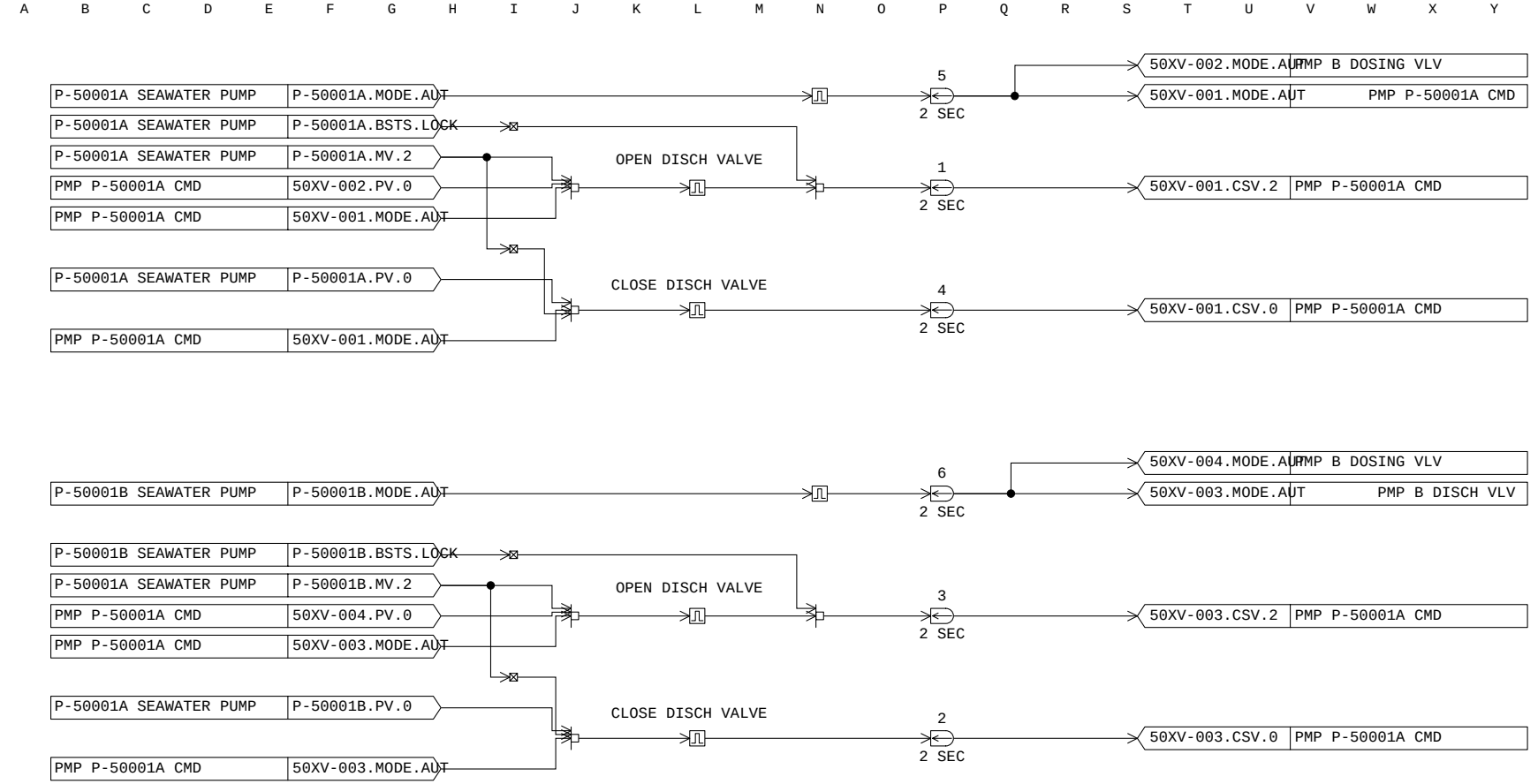
Basic

Tag Name	50XV-AUTLC1
Model Name	LC64-E
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	50XV-AUTLC1.edf	SHEET:		YOKOGAWA	PAGE:3-25-12-5
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:29:27 AM	COMMENT:			
SECTION:	DR0032	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (50XV-AUTLC1)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (50XV-AUTLC2 PMP A,B BYPASS AUT LOGIC)

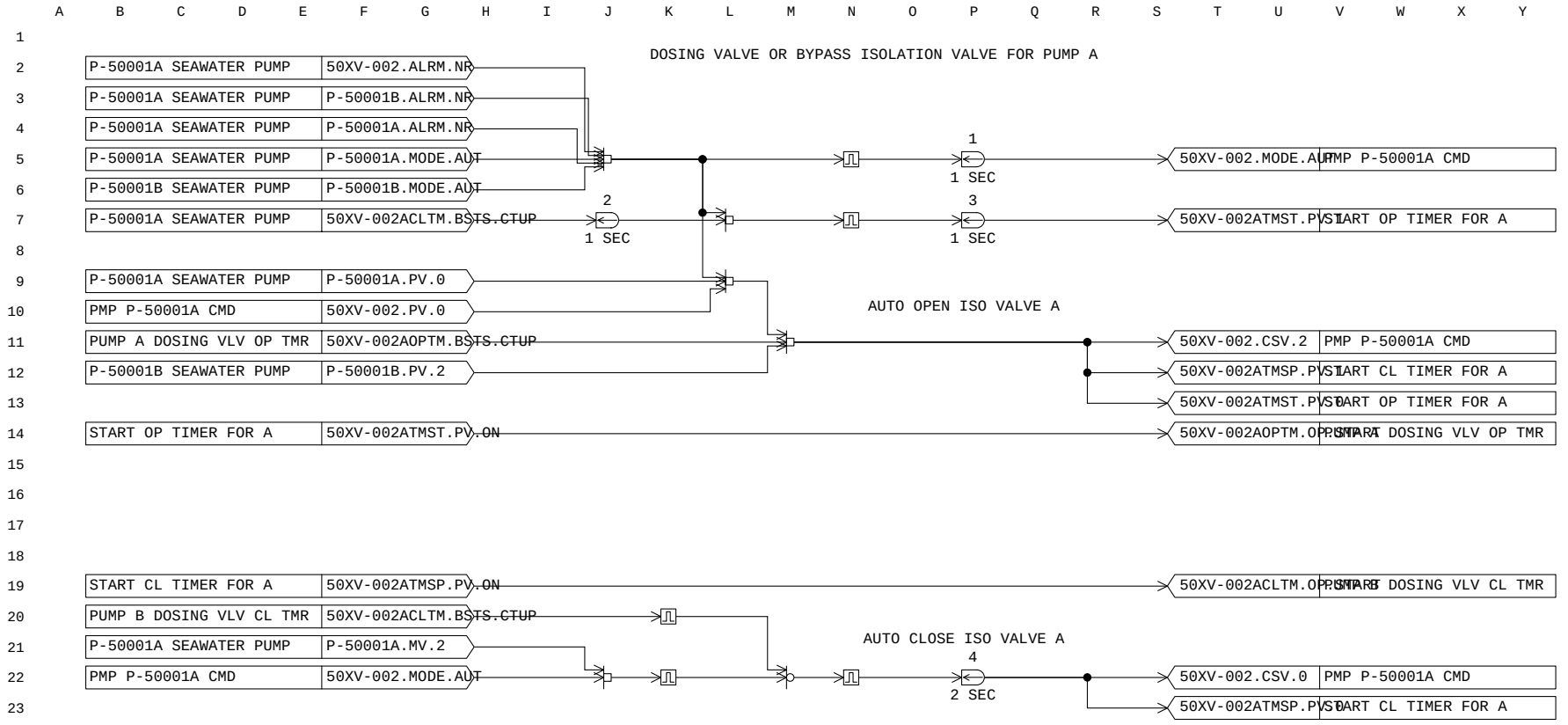
Basic

Tag Name	50XV-AUTLC2
Model Name	LC64-E
Tag Comment	PMP A,B BYPASS AUT LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	50XV-AUTLC2.edf	SHEET:		YOKOGAWA	PAGE:3-25-12-7
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:29:27 AM	COMMENT:	PMP A,B BYPASS AUT LOGIC		
SECTION:	DR0032	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (50XV-AUTLC2 PMP A,B BYPASS AUT LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (50HS-002 DUTY PUMP SELECTION)

Basic

Tag Name	50HS-002
Model Name	PBS5C
Tag Comment	DUTY PUMP SELECTION
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	50HS-002.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	50HS-002.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	50HS-002.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	50HS-002.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	P50001A	P50001A	Gray	Green
002	Not used	OFF	ON	White	Red
003	Button with Lamp	P50001B	P50001B	Gray	Green
004	Not used	OFF	ON	White	Red
005	Not used	OFF	BYP	Gray	Green

Tag Detail (50XV-002AOPTM PUMP A DOSING VLV OP TMR)

Basic

Tag Name	50XV-002AOPTM
Model Name	TM
Tag Comment	PUMP A DOSING VLV OP TMR
Lvl	4
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (50XV-004BOPTM PUMP B DOSING VLV OP TMR)

Basic

Tag Name	50XV-004BOPTM
Model Name	TM
Tag Comment	PUMP B DOSING VLV OP TMR
Lvl	4
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (50XV-002ACLTM PUMP B DOSING VLV CL TMR)

Basic

Tag Name	50XV-002ACLTM
Model Name	TM
Tag Comment	PUMP B DOSING VLV CL TMR
Lvl	4
Scan Period	Basic Scan
Timer Property	Second Timer

Tag Detail (50XV-004BCLTM PUMP B DOSING VLV CL TMR)

Basic

Tag Name	50XV-004BCLTM
Model Name	TM
Tag Comment	PUMP B DOSING VLV CL TMR
Lvl	4
Scan Period	Basic Scan
Timer Property	Second Timer

Tag Detail (50XV-AUTLC3 PMP A,B BYPASS AUT LOGIC)

Basic

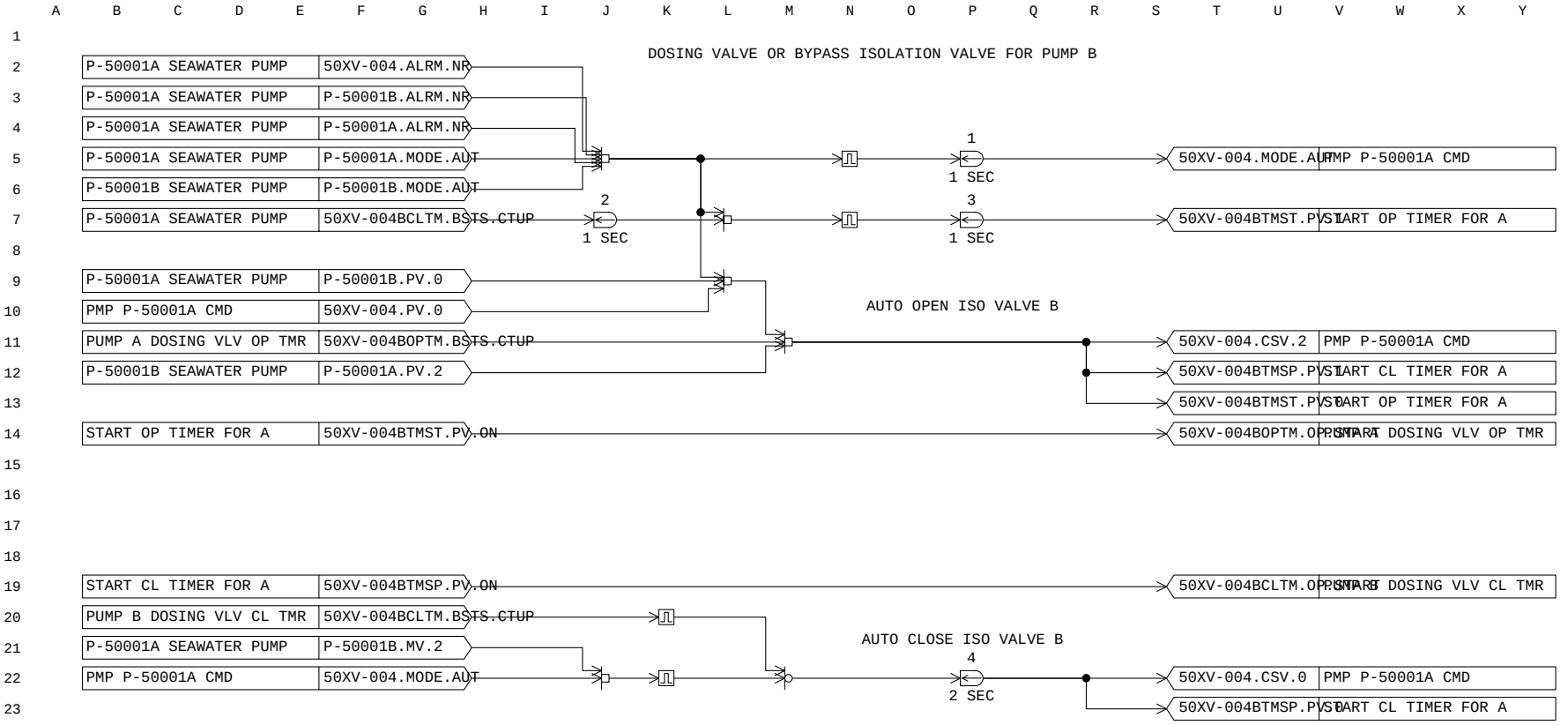
Tag Name	50XV-AUTLC3
Model Name	LC64-E

Tag Comment PMP A,B BYPASS AUT LOGIC
Lvl 4

PROJECT:	BLPH-CW1	FILE NAME:	50XV-AUTLC3.edf	SHEET:		YOKOGAWA	PAGE:3-25-12-10
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:29:27 AM	COMMENT:	PMP A,B BYPASS AUT LOGIC		
SECTION:	DR0032	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (50XV-AUTLC3 PMP A,B BYPASS AUT LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (50XV-TMCL1 DOSING TIME IN HOURS)

Basic

Tag Name	50XV-TMCL1
Model Name	CALCU
Tag Comment	DOSING TIME IN HOURS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50XV-TMCL1 DOSING TIME IN HOURS)

Line Number	General-Purpose Calculation Formula
001	alias A 50XV-002AOPTM.DV
002	alias B 50XV-004BOPTM.DV
003	alias C P-50001A.PV
004	alias D P-50001B.PV
005	alias E 50XV-002AOPTM.PV
006	alias F 50XV-004BOPTM.PV
007	
008	
009	!P01=HRS
010	!P02=HRS
011	
012	
013	P01=(A/60)
014	P02=(B/60)
015	P03=A-(P01*60)
016	P04=B-(P02*60)
017	
018	IF (C==0 AND D==0)THEN
019	E=0
020	F=0
021	END IF
022	

Tag Detail (50XV-AUTLC4 PMP A,B BYPASS AUT LOGIC)

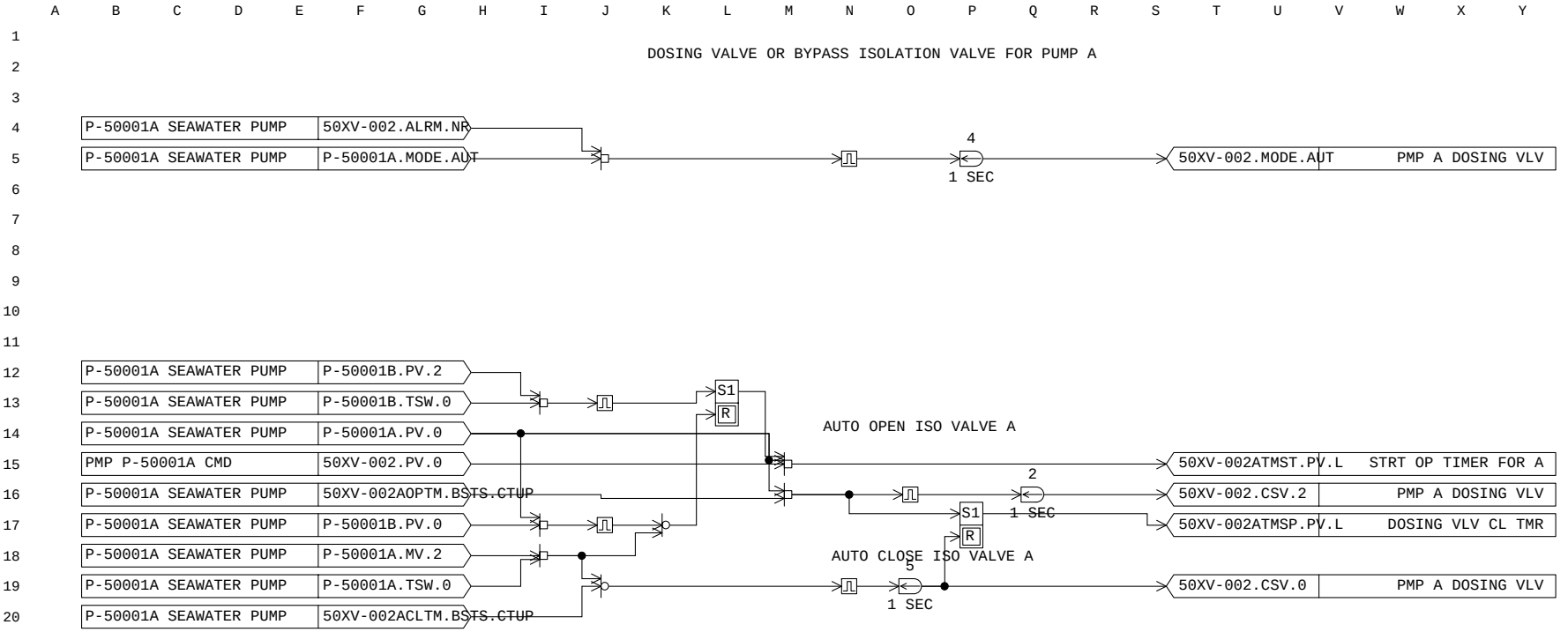
Basic

Tag Name	50XV-AUTLC4
Model Name	LC64-E
Tag Comment	PMP A,B BYPASS AUT LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	50XV-AUTLC4.edf	SHEET:		YOKOGAWA	PAGE:3-25-12-14
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:29:27 AM	COMMENT:	PMP A,B BYPASS AUT LOGIC		
SECTION:	DR0032	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (50XV-AUTLC4 PMP A,B BYPASS AUT LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (50XV-AUTST1)

Basic

Tag Name	50XV-AUTST1
Model Name	ST16
Tag Comment	
Lvl	4

Sequence Tables (50XV-AUTST1)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	Comment
C01	50XV-002ATMST.PV	1	START OP TIMER FOR A	Y	
C02	50XV-002ATMST.PV	0	START OP TIMER FOR A	.Y	
C03	50XV-002ATMSP.PV	1	START CL TIMER FOR A	..Y	
C04	50XV-004BTMST.PV	1	START OP TIMER FOR B	....Y	
C05	50XV-004BTMST.PV	0	START OP TIMER FOR B	.....Y	
C06	50XV-004BTMSP.PV	1	START CL TIMER FOR B	......Y	
C07					
C08	P-50001A.PV	0	P-50001A SEAWATER PUMP	........Y	
C09	P-50001A.PV	0	P-50001A SEAWATER PUMP	........Y	
C10					
C11					
C12					
C13					
C14					
C15					
C16					
C17					
C18					
C19					
C20					
C21					
C22					
C23					
C24					
C25					
C26					
C27					
C28					
C29					
C30					
C31					
C32					
A01	50XV-002AOPTM.OP	START	PUMP A DOSING VLV OP TMR	Y	
A02	50XV-002AOPTM.OP	STOP	PUMP A DOSING VLV OP TMR	.Y.....Y	
A03	50XV-002ACLTM.OP	START	PUMP B DOSING VLV CL TMR	..Y	
A04	50XV-004BOPTM.OP	START	PUMP B DOSING VLV OP TMR	....Y	
A05	50XV-004BOPTM.OP	STOP	PUMP B DOSING VLV OP TMR	.....Y.....Y	
A06	50XV-004BCLTM.OP	START	PUMP B DOSING VLV CL TMR	......Y	
A07					
A08					
A09					
A10					
A11					
A12					
A13					
A14					
A15					
A16					
A17					
A18					
A19					
A20					
A21					
A22					
A23					
A24					
A25					
A26					
A27					
A28					
A29					
A30					
A31					
A32					
	PREV		THEN		
	NEXT		ELSE		

Tag Detail (50XV-AUTLC5 PMP A,B BYPASS AUT LOGIC)

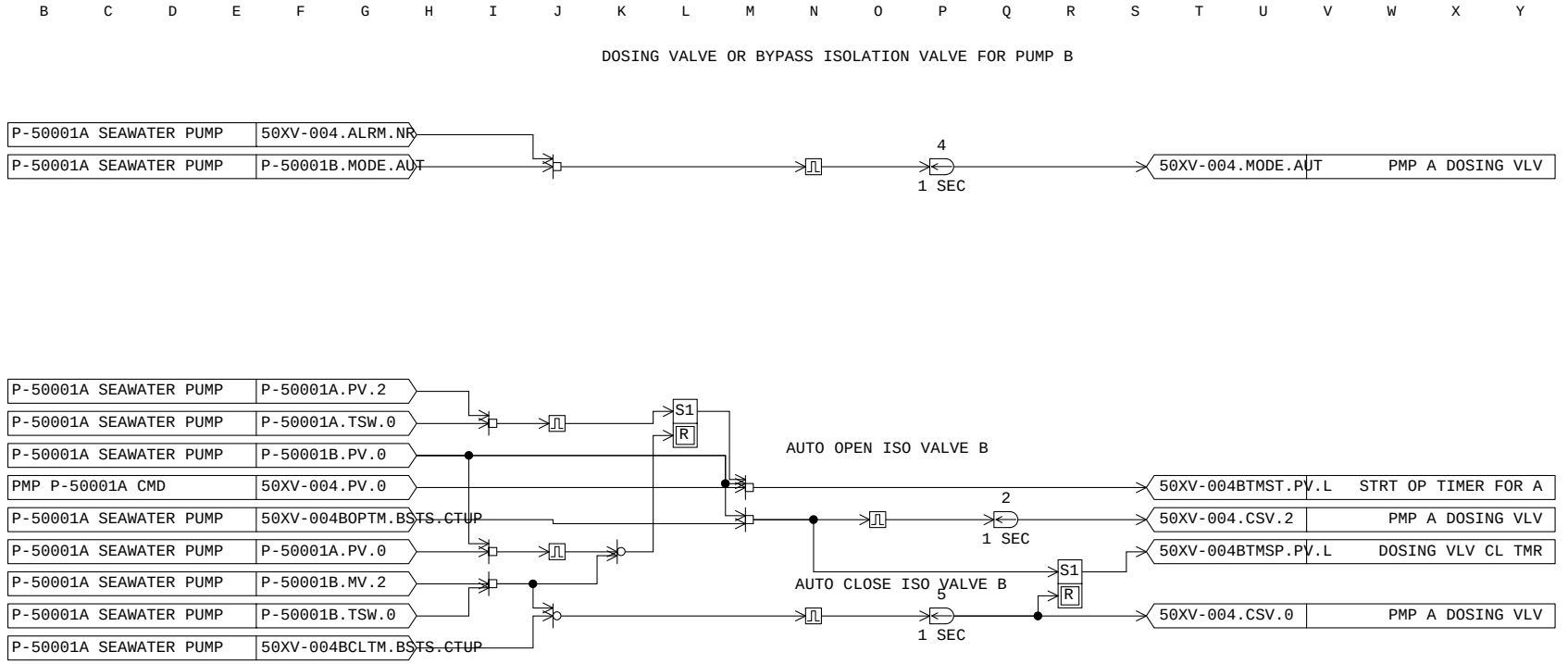
Basic

Tag Name	50XV-AUTLC5
Model Name	LC64-E
Tag Comment	PMP A,B BYPASS AUT LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	50XV-AUTLC5.edf	SHEET:		YOKOGAWA	PAGE:3-25-12-18
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:29:27 AM	COMMENT:	PMP A,B BYPASS AUT LOGIC		
SECTION:	DR0032	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (50XV-AUTLC5 PMP A,B BYPASS AUT LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————————
Reverse Direction Wiring	————————

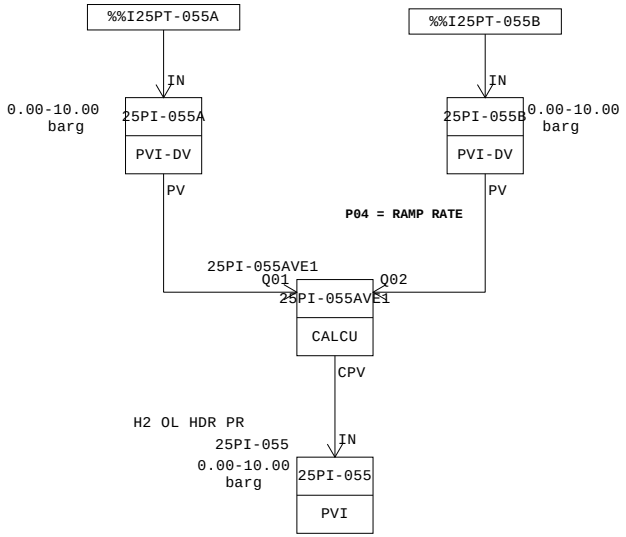


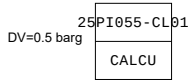
Tag Detail (50XV-005 B-50014 INLET VLV)

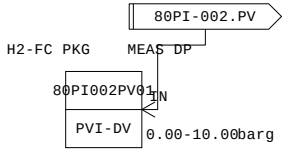
Basic

Tag Name	50XV-005
Model Name	SIO-21E
Tag Comment	B-50014 INLET VLV
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse

PROJECT:	BLPH-CW1	FILE NAME:	DR0035.edf	SHEET:		YOKOGAWA	PAGE:3-25-13-1
STATION:	FCS0101	SAVED DATE:	6/19/2025 8:35:53 AM	COMMENT:	25PT-055A AVERAGE CALCU, DEV ALM		
SECTION:	DR0035	PRINTED DATE:	9/15/2025	DRAWER:			







P MEAS -ALM MGMT TABL

PROJECT:	BLPH-CW1	FILE NAME:	DR0035.edf	SHEET:		YOKOGAWA	PAGE:3-25-13-2
STATION:	FCS0101	SAVED DATE:	6/19/2025 8:35:53 AM	COMMENT:	25PT-055A AVERAGE CALCU, DEV ALM		
SECTION:	DR0035	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:25PT-055A AVERAGE CALCU, DEV ALM

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	25PI-055A	PVI-DV	H2 OL HDR PR	0.00	10.00	barg 4	No	No	%%I25PT-055A
002	25PI-055B	PVI-DV	H2 OL HDR PR	0.00	10.00	barg 4	No	No	%%I25PT-055B
003	25PI-055AVE1	CALCU	H2 OL HDR PR	0.00	100.00	barg 3	No	No	
004	25PI-055	PVI	H2 OL HDR PR	0.00	10.00	barg 3	No	No	25PI-055AVE1.CPV
005	80PI002PV01	PVI-DV	H2-FC PKG MEAS DP	0.00	10.00	barg 4	No	No	>80PI-002.PV
006	25PI055-CL01	CALCU	H2 OL HDR PR DEV	0.0	200.0	(None) 4	No	No	

Tag Detail (25PI-055A H2 OL HDR PR)

Basic

Tag Name	25PI-055A
Model Name	PVI-DV
Tag Comment	H2 OL HDR PR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PI-055B H2 OL HDR PR)

Basic

Tag Name	25PI-055B
Model Name	PVI-DV
Tag Comment	H2 OL HDR PR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PI-055AVE1 H2 OL HDR PR)

Basic

Tag Name	25PI-055AVE1
Model Name	CALCU
Tag Comment	H2 OL HDR PR
Lvl	3
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PI-055AVE1 H2 OL HDR PR)

```
Line Number   General-Purpose Calculation Formula
   001        program
   002        * ------------------------------------------------------------------------------------------------------------
   003        *         One-of-two average transmitter selection
   004        *
   005        *       P01     Tx Selection 1=Tx1,2=Tx2 , 4=Both selection for AVE output
   006        *       P02     AUT/MAN Selection 0=AUT/*=MAN
   007        *       P03     IOP from CERR
   008        *       P04     Rate Limit (units/min)
   009        *       P05     BAD Count
   010        *       P06     Delay Time until making CERR
   011        *       P07     SPARE
   012        *       P08     SPARE
   013        *
   014        * The AUT/MAN selection is used as a guard to the Tx selection
   015        * done via the faceplate display. P02 must be selected to MAN
   016        * to enable manual selection i.e. writing to P01 by the HIS.
   017        *
   018        * If AUT mode is used, P01 tracks the calc average Tx to effect
   019        * a bumpless transfer to MAN mode. - the Tx selected in AUT
   020        * remains selected in MAN until changed via the faceplate display.
   021        *
   022        *Alarm of function keep Non IOP
   023        * ------------------------------------------------------------------------------------------------------------
   024            ALIAS   TX1BAD      {25PI-055A.PV=BAD}
   025            ALIAS   TX2BAD      {25PI-055B.PV=BAD}
   026            ALIAS   TX1QST      {25PI-055A.PV=CAL}
   027            ALIAS   TX2QST      {25PI-055B.PV=CAL}
   028            ALIAS   SH          25PI-055.SH
   029            ALIAS   SL          25PI-055.SL
   030            ALIAS   TX1SV       25PI-055A.SV    !For Passing SV to TX1
   031            ALIAS   TX2SV       25PI-055B.SV    !For Passing SV to TX2
   032        * ------------------------------------------------------------------------------------------------------------
   033        * BAD Count Calculation
   034            P05 = TX1BAD*(not TX1QST) + TX2BAD*(not TX2QST)
   035        * ------------------------------------------------------------------------------------------------------------
   036        * Tx Selection
   037            if (P02 == 0) then
   038                switch(P05)
   039                case 0:
   040                    P01 = 4
   041                case 1:
   042                    P01 = 1*(not TX1BAD) + 2*(not TX2BAD)
   043                end switch
   044            end if
   045        * ------------------------------------------------------------------------------------------------------------
   046        * For making IOP from CERR
   047            if(P05 == 2 and P06<=10) then
   048                P06 = P06 + 1           !For Delay time
   049                P03 = not(P06 == 10)
   050            else
   051                P06 = 0
   052                P03 = 1
   053            end if
   054        * ------------------------------------------------------------------------------------------------------------

   055        * Ouput without Ramping
   056            if(P01==4) then
   057                CPV=(RV1*(not TX1BAD) + RV2*(not TX2BAD))/2         ! AVE
   058            else if(P01<3) then
   059                CPV=RV1*(P01==1) + RV2*(P01==2)                 ! TX1,2
   060            end if
   061        * ------------------------------------------------------------------------------------------------------------
   062        * Output with Ramping
   063        *if(0<P04 and P04<(SH-SL) and (CPV1<(CPV-P04/60) or CPV1>(CPV+P04/60)))  then           !CPV1 is Target Value of CPV

   064        *       CPV = CPV+((1-2*(CPV1<CPV))*P04/60)/P03
   065        *   else
   066        *       CPV = CPV1/P03
   067        *   end if
   068        * ------------------------------------------------------------------------------------------------------------
   069        *Passing Final Selected Value to Individual Transmitter for Deviation Alarm
   070        !   TX1SV=CPV
   071        !   TX2SV=CPV
   072        end
   073
```

Tag Detail (25PI-055 H2 OL HDR PR)

Basic

Tag Name	25PI-055
Model Name	PVI
Tag Comment	H2 OL HDR PR
Lvl	3
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80PI002PV01 H2-FC PKG MEAS DP)

Basic

Tag Name	80PI002PV01
Model Name	PVI-DV
Tag Comment	H2-FC PKG MEAS DP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PI055-CL01 H2 OL HDR PR DEV)

Basic

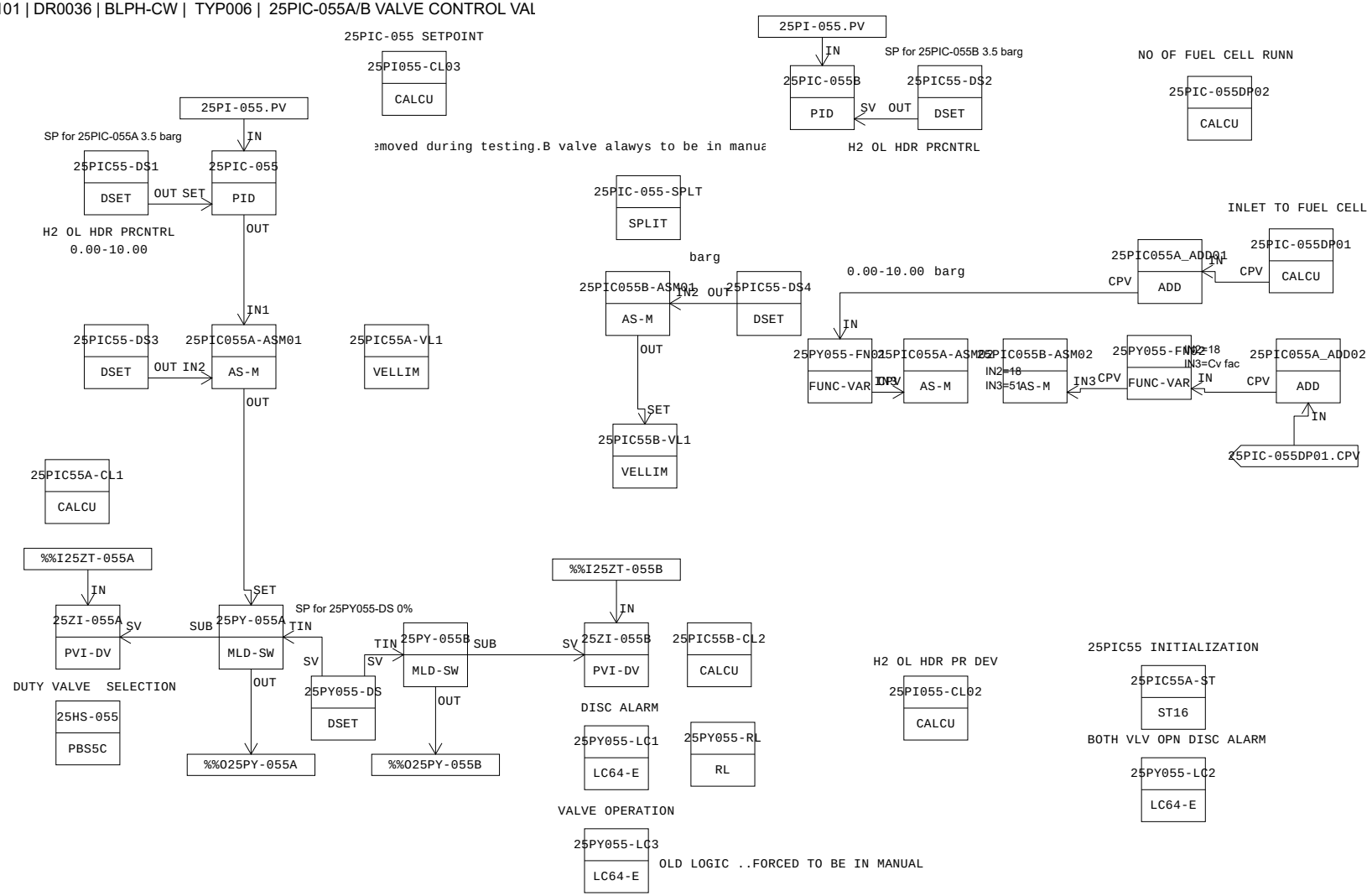
Tag Name	25PI055-CL01
Model Name	CALCU
Tag Comment	H2 OL HDR PR DEV
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PI055-CL01 H2 OL HDR PR DEV)

```
Line Number   General-Purpose Calculation Formula
   001
   002        *APPLICATION :MANUAL SELECTION FOR VALVE 1 & 2
   003        ****************************************************************
   004
   005            Alias SEL_A 25PI-055A.PV            !TX A Selected
   006            Alias SEL_B 25PI-055B.PV            !TX B Selected
   007            Alias SEL_C 80PI002PV01.PV      !TX C Selected
   008            Alias DVAN  25PI055-DVAN.PV     !Deviation SW
   009            integer i,j,k,d
   010        d=0.5                                           !5% deviation of Range
   011        i= SEL_A - SEL_B        !Tx1-Tx2
   012        j= SEL_A - SEL_C        !Tx1-Tx3
   013        k= SEL_B - SEL_C        !Tx2-Tx3
   014        P01= DABS(i)
   015        P02= DABS(j)
   016        P03= DABS(k)
   017
   018        !   if(P01>d OR P02>d OR P03>d) then
   019        !       DVAN=1
   020        !   else
   021        !       DVAN=0
   022        !   end if
   023
   024        IF (P01>0.5 OR P02>0.5 OR P03>0.5)THEN
   025            P05 = P05+1                         !CV MTM TIME DELAY
   026        ELSE IF (B>DL1)AND(P05>=P04) THEN
   027            P05 = P04                               !CV MTM TIME DELAY
   028        ELSE
   029            P05 = 0
   030        END IF
   031
   032        IF (P05>=P04) THEN
   033        DVAN=1
   034        ELSE
   035        DVAN=0
   036        END IF
   037
   038
   039
```

PROJECT:	BLPH-CW1	FILE NAME:	DR0036.edf	SHEET:		YOKOGAWA	PAGE:3-25-14-1
STATION:	FCS0101	SAVED DATE:	7/12/2025 5:33:03 AM	COMMENT:	25PIC-055A/B VALVE		
SECTION:	DR0036	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0036 | BLPH-CW | TYP006 | 25PIC-055A/B VALVE CONTROL VAL



PROJECT:	BLPH-CW1	FILE NAME:	DR0036.edf	SHEET:		YOKOGAWA	PAGE:3-25-14-2
STATION:	FCS0101	SAVED DATE:	7/12/2025 5:33:03 AM	COMMENT:	25PIC-055A/B VALVE		
SECTION:	DR0036	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:25PIC-055A/B VALVE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	25PIC55-DS1	DSET		0.0	10.0	barg			
		25PIC-055.SET				4			
002	25PIC-055	PID	H2 OL HDR PRCNTRL	0.00	10.00	barg	No	No	25PI-055.PV
		25PIC055A-ASM01.IN1		25PIC55-DS1.OUT		3			
003	25PIC55-DS2	DSET		0.0	10.0	barg			
		25PIC-055B.SV				4			
004	25PIC-055B	PID	H2 OL HDR PRCNTRL	0.00	10.00	barg	No	No	25PI-055.PV
						3			
005	25PIC-055-SPLT	SPLIT		0	0	%			
						4			
006	25PIC55-DS3	DSET		0.0	3.5	barg			
		25PIC055A-ASM01.IN2				4			
007	25PIC55-DS4	DSET		0.0	3.5	barg			
		25PIC055B-ASM01.IN2				4			
008	25PIC-055DP01	CALCU	INLET TO FUEL CELL	0.000	100.000	%	No	No	
						4			
009	25PIC055A-ASM01	AS-M		0.0	100.0	%			
		25PY-055A.SET				4			
010	25PIC055A_ADD01	ADD		0.0	100.0	%	No		25PIC-055DP01.CPV
						4			
011	25PY055-FN01	FUNC-VAR	FI Vs % OUTPUT	0.0	100.0	%	No		25PIC055A_ADD01.CPV
						4			
012	25PIC055A-ASM02	AS-M		0.0	100.0	%			
						4			
013	25PIC055B-ASM01	AS-M		0.0	100.0	%			
		25PIC55B-VL1.SET				4			
014	25PIC055A_ADD02	ADD		0.0	100.0	%	No		25PIC-055DP01.CPV
						4			
015	25PY055-FN02	FUNC-VAR	FI Vs % OUTPUT	0.0	100.0	%	No		25PIC055A_ADD02.CPV
						4			
016	25PIC055B-ASM02	AS-M		0.0	100.0	%			
						4			
017	25PIC55B-VL1	VELLIM		0	0	%			
				25PIC055B-ASM01.OUT		4			
018	25PIC55A-VL1	VELLIM		0	0	%			
						4			
019	25PY055-DS	DSET		0.0	0.0	%			
						4			
020	25PY-055A	MLD-SW	H2 OL HDR PRCNTRL CMD	0	0	%			
		%%025PY-055A		25PIC055A-ASM01.OUT		3			
021	25PY-055B	MLD-SW	H2 CMD FRM OL HDR PR	0	0	%			
		%%025PY-055B				3			
022	25HS-055	PBS5C	DUTY VALVE SELECTION	0	0				
						3			
023	25ZI-055A	PVI-DV	H2 OL HDR PRPOS FB	0.0	100.0	%	No	No	%%I25ZT-055A
						4			
024	25ZI-055B	PVI-DV	H2 OL HDR PRPOS FB	0.0	100.0	%	No	No	%%I25ZT-055B
						4			
025	25PIC55A-CL1	CALCU	H2 OL HDR PRCNTRL CMD	0.0	100.0	%	No	No	
						5			
026	25PIC55B-CL2	CALCU	H2 CMD FRM OL HDR PR	0.0	100.0	%	No	No	
						5			
027	25PY055-LC1	LC64-E	DISC ALARM	0	0				
						4			

PROJECT:	BLPH-CW1	FILE NAME:	DR0036.edf	SHEET:		YOKOGAWA	PAGE:3-25-14-3
STATION:	FCS0101	SAVED DATE:	7/12/2025 5:33:03 AM	COMMENT:	25PIC-055A/B VALVE		
SECTION:	DR0036	PRINTED DATE:	9/15/2025	DRAWER:			

028	25PY055-RL	RL	04HY11 POS FB COMP	0	0				
						4			
029	25PIC55A-ST	ST16	25PIC55 INITIALIZATION	0	0				
						4			
030	25PY055-LC2	LC64-E	BOTH VLV OPN DISC ALARM	0	0				
						4			
031	25PI055-CL02	CALCU	H2 OL HDR PR DEV	0.0	200.0	(None)	No	No	
						4			
032	25PIC-055DP02	CALCU	NO OF FUEL CELL RUNN	0.000	100.000	%	No	No	
						4			
033	25PY055-LC3	LC64-E	VALVE OPERATION	0	0				
						4			
034	25PI055-CL03	CALCU	25PIC-055 SETPOINT	0.0	200.0	(None)	No	No	
						4			

Tag Detail (25PIC55-DS1)

Basic

Tag Name	25PIC55-DS1
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PIC-055 H2 OL HDR PRCNTRL)

Basic

Tag Name	25PIC-055
Model Name	PID
Tag Comment	H2 OL HDR PRCNTRL
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Reverse
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	Yes

Tag Detail (25PIC55-DS2)

Basic

Tag Name	25PIC55-DS2
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PIC-055B H2 OL HDR PRCNTRL)

Basic

Tag Name	25PIC-055B
Model Name	PID
Tag Comment	H2 OL HDR PRCNTRL
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Reverse
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	Yes

Tag Detail (25PIC-055-SPLT)

Basic

Tag Name	25PIC-055-SPLT
Model Name	SPLIT
Tag Comment	
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0

Connection
Set Value Input(SET)
Operation Output 1(OUT1)
Operation Output 2(OUT2)

Tag Detail (25PIC55-DS3)

Basic

Tag Name	25PIC55-DS3
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PIC55-DS4)

Basic

Tag Name	25PIC55-DS4
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PIC-055DP01 INLET TO FUEL CELL)

Basic

Tag Name	25PIC-055DP01
Model Name	CALCU
Tag Comment	INLET TO FUEL CELL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PIC-055DP01 INLET TO FUEL CELL)

```
Line Number   General-Purpose Calculation Formula
   001        program
   002        Alias VSL_A 25XV-006.PV         !VESSEL A Selected
   003        Alias VSL_B 25XV-009.PV         !VESSEL B Selected
   004        Alias VSL_C 25XV-012.PV         !VESSEL C Selected
   005        Alias VSL_D 25XV-015.PV         !VESSEL D Selected
   006        Alias VSL_E 25XV-018.PV         !VESSEL E Selected
   007        Alias VSL_F 25XV-021.PV         !VESSEL F Selected
   008
   009        Alias PT_A  25PI-035.PV         !VESSEL A Press
   010        Alias PT_B  25PI-037.PV         !VESSEL B Press
   011        Alias PT_C  25PI-040.PV         !VESSEL C Press
   012        Alias PT_D  25PI-043.PV         !VESSEL D Press
   013        Alias PT_E  25PI-046.PV         !VESSEL E Press
   014        Alias PT_F  25PI-049.PV         !VESSEL F Press
   015
   016        Alias HDR   25PI-055.PV         !HDR Press
   017
   018        Alias FC1 87US-0001.PV              !1 FUEL CELL RUNNING
   019        Alias VL1P  25PIC55A-VL1.DMVP               !1 FUEL CELL RUNNING
   020        Alias VL2P  25PIC55B-VL1.DMVP               !1 FUEL CELL RUNNING
   021        Alias VL1M  25PIC55A-VL1.DMVM               !1 FUEL CELL RUNNING
   022        Alias VL2M  25PIC55B-VL1.DMVM               !1 FUEL CELL RUNNING
   023
   024
   025
   026        Alias PDWN  25PI-001.PV         !downstream Press
   027        Alias Q 25FI-031.PV                 !
   028
   029        INTEGER HDR_PR,T,M
   030        T=15
   031        M=2                     !M=2 Mole\kg
   032        if(VSL_A==2)P02=PT_A
   033        if(VSL_B==2)P02=PT_B
   034        if(VSL_C==2)P02=PT_C
   035        if(VSL_D==2)P02=PT_D
   036        if(VSL_E==2)P02=PT_E
   037        if(VSL_F==2)P02=PT_D
   038        !P03=DP
   039        P03=P02-HDR
   040        P04=T+273
   041        P05=SQRT(P04)
   042        P06=P01*288/P05
   043        P07=P03*(P02+P01)*(M/29)*(288/P05)
   044        If(P06>0)then
   045                IF (P03<=(0.4*P02)) THEN
   046                    CPV=(0.0545*Q)/(0.9*P06)
   047        ELSE
   048        CPV = (0.0472*Q)/P07
   049        end if
   050        end if
   051
```

Tag Detail (25PIC055A-ASM01)

Basic

Tag Name	25PIC055A-ASM01
Model Name	AS-M
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25PIC-055.OUT
Signal Input 2(IN2)	25PIC55-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25PY-055A.SET
Interlock Switch Input(INT)	

Tag Detail (25PIC055A_ADD01)

Basic

Tag Name	25PIC055A_ADD01
Model Name	ADD
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No

Connection

Main Input(IN)	25PIC-055DP01.CPV
Calculation Output(OUT)	
Auxiliary Output(SUB)	
Sub Input(Q01)	

Tag Detail (25PY055-FN01 FI Vs % OUTPUT)

Basic

Tag Name	25PY055-FN01
Model Name	FUNC-VAR
Tag Comment	FI Vs % OUTPUT
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PIC055A-ASM02)

Basic

Tag Name	25PIC055A-ASM02
Model Name	AS-M
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	
Signal Input 2(IN2)	
Signal Input 3(IN3)	25PY055-FN01.CPV
Operation Output(OUT)	
Interlock Switch Input(INT)	

Tag Detail (25PIC055B-ASM01)

Basic

Tag Name	25PIC055B-ASM01
Model Name	AS-M
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)
Signal Input 2(IN2) 25PIC55-DS4.OUT
Signal Input 3(IN3)
Operation Output(OUT) 25PIC55B-VL1.SET
Interlock Switch Input(INT)

Tag Detail (25PIC055A_ADD02)

Basic
Tag Name 25PIC055A_ADD02
Model Name ADD
Tag Comment
Lvl 4
Scan Period Basic Scan
Start Timing Periodic Execution
Input Signal Conversion
Input Signal Conversion No

Connection
Main Input(IN) 25PIC-055DP01.CPV
Calculation Output(OUT)
Auxiliary Output(SUB)
Sub Input(Q01)

Tag Detail (25PY055-FN02 FI Vs % OUTPUT)

Basic
Tag Name 25PY055-FN02
Model Name FUNC-VAR
Tag Comment FI Vs % OUTPUT
Lvl 4
Scan Period Basic Scan
Input Signal Conversion
Input Signal Conversion No

Tag Detail (25PIC055B-ASM02)

Basic
Tag Name 25PIC055B-ASM02
Model Name AS-M
Tag Comment
Lvl 4
Scan Period Basic Scan
Open/Close mark No

Connection
Signal Input 1(IN1)
Signal Input 2(IN2)
Signal Input 3(IN3) 25PY055-FN02.CPV
Operation Output(OUT)
Interlock Switch Input(INT)

Tag Detail (25PIC55B-VL1)

Basic
Tag Name 25PIC55B-VL1
Model Name VELLIM
Tag Comment
Lvl 4
Scan Period Basic Scan
SV Range
High limit value 100.0
Low limit value 0.0
Open/Close mark No

Tag Detail (25PIC55A-VL1)

Basic
Tag Name 25PIC55A-VL1
Model Name VELLIM
Tag Comment
Lvl 4
Scan Period Basic Scan
SV Range
High limit value 100.0
Low limit value 0.0

Open/Close mark No

Tag Detail (25PY055-DS)

Basic

Tag Name	25PY055-DS
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PY-055A H2 OL HDR PRCNTRL CMD)

Basic

Tag Name	25PY-055A
Model Name	MLD-SW
Tag Comment	H2 OL HDR PRCNTRL CMD
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PY-055B H2 CMD FRM OL HDR PR)

Basic

Tag Name	25PY-055B
Model Name	MLD-SW
Tag Comment	H2 CMD FRM OL HDR PR
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25HS-055 DUTY VALVE SELECTION)

Basic

Tag Name	25HS-055
Model Name	PBS5C
Tag Comment	DUTY VALVE SELECTION
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	25HS-055.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	25HS-055.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	25HS-055.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	25HS-055.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	25PY055A	25PY055A	Gray	Green
002	Not used	OFF	ON	White	Red
003	Button with Lamp	25PY055B	25PY055B	Gray	Green
004	Not used	OFF	ON	White	Red
005	Not used	BYP	BYP	Gray	Green

Tag Detail (25ZI-055A H2 OL HDR PRPOS FB)

Basic

Tag Name	25ZI-055A
Model Name	PVI-DV
Tag Comment	H2 OL HDR PRPOS FB
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25ZI-055B H2 OL HDR PRPOS FB)

Basic

Tag Name	25ZI-055B
Model Name	PVI-DV
Tag Comment	H2 OL HDR PRPOS FB
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PIC55A-CL1 H2 OL HDR PRCNTRL CMD)

Basic

Tag Name	25PIC55A-CL1
Model Name	CALCU
Tag Comment	H2 OL HDR PRCNTRL CMD
Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PIC55A-CL1 H2 OL HDR PRCNTRL CMD)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-055A.PV               !CV FB
   006        alias   O1      25ZI-055A.SV               !CV OUTPUT
   007        alias   DL1     25ZI-055A.DL               !CV DEV VALUE
   008        alias   DVP1    {25ZI-055A.AF.DV+}      !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-055A.AF.DV-}      !CV DV- ALARM MASK
   010        ! P01                                          !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015        !
   016        !IF (B>DL1)AND (P02<P01)THEN
   017        !   P02 = P02+1                         !CV MTM TIME DELAY
   018        !ELSE IF (B>DL1)AND(P02>=P01) THEN
   019        !   P02 = P01                               !CV MTM TIME DELAY
   020        !ELSE
   021        !   P02 = 0
   022        !END IF
   023        !
   024        !IF (P02>=P01) THEN
   025        !   DVP1=0
   026        !   DVM1=0
   027        !ELSE
   028        !   DVP1=1
   029        !   DVM1=1
   030        !END IF
   031
```

Tag Detail (25PIC55B-CL2 H2 CMD FRM OL HDR PR)

Basic

Tag Name	25PIC55B-CL2
Model Name	CALCU
Tag Comment	H2 CMD FRM OL HDR PR
Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PIC55B-CL2 H2 CMD FRM OL HDR PR)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-055B.PV               !CV FB
   006        alias   O1      25ZI-055B.SV               !CV OUTPUT
   007        alias   DL1     25ZI-055B.DL               !CV DEV VALUE
   008        alias   DVP1    {25ZI-055B.AF.DV+}      !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-055B.AF.DV-}      !CV DV- ALARM MASK
   010        ! P01                                      !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        !IF (B>DL1)AND (P02<P01)THEN
   017        !   P02 = P02+1                         !CV MTM TIME DELAY
   018        !ELSE IF (B>DL1)AND(P02>=P01) THEN
   019        !   P02 = P01                              !CV MTM TIME DELAY
   020        !ELSE
   021        !   P02 = 0
   022        !END IF
   023
   024        !IF (P02>=P01) THEN
   025        !   DVP1=0
   026        !   DVM1=0
   027        !ELSE
   028        !   DVP1=1
   029        !   DVM1=1
   030        !END IF
   031
```

Tag Detail (25PY055-LC1 DISC ALARM)

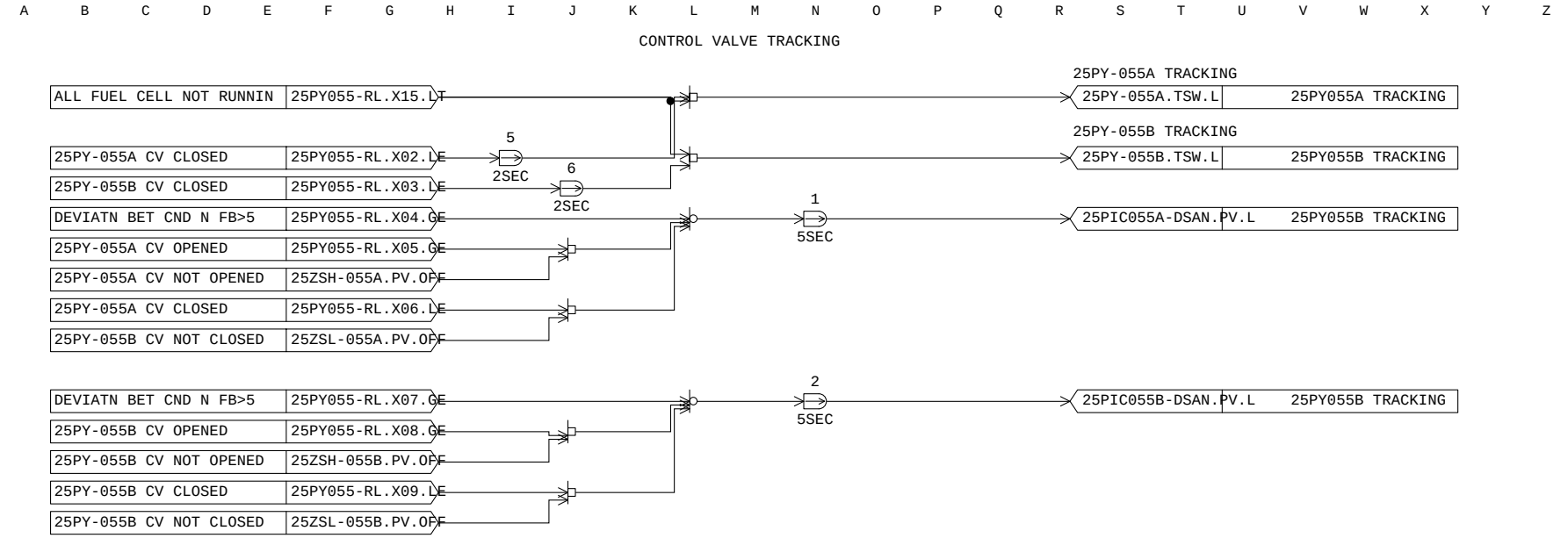
Basic

Tag Name	25PY055-LC1
Model Name	LC64-E
Tag Comment	DISC ALARM
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	25PY055-LC1.edf	SHEET:		YOKOGAWA	PAGE:3-25-14-15
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:43 AM	COMMENT:	DISC ALARM		
SECTION:	DR0036	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (25PY055-LC1 DISC ALARM)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (25PY055-RL 04HY11 POS FB COMP)

Basic

Tag Name	25PY055-RL
Model Name	RL
Tag Comment	04HY11 POS FB COMP
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001	25PY055-DS.SV	Relational Operation	0	DSET IS 0
002	25ZI-055A.PV	Relational Operation	2	25PY-055A CLOSED
003	25ZI-055B.PV	Relational Operation	2	25PY-055B CLOSED
004	25PIC55A-CL1.P03	Relational Operation	5	DEVIATION>5
005	25PY-055A.MV	Relational Operation	100	FULL OPN CMD
006	25PY-055A.MV	Relational Operation	0	FULL CLOSE CMD
007	25PIC55B-CL2.P03	Relational Operation	5	DEVIATION>5
008	25PY-055B.MV	Relational Operation	100	FULL OPN CMD
009	25PY-055B.MV	Relational Operation	3	FULL CLOSE CMD
010	25PI-055.PV	Relational Operation	4	LOW RANGE
011	25PI-055.PV	Relational Operation	6.5	HI RANGE
012	25PIC-055DP02.CPV	Relational Operation	3	FUEL CELL <=3
013	25PIC-055DP02.CPV	Relational Operation	6	FUEL CELL <=3
014	25PIC-055DP01.CPV	Relational Operation	0.31	
015	25PIC-055DP02.CPV	Relational Operation	1	FUEL CELL >=1

Tag Detail (25PIC55A-ST 25PIC55 INITIALIZATION)

Basic

Tag Name	25PIC55A-ST
Model Name	ST16
Tag Comment	25PIC55 INITIALIZATION
Lvl	4

Sequence Tables (25PIC55A-ST 25PIC55 INITIALIZATION)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	Comment
C01					
C02	25PIC-055B.XALRM	IOP	H2 OL HDR PRCNTRL	. . N .	
C03	25PY-055A.ALRM	OOP	H2 OL HDR PRCNTRL CMD	. . . Y	
C04	25PY-055B.ALRM	OOP	H2 CMD FRM OL HDR PR	. . . . Y	
C05					
C06					
C07					
C08					
C09					
C10					
C11					
C12					
C13					
C14					
C15					
C16					
C17					
C18					
C19					
C20					
C21					
C22					
C23					
C24					
C25					
C26					
C27					
C28					
C29					
C30					
C31					
C32					
A01				Y . . .	
A02				Y . . .	
A03					
A04	25PIC-055B.MODE	AUT	H2 OL HDR PRCNTRL	. . Y .	
A05	25PY-055A.MODE	MAN	H2 OL HDR PRCNTRL CMD	. . . Y	
A06	25PY-055B.MODE	MAN	H2 CMD FRM OL HDR PR	. . . . Y	
A07	25PY-055A.MODE	AUT	H2 OL HDR PRCNTRL CMD	. . . . Y	
A08	25PY-055B.MODE	AUT	H2 CMD FRM OL HDR PR	. . . . . Y	
A09					
A10					
A11					
A12					
A13					
A14					
A15					
A16					
A17					
A18					
A19					
A20					
A21					
A22					
A23					
A24					
A25					
A26					
A27					
A28					
A29					
A30					
A31					
A32					
PREV			THEN		
NEXT			ELSE		

Tag Detail (25PY055-LC2 BOTH VLV OPN DISC ALARM)

Basic

Tag Name	25PY055-LC2
Model Name	LC64-E
Tag Comment	BOTH VLV OPN DISC ALARM
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	25PY055-LC2.edf	SHEET:		YOKOGAWA	PAGE:3-25-14-19
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:43 AM	COMMENT:	BOTH VLV OPN DISC ALARM		
SECTION:	DR0036	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (25PY055-LC2 BOTH VLV OPN DISC ALARM)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1
2 CONTROL VALVE F/B CHECKING
3
4
5 64PIC031A OPEN 64ZSH-031A.PV.ON
6 64PIC031-OPNAN.PV.L 64PIC031 OPEN
7 64PIC031B OPEN 64ZSH-031B.PV.ON
8
9
10
11
12
13
14
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31
32

Tag Detail (25PI055-CL02 H2 OL HDR PR DEV)

Basic

Tag Name	25PI055-CL02
Model Name	CALCU
Tag Comment	H2 OL HDR PR DEV
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PI055-CL02 H2 OL HDR PR DEV)

```
Line Number   General-Purpose Calculation Formula
   001
   002        *APPLICATION :MANUAL SELECTION FOR VALVE 1 & 2
   003        ****************************************************************
   004        program
   005
   006            Alias MD    MODE.PV             !CURRENT MODE
   007            Alias SMD   87MODE-001.PV       !Selected mode
   008            alias A 25PI-035.PV
   009            alias B 25PI-037.PV
   010            alias C 25PI-040.PV
   011            alias D 25PI-043.PV
   012            alias E 25PI-046.PV
   013            alias F 25PI-049.PV
   014            ALIAS RSIL      V2500-RSIL.PV
   015        if(MD==9)then
   016        P01=1
   017            if(P01==1 and SMD==10)then
   018                P02=1
   019            else
   020        !   P01=0
   021            P02=0
   022            end if
   023        else if (P02==0 and MD<>10)then
   024            P01=0
   025        !   P02=0
   026            end if
   027        if((P02==1) and ((A<=2) OR (B<=2) OR (C<=2) OR (D<=2) OR (E<=2) OR (F<=2)))then
   028        RSIL=1
   029        else if(P02==1 and((A>=2) OR (B>=2) OR (C>=2) OR (D>=2) OR (E>=2) OR (F>=2))) then
   030        RSIL=0
   031        P01=0
   032        P02=0
   033        end if
   034        end
```

Tag Detail (25PIC-055DP02 NO OF FUEL CELL RUNN)

Basic

Tag Name	25PIC-055DP02
Model Name	CALCU
Tag Comment	NO OF FUEL CELL RUNN
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PIC-055DP02 NO OF FUEL CELL RUNN)

```
Line Number   General-Purpose Calculation Formula
   001        program
   002        Alias FC1 87US-0001.PV             !1 FUEL CELL RUNNING
   003        Alias FC2 87US-0002.PV             !1 FUEL CELL RUNNING
   004        Alias FC3 87US-0003.PV             !1 FUEL CELL RUNNING
   005        Alias FC4 87US-0004.PV             !1 FUEL CELL RUNNING
   006        Alias FC5 87US-0005.PV             !1 FUEL CELL RUNNING
   007        Alias FC6 87US-0006.PV             !1 FUEL CELL RUNNING
   008        Alias VL1P  25PIC55A-VL1.DMVP              !RISE SPEED
   009        Alias VL2P  25PIC55B-VL1.DMVP              !RISE SPEED
   010        Alias VL1M  25PIC55A-VL1.DMVM              !LOWER SPEED
   011        Alias VL2M  25PIC55B-VL1.DMVM              !LOWER CELL RUNNING
   012
   013
   014        P01=FC1+FC2+FC3+FC4+FC5+FC6
   015        IF (P01==1)THEN
   016        VL1P=6
   017        VL2P=6
   018        ELSE
   019        VL1P=100
   020        VL2P=100
   021        END IF
   022        end
   023        CPV=P01
   024
```

Tag Detail (25PY055-LC3 VALVE OPERATION)

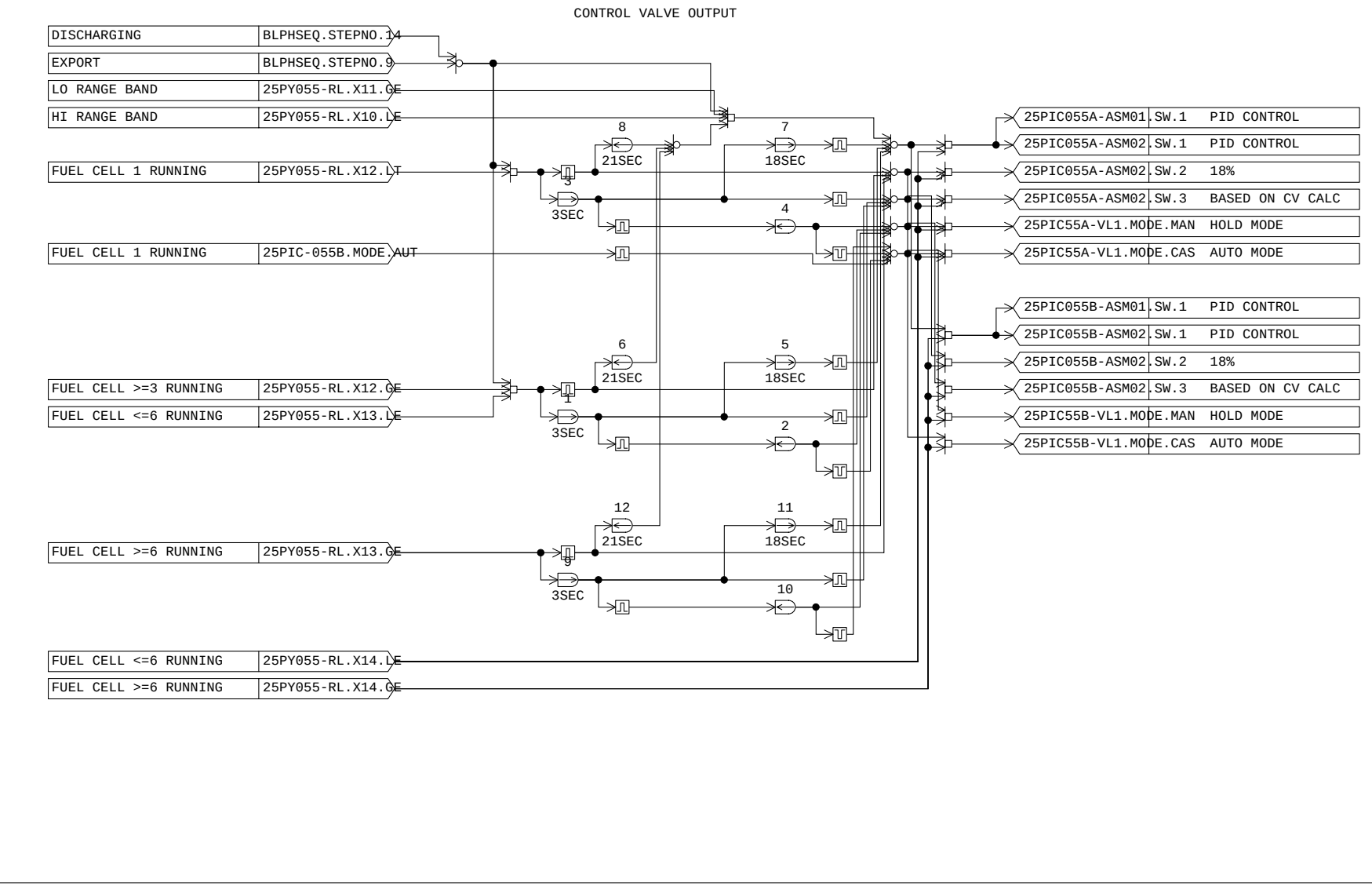
Basic

Tag Name	25PY055-LC3
Model Name	LC64-E
Tag Comment	VALVE OPERATION
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	25PY055-LC3.edf	SHEET:		YOKOGAWA	PAGE:3-25-14-25
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:43 AM	COMMENT:	VALVE OPERATION		
SECTION:	DR0036	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (25PY055-LC3 VALVE OPERATION)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (25PI055-CL03 25PIC-055 SETPOINT)

Basic

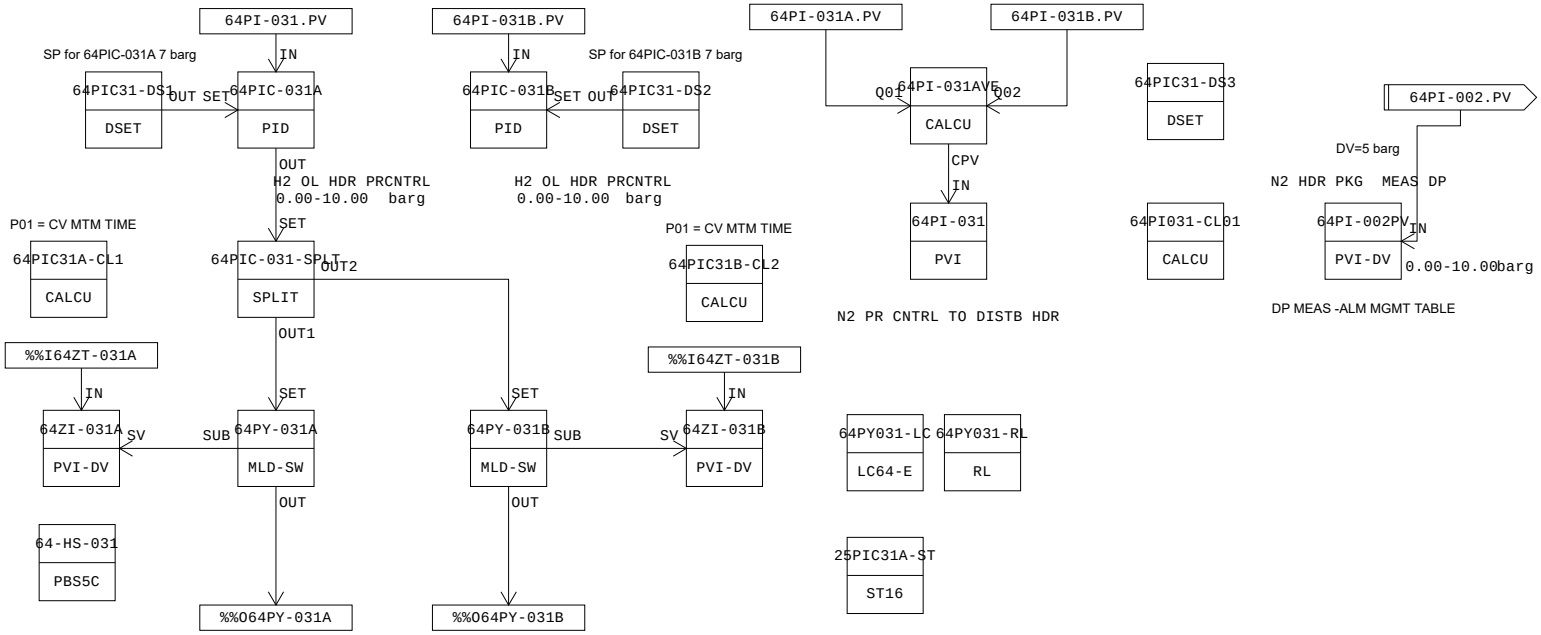
Tag Name	25PI055-CL03
Model Name	CALCU
Tag Comment	25PIC-055 SETPOINT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PI055-CL03 25PIC-055 SETPOINT)

```
Line Number   General-Purpose Calculation Formula
   001
   002        *APPLICATION :MANUAL SELECTION FOR VALVE 1 & 2
   003        ****************************************************************
   004
   005        Alias SP    25PIC55-DS1.SV      !SETPOINT
   006        Alias CURPW 87UI-005.PV     !FC CURRENT POWER
   007        Alias TARPW 87UI-006.PV     !FC CURRENT POWER
   008
   009        P01=TARPW-CURPW
   010        If(P01>0 AND SP<=6.5)then
   011         SP=SP + 0.05
   012        End if
   013
   014        If(P01<0 AND SP>=5.0)then
   015         SP=SP - 0.05
   016        End if
   017
   018
```

PROJECT:	BLPH-CW1	FILE NAME:	DR0037.edf	SHEET:		YOKOGAWA	PAGE:3-25-15-1
STATION:	FCS0101	SAVED DATE:	6/28/2025 1:00:19 AM	COMMENT:	64PIC-031A/B VALVE		
SECTION:	DR0037	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0037 | BLPH-CW | TYP006 | 64PIC-031A/B VALVECONTROL VAL'



PROJECT:	BLPH-CW1	FILE NAME:	DR0037.edf	SHEET:		YOKOGAWA	PAGE:3-25-15-2
STATION:	FCS0101	SAVED DATE:	6/28/2025 1:00:19 AM	COMMENT:	64PIC-031A/B VALVE		
SECTION:	DR0037	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:64PIC-031A/B VALVE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	64PIC31-DS1	DSET		0.0	10.0	barg			
		64PIC-031A.SET				4			
002	64PIC-031A	PID	H2 OL HDR PRCNTRL	0.00	10.00	barg	No	No	64PI-031.PV
		64PIC-031-SPLT.SET		64PIC31-DS1.OUT		3			
003	64PIC31-DS2	DSET		0.0	10.0	barg			
		64PIC-031B.SET				4			
004	64PIC-031-SPLT	SPLIT		0	0	%			
				64PIC-031A.OUT		4			
005	64PIC-031B	PID	H2 OL HDR PRCNTRL	0.00	10.00	barg	No	No	64PI-031B.PV
				64PIC31-DS2.OUT		3			
006	64PY-031A	MLD-SW	H2 OL HDR PRCNTRL CMD	0	0	%			
		%%O64PY-031A		64PIC-031-SPLT.OUT1		3			
007	64PY-031B	MLD-SW	H2 CMD FRM OL HDR PR	0	0	%			
		%%O64PY-031B		64PIC-031-SPLT.OUT2		3			
008	64-HS-031	PBS5C	DUTY VALVE SELECTION	0	0				
						3			
009	64ZI-031A	PVI-DV	H2 OL HDR PRPOS FB	0.0	100.0	%	No	No	%%I64ZT-031A
						4			
010	64ZI-031B	PVI-DV	H2 OL HDR PRPOS FB	0.0	100.0	%	No	No	%%I64ZT-031B
						4			
011	64PIC31A-CL1	CALCU	H2 OL HDR PRCNTRL CMD	0.0	100.0	%	No	No	
						5			
012	64PIC31B-CL2	CALCU	H2 CMD FRM OL HDR PR	0.0	100.0	%	No	No	
						5			
013	64PY031-RL	RL	04HY11 POS FB COMP	0	0				
						4			
014	64PY031-LC	LC64-E		0	0				
						4			
015	25PIC31A-ST	ST16	PUMP CMN FLT ALARMS	0	0				
						4			
016	64PI-002PV	PVI-DV	N2 HDR PKG MEAS DP	0.00	10.00	barg	No	No	>64PI-002.PV
						4			
017	64PI031-CL01	CALCU	H2 OL HDR PR DEV	0.0	200.0	(None)	No	No	
						4			
018	64PIC31-DS3	DSET	SET 0	0.0	7.0	barg			
						4			
019	64PI-031AVE	CALCU	H2 OL HDR PR	0.00	100.00	barg	No	No	
						3			
020	64PI-031	PVI	N2 PR CNTRL TO DISTB HDR	0.00	10.00	barg	No	No	64PI-031AVE.CPV
						4			

Tag Detail (64PIC31-DS1)

Basic

Tag Name	64PIC31-DS1
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (64PIC-031A H2 OL HDR PRCNTRL)

Basic

Tag Name	64PIC-031A
Model Name	PID
Tag Comment	H2 OL HDR PRCNTRL
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Reverse
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	Yes

Tag Detail (64PIC31-DS2)

Basic

Tag Name	64PIC31-DS2
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (64PIC-031-SPLT)

Basic

Tag Name	64PIC-031-SPLT
Model Name	SPLIT
Tag Comment	
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0

Connection

Set Value Input(SET)	64PIC-031A.OUT
Operation Output 1(OUT1)	64PY-031A.SET
Operation Output 2(OUT2)	64PY-031B.SET

Tag Detail (64PIC-031B H2 OL HDR PRCNTRL)

Basic

Tag Name	64PIC-031B
Model Name	PID
Tag Comment	H2 OL HDR PRCNTRL
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Reverse
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	

Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	Yes

Tag Detail (64PY-031A H2 OL HDR PRCNTRL CMD)

Basic

Tag Name	64PY-031A
Model Name	MLD-SW
Tag Comment	H2 OL HDR PRCNTRL CMD
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (64PY-031B H2 CMD FRM OL HDR PR)

Basic

Tag Name	64PY-031B
Model Name	MLD-SW
Tag Comment	H2 CMD FRM OL HDR PR
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (64-HS-031 DUTY VALVE SELECTION)

Basic

Tag Name	64-HS-031
Model Name	PBS5C
Tag Comment	DUTY VALVE SELECTION
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	64-HS-031.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	64-HS-031.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	64-HS-031.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	64-HS-031.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	64PY031A	64PY031A	Gray	Green
002	Not used	OFF	ON	White	Red
003	Button with Lamp	64PY031B	64PY031B	Gray	Green
004	Not used	OFF	ON	White	Red
005	Not used	BYP	BYP	Gray	Green

Tag Detail (64ZI-031A H2 OL HDR PRPOS FB)

Basic

Tag Name	64ZI-031A
Model Name	PVI-DV
Tag Comment	H2 OL HDR PRPOS FB

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64ZI-031B H2 OL HDR PRPOS FB)

Basic

Tag Name	64ZI-031B
Model Name	PVI-DV
Tag Comment	H2 OL HDR PRPOS FB
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64PIC31A-CL1 H2 OL HDR PRCNTRL CMD)

Basic

Tag Name	64PIC31A-CL1
Model Name	CALCU
Tag Comment	H2 OL HDR PRCNTRL CMD
Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (64PIC31A-CL1 H2 OL HDR PRCNTRL CMD)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      64ZI-031A.PV               !CV FB
   006        alias   O1      64ZI-031A.SV               !CV OUTPUT
   007        alias   DL1     64ZI-031A.DL               !CV DEV VALUE
   008        alias   DVP1    {64ZI-031A.AF.DV+}      !CV DV+ ALARM MASK
   009        alias   DVM1    {64ZI-031A.AF.DV-}      !CV DV- ALARM MASK
   010        ! P01                                          !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (64PIC31B-CL2 H2 CMD FRM OL HDR PR)

Basic

Tag Name	64PIC31B-CL2
Model Name	CALCU
Tag Comment	H2 CMD FRM OL HDR PR
Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (64PIC31B-CL2 H2 CMD FRM OL HDR PR)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      64ZI-031B.PV               !CV FB
   006        alias   O1      64ZI-031B.SV               !CV OUTPUT
   007        alias   DL1     64ZI-031B.DL               !CV DEV VALUE
   008        alias   DVP1    {64ZI-031B.AF.DV+}      !CV DV+ ALARM MASK
   009        alias   DVM1    {64ZI-031B.AF.DV-}      !CV DV- ALARM MASK
   010        ! P01                                      !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (64PY031-RL 04HY11 POS FB COMP)

Basic

Tag Name	64PY031-RL
Model Name	RL
Tag Comment	04HY11 POS FB COMP
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001		Relational Operation		DSET IS 0
002	64ZI-031A.PV	Relational Operation	2	25PY-055A CLOSED
003	64ZI-031B.PV	Relational Operation	2	25PY-055B CLOSED
004	64PIC31A-CL1.P03	Relational Operation	5	DEVIATION>5
005	64PY-031A.MV	Relational Operation	100	FULL OPN CMD
006	64PY-031A.MV	Relational Operation	0	FULL CLOSE CMD
007	64PIC31B-CL2.P03	Relational Operation	5	DEVIATION>5
008	64PY-031B.MV	Relational Operation	100	FULL OPN CMD
009	64PY-031B.MV	Relational Operation	0	FULL CLOSE CMD

Tag Detail (64PY031-LC)

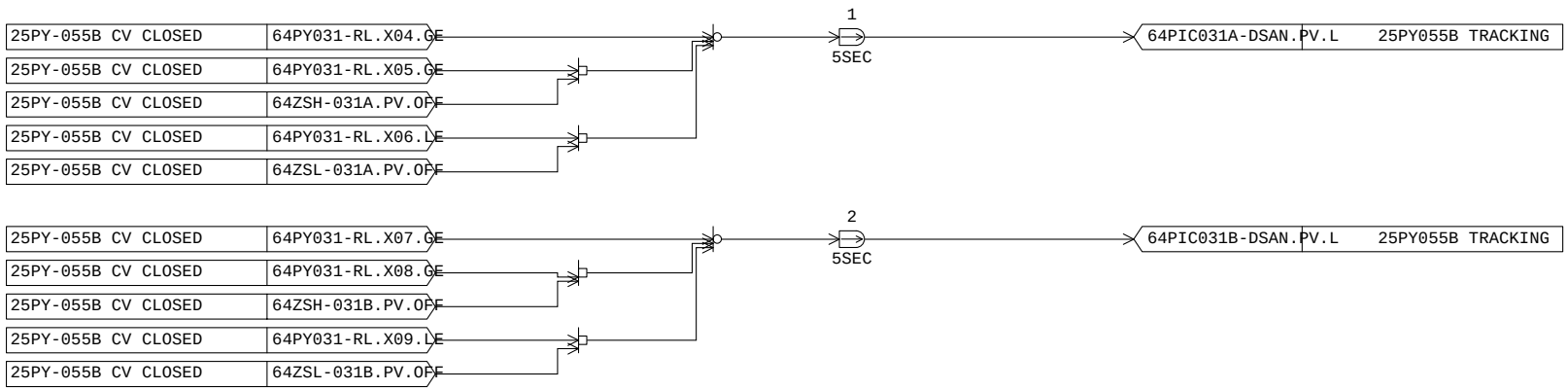
Basic

Tag Name	64PY031-LC
Model Name	LC64-E
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	64PY031-LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-15-10
STATION:	FCS0101	SAVED DATE:	6/28/2025 12:52:37 AM	COMMENT:			
SECTION:	DR0037	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (64PY031-LC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (25PIC31A-ST PUMP CMN FLT ALARMS)

Basic

Tag Name	25PIC31A-ST
Model Name	ST16
Tag Comment	PUMP CMN FLT ALARMS
Lvl	4

Sequence Tables (25PIC31A-ST PUMP CMN FLT ALARMS)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01												
C02												
C03	64PY-031A.ALRM	OOP	H2 OL HDR PRCNTRL CMD	. . . N								
C04	64PY-031B.ALRM	OOP	H2 CMD FRM OL HDR PR		N							
C05	64PIC-031A.MODE	AUT	H2 OL HDR PRCNTRL		. Y . .							
C06												
C07												
C08												
C09												
C10												
C11												
C12												
C13												
C14												
C15												
C16												
C17												
C18												
C19												
C20												
C21												
C22												
C23												
C24												
C25												
C26												
C27												
C28												
C29												
C30												
C31												
C32												
A01												
A02												
A03												
A04												
A05	64PY-031A.MODE	AUT	H2 OL HDR PRCNTRL CMD	. . . Y								
A06	64PY-031B.MODE	AUT	H2 CMD FRM OL HDR PR		Y							
A07	64PY-031A.MODE	AUT	H2 OL HDR PRCNTRL CMD		. Y							
A08	64PY-031B.MODE	AUT	H2 CMD FRM OL HDR PR		. Y							
A09												
A10												
A11												
A12												
A13												
A14												
A15												
A16												
A17												
A18												
A19												
A20												
A21												
A22												
A23												
A24												
A25												
A26												
A27												
A28												
A29												
A30												
A31												
A32												
PREV			THEN									
NEXT			ELSE									

Tag Detail (64PI-002PV N2 HDR PKG MEAS DP)

Basic

Tag Name	64PI-002PV
Model Name	PVI-DV
Tag Comment	N2 HDR PKG MEAS DP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64PI031-CL01 H2 OL HDR PR DEV)

Basic

Tag Name	64PI031-CL01
Model Name	CALCU
Tag Comment	H2 OL HDR PR DEV
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (64PI031-CL01 H2 OL HDR PR DEV)

```
Line Number   General-Purpose Calculation Formula
   001
   002
   003       ****************************************************************
   004
   005           Alias SEL_A 64PI-031A.PV            !TX A Selected
   006           Alias SEL_B 64PI-031B.PV            !TX B Selected
   007           Alias SEL_C 64PI-002PV.PV       !TX C Selected
   008           Alias DVAN  64PI031-DVAN.PV     !Deviation SW
   009           long i,j,k,d
   010       d=0.5                                           !5% deviation of Range
   011       i= SEL_A - SEL_B        !Tx1-Tx2
   012       j= SEL_A - SEL_C        !Tx1-Tx3
   013       k= SEL_B - SEL_C        !Tx2-Tx3
   014       P01= lABS(i)
   015       P02= lABS(j)
   016       P03= lABS(k)
   017
   018       !   if(P01>d OR P02>d OR P03>d) then
   019       !       DVAN=1
   020       !   else
   021       !       DVAN=0
   022       !   end if
   023
   024       IF (P01>0.5 OR P02>0.5 OR P03>0.5)THEN
   025           P05 = P05+1                         !CV MTM TIME DELAY
   026       ELSE IF (B>DL1)AND(P05>=P04) THEN
   027           P05 = P04                               !CV MTM TIME DELAY
   028       ELSE
   029           P05 = 0
   030       END IF
   031
   032       IF (P05>=P04) THEN
   033       DVAN=1
   034       ELSE
   035       DVAN=0
   036       END IF
   037
   038
   039
```

Tag Detail (64PIC31-DS3 SET 0)

Basic

Tag Name	64PIC31-DS3
Model Name	DSET
Tag Comment	SET 0
Lvl	4
Scan Period	Basic Scan

Tag Detail (64PI-031AVE H2 OL HDR PR)

Basic

Tag Name	64PI-031AVE
Model Name	CALCU
Tag Comment	H2 OL HDR PR
Lvl	3
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (64PI-031AVE H2 OL HDR PR)

```
Line Number   General-Purpose Calculation Formula
   001        program
   002        * ------------------------------------------------------------------------------------------------------------
   003        *         One-of-two average transmitter selection
   004        *
   005        *       P01     Tx Selection 1=Tx1,2=Tx2 , 4=Both selection for AVE output
   006        *       P02     AUT/MAN Selection 0=AUT/*=MAN
   007        *       P03     IOP from CERR
   008        *       P04     Rate Limit (units/min)
   009        *       P05     BAD Count
   010        *       P06     Delay Time until making CERR
   011        *       P07     SPARE
   012        *       P08     SPARE
   013        *
   014        * The AUT/MAN selection is used as a guard to the Tx selection
   015        * done via the faceplate display. P02 must be selected to MAN
   016        * to enable manual selection i.e. writing to P01 by the HIS.
   017        *
   018        * If AUT mode is used, P01 tracks the calc average Tx to effect
   019        * a bumpless transfer to MAN mode. - the Tx selected in AUT
   020        * remains selected in MAN until changed via the faceplate display.
   021        *
   022        *Alarm of function keep Non IOP
   023        * ------------------------------------------------------------------------------------------------------------
   024            ALIAS   TX1BAD      {64PI-031A.PV=BAD}
   025            ALIAS   TX2BAD      {64PI-031B.PV=BAD}
   026            ALIAS   TX1QST      {64PI-031A.PV=CAL}
   027            ALIAS   TX2QST      {64PI-031B.PV=CAL}
   028            ALIAS   SH          64PI-031.SH
   029            ALIAS   SL          64PI-031.SL
   030        !   ALIAS   TX1SV       64PI-031.SV !For Passing SV to TX1
   031        !   ALIAS   TX2SV       64PI-031.SV !For Passing SV to TX2
   032        * ------------------------------------------------------------------------------------------------------------
   033        * BAD Count Calculation
   034            P05 = TX1BAD*(not TX1QST) + TX2BAD*(not TX2QST)
   035        * ------------------------------------------------------------------------------------------------------------
   036        * Tx Selection
   037            if (P02 == 0) then
   038                switch(P05)
   039                case 0:
   040                    P01 = 4
   041                case 1:
   042                    P01 = 1*(not TX1BAD) + 2*(not TX2BAD)
   043                end switch
   044            end if
   045        * ------------------------------------------------------------------------------------------------------------
   046        * For making IOP from CERR
   047            if(P05 == 2 and P06<=10) then
   048                P06 = P06 + 1           !For Delay time
   049                P03 = not(P06 == 10)
   050            else
   051                P06 = 0
   052                P03 = 1
   053            end if
   054        * ------------------------------------------------------------------------------------------------------------

   055        * Ouput without Ramping
   056            if(P01==4) then
   057                CPV=(RV1*(not TX1BAD) + RV2*(not TX2BAD))/2         ! AVE
   058            else if(P01<3) then
   059                CPV=RV1*(P01==1) + RV2*(P01==2)                 ! TX1,2
   060            end if
   061        * ------------------------------------------------------------------------------------------------------------
   062        * Output with Ramping
   063        *if(0<P04 and P04<(SH-SL) and (CPV1<(CPV-P04/60) or CPV1>(CPV+P04/60)))  then           !CPV1 is Target Value of CPV

   064        *       CPV = CPV+((1-2*(CPV1<CPV))*P04/60)/P03
   065        *   else
   066        *       CPV = CPV1/P03
   067        *   end if
   068        * ------------------------------------------------------------------------------------------------------------
   069        *Passing Final Selected Value to Individual Transmitter for Deviation Alarm
   070        !   TX1SV=CPV
   071        !   TX2SV=CPV
   072        end
   073
```

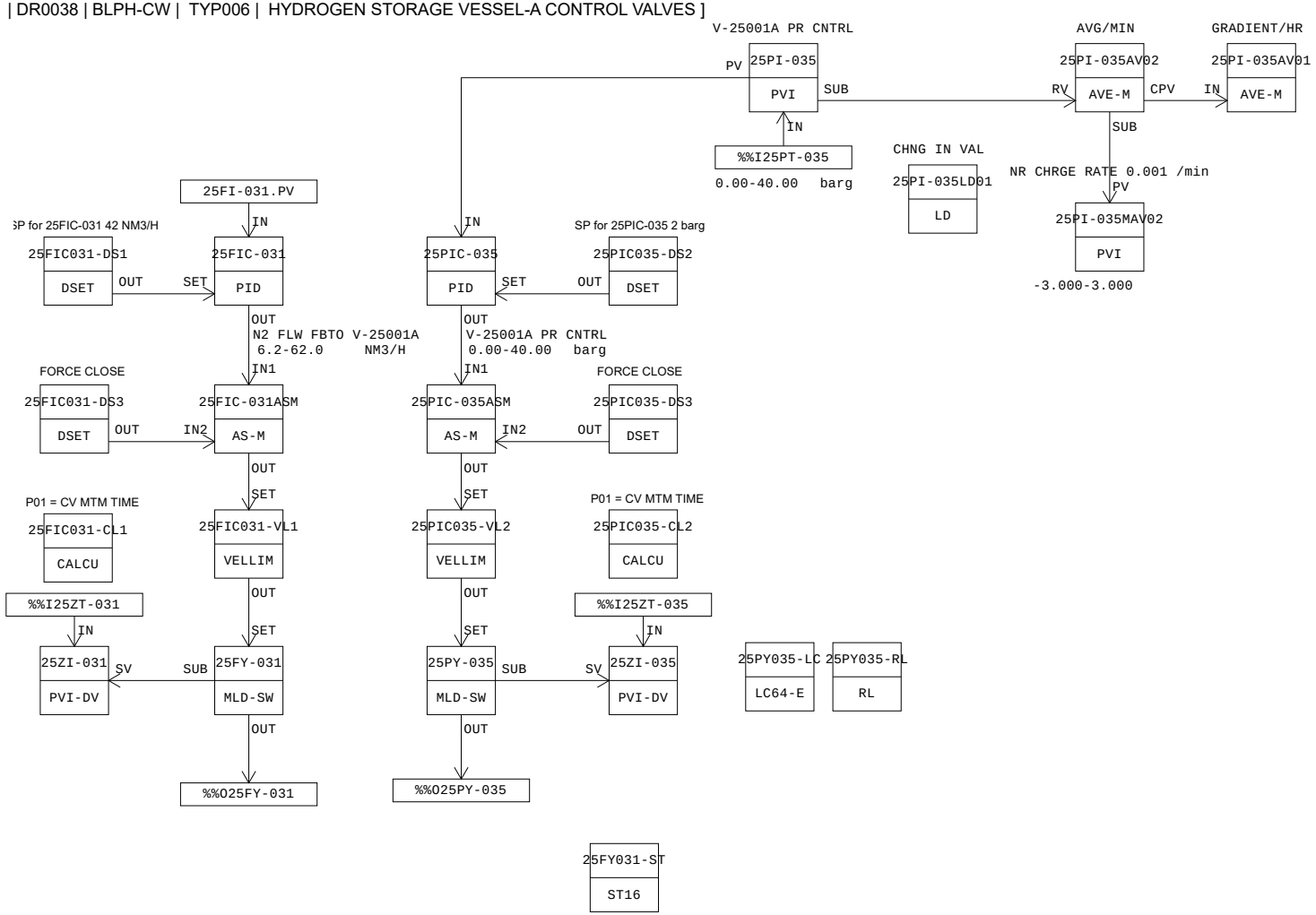
Tag Detail (64PI-031 N2 PR CNTRL TO DISTB HDR)

Basic

Tag Name	64PI-031
Model Name	PVI
Tag Comment	N2 PR CNTRL TO DISTB HDR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0038.edf	SHEET:		YOKOGAWA	PAGE:3-25-16-1
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:32:29 AM	COMMENT:	HYDROGEN VESSEL-A CONTROL		
SECTION:	DR0038	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0038 | BLPH-CW | TYP006 | HYDROGEN STORAGE VESSEL-A CONTROL VALVES]



PROJECT:	BLPH-CW1	FILE NAME:	DR0038.edf	SHEET:		YOKOGAWA	PAGE:3-25-16-2
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:32:29 AM	COMMENT:	HYDROGEN VESSEL-A CONTROL		
SECTION:	DR0038	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:HYDROGEN VESSEL-A CONTROL

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	25FIC031-DS1	DSET	SET POINT 25FIC-031	6.2	62.0	NM3/H			
		25FIC-031.SET				4			
002	25FIC-031	PID	N2 FLW FBTO V-25001A	6.2	62.0	NM3/H	No	No	25FI-031.PV
		25FIC-031ASM.IN1		25FIC031-DS1.OUT		3			
003	25FIC031-DS3	DSET	FOCE CLOSE 25FIC-031	0.0	100.0	(None)			
		25FIC-031ASM.IN2				4			
004	25FIC-031ASM	AS-M	V-25001A SELECTOR	0.0	100.0	%			
		25FIC031-VL1.SET				4			
005	25PIC035-DS3	DSET	FOCE CLOSE 25PIC-035	0.0	100.0	(None)			
		25PIC-035ASM.IN2				4			
006	25PIC035-DS2	DSET	SET POINT 25PIC-035	0.0	40.0	barg			
		25PIC-035.SET				4			
007	25PI-035	PVI	V-25001A PR CNTRL	0.00	40.00	barg	No	No	%%I25PT-035
						4			
008	25PIC-035	PID	V-25001A PR CNTRL	0.00	40.00	barg	No	No	25PI-035.PV
		25PIC-035ASM.IN1		25PIC035-DS2.OUT		3			
009	25PIC-035ASM	AS-M	V-25001A SELECTOR	0.0	100.0	%			
		25PIC035-VL2.SET				4			
010	25FIC031-VL1	VELLIM	N2 FLW FBTO V-25001A	0	0	%			
		25FY-031.SET		25FIC-031ASM.OUT		4			
011	25PIC035-VL2	VELLIM	V-25001A PR CNTRL	0	0	%			
		25PY-035.SET		25PIC-035ASM.OUT		4			
012	25FY-031	MLD-SW	N2 CMD TO V-25001A	0	0	%			
		%%O25FY-031		25FIC031-VL1.OUT		3			
013	25PY-035	MLD-SW	V-25001A PR CNTRL CMD	0	0	%			
		%%O25PY-035		25PIC035-VL2.OUT		3			
014	25ZI-031	PVI-DV	N2 POS FB TOV-25001A	0.0	100.0	%	No	No	%%I25ZT-031
						4			
015	25ZI-035	PVI-DV	V-25001A POS FB	0.0	100.0	%	No	No	%%I25ZT-035
						4			
016	25FIC031-CL1	CALCU	N2 POS FB TOV-25001A	0.0	100.0	%	No	No	
						5			
017	25PIC035-CL2	CALCU	V-25001A POS FB	0.0	100.0	%	No	No	
						5			
018	25FY031-ST	ST16	PUMP CMN FLT ALARMS	0	0				
						4			
019	25PY035-RL	RL	04HY11 POS FB COMP	0	0				
						4			
020	25PY035-LC	LC64-E	V-25001A LOGIC	0	0				
						4			
021	25PI-035LD01	LD	CHNG IN VAL	-40.00	40.00	barg	No		
						4			
022	25PI-035AV02	AVE-M	AVG/MIN	-40.00	40.00	barg	No		
						4			
023	25PI-035AV01	AVE-M	GRADIENT/HR	-3.000	3.000	barg	No		25PI-035AV02.CPV
						4			
024	25PI-035MAV02	PVI	NR CHRGE RATE 0.001 /min	-3.000	3.000		No	No	
						4			

Tag Detail (25FIC031-DS1 SET POINT 25FIC-031)

Basic

Tag Name	25FIC031-DS1
Model Name	DSET
Tag Comment	SET POINT 25FIC-031
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-031 N2 FLW FBTO V-25001A)

Basic

Tag Name	25FIC-031
Model Name	PID
Tag Comment	N2 FLW FBTO V-25001A
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Reverse
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25FIC031-DS3 FOCE CLOSE 25FIC-031)

Basic

Tag Name	25FIC031-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25FIC-031
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-031ASM V-25001A SELECTOR)

Basic

Tag Name	25FIC-031ASM
Model Name	AS-M
Tag Comment	V-25001A SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25FIC-031.OUT
Signal Input 2(IN2)	25FIC031-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25FIC031-VL1.SET
Interlock Switch Input(INT)	

Tag Detail (25PIC035-DS3 FOCE CLOSE 25PIC-035)

Basic

Tag Name	25PIC035-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25PIC-035
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PIC035-DS2 SET POINT 25PIC-035)

Basic

Tag Name	25PIC035-DS2
Model Name	DSET
Tag Comment	SET POINT 25PIC-035
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PI-035 V-25001A PR CNTRL)

Basic

Tag Name	25PI-035
Model Name	PVI
Tag Comment	V-25001A PR CNTRL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PIC-035 V-25001A PR CNTRL)

Basic

Tag Name	25PIC-035
Model Name	PID
Tag Comment	V-25001A PR CNTRL
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Direct
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PIC-035ASM V-25001A SELECTOR)

Basic

Tag Name	25PIC-035ASM
Model Name	AS-M
Tag Comment	V-25001A SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25PIC-035.OUT
Signal Input 2(IN2)	25PIC035-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25PIC035-VL2.SET
Interlock Switch Input(INT)	

Tag Detail (25FIC031-VL1 N2 FLW FBTO V-25001A)

Basic

Tag Name	25FIC031-VL1
Model Name	VELLIM
Tag Comment	N2 FLW FBTO V-25001A
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (25PIC035-VL2 V-25001A PR CNTRL)

Basic

Tag Name	25PIC035-VL2
Model Name	VELLIM
Tag Comment	V-25001A PR CNTRL
Lvl	4

Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (25FY-031 N2 CMD TO V-25001A)

Basic

Tag Name	25FY-031
Model Name	MLD-SW
Tag Comment	N2 CMD TO V-25001A
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PY-035 V-25001A PR CNTRL CMD)

Basic

Tag Name	25PY-035
Model Name	MLD-SW
Tag Comment	V-25001A PR CNTRL CMD
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25ZI-031 N2 POS FB TOV-25001A)

Basic

Tag Name	25ZI-031
Model Name	PVI-DV
Tag Comment	N2 POS FB TOV-25001A
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25ZI-035 V-25001A POS FB)

Basic

Tag Name	25ZI-035
Model Name	PVI-DV
Tag Comment	V-25001A POS FB
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25FIC031-CL1 N2 POS FB TOV-25001A)

Basic

Tag Name	25FIC031-CL1
Model Name	CALCU
Tag Comment	N2 POS FB TOV-25001A

Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25FIC031-CL1 N2 POS FB TOV-25001A)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-031.PV             !CV FB
   006        alias   O1      25ZI-031.SV             !CV OUTPUT
   007        alias   DL1     25ZI-031.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-031.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-031.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                          !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25PIC035-CL2 V-25001A POS FB)

Basic

Tag Name	25PIC035-CL2
Model Name	CALCU
Tag Comment	V-25001A POS FB
Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PIC035-CL2 V-25001A POS FB)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-035.PV             !CV FB
   006        alias   O1      25ZI-035.SV             !CV OUTPUT
   007        alias   DL1     25ZI-035.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-035.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-035.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                       !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25FY031-ST PUMP CMN FLT ALARMS)

Basic

Tag Name	25FY031-ST
Model Name	ST16
Tag Comment	PUMP CMN FLT ALARMS
Lvl	4

Sequence Tables (25FY031-ST PUMP CMN FLT ALARMS)

Start Timing — Periodic Execution Type(T)
Output Timing — Output Only When Conditions Change(C)
Scan Period — Basic Scan
Control Period — 1
Control Phase — 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	25FY-031.ALRM	OOP	N2 CMD TO V-25001A	.Y..	.N..							
C02	25PY-035.ALRM	OOP	V-25001A PR CNTRL CMD	..Y.	..N.							
C03	25FIC-031.XALRM	IOP	N2 FLW FBTO V-25001A	...N	....							
C04	25PIC-035.XALRM	IOP	V-25001A PR CNTRL	....	N...							
C05	25FIC-031.MODE	AUT	N2 FLW FBTO V-25001A	....	.Y..							
C06	25PIC-035.MODE	AUT	V-25001A PR CNTRL	....	..Y.							
C07	25FIC-031.MODE	AUT	N2 FLW FBTO V-25001A	....	...Y							
C08	25PIC-035.MODE	AUT	V-25001A PR CNTRL	....	....	Y...						
C09				....	....	....	....	....	....	....	....	
C10				....	....	....	....	....	....	....	....	
C11				....	....	....	....	....	....	....	....	
C12				....	....	....	....	....	....	....	....	
C13				....	....	....	....	....	....	....	....	
C14				....	....	....	....	....	....	....	....	
C15				....	....	....	....	....	....	....	....	
C16				....	....	....	....	....	....	....	....	
C17				....	....	....	....	....	....	....	....	
C18				....	....	....	....	....	....	....	....	
C19				....	....	....	....	....	....	....	....	
C20				....	....	....	....	....	....	....	....	
C21				....	....	....	....	....	....	....	....	
C22				....	....	....	....	....	....	....	....	
C23				....	....	....	....	....	....	....	....	
C24				....	....	....	....	....	....	....	....	
C25				....	....	....	....	....	....	....	....	
C26				....	....	....	....	....	....	....	....	
C27				....	....	....	....	....	....	....	....	
C28				....	....	....	....	....	....	....	....	
C29				....	....	....	....	....	....	....	....	
C30				....	....	....	....	....	....	....	....	
C31				....	....	....	....	....	....	....	....	
C32				....	....	....	....	....	....	....	....	
A01	25FIC-031ASM.MODE	AUT	V-25001A SELECTOR	Y...	....	....	....	....	....	....	....	
A02	25PIC-035ASM.MODE	AUT	V-25001A SELECTOR	Y...	....	....	....	....	....	....	....	
A03	25FIC031-VL1.MODE	CAS	N2 FLW FBTO V-25001A	Y...	....	....	....	....	....	....	....	
A04	25PIC035-VL2.MODE	CAS	V-25001A PR CNTRL	Y...	....	....	....	....	....	....	....	
A05	25FY-031.MODE	MAN	N2 CMD TO V-25001A	.Y..	....	....	....	....	....	....	....	
A06	25PY-035.MODE	MAN	V-25001A PR CNTRL CMD	..Y.	....	....	....	....	....	....	....	
A07	25FIC-031.MODE	AUT	N2 FLW FBTO V-25001A	...Y	....	....	....	....	....	....	....	
A08	25PIC-035.MODE	AUT	V-25001A PR CNTRL	....	Y...	....	....	....	....	....	....	
A09	25FY-031.MODE	AUT	N2 CMD TO V-25001A	....	.Y..	....	....	....	....	....	....	
A10	25FIC-031ASM.MODE	AUT	V-25001A SELECTOR	....	.Y..	....	....	....	....	....	....	
A11	25PY-035.MODE	AUT	V-25001A PR CNTRL CMD	....	..Y.	....	....	....	....	....	....	
A12	25PIC-035ASM.MODE	AUT	V-25001A SELECTOR	....	..Y.	....	....	....	....	....	....	
A13	25FY-031.MODE	AUT	N2 CMD TO V-25001A	....	...Y	....	....	....	....	....	....	
A14	25PY-035.MODE	AUT	V-25001A PR CNTRL CMD	....	....	Y...	....	....	....	....	....	
A15				....	....	....	....	....	....	....	....	
A16				....	....	....	....	....	....	....	....	
A17				....	....	....	....	....	....	....	....	
A18				....	....	....	....	....	....	....	....	
A19				....	....	....	....	....	....	....	....	
A20				....	....	....	....	....	....	....	....	
A21				....	....	....	....	....	....	....	....	
A22				....	....	....	....	....	....	....	....	
A23				....	....	....	....	....	....	....	....	
A24				....	....	....	....	....	....	....	....	
A25				....	....	....	....	....	....	....	....	
A26				....	....	....	....	....	....	....	....	
A27				....	....	....	....	....	....	....	....	
A28				....	....	....	....	....	....	....	....	
A29				....	....	....	....	....	....	....	....	
A30				....	....	....	....	....	....	....	....	
A31				....	....	....	....	....	....	....	....	
A32				....	....	....	....	....	....	....	....	
	PREV		THEN	....	....	....	....	....	....	....	....	
				....	....	....	....	....	....	....	....	
	NEXT		ELSE	....	....	....	....	....	....	....	....	
				....	....	....	....	....	....	....	....	

Tag Detail (25PY035-RL 04HY11 POS FB COMP)

Basic

Tag Name	25PY035-RL
Model Name	RL
Tag Comment	04HY11 POS FB COMP
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001	25PI-035.PV	Relational Operation	1.5	
002		Relational Operation		
003		Relational Operation		
004	25FIC031-CL1.P03	Relational Operation	5	DEVIATION>5
005	25FY-031.MV	Relational Operation	100	FULL OPN CMD
006	25FY-031.MV	Relational Operation	0	FULL CLOSE CMD
007	25PIC035-CL2.P03	Relational Operation	5	DEVIATION>5
008	25PY-035.MV	Relational Operation	100	FULL OPN CMD
009	25PY-035.MV	Relational Operation	0	FULL CLOSE CMD
011	25PI-035AV01.CPV	Relational Operation	0.0	-VE GRAD
012		Relational Operation		
013		Relational Operation		
014		Relational Operation		
015		Relational Operation		
016		Relational Operation		

Tag Detail (25PY035-LC V-25001A LOGIC)

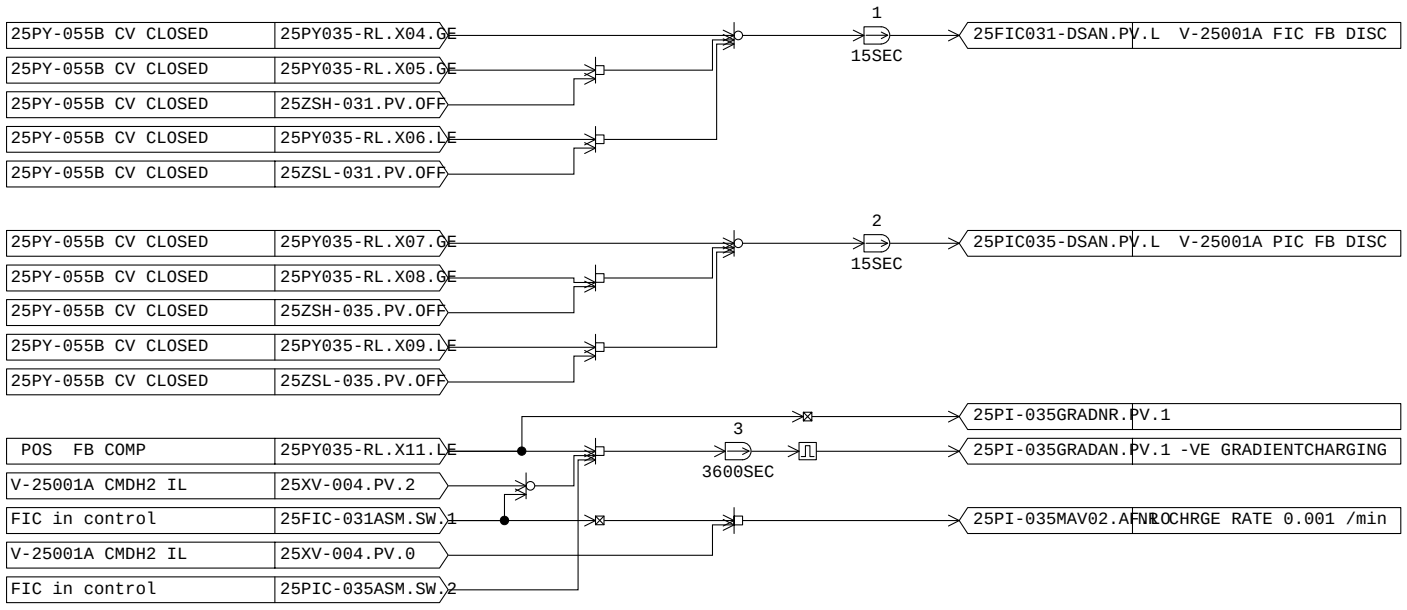
Basic

Tag Name	25PY035-LC
Model Name	LC64-E
Tag Comment	V-25001A LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	25PY035-LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-16-13
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:49 AM	COMMENT:	V-25001A LOGIC		
SECTION:	DR0038	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (25PY035-LC V-25001A LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (25PI-035LD01 CHNG IN VAL)

Basic

Tag Name	25PI-035LD01
Model Name	LD
Tag Comment	CHNG IN VAL
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-035AV02 AVG/MIN)

Basic

Tag Name	25PI-035AV02
Model Name	AVE-M
Tag Comment	AVG/MIN
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-035AV01 GRADIENT/HR)

Basic

Tag Name	25PI-035AV01
Model Name	AVE-M
Tag Comment	GRADIENT/HR
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

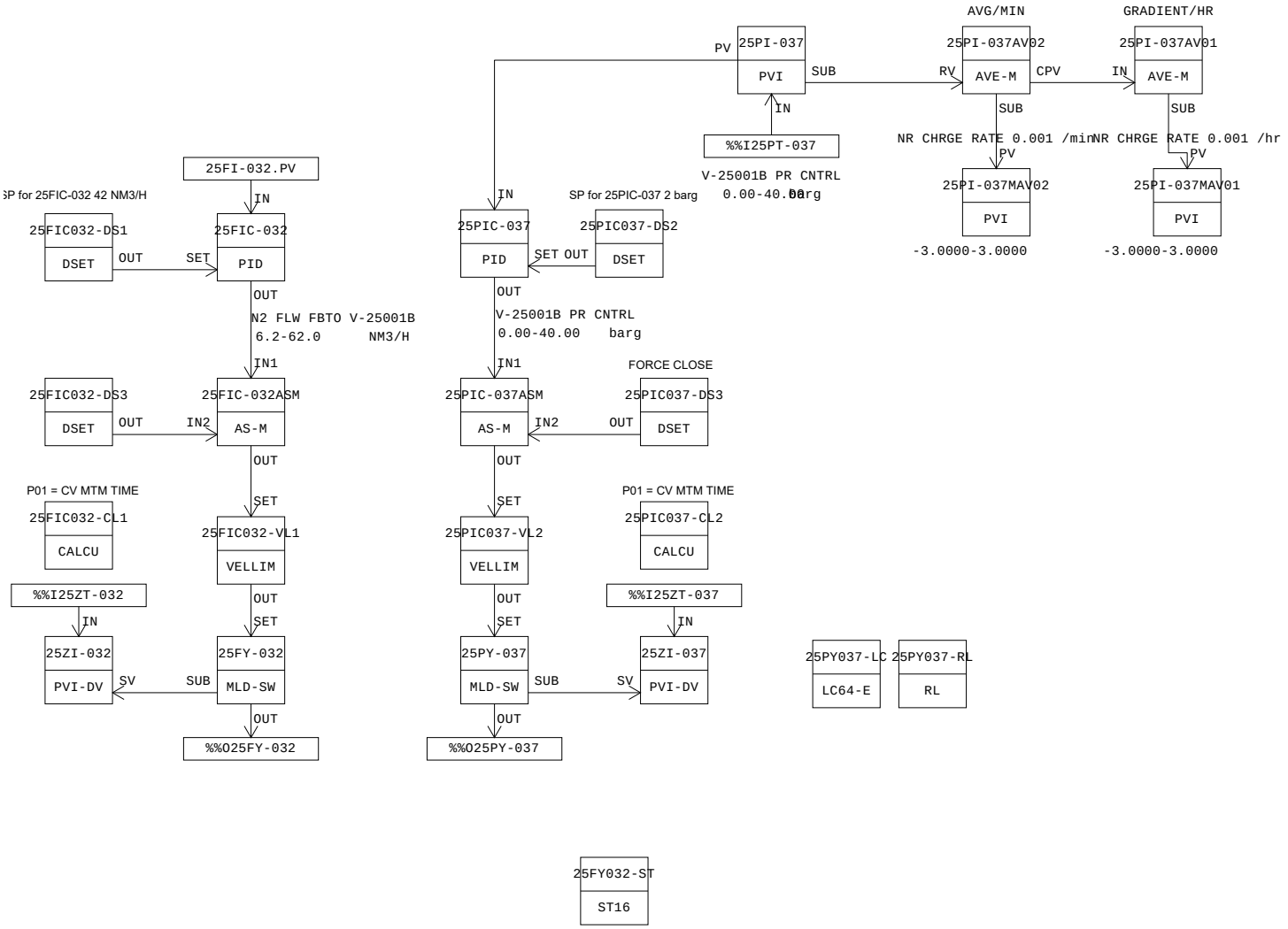
Tag Detail (25PI-035MAV02 NR CHRGE RATE 0.001 /min)

Basic

Tag Name	25PI-035MAV02
Model Name	PVI
Tag Comment	NR CHRGE RATE 0.001 /min
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0039.edf	SHEET:		YOKOGAWA	PAGE:3-25-17-1
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:33:15 AM	COMMENT:	HYDROGEN VESSEL-B CONTROL		
SECTION:	DR0039	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0039 | BLPH-CW | TYP006 | HYDROGEN STORAGE VESSEL-B CONTROL VALVES]



PROJECT:	BLPH-CW1	FILE NAME:	DR0039.edf	SHEET:		YOKOGAWA	PAGE:3-25-17-2
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:33:15 AM	COMMENT:	HYDROGEN VESSEL-B CONTROL		
SECTION:	DR0039	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:HYDROGEN VESSEL-B CONTROL

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	25FIC032-DS1	DSET	SET POINT 25FIC-032	6.2	62.0	NM3/H			
		25FIC-032.SET				4			
002	25FIC-032	PID	N2 FLW FBTO V-25001B	6.2	62.0	NM3/H	No	No	25FI-032.PV
		25FIC-032ASM.IN1		25FIC032-DS1.OUT		3			
003	25FIC032-DS3	DSET	FOCE CLOSE 25FIC-032	0.0	100.0	(None)			
		25FIC-032ASM.IN2				4			
004	25FIC-032ASM	AS-M	V-25001B SELECTOR	0.0	100.0	%			
		25FIC032-VL1.SET				4			
005	25PIC037-DS2	DSET	SET POINT 25PIC-037	0.0	40.0	barg			
		25PIC-037.SET				4			
006	25PI-037	PVI	V-25001B PR CNTRL	0.00	40.00	barg	No	No	%%I25PT-037
						4			
007	25PIC-037	PID	V-25001B PR CNTRL	0.00	40.00	barg	No	No	25PI-037.PV
		25PIC-037ASM.IN1		25PIC037-DS2.OUT		3			
008	25PIC037-DS3	DSET	FOCE CLOSE 25PIC-037	0.0	100.0	(None)			
		25PIC-037ASM.IN2				4			
009	25PIC-037ASM	AS-M	V-25001B SELECTOR	0.0	100.0	%			
		25PIC037-VL2.SET				4			
010	25FIC032-VL1	VELLIM	N2 FLW FBTO V-25001B	0	0	%			
		25FY-032.SET		25FIC-032ASM.OUT		4			
011	25PIC037-VL2	VELLIM	V-25001B PR CNTRL	0	0	%			
		25PY-037.SET		25PIC-037ASM.OUT		4			
012	25FY-032	MLD-SW	N2 CMD TO V-25001B	0	0	%			
		%%O25FY-032		25FIC032-VL1.OUT		3			
013	25PY-037	MLD-SW	V-25001B PR CNTRL CMD	0	0	%			
		%%O25PY-037		25PIC037-VL2.OUT		3			
014	25ZI-032	PVI-DV	N2 POS FB TOV-25001B	0.0	100.0	%	No	No	%%I25ZT-032
						4			
015	25ZI-037	PVI-DV	V-25001B POS FB	0.0	100.0	%	No	No	%%I25ZT-037
						4			
016	25FIC032-CL1	CALCU	N2 POS FB TOV-25001B	0.0	100.0	%	No	No	
						5			
017	25PIC037-CL2	CALCU	V-25001B POS FB	0.0	100.0	%	No	No	
						5			
018	25FY032-ST	ST16	PUMP CMN FLT ALARMS	0	0				
						4			
019	25PY037-RL	RL	04HY11 POS FB COMP	0	0				
						4			
020	25PY037-LC	LC64-E	V-25001B LOGIC	0	0				
						4			
021	25PI-037AV02	AVE-M	AVG/MIN	-3.0000	3.0000	barg	No		
						4			
022	25PI-037AV01	AVE-M	GRADIENT/HR	-3.0000	3.0000	barg	No		25PI-037AV02.CPV
						4			
023	25PI-037MAV02	PVI	NR CHRGE RATE 0.001 /min	-3.0000	3.0000		No	No	
						4			
024	25PI-037MAV01	PVI	NR CHRGE RATE 0.001 /hr	-3.0000	3.0000		No	No	
						4			

Tag Detail (25FIC032-DS1 SET POINT 25FIC-032)

Basic

Tag Name	25FIC032-DS1
Model Name	DSET
Tag Comment	SET POINT 25FIC-032
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-032 N2 FLW FBTO V-25001B)

Basic

Tag Name	25FIC-032
Model Name	PID
Tag Comment	N2 FLW FBTO V-25001B
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Reverse
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25FIC032-DS3 FOCE CLOSE 25FIC-032)

Basic

Tag Name	25FIC032-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25FIC-032
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-032ASM V-25001B SELECTOR)

Basic

Tag Name	25FIC-032ASM
Model Name	AS-M
Tag Comment	V-25001B SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25FIC-032.OUT
Signal Input 2(IN2)	25FIC032-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25FIC032-VL1.SET
Interlock Switch Input(INT)	

Tag Detail (25PIC037-DS2 SET POINT 25PIC-037)

Basic

Tag Name	25PIC037-DS2
Model Name	DSET
Tag Comment	SET POINT 25PIC-037
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PI-037 V-25001B PR CNTRL)

Basic

Tag Name	25PI-037
Model Name	PVI
Tag Comment	V-25001B PR CNTRL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1

Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PIC-037 V-25001B PR CNTRL)

Basic

Tag Name	25PIC-037
Model Name	PID
Tag Comment	V-25001B PR CNTRL
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Direct
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PIC037-DS3 FOCE CLOSE 25PIC-037)

Basic

Tag Name	25PIC037-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25PIC-037
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PIC-037ASM V-25001B SELECTOR)

Basic

Tag Name	25PIC-037ASM
Model Name	AS-M
Tag Comment	V-25001B SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25PIC-037.OUT
Signal Input 2(IN2)	25PIC037-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25PIC037-VL2.SET
Interlock Switch Input(INT)	

Tag Detail (25FIC032-VL1 N2 FLW FBTO V-25001B)

Basic

Tag Name	25FIC032-VL1
Model Name	VELLIM
Tag Comment	N2 FLW FBTO V-25001B
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (25PIC037-VL2 V-25001B PR CNTRL)

Basic

Tag Name	25PIC037-VL2
Model Name	VELLIM
Tag Comment	V-25001B PR CNTRL
Lvl	4

Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (25FY-032 N2 CMD TO V-25001B)

Basic

Tag Name	25FY-032
Model Name	MLD-SW
Tag Comment	N2 CMD TO V-25001B
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PY-037 V-25001B PR CNTRL CMD)

Basic

Tag Name	25PY-037
Model Name	MLD-SW
Tag Comment	V-25001B PR CNTRL CMD
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25ZI-032 N2 POS FB TOV-25001B)

Basic

Tag Name	25ZI-032
Model Name	PVI-DV
Tag Comment	N2 POS FB TOV-25001B
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25ZI-037 V-25001B POS FB)

Basic

Tag Name	25ZI-037
Model Name	PVI-DV
Tag Comment	V-25001B POS FB
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25FIC032-CL1 N2 POS FB TOV-25001B)

Basic

Tag Name	25FIC032-CL1
Model Name	CALCU
Tag Comment	N2 POS FB TOV-25001B

Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25FIC032-CL1 N2 POS FB TOV-25001B)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-032.PV             !CV FB
   006        alias   O1      25ZI-032.SV             !CV OUTPUT
   007        alias   DL1     25ZI-032.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-032.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-032.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                          !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25PIC037-CL2 V-25001B POS FB)

Basic

Tag Name	25PIC037-CL2
Model Name	CALCU
Tag Comment	V-25001B POS FB
Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PIC037-CL2 V-25001B POS FB)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-037.PV             !CV FB
   006        alias   O1      25ZI-037.SV             !CV OUTPUT
   007        alias   DL1     25ZI-037.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-037.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-037.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                       !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25FY032-ST PUMP CMN FLT ALARMS)

Basic

Tag Name	25FY032-ST
Model Name	ST16
Tag Comment	PUMP CMN FLT ALARMS
Lvl	4

Sequence Tables (25FY032-ST PUMP CMN FLT ALARMS)

Start Timing — Periodic Execution Type(T)
Output Timing — Output Only When Conditions Change(C)
Scan Period — Basic Scan
Control Period — 1
Control Phase — 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	25FY-032.ALRM	OOP	N2 CMD TO V-25001B	.Y..	.N..							
C02	25PY-037.ALRM	OOP	V-25001B PR CNTRL CMD	..Y.	..N.							
C03	25FIC-032.XALRM	IOP	N2 FLW FBTO V-25001B	...N	....							
C04	25PIC-037.XALRM	IOP	V-25001B PR CNTRL	....	N...							
C05	25FIC-031.MODE	AUT	N2 FLW FBTO V-25001A	....	.Y..							
C06	25PIC-035.MODE	AUT	V-25001A PR CNTRL	....	..Y.							
C07	25FIC-032.MODE	AUT	N2 FLW FBTO V-25001B	....	...Y							
C08	25PIC-037.MODE	AUT	V-25001B PR CNTRL	....	....	Y...						
C09				....	....	....	....	....	....	....	....	
C10				....	....	....	....	....	....	....	....	
C11				....	....	....	....	....	....	....	....	
C12				....	....	....	....	....	....	....	....	
C13				....	....	....	....	....	....	....	....	
C14				....	....	....	....	....	....	....	....	
C15				....	....	....	....	....	....	....	....	
C16				....	....	....	....	....	....	....	....	
C17				....	....	....	....	....	....	....	....	
C18				....	....	....	....	....	....	....	....	
C19				....	....	....	....	....	....	....	....	
C20				....	....	....	....	....	....	....	....	
C21				....	....	....	....	....	....	....	....	
C22				....	....	....	....	....	....	....	....	
C23				....	....	....	....	....	....	....	....	
C24				....	....	....	....	....	....	....	....	
C25				....	....	....	....	....	....	....	....	
C26				....	....	....	....	....	....	....	....	
C27				....	....	....	....	....	....	....	....	
C28				....	....	....	....	....	....	....	....	
C29				....	....	....	....	....	....	....	....	
C30				....	....	....	....	....	....	....	....	
C31				....	....	....	....	....	....	....	....	
C32				....	....	....	....	....	....	....	....	
A01	25FIC-032ASM.MODE	AUT	V-25001B SELECTOR	Y...	....	....	....	....	....	....	....	
A02	25PIC-037ASM.MODE	AUT	V-25001B SELECTOR	Y...	....	....	....	....	....	....	....	
A03	25FIC032-VL1.MODE	CAS	N2 FLW FBTO V-25001B	Y...	....	....	....	....	....	....	....	
A04	25PIC037-VL2.MODE	CAS	V-25001B PR CNTRL	Y...	....	....	....	....	....	....	....	
A05	25FY-032.MODE	MAN	N2 CMD TO V-25001B	.Y..	....	....	....	....	....	....	....	
A06	25PY-037.MODE	MAN	V-25001B PR CNTRL CMD	..Y.	....	....	....	....	....	....	....	
A07	25FIC-032.MODE	AUT	N2 FLW FBTO V-25001B	...Y	....	....	....	....	....	....	....	
A08	25PIC-037.MODE	AUT	V-25001B PR CNTRL	....	Y...	....	....	....	....	....	....	
A09	25FY-032.MODE	AUT	N2 CMD TO V-25001B	....	.Y..	....	....	....	....	....	....	
A10	25FIC-032ASM.MODE	AUT	V-25001B SELECTOR	....	.Y..	....	....	....	....	....	....	
A11	25PY-037.MODE	AUT	V-25001B PR CNTRL CMD	....	..Y.	....	....	....	....	....	....	
A12	25PIC-037ASM.MODE	AUT	V-25001B SELECTOR	....	..Y.	....	....	....	....	....	....	
A13	25FY-032.MODE	AUT	N2 CMD TO V-25001B	....	...Y	....	....	....	....	....	....	
A14	25PY-037.MODE	AUT	V-25001B PR CNTRL CMD	....	....	Y...	....	....	....	....	....	
A15				....	....	....	....	....	....	....	....	
A16				....	....	....	....	....	....	....	....	
A17				....	....	....	....	....	....	....	....	
A18				....	....	....	....	....	....	....	....	
A19				....	....	....	....	....	....	....	....	
A20				....	....	....	....	....	....	....	....	
A21				....	....	....	....	....	....	....	....	
A22				....	....	....	....	....	....	....	....	
A23				....	....	....	....	....	....	....	....	
A24				....	....	....	....	....	....	....	....	
A25				....	....	....	....	....	....	....	....	
A26				....	....	....	....	....	....	....	....	
A27				....	....	....	....	....	....	....	....	
A28				....	....	....	....	....	....	....	....	
A29				....	....	....	....	....	....	....	....	
A30				....	....	....	....	....	....	....	....	
A31				....	....	....	....	....	....	....	....	
A32				....	....	....	....	....	....	....	....	
PREV			THEN	....	....	....	....	....	....	....	....	
				....	....	....	....	....	....	....	....	
NEXT			ELSE	....	....	....	....	....	....	....	....	
				....	....	....	....	....	....	....	....	

Tag Detail (25PY037-RL 04HY11 POS FB COMP)

Basic

Tag Name	25PY037-RL
Model Name	RL
Tag Comment	04HY11 POS FB COMP
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001		Relational Operation		
002		Relational Operation		
003		Relational Operation		
004	25FIC032-CL1.P03	Relational Operation	5	DEVIATION>5
005	25FY-032.MV	Relational Operation	100	FULL OPN CMD
006	25FY-032.MV	Relational Operation	0	FULL CLOSE CMD
007	25PIC037-CL2.P03	Relational Operation	5	DEVIATION>5
008	25PY-037.MV	Relational Operation	100	FULL OPN CMD
009	25PY-037.MV	Relational Operation	0	FULL CLOSE CMD
011	25PI-037AV01.CPV	Relational Operation	0.0	-VE GRAD DURING CHARGIN
012		Relational Operation		
013		Relational Operation		
014		Relational Operation		
015		Relational Operation		
016		Relational Operation		

Tag Detail (25PY037-LC V-25001B LOGIC)

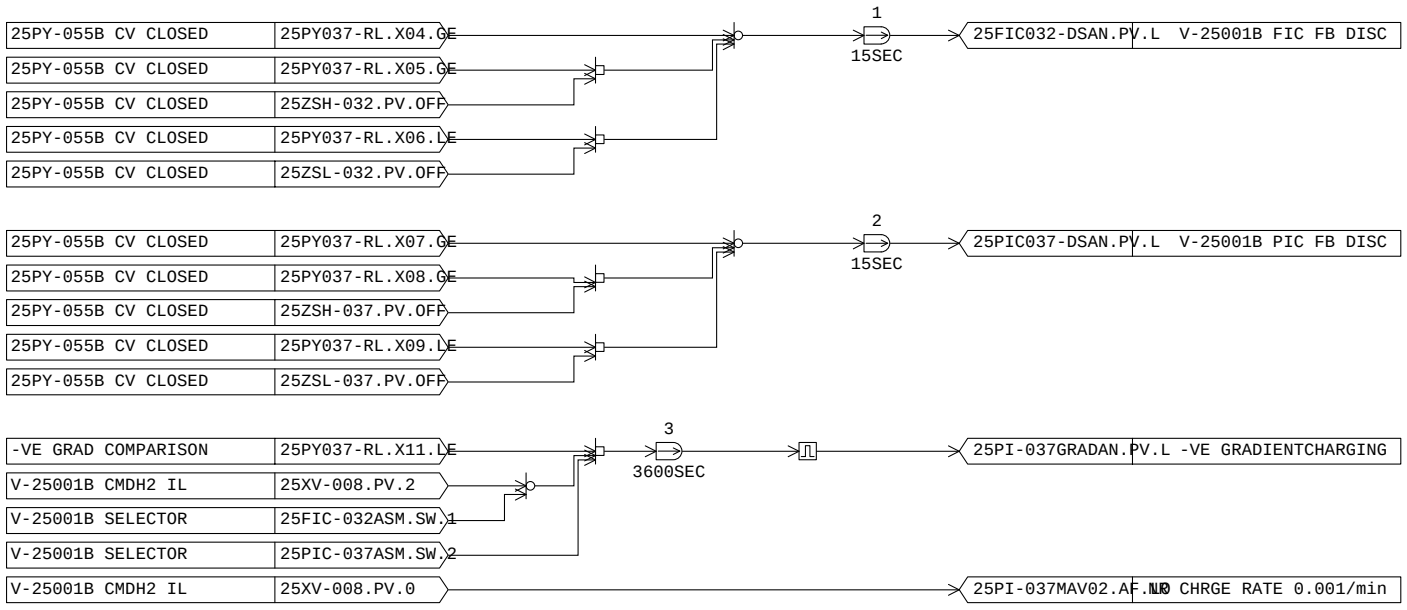
Basic

Tag Name	25PY037-LC
Model Name	LC64-E
Tag Comment	V-25001B LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	25PY037-LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-17-13
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:52 AM	COMMENT:	V-25001B LOGIC		
SECTION:	DR0039	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (25PY037-LC V-25001B LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (25PI-037AV02 AVG/MIN)

Basic

Tag Name	25PI-037AV02
Model Name	AVE-M
Tag Comment	AVG/MIN
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-037AV01 GRADIENT/HR)

Basic

Tag Name	25PI-037AV01
Model Name	AVE-M
Tag Comment	GRADIENT/HR
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-037MAV02 NR CHRGE RATE 0.001 /min)

Basic

Tag Name	25PI-037MAV02
Model Name	PVI
Tag Comment	NR CHRGE RATE 0.001 /min
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

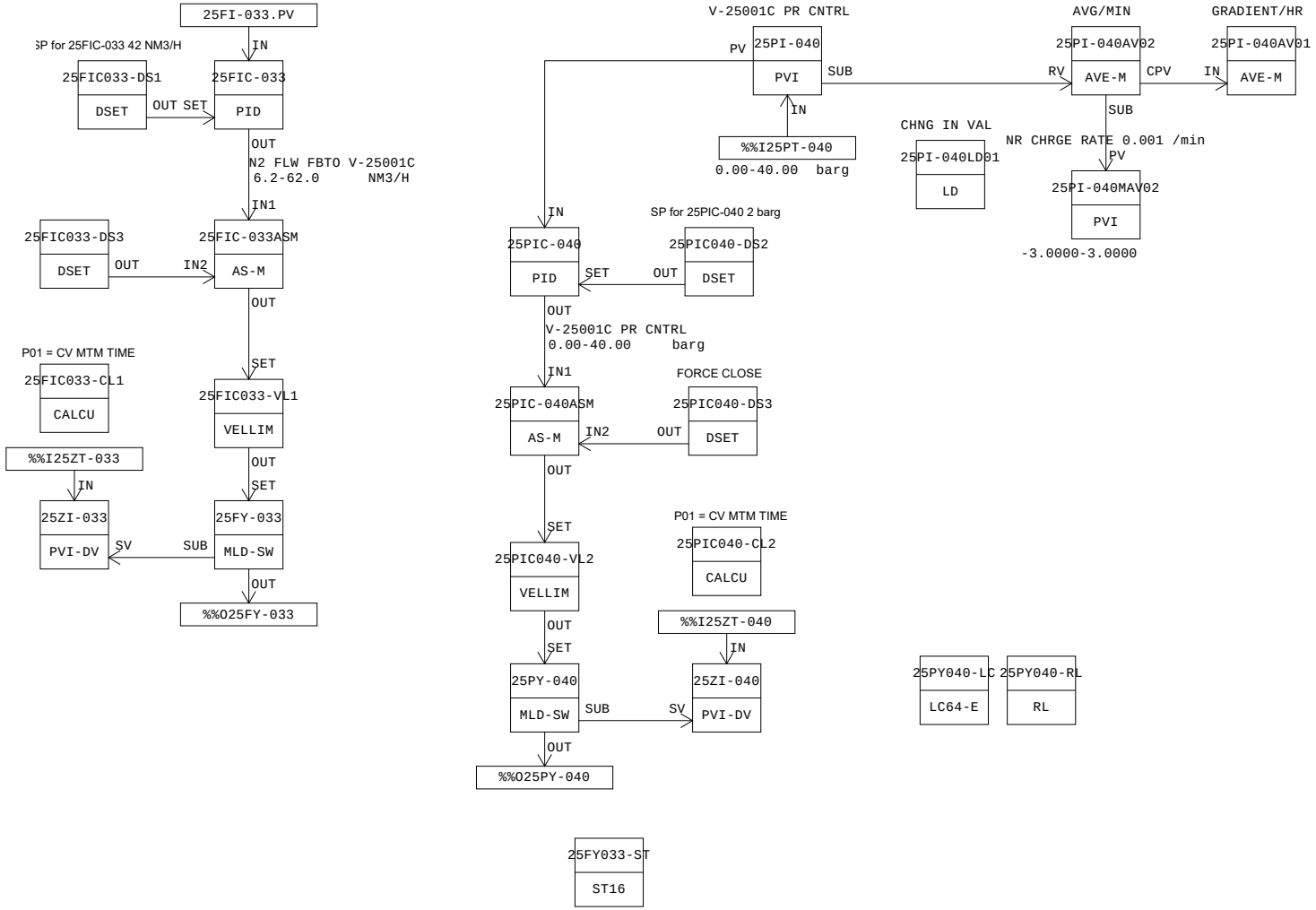
Tag Detail (25PI-037MAV01 NR CHRGE RATE 0.001 /hr)

Basic

Tag Name	25PI-037MAV01
Model Name	PVI
Tag Comment	NR CHRGE RATE 0.001 /hr
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0040.edf	SHEET:		YOKOGAWA	PAGE:3-25-18-1
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:34:04 AM	COMMENT:	HYDROGEN VESSEL-C CONTROL		
SECTION:	DR0040	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0040 | BLPH-CW | TYP006 | HYDROGEN STORAGE VESSEL-C CONTROL VALVES]



PROJECT:	BLPH-CW1	FILE NAME:	DR0040.edf	SHEET:			
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:34:04 AM	COMMENT:	HYDROGEN VESSEL-C CONTROL	YOKOGAWA	PAGE:3-25-18-2
SECTION:	DR0040	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:HYDROGEN VESSEL-C CONTROL

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	25FIC033-DS1	DSET	SET POINT 25FIC-033	6.2	62.0	NM3/H			
		25FIC-033.SET				4			
002	25FIC-033	PID	N2 FLW FBTO V-25001C	6.2	62.0	NM3/H	No	No	25FI-033.PV
		25FIC-033ASM.IN1		25FIC033-DS1.OUT		3			
003	25FIC033-DS3	DSET	FOCE CLOSE 25FIC-033	0.0	100.0	(None)			
		25FIC-033ASM.IN2				4			
004	25FIC-033ASM	AS-M	V-25001C SELECTOR	0.0	100.0	%			
		25FIC033-VL1.SET				4			
005	25PIC040-DS2	DSET	SET POINT 25PIC-040	0.0	40.0	barg			
		25PIC-040.SET				4			
006	25PI-040	PVI	V-25001C PR CNTRL	0.00	40.00	barg	No	No	%%I25PT-040
						4			
007	25PIC-040	PID	V-25001C PR CNTRL	0.00	40.00	barg	No	No	25PI-040.PV
		25PIC-040ASM.IN1		25PIC040-DS2.OUT		3			
008	25PIC040-DS3	DSET	FOCE CLOSE 25PIC-040	0.0	100.0	(None)			
		25PIC-040ASM.IN2				4			
009	25PIC-040ASM	AS-M	V-25001A SELECTOR	0.0	100.0	%			
		25PIC040-VL2.SET				4			
010	25FIC033-VL1	VELLIM	N2 FLW FBTO V-25001C	0	0	%			
		25FY-033.SET		25FIC-033ASM.OUT		4			
011	25PIC040-VL2	VELLIM	V-25001C PR CNTRL	0	0	%			
		25PY-040.SET		25PIC-040ASM.OUT		4			
012	25FY-033	MLD-SW	N2 CMD TO V-25001C	0	0	%			
		%%O25FY-033		25FIC033-VL1.OUT		3			
013	25PY-040	MLD-SW	V-25001C PR CNTRL CMD	0	0	%			
		%%O25PY-040		25PIC040-VL2.OUT		3			
014	25ZI-033	PVI-DV	N2 POS FB TOV-25001C	0.0	100.0	%	No	No	%%I25ZT-033
						4			
015	25ZI-040	PVI-DV	V-25001C POS FB	0.0	100.0	%	No	No	%%I25ZT-040
						4			
016	25FIC033-CL1	CALCU	N2 POS FB TOV-25001C	0.0	100.0	%	No	No	
						5			
017	25PIC040-CL2	CALCU	V-25001C POS FB	0.0	100.0	%	No	No	
						5			
018	25FY033-ST	ST16	PUMP CMN FLT ALARMS	0	0				
						4			
019	25PY040-RL	RL	POS FB COMP	0	0				
						4			
020	25PY040-LC	LC64-E	V-25001C LOGIC	0	0				
						4			
021	25PI-040LD01	LD	CHNG IN VAL	-40.00	40.00	barg	No		
						4			
022	25PI-040AV02	AVE-M	AVG/MIN	-3.0000	3.0000	barg	No		
						4			
023	25PI-040AV01	AVE-M	GRADIENT/HR	-3.0000	3.0000	barg	No		25PI-040AV02.CPV
						4			
024	25PI-040MAV02	PVI	NR CHRGE RATE 0.001 /min	-3.0000	3.0000		No	No	
						4			

Tag Detail (25FIC033-DS1 SET POINT 25FIC-033)

Basic

Tag Name	25FIC033-DS1
Model Name	DSET
Tag Comment	SET POINT 25FIC-033
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-033 N2 FLW FBTO V-25001C)

Basic

Tag Name	25FIC-033
Model Name	PID
Tag Comment	N2 FLW FBTO V-25001C
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Reverse
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25FIC033-DS3 FOCE CLOSE 25FIC-033)

Basic

Tag Name	25FIC033-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25FIC-033
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-033ASM V-25001C SELECTOR)

Basic

Tag Name	25FIC-033ASM
Model Name	AS-M
Tag Comment	V-25001C SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25FIC-033.OUT
Signal Input 2(IN2)	25FIC033-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25FIC033-VL1.SET
Interlock Switch Input(INT)	

Tag Detail (25PIC040-DS2 SET POINT 25PIC-040)

Basic

Tag Name	25PIC040-DS2
Model Name	DSET
Tag Comment	SET POINT 25PIC-040
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PI-040 V-25001C PR CNTRL)

Basic

Tag Name	25PI-040
Model Name	PVI
Tag Comment	V-25001C PR CNTRL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1

Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PIC-040 V-25001C PR CNTRL)

Basic

Tag Name	25PIC-040
Model Name	PID
Tag Comment	V-25001C PR CNTRL
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Direct
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PIC040-DS3 FOCE CLOSE 25PIC-040)

Basic

Tag Name	25PIC040-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25PIC-040
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PIC-040ASM V-25001A SELECTOR)

Basic

Tag Name	25PIC-040ASM
Model Name	AS-M
Tag Comment	V-25001A SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25PIC-040.OUT
Signal Input 2(IN2)	25PIC040-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25PIC040-VL2.SET
Interlock Switch Input(INT)	

Tag Detail (25FIC033-VL1 N2 FLW FBTO V-25001C)

Basic

Tag Name	25FIC033-VL1
Model Name	VELLIM
Tag Comment	N2 FLW FBTO V-25001C
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (25PIC040-VL2 V-25001C PR CNTRL)

Basic

Tag Name	25PIC040-VL2
Model Name	VELLIM
Tag Comment	V-25001C PR CNTRL
Lvl	4

Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (25FY-033 N2 CMD TO V-25001C)

Basic

Tag Name	25FY-033
Model Name	MLD-SW
Tag Comment	N2 CMD TO V-25001C
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PY-040 V-25001C PR CNTRL CMD)

Basic

Tag Name	25PY-040
Model Name	MLD-SW
Tag Comment	V-25001C PR CNTRL CMD
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25ZI-033 N2 POS FB TOV-25001C)

Basic

Tag Name	25ZI-033
Model Name	PVI-DV
Tag Comment	N2 POS FB TOV-25001C
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25ZI-040 V-25001C POS FB)

Basic

Tag Name	25ZI-040
Model Name	PVI-DV
Tag Comment	V-25001C POS FB
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25FIC033-CL1 N2 POS FB TOV-25001C)

Basic

Tag Name	25FIC033-CL1
Model Name	CALCU
Tag Comment	N2 POS FB TOV-25001C

Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25FIC033-CL1 N2 POS FB TOV-25001C)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-033.PV             !CV FB
   006        alias   O1      25ZI-033.SV             !CV OUTPUT
   007        alias   DL1     25ZI-033.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-033.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-033.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                          !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25PIC040-CL2 V-25001C POS FB)

Basic

Tag Name	25PIC040-CL2
Model Name	CALCU
Tag Comment	V-25001C POS FB
Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PIC040-CL2 V-25001C POS FB)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-040.PV             !CV FB
   006        alias   O1      25ZI-040.SV             !CV OUTPUT
   007        alias   DL1     25ZI-040.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-040.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-040.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                       !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25FY033-ST PUMP CMN FLT ALARMS)

Basic

Tag Name	25FY033-ST
Model Name	ST16
Tag Comment	PUMP CMN FLT ALARMS
Lvl	4

Sequence Tables (25FY033-ST PUMP CMN FLT ALARMS)

Start Timing — Periodic Execution Type(T)
Output Timing — Output Only When Conditions Change(C)
Scan Period — Basic Scan
Control Period — 1
Control Phase — 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	25FY-033.ALRM	OOP	N2 CMD TO V-25001C	.Y..	.N..							
C02	25PY-040.ALRM	OOP	V-25001C PR CNTRL CMD	..Y.	.N..							
C03	25FIC-033.XALRM	IOP	N2 FLW FBTO V-25001C	...N	..N.							
C04	25PIC-040.XALRM	IOP	V-25001C PR CNTRL	....	N...							
C05	25FIC-033.MODE	AUT	N2 FLW FBTO V-25001C	....	.Y..							
C06	25PIC-040.MODE	AUT	V-25001C PR CNTRL	....	..Y.							
C07	25FIC-033.MODE	AUT	N2 FLW FBTO V-25001C	....	...Y							
C08	25PIC-040.MODE	AUT	V-25001C PR CNTRL	....	....	Y...						
C09				....	....	....	....	....	....	....	....	
C10				....	....	....	....	....	....	....	....	
C11				....	....	....	....	....	....	....	....	
C12				....	....	....	....	....	....	....	....	
C13				....	....	....	....	....	....	....	....	
C14				....	....	....	....	....	....	....	....	
C15				....	....	....	....	....	....	....	....	
C16				....	....	....	....	....	....	....	....	
C17				....	....	....	....	....	....	....	....	
C18				....	....	....	....	....	....	....	....	
C19				....	....	....	....	....	....	....	....	
C20				....	....	....	....	....	....	....	....	
C21				....	....	....	....	....	....	....	....	
C22				....	....	....	....	....	....	....	....	
C23				....	....	....	....	....	....	....	....	
C24				....	....	....	....	....	....	....	....	
C25				....	....	....	....	....	....	....	....	
C26				....	....	....	....	....	....	....	....	
C27				....	....	....	....	....	....	....	....	
C28				....	....	....	....	....	....	....	....	
C29				....	....	....	....	....	....	....	....	
C30				....	....	....	....	....	....	....	....	
C31				....	....	....	....	....	....	....	....	
C32				....	....	....	....	....	....	....	....	
A01	25FIC-033ASM.MODE	AUT	V-25001C SELECTOR	Y...	....	....	....	....	....	....	....	
A02	25PIC-040ASM.MODE	AUT	V-25001A SELECTOR	Y...	....	....	....	....	....	....	....	
A03	25FIC033-VL1.MODE	CAS	N2 FLW FBTO V-25001C	Y...	....	....	....	....	....	....	....	
A04	25PIC040-VL2.MODE	CAS	V-25001C PR CNTRL	Y...	....	....	....	....	....	....	....	
A05	25FY-033.MODE	MAN	N2 CMD TO V-25001C	.Y..	....	....	....	....	....	....	....	
A06	25PY-040.MODE	MAN	V-25001C PR CNTRL CMD	..Y.	....	....	....	....	....	....	....	
A07	25FIC-033.MODE	AUT	N2 FLW FBTO V-25001C	...Y	....	....	....	....	....	....	....	
A08	25PIC-040.MODE	AUT	V-25001C PR CNTRL	....	Y...	....	....	....	....	....	....	
A09	25FY-033.MODE	AUT	N2 CMD TO V-25001C	....	.Y..	....	....	....	....	....	....	
A10	25FIC-033ASM.MODE	AUT	V-25001C SELECTOR	....	.Y..	....	....	....	....	....	....	
A11	25PY-040.MODE	AUT	V-25001C PR CNTRL CMD	....	..Y.	....	....	....	....	....	....	
A12	25PIC-040ASM.MODE	AUT	V-25001A SELECTOR	....	..Y.	....	....	....	....	....	....	
A13	25FY-033.MODE	AUT	N2 CMD TO V-25001C	....	...Y	....	....	....	....	....	....	
A14	25PY-040.MODE	AUT	V-25001C PR CNTRL CMD	....	....	Y...	....	....	....	....	....	
A15				....	....	....	....	....	....	....	....	
A16				....	....	....	....	....	....	....	....	
A17				....	....	....	....	....	....	....	....	
A18				....	....	....	....	....	....	....	....	
A19				....	....	....	....	....	....	....	....	
A20				....	....	....	....	....	....	....	....	
A21				....	....	....	....	....	....	....	....	
A22				....	....	....	....	....	....	....	....	
A23				....	....	....	....	....	....	....	....	
A24				....	....	....	....	....	....	....	....	
A25				....	....	....	....	....	....	....	....	
A26				....	....	....	....	....	....	....	....	
A27				....	....	....	....	....	....	....	....	
A28				....	....	....	....	....	....	....	....	
A29				....	....	....	....	....	....	....	....	
A30				....	....	....	....	....	....	....	....	
A31				....	....	....	....	....	....	....	....	
A32				....	....	....	....	....	....	....	....	
PREV			THEN	....	....	....	....	....	....	....	....	
				....	....	....	....	....	....	....	....	
NEXT			ELSE	....	....	....	....	....	....	....	....	
				....	....	....	....	....	....	....	....	

Tag Detail (25PY040-RL POS FB COMP)

Basic

Tag Name	25PY040-RL
Model Name	RL
Tag Comment	POS FB COMP
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001		Relational Operation		
002		Relational Operation		
003		Relational Operation		
004	25FIC033-CL1.P03	Relational Operation	5	DEVIATION>5
005	25FY-033.MV	Relational Operation	100	FULL OPN CMD
006	25FY-033.MV	Relational Operation	0	FULL CLOSE CMD
007	25PIC040-CL2.P03	Relational Operation	5	DEVIATION>5
008	25PY-040.MV	Relational Operation	100	FULL OPN CMD
009	25PY-040.MV	Relational Operation	0	FULL CLOSE CMD
011	25PI-040AV01.CPV	Relational Operation	0.0	-VE GRAD DURING CHARGING
012		Relational Operation		
013		Relational Operation		
014		Relational Operation		
015		Relational Operation		
016		Relational Operation		

Tag Detail (25PY040-LC V-25001C LOGIC)

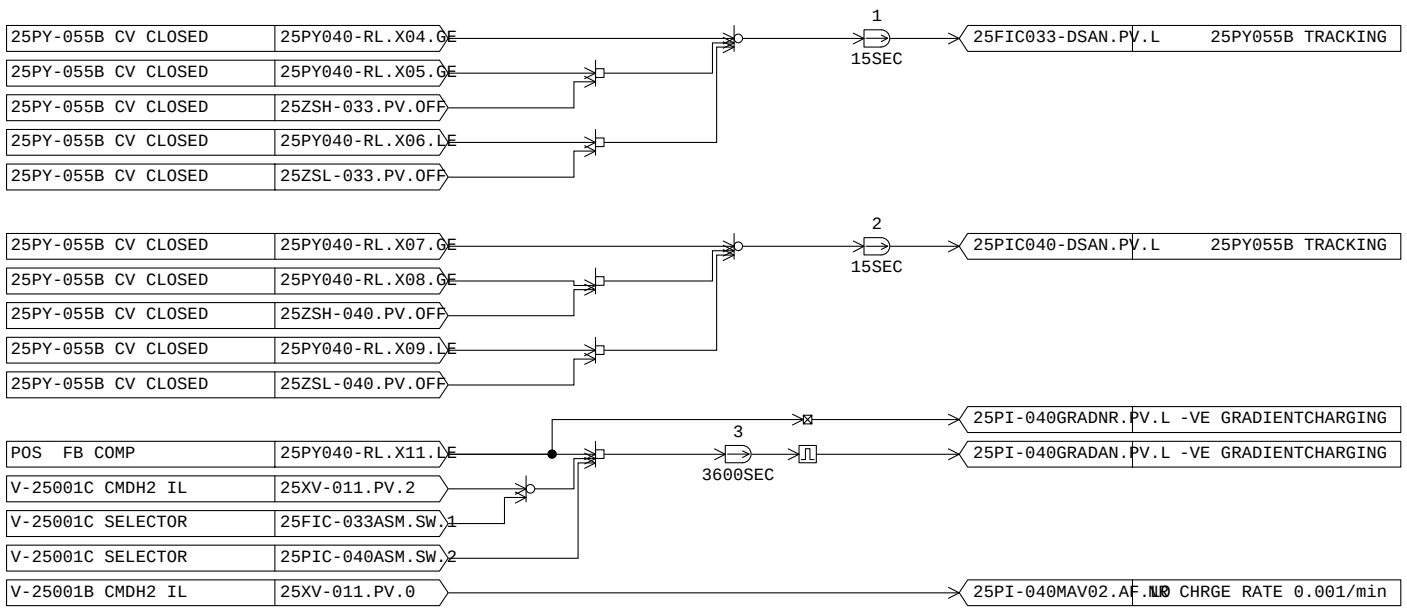
Basic

Tag Name	25PY040-LC
Model Name	LC64-E
Tag Comment	V-25001C LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	25PY040-LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-18-13
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:54 AM	COMMENT:	V-25001C LOGIC		
SECTION:	DR0040	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (25PY040-LC V-25001C LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————————
Reverse Direction Wiring	————————



Tag Detail (25PI-040LD01 CHNG IN VAL)

Basic

Tag Name	25PI-040LD01
Model Name	LD
Tag Comment	CHNG IN VAL
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-040AV02 AVG/MIN)

Basic

Tag Name	25PI-040AV02
Model Name	AVE-M
Tag Comment	AVG/MIN
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-040AV01 GRADIENT/HR)

Basic

Tag Name	25PI-040AV01
Model Name	AVE-M
Tag Comment	GRADIENT/HR
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

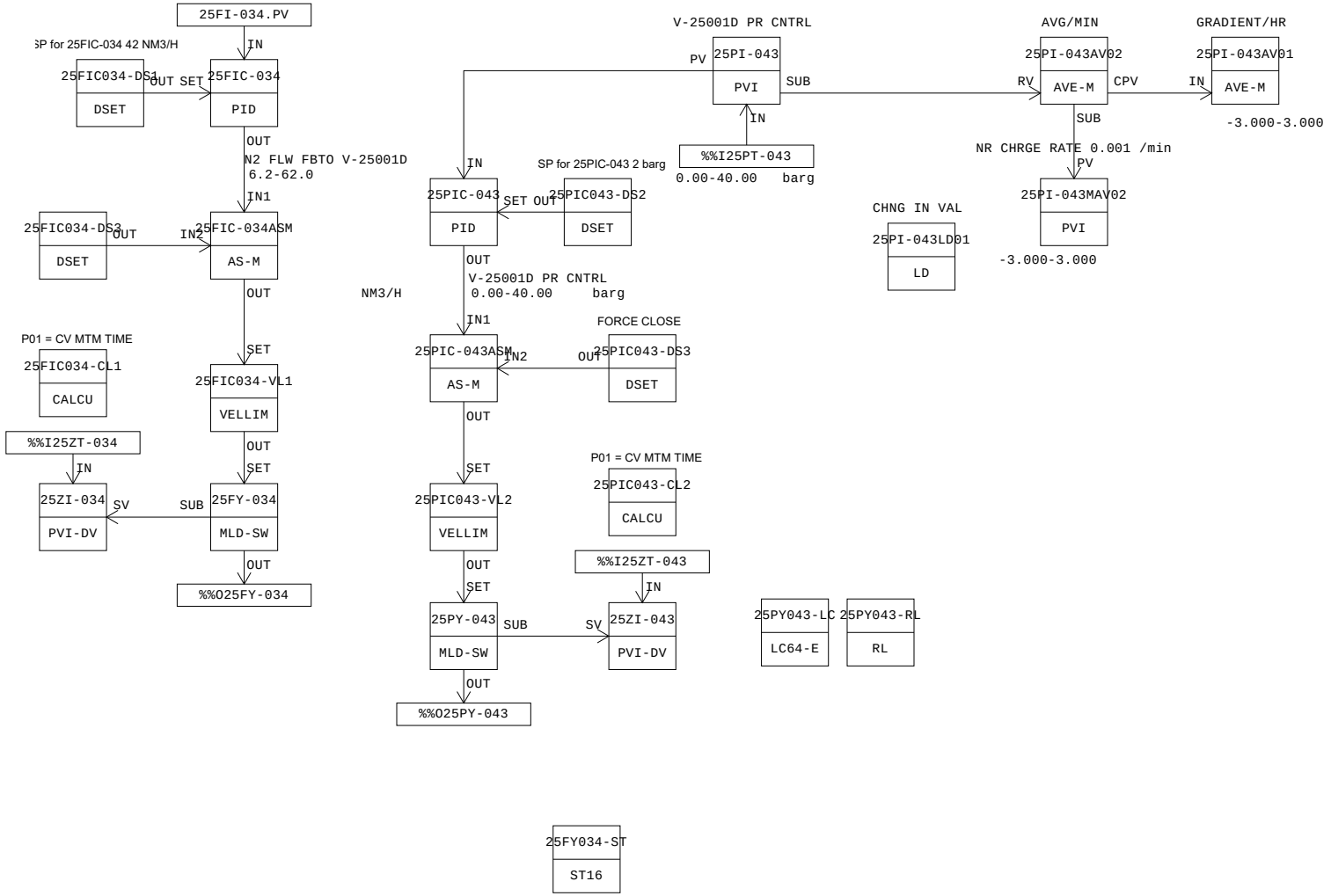
Tag Detail (25PI-040MAV02 NR CHRGE RATE 0.001 /min)

Basic

Tag Name	25PI-040MAV02
Model Name	PVI
Tag Comment	NR CHRGE RATE 0.001 /min
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0041.edf	SHEET:		YOKOGAWA	PAGE:3-25-19-1
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:34:50 AM	COMMENT:	HYDROGEN VESSEL-D CONTROL		
SECTION:	DR0041	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0041 | BLPH-CW | TYP006 | HYDROGEN STORAGE VESSEL-D CONTROL VALVES]



PROJECT:	BLPH-CW1	FILE NAME:	DR0041.edf	SHEET:		YOKOGAWA	PAGE:3-25-19-2
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:34:50 AM	COMMENT:	HYDROGEN VESSEL-D CONTROL		
SECTION:	DR0041	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:HYDROGEN VESSEL-D CONTROL

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	25FIC034-DS1	DSET	SET POINT 25FIC-034	6.2	60.2	NM3/H			
		25FIC-034.SET				4			
002	25FIC-034	PID	N2 FLW FBTO V-25001D	6.2	62.0	NM3/H	No	No	25FI-034.PV
		25FIC-034ASM.IN1		25FIC034-DS1.OUT		3			
003	25FIC034-DS3	DSET	FOCE CLOSE 25FIC-034	0.0	100.0	(None)			
		25FIC-034ASM.IN2				4			
004	25FIC-034ASM	AS-M	V-25001D SELECTOR	0.0	100.0	%			
		25FIC034-VL1.SET				4			
005	25PIC043-DS2	DSET	SET POINT 25PIC-043	0.0	40.0	barg			
		25PIC-043.SET				4			
006	25PI-043	PVI	V-25001D PR CNTRL	0.00	40.00	barg	No	No	%%I25PT-043
						4			
007	25PIC-043	PID	V-25001D PR CNTRL	0.00	40.00	barg	No	No	25PI-043.PV
		25PIC-043ASM.IN1		25PIC043-DS2.OUT		3			
008	25PIC043-DS3	DSET	FOCE CLOSE 25PIC-043	0.0	100.0	(None)			
		25PIC-043ASM.IN2				4			
009	25PIC-043ASM	AS-M	V-25001D SELECTOR	0.0	100.0	%			
		25PIC043-VL2.SET				4			
010	25FIC034-VL1	VELLIM	N2 FLW FBTO V-25001D	0	0	%			
		25FY-034.SET		25FIC-034ASM.OUT		4			
011	25PIC043-VL2	VELLIM	V-25001D PR CNTRL	0	0	%			
		25PY-043.SET		25PIC-043ASM.OUT		4			
012	25FY-034	MLD-SW	N2 CMD TO V-25001D	0	0	%			
		%%O25FY-034		25FIC034-VL1.OUT		3			
013	25PY-043	MLD-SW	V-25001D PR CNTRL CMD	0	0	%			
		%%O25PY-043		25PIC043-VL2.OUT		3			
014	25ZI-034	PVI-DV	N2 POS FB TOV-25001D	0.0	100.0	%	No	No	%%I25ZT-034
						4			
015	25ZI-043	PVI-DV	V-25001D POS FB	0.0	100.0	%	No	No	%%I25ZT-043
						4			
016	25FIC034-CL1	CALCU	N2 POS FB TOV-25001D	0.0	100.0	%	No	No	
						5			
017	25PIC043-CL2	CALCU	V-25001D POS FB	0.0	100.0	%	No	No	
						5			
018	25FY034-ST	ST16	PUMP CMN FLT ALARMS	0	0				
						4			
019	25PY043-RL	RL	POS FB COMP	0	0				
						4			
020	25PY043-LC	LC64-E	V-25001D LOGIC	0	0				
						4			
021	25PI-043LD01	LD	CHNG IN VAL	-3.000	3.000	barg	No		
						4			
022	25PI-043AV02	AVE-M	AVG/MIN	-3.000	3.000	barg	No		
						4			
023	25PI-043AV01	AVE-M	GRADIENT/HR	-3.000	3.000	barg	No		25PI-043AV02.CPV
						4			
024	25PI-043MAV02	PVI	NR CHRGE RATE 0.001 /min	-3.000	3.000		No	No	
						4			

Tag Detail (25FIC034-DS1 SET POINT 25FIC-034)

Basic

Tag Name	25FIC034-DS1
Model Name	DSET
Tag Comment	SET POINT 25FIC-034
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-034 N2 FLW FBTO V-25001D)

Basic

Tag Name	25FIC-034
Model Name	PID
Tag Comment	N2 FLW FBTO V-25001D
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Reverse
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25FIC034-DS3 FOCE CLOSE 25FIC-034)

Basic

Tag Name	25FIC034-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25FIC-034
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-034ASM V-25001D SELECTOR)

Basic

Tag Name	25FIC-034ASM
Model Name	AS-M
Tag Comment	V-25001D SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25FIC-034.OUT
Signal Input 2(IN2)	25FIC034-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25FIC034-VL1.SET
Interlock Switch Input(INT)	

Tag Detail (25PIC043-DS2 SET POINT 25PIC-043)

Basic

Tag Name	25PIC043-DS2
Model Name	DSET
Tag Comment	SET POINT 25PIC-043
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PI-043 V-25001D PR CNTRL)

Basic

Tag Name	25PI-043
Model Name	PVI
Tag Comment	V-25001D PR CNTRL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1

Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PIC-043 V-25001D PR CNTRL)

Basic

Tag Name	25PIC-043
Model Name	PID
Tag Comment	V-25001D PR CNTRL
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Direct
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PIC043-DS3 FOCE CLOSE 25PIC-043)

Basic

Tag Name	25PIC043-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25PIC-043
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PIC-043ASM V-25001D SELECTOR)

Basic

Tag Name	25PIC-043ASM
Model Name	AS-M
Tag Comment	V-25001D SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25PIC-043.OUT
Signal Input 2(IN2)	25PIC043-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25PIC043-VL2.SET
Interlock Switch Input(INT)	

Tag Detail (25FIC034-VL1 N2 FLW FBTO V-25001D)

Basic

Tag Name	25FIC034-VL1
Model Name	VELLIM
Tag Comment	N2 FLW FBTO V-25001D
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (25PIC043-VL2 V-25001D PR CNTRL)

Basic

Tag Name	25PIC043-VL2
Model Name	VELLIM
Tag Comment	V-25001D PR CNTRL
Lvl	4

Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (25FY-034 N2 CMD TO V-25001D)

Basic

Tag Name	25FY-034
Model Name	MLD-SW
Tag Comment	N2 CMD TO V-25001D
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PY-043 V-25001D PR CNTRL CMD)

Basic

Tag Name	25PY-043
Model Name	MLD-SW
Tag Comment	V-25001D PR CNTRL CMD
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25ZI-034 N2 POS FB TOV-25001D)

Basic

Tag Name	25ZI-034
Model Name	PVI-DV
Tag Comment	N2 POS FB TOV-25001D
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25ZI-043 V-25001D POS FB)

Basic

Tag Name	25ZI-043
Model Name	PVI-DV
Tag Comment	V-25001D POS FB
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25FIC034-CL1 N2 POS FB TOV-25001D)

Basic

Tag Name	25FIC034-CL1
Model Name	CALCU
Tag Comment	N2 POS FB TOV-25001D

Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25FIC034-CL1 N2 POS FB TOV-25001D)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-034.PV             !CV FB
   006        alias   O1      25ZI-034.SV             !CV OUTPUT
   007        alias   DL1     25ZI-034.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-034.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-034.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                          !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25PIC043-CL2 V-25001D POS FB)

Basic

Tag Name	25PIC043-CL2
Model Name	CALCU
Tag Comment	V-25001D POS FB
Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PIC043-CL2 V-25001D POS FB)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-043.PV             !CV FB
   006        alias   O1      25ZI-043.SV             !CV OUTPUT
   007        alias   DL1     25ZI-043.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-043.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-043.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                       !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25FY034-ST PUMP CMN FLT ALARMS)

Basic

Tag Name	25FY034-ST
Model Name	ST16
Tag Comment	PUMP CMN FLT ALARMS
Lvl	4

Sequence Tables (25FY034-ST PUMP CMN FLT ALARMS)

Start Timing — Periodic Execution Type(T)
Output Timing — Output Only When Conditions Change(C)
Scan Period — Basic Scan
Control Period — 1
Control Phase — 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	25FY-034.ALRM	OOP	N2 CMD TO V-25001D	.Y..	....	....	....	....	....	....	....	
C02	25PY-043.ALRM	OOP	V-25001D PR CNTRL CMD	..Y.	.N..	....	....	....	....	....	....	
C03	25FIC-034.XALRM	IOP	N2 FLW FBTO V-25001D	...N	.N..	....	....	....	....	....	....	
C04	25PIC-043.XALRM	IOP	V-25001D PR CNTRL	....	N...	....	....	....	....	....	....	
C05	25FIC-034.MODE	AUT	N2 FLW FBTO V-25001D	....	.Y..	....	....	....	....	....	....	
C06	25PIC-043.MODE	AUT	V-25001D PR CNTRL	....	..Y.	....	....	....	....	....	....	
C07	25FIC-034.MODE	AUT	N2 FLW FBTO V-25001D	....	...Y	....	....	....	....	....	....	
C08	25PIC-043.MODE	AUT	V-25001D PR CNTRL	....	....	Y...	....	....	....	....	....	
C09				....	....	....	....	....	....	....	....	
C10				....	....	....	....	....	....	....	....	
C11				....	....	....	....	....	....	....	....	
C12				....	....	....	....	....	....	....	....	
C13				....	....	....	....	....	....	....	....	
C14				....	....	....	....	....	....	....	....	
C15				....	....	....	....	....	....	....	....	
C16				....	....	....	....	....	....	....	....	
C17				....	....	....	....	....	....	....	....	
C18				....	....	....	....	....	....	....	....	
C19				....	....	....	....	....	....	....	....	
C20				....	....	....	....	....	....	....	....	
C21				....	....	....	....	....	....	....	....	
C22				....	....	....	....	....	....	....	....	
C23				....	....	....	....	....	....	....	....	
C24				....	....	....	....	....	....	....	....	
C25				....	....	....	....	....	....	....	....	
C26				....	....	....	....	....	....	....	....	
C27				....	....	....	....	....	....	....	....	
C28				....	....	....	....	....	....	....	....	
C29				....	....	....	....	....	....	....	....	
C30				....	....	....	....	....	....	....	....	
C31				....	....	....	....	....	....	....	....	
C32				....	....	....	....	....	....	....	....	
A01	25FIC-034ASM.MODE	AUT	V-25001D SELECTOR	Y...	....	....	....	....	....	....	....	
A02	25PIC-043ASM.MODE	AUT	V-25001D SELECTOR	Y...	....	....	....	....	....	....	....	
A03	25FIC034-VL1.MODE	CAS	N2 FLW FBTO V-25001D	Y...	....	....	....	....	....	....	....	
A04	25PIC043-VL2.MODE	CAS	V-25001D PR CNTRL	Y...	....	....	....	....	....	....	....	
A05	25FY-034.MODE	MAN	N2 CMD TO V-25001D	.Y..	....	....	....	....	....	....	....	
A06	25PY-043.MODE	MAN	V-25001D PR CNTRL CMD	..Y.	....	....	....	....	....	....	....	
A07	25FIC-034.MODE	AUT	N2 FLW FBTO V-25001D	...Y	....	....	....	....	....	....	....	
A08	25PIC-043.MODE	AUT	V-25001D PR CNTRL	....	Y...	....	....	....	....	....	....	
A09	25FY-034.MODE	AUT	N2 CMD TO V-25001D	....	.Y..	....	....	....	....	....	....	
A10	25FIC-034ASM.MODE	AUT	V-25001D SELECTOR	....	.Y..	....	....	....	....	....	....	
A11	25PY-043.MODE	AUT	V-25001D PR CNTRL CMD	....	..Y.	....	....	....	....	....	....	
A12	25PIC-043ASM.MODE	AUT	V-25001D SELECTOR	....	..Y.	....	....	....	....	....	....	
A13	25FY-034.MODE	AUT	N2 CMD TO V-25001D	....	...Y	....	....	....	....	....	....	
A14	25PY-043.MODE	AUT	V-25001D PR CNTRL CMD	....	....	Y...	....	....	....	....	....	
A15				....	....	....	....	....	....	....	....	
A16				....	....	....	....	....	....	....	....	
A17				....	....	....	....	....	....	....	....	
A18				....	....	....	....	....	....	....	....	
A19				....	....	....	....	....	....	....	....	
A20				....	....	....	....	....	....	....	....	
A21				....	....	....	....	....	....	....	....	
A22				....	....	....	....	....	....	....	....	
A23				....	....	....	....	....	....	....	....	
A24				....	....	....	....	....	....	....	....	
A25				....	....	....	....	....	....	....	....	
A26				....	....	....	....	....	....	....	....	
A27				....	....	....	....	....	....	....	....	
A28				....	....	....	....	....	....	....	....	
A29				....	....	....	....	....	....	....	....	
A30				....	....	....	....	....	....	....	....	
A31				....	....	....	....	....	....	....	....	
A32				....	....	....	....	....	....	....	....	
PREV			THEN	....	....	....	....	....	....	....	....	
				....	....	....	....	....	....	....	....	
NEXT			ELSE	....	....	....	....	....	....	....	....	
				....	....	....	....	....	....	....	....	

Tag Detail (25PY043-RL POS FB COMP)

Basic

Tag Name	25PY043-RL
Model Name	RL
Tag Comment	POS FB COMP
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001		Relational Operation		
002		Relational Operation		
003		Relational Operation		
004	25FIC034-CL1.P03	Relational Operation	5	DEVIATION>5
005	25FY-034.MV	Relational Operation	100	FULL OPN CMD
006	25FY-034.MV	Relational Operation	0	FULL CLOSE CMD
007	25PIC043-CL2.P03	Relational Operation	5	DEVIATION>5
008	25PY-043.MV	Relational Operation	100	FULL OPN CMD
009	25PY-043.MV	Relational Operation	0	FULL CLOSE CMD
011	25PI-043AV01.CPV	Relational Operation	0.0	-VE GRAD DURING CHARG
012		Relational Operation		
013		Relational Operation		
014		Relational Operation		
015		Relational Operation		
016		Relational Operation		

Tag Detail (25PY043-LC V-25001D LOGIC)

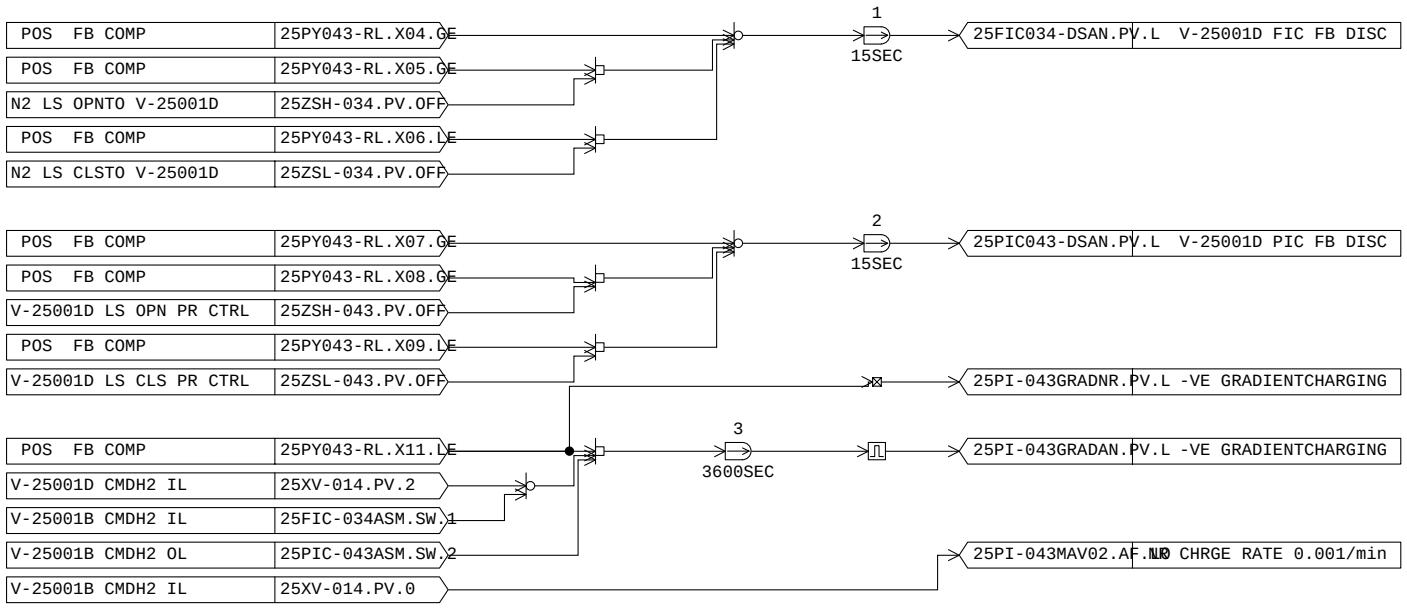
Basic

Tag Name	25PY043-LC
Model Name	LC64-E
Tag Comment	V-25001D LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	25PY043-LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-19-13
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:14:57 AM	COMMENT:	V-25001D LOGIC		
SECTION:	DR0041	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (25PY043-LC V-25001D LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (25PI-043LD01 CHNG IN VAL)

Basic

Tag Name	25PI-043LD01
Model Name	LD
Tag Comment	CHNG IN VAL
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-043AV02 AVG/MIN)

Basic

Tag Name	25PI-043AV02
Model Name	AVE-M
Tag Comment	AVG/MIN
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-043AV01 GRADIENT/HR)

Basic

Tag Name	25PI-043AV01
Model Name	AVE-M
Tag Comment	GRADIENT/HR
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

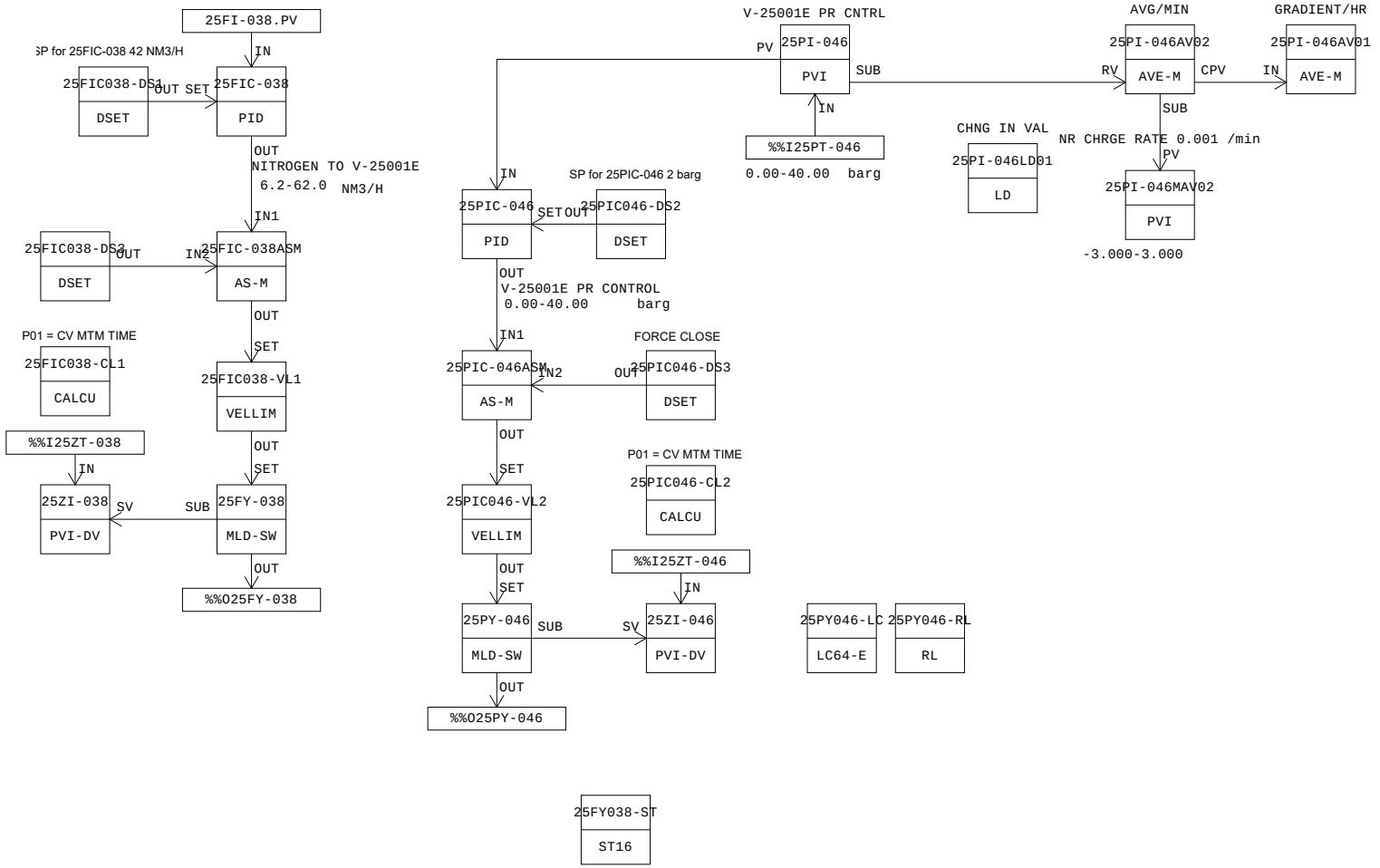
Tag Detail (25PI-043MAV02 NR CHRGE RATE 0.001 /min)

Basic

Tag Name	25PI-043MAV02
Model Name	PVI
Tag Comment	NR CHRGE RATE 0.001 /min
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0042.edf	SHEET:		YOKOGAWA	PAGE:3-25-20-1
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:35:16 AM	COMMENT:	HYDROGEN VESSEL-E CONTROL		
SECTION:	DR0042	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0042 | BLPH-CW | TYP006 | HYDROGEN STORAGE VESSEL-E CONTROL VALVES]



PROJECT:	BLPH-CW1	FILE NAME:	DR0042.edf	SHEET:		YOKOGAWA	PAGE:3-25-20-2
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:35:16 AM	COMMENT:	HYDROGEN VESSEL-E CONTROL		
SECTION:	DR0042	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:HYDROGEN VESSEL-E CONTROL

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	25FIC038-DS1	DSET	SET POINT 25FIC-038	6.2	62.0	NM3/H			
		25FIC-038.SET				4			
002	25FIC-038	PID	NITROGEN TO V-25001E	6.2	62.0	NM3/H	No	No	25FI-038.PV
		25FIC-038ASM.IN1		25FIC038-DS1.OUT		3			
003	25FIC038-DS3	DSET	FOCE CLOSE 25FIC-038	0.0	100.0	(None)			
		25FIC-038ASM.IN2				4			
004	25FIC-038ASM	AS-M	V-25001E SELECTOR	0.0	100.0	%			
		25FIC038-VL1.SET				4			
005	25PIC046-DS2	DSET	SET POINT 25PIC-046	0.0	40.0	barg			
		25PIC-046.SET				4			
006	25PI-046	PVI	V-25001E PR CNTRL	0.00	40.00	barg	No	No	%%I25PT-046
						4			
007	25PIC-046	PID	V-25001E PR CONTROL	0.00	40.00	barg	No	No	25PI-046.PV
		25PIC-046ASM.IN1		25PIC046-DS2.OUT		3			
008	25PIC046-DS3	DSET	FOCE CLOSE 25PIC-046	0.0	100.0	(None)			
		25PIC-046ASM.IN2				4			
009	25PIC-046ASM	AS-M	V-25001E SELECTOR	0.0	100.0	%			
		25PIC046-VL2.SET				4			
010	25FIC038-VL1	VELLIM	NITROGEN TO V-25001E	0	0	%			
		25FY-038.SET		25FIC-038ASM.OUT		4			
011	25PIC046-VL2	VELLIM	V-25001E PR CONTROL	0	0	%			
		25PY-046.SET		25PIC-046ASM.OUT		4			
012	25FY-038	MLD-SW	N2 CMD TO V-25001E	0	0	%			
		%%O25FY-038		25FIC038-VL1.OUT		3			
013	25PY-046	MLD-SW	V-25001E PR CNTRL CMD	0	0	%			
		%%O25PY-046		25PIC046-VL2.OUT		3			
014	25ZI-038	PVI-DV	N2 POS FB TOV-25001E	0.0	100.0	%	No	No	%%I25ZT-038
						4			
015	25ZI-046	PVI-DV	V-25001E POS FB	0.0	100.0	%	No	No	%%I25ZT-046
						4			
016	25FIC038-CL1	CALCU	N2 POS FB TOV-25001E	0.0	100.0	%	No	No	
						5			
017	25PIC046-CL2	CALCU	V-25001E POS FB	0.0	100.0	%	No	No	
						5			
018	25FY038-ST	ST16	PUMP CMN FLT ALARMS	0	0				
						4			
019	25PY046-RL	RL	POS FB COMP	0	0				
						4			
020	25PY046-LC	LC64-E	V-25001E LOGIC	0	0				
						4			
021	25PI-046LD01	LD	CHNG IN VAL	-3.000	3.000	barg	No		
						4			
022	25PI-046AV02	AVE-M	AVG/MIN	-3.0000	3.0000	barg	No		
						4			
023	25PI-046AV01	AVE-M	GRADIENT/HR	-3.0000	3.0000	barg	No		25PI-046AV02.CPV
						4			
024	25PI-046MAV02	PVI	NR CHRGE RATE 0.001 /min	-3.000	3.000		No	No	
						4			

Tag Detail (25FIC038-DS1 SET POINT 25FIC-038)

Basic

Tag Name	25FIC038-DS1
Model Name	DSET
Tag Comment	SET POINT 25FIC-038
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-038 NITROGEN TO V-25001E)

Basic

Tag Name	25FIC-038
Model Name	PID
Tag Comment	NITROGEN TO V-25001E
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Reverse
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25FIC038-DS3 FOCE CLOSE 25FIC-038)

Basic

Tag Name	25FIC038-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25FIC-038
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-038ASM V-25001E SELECTOR)

Basic

Tag Name	25FIC-038ASM
Model Name	AS-M
Tag Comment	V-25001E SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25FIC-038.OUT
Signal Input 2(IN2)	25FIC038-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25FIC038-VL1.SET
Interlock Switch Input(INT)	

Tag Detail (25PIC046-DS2 SET POINT 25PIC-046)

Basic

Tag Name	25PIC046-DS2
Model Name	DSET
Tag Comment	SET POINT 25PIC-046
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PI-046 V-25001E PR CNTRL)

Basic

Tag Name	25PI-046
Model Name	PVI
Tag Comment	V-25001E PR CNTRL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1

Scan phase 0
Input Signal Conversion
Input Signal Conversion No
Totalizer
Totalizer Time Unit No
Sum Value Entry Not Allowed

Tag Detail (25PIC-046 V-25001E PR CONTROL)

Basic
Tag Name 25PIC-046
Model Name PID
Tag Comment V-25001E PR CONTROL
Lvl 3
Scan Period Basic Scan
Open/Close mark No
Input Signal Conversion
Input Signal Conversion No
Totalizer
Totalizer Time Unit No
Sum Value Entry Not Allowed
Control Action Direct
Measurement Tracking
MAN mode Yes
AUT and CND mode No
CAS and CND mode No
Output Signal Conversion
Output Signal Conversion No
Output Value for Full-open 101.00
Output Value for Tight-shut -1.00
Fully-open/Tightly-shut No

Tag Detail (25PIC046-DS3 FOCE CLOSE 25PIC-046)

Basic
Tag Name 25PIC046-DS3
Model Name DSET
Tag Comment FOCE CLOSE 25PIC-046
Lvl 4
Scan Period Basic Scan

Tag Detail (25PIC-046ASM V-25001E SELECTOR)

Basic
Tag Name 25PIC-046ASM
Model Name AS-M
Tag Comment V-25001E SELECTOR
Lvl 4
Scan Period Basic Scan
Open/Close mark No

Connection
Signal Input 1(IN1) 25PIC-046.OUT
Signal Input 2(IN2) 25PIC046-DS3.OUT
Signal Input 3(IN3)
Operation Output(OUT) 25PIC046-VL2.SET
Interlock Switch Input(INT)

Tag Detail (25FIC038-VL1 NITROGEN TO V-25001E)

Basic
Tag Name 25FIC038-VL1
Model Name VELLIM
Tag Comment NITROGEN TO V-25001E
Lvl 4
Scan Period Basic Scan
SV Range
High limit value 100.0
Low limit value 0.0
Open/Close mark No

Tag Detail (25PIC046-VL2 V-25001E PR CONTROL)

Basic
Tag Name 25PIC046-VL2
Model Name VELLIM
Tag Comment V-25001E PR CONTROL
Lvl 4

Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (25FY-038 N2 CMD TO V-25001E)

Basic

Tag Name	25FY-038
Model Name	MLD-SW
Tag Comment	N2 CMD TO V-25001E
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PY-046 V-25001E PR CNTRL CMD)

Basic

Tag Name	25PY-046
Model Name	MLD-SW
Tag Comment	V-25001E PR CNTRL CMD
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25ZI-038 N2 POS FB TOV-25001E)

Basic

Tag Name	25ZI-038
Model Name	PVI-DV
Tag Comment	N2 POS FB TOV-25001E
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25ZI-046 V-25001E POS FB)

Basic

Tag Name	25ZI-046
Model Name	PVI-DV
Tag Comment	V-25001E POS FB
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25FIC038-CL1 N2 POS FB TOV-25001E)

Basic

Tag Name	25FIC038-CL1
Model Name	CALCU
Tag Comment	N2 POS FB TOV-25001E

Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25FIC038-CL1 N2 POS FB TOV-25001E)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-038.PV             !CV FB
   006        alias   O1      25ZI-038.SV             !CV OUTPUT
   007        alias   DL1     25ZI-038.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-038.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-038.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                          !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25PIC046-CL2 V-25001E POS FB)

Basic

Tag Name	25PIC046-CL2
Model Name	CALCU
Tag Comment	V-25001E POS FB
Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PIC046-CL2 V-25001E POS FB)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-046.PV             !CV FB
   006        alias   O1      25ZI-046.SV             !CV OUTPUT
   007        alias   DL1     25ZI-046.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-046.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-046.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                       !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25FY038-ST PUMP CMN FLT ALARMS)

Basic

Tag Name	25FY038-ST
Model Name	ST16
Tag Comment	PUMP CMN FLT ALARMS
Lvl	4

Sequence Tables (25FY038-ST PUMP CMN FLT ALARMS)

Start Timing: Periodic Execution Type(T)
Output Timing: Output Only When Conditions Change(C)
Scan Period: Basic Scan
Control Period: 1
Control Phase: 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	25FY-038.ALRM	OOP	N2 CMD TO V-25001E	.Y..	.N..							
C02	25PY-046.ALRM	OOP	V-25001E PR CNTRL CMD	..Y.	..N.							
C03	25FIC-038.XALRM	IOP	NITROGEN TO V-25001E	...N	....							
C04	25PIC-046.XALRM	IOP	V-25001E PR CONTROL	....	N...							
C05	25FIC-038.MODE	AUT	NITROGEN TO V-25001E	....	.Y..							
C06	25PIC-046.MODE	AUT	V-25001E PR CONTROL	....	..Y.							
C07	25FIC-038.MODE	AUT	NITROGEN TO V-25001E	....	...Y							
C08	25PIC-046.MODE	AUT	V-25001E PR CONTROL	....	....	Y...						
C09												
C10												
C11												
C12												
C13												
C14												
C15												
C16												
C17												
C18												
C19												
C20												
C21												
C22												
C23												
C24												
C25												
C26												
C27												
C28												
C29												
C30												
C31												
C32												
A01	25FIC-038ASM.MODE	AUT	V-25001E SELECTOR	Y...								
A02	25PIC-046ASM.MODE	AUT	V-25001E SELECTOR	Y...								
A03	25FIC038-VL1.MODE	CAS	NITROGEN TO V-25001E	Y...								
A04	25PIC046-VL2.MODE	CAS	V-25001E PR CONTROL	Y...								
A05	25FY-038.MODE	MAN	N2 CMD TO V-25001E	.Y..								
A06	25PY-046.MODE	MAN	V-25001E PR CNTRL CMD	..Y.								
A07	25FIC-038.MODE	AUT	NITROGEN TO V-25001E	...Y								
A08	25PIC-046.MODE	AUT	V-25001E PR CONTROL	....	Y...							
A09	25FY-038.MODE	AUT	N2 CMD TO V-25001E	....	.Y..							
A10	25FIC-038ASM.MODE	AUT	V-25001E SELECTOR	....	.Y..							
A11	25PY-046.MODE	AUT	V-25001E PR CNTRL CMD	....	..Y.							
A12	25PIC-046ASM.MODE	AUT	V-25001E SELECTOR	....	..Y.							
A13	25FY-038.MODE	AUT	N2 CMD TO V-25001E	....	...Y							
A14	25PY-046.MODE	AUT	V-25001E PR CNTRL CMD	....	....	Y...						
A15												
A16												
A17												
A18												
A19												
A20												
A21												
A22												
A23												
A24												
A25												
A26												
A27												
A28												
A29												
A30												
A31												
A32												
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (25PY046-RL POS FB COMP)

Basic

Tag Name	25PY046-RL
Model Name	RL
Tag Comment	POS FB COMP
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001		Relational Operation		
002		Relational Operation		
003		Relational Operation		
004	25FIC038-CL1.P03	Relational Operation	5	DEVIATION>5
005	25FY-038.MV	Relational Operation	100	FULL OPN CMD
006	25FY-038.MV	Relational Operation	0	FULL CLOSE CMD
007	25PIC046-CL2.P03	Relational Operation	5	DEVIATION>5
008	25PY-046.MV	Relational Operation	100	FULL OPN CMD
009	25PY-046.MV	Relational Operation	0	FULL CLOSE CMD
011	25PI-046AV01.CPV	Relational Operation	0.0	-VE GRAD DURING CHARGING
012		Relational Operation		
013		Relational Operation		
014		Relational Operation		
015		Relational Operation		
016		Relational Operation		

Tag Detail (25PY046-LC V-25001E LOGIC)

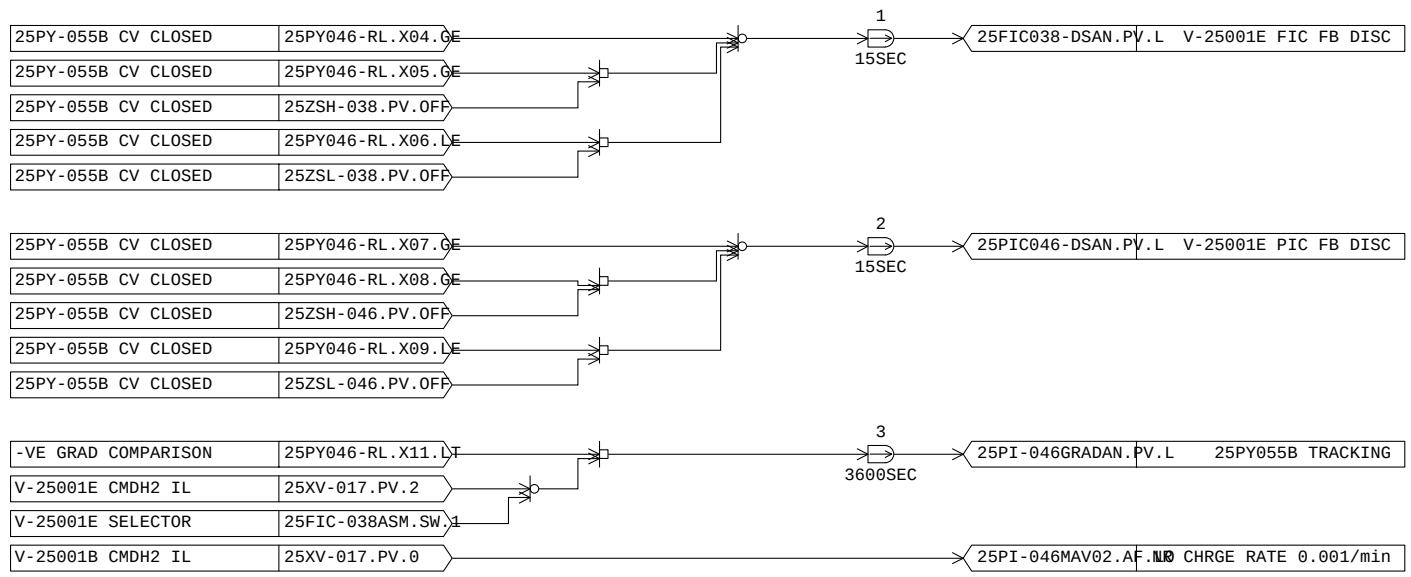
Basic

Tag Name	25PY046-LC
Model Name	LC64-E
Tag Comment	V-25001E LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	25PY046-LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-20-13
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:00 AM	COMMENT:	V-25001E LOGIC		
SECTION:	DR0042	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (25PY046-LC V-25001E LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (25PI-046LD01 CHNG IN VAL)

Basic

Tag Name	25PI-046LD01
Model Name	LD
Tag Comment	CHNG IN VAL
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-046AV02 AVG/MIN)

Basic

Tag Name	25PI-046AV02
Model Name	AVE-M
Tag Comment	AVG/MIN
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-046AV01 GRADIENT/HR)

Basic

Tag Name	25PI-046AV01
Model Name	AVE-M
Tag Comment	GRADIENT/HR
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

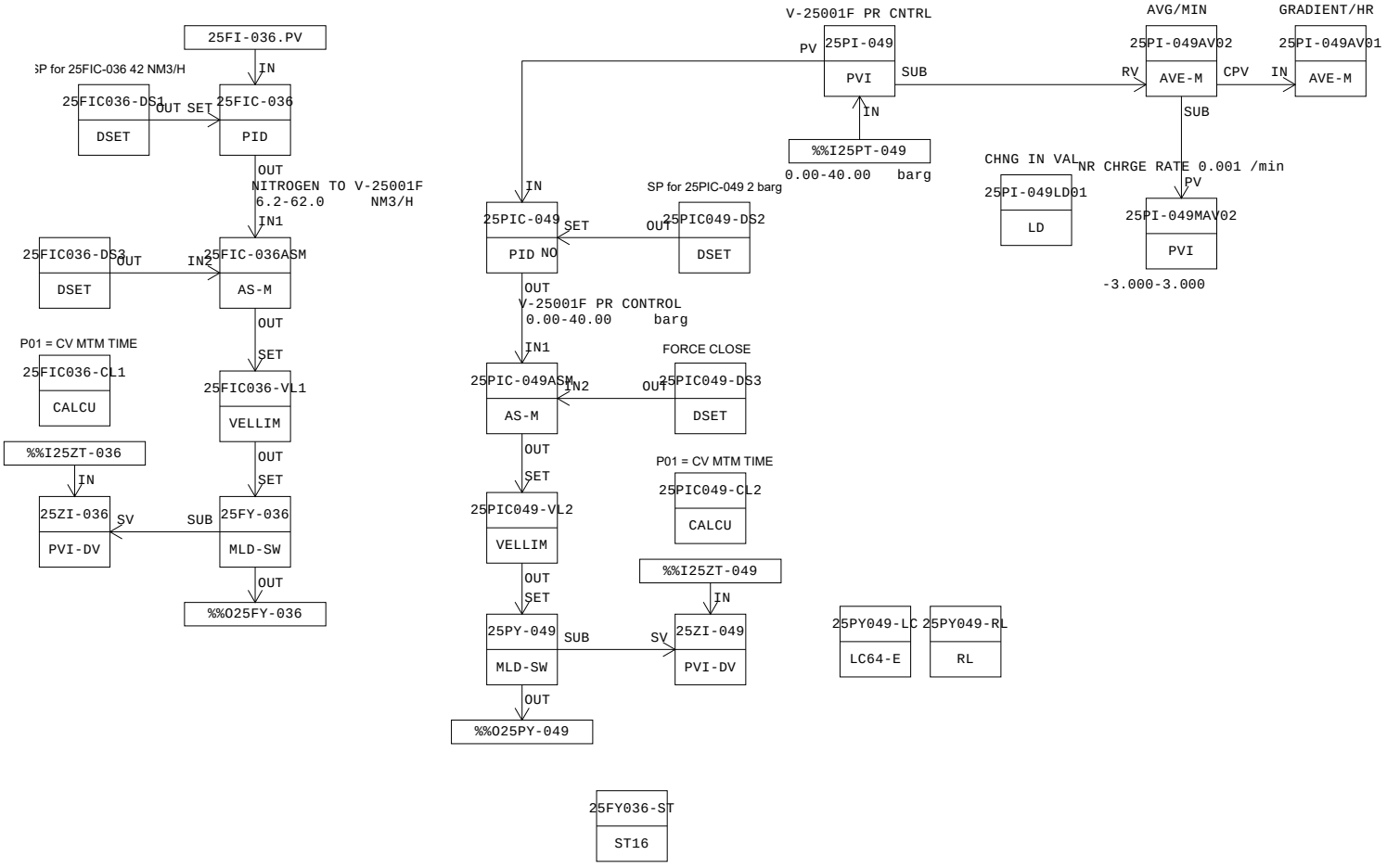
Tag Detail (25PI-046MAV02 NR CHRGE RATE 0.001 /min)

Basic

Tag Name	25PI-046MAV02
Model Name	PVI
Tag Comment	NR CHRGE RATE 0.001 /min
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0043.edf	SHEET:		YOKOGAWA	PAGE:3-25-21-1
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:35:46 AM	COMMENT:	HYDROGEN VESSEL-F CONTROL		
SECTION:	DR0043	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0043 | BLPH-CW | TYP006 | HYDROGEN STORAGE VESSEL-F CONTROL VALVES]



PROJECT:	BLPH-CW1	FILE NAME:	DR0043.edf	SHEET:		YOKOGAWA	PAGE:3-25-21-2
STATION:	FCS0101	SAVED DATE:	6/30/2025 12:35:46 AM	COMMENT:	HYDROGEN VESSEL-F CONTROL		
SECTION:	DR0043	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:HYDROGEN VESSEL-F CONTROL

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	25FIC036-DS1	DSET	SET POINT 25FIC-036	0.0	50.0	NM3/H			
		25FIC-036.SET				4			
002	25FIC-036	PID	NITROGEN TO V-25001F	6.2	62.0	NM3/H	No	No	25FI-036.PV
		25FIC-036ASM.IN1		25FIC036-DS1.OUT		3			
003	25FIC036-DS3	DSET	FOCE CLOSE 25FIC-036	0.0	100.0	barg			
		25FIC-036ASM.IN2				4			
004	25FIC-036ASM	AS-M	V-25001F SELECTOR	0.0	100.0	%			
		25FIC036-VL1.SET				4			
005	25PIC049-DS2	DSET	SET POINT 25PIC-049	0.0	40.0	barg			
		25PIC-049.SET				4			
006	25PI-049	PVI	V-25001F PR CNTRL	0.00	40.00	barg	No	No	%%I25PT-049
						4			
007	25PIC-049	PID	V-25001F PR CONTROL	0.00	40.00	barg	No	No	25PI-049.PV
		25PIC-049ASM.IN1		25PIC049-DS2.OUT		3			
008	25PIC049-DS3	DSET	FOCE CLOSE 25PIC-049	0.0	100.0	barg			
		25PIC-049ASM.IN2				4			
009	25PIC-049ASM	AS-M	V-25001F SELECTOR	0.0	100.0	%			
		25PIC049-VL2.SET				4			
010	25FIC036-VL1	VELLIM	NITROGEN TO V-25001E	0	0	%			
		25FY-036.SET		25FIC-036ASM.OUT		4			
011	25PIC049-VL2	VELLIM	V-25001F PR CONTROL	0	0	%			
		25PY-049.SET		25PIC-049ASM.OUT		4			
012	25FY-036	MLD-SW	N2 CMD TO V-25001F	0	0	%			
		%%O25FY-036		25FIC036-VL1.OUT		3			
013	25PY-049	MLD-SW	V-25001F PR CNTRL CMD	0	0	%			
		%%O25PY-049		25PIC049-VL2.OUT		3			
014	25ZI-036	PVI-DV	N2 POS FB TOV-25001F	0.0	100.0	%	No	No	%%I25ZT-036
						4			
015	25ZI-049	PVI-DV	V-25001F POS FB	0.0	100.0	%	No	No	%%I25ZT-049
						4			
016	25FIC036-CL1	CALCU	N2 POS FB TOV-25001E	0.0	100.0	%	No	No	
						5			
017	25PIC049-CL2	CALCU	V-25001F POS FB	0.0	100.0	%	No	No	
						5			
018	25FY036-ST	ST16	PUMP CMN FLT ALARMS	0	0				
						4			
019	25PY049-RL	RL	POS FB COMP	0	0				
						4			
020	25PY049-LC	LC64-E	V-25001F LOGIC	0	0				
						4			
021	25PI-049LD01	LD	CHNG IN VAL	-3.000	3.000	barg	No		
						4			
022	25PI-049AV02	AVE-M	AVG/MIN	-3.000	3.000	barg	No		
						4			
023	25PI-049AV01	AVE-M	GRADIENT/HR	-3.000	3.000	barg	No		25PI-049AV02.CPV
						4			
024	25PI-049MAV02	PVI	NR CHRGE RATE 0.001 /min	-3.000	3.000		No	No	
						4			

Tag Detail (25FIC036-DS1 SET POINT 25FIC-036)

Basic

Tag Name	25FIC036-DS1
Model Name	DSET
Tag Comment	SET POINT 25FIC-036
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-036 NITROGEN TO V-25001F)

Basic

Tag Name	25FIC-036
Model Name	PID
Tag Comment	NITROGEN TO V-25001F
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Reverse
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25FIC036-DS3 FOCE CLOSE 25FIC-036)

Basic

Tag Name	25FIC036-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25FIC-036
Lvl	4
Scan Period	Basic Scan

Tag Detail (25FIC-036ASM V-25001F SELECTOR)

Basic

Tag Name	25FIC-036ASM
Model Name	AS-M
Tag Comment	V-25001F SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25FIC-036.OUT
Signal Input 2(IN2)	25FIC036-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25FIC036-VL1.SET
Interlock Switch Input(INT)	

Tag Detail (25PIC049-DS2 SET POINT 25PIC-049)

Basic

Tag Name	25PIC049-DS2
Model Name	DSET
Tag Comment	SET POINT 25PIC-049
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PI-049 V-25001F PR CNTRL)

Basic

Tag Name	25PI-049
Model Name	PVI
Tag Comment	V-25001F PR CNTRL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1

Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25PIC-049 V-25001F PR CONTROL)

Basic

Tag Name	25PIC-049
Model Name	PID
Tag Comment	V-25001F PR CONTROL
Lvl	3
Scan Period	Basic Scan
Open/Close mark	No
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Control Action	Direct
Measurement Tracking	
MAN mode	Yes
AUT and CND mode	No
CAS and CND mode	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PIC049-DS3 FOCE CLOSE 25PIC-049)

Basic

Tag Name	25PIC049-DS3
Model Name	DSET
Tag Comment	FOCE CLOSE 25PIC-049
Lvl	4
Scan Period	Basic Scan

Tag Detail (25PIC-049ASM V-25001F SELECTOR)

Basic

Tag Name	25PIC-049ASM
Model Name	AS-M
Tag Comment	V-25001F SELECTOR
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No

Connection

Signal Input 1(IN1)	25PIC-049.OUT
Signal Input 2(IN2)	25PIC049-DS3.OUT
Signal Input 3(IN3)	
Operation Output(OUT)	25PIC049-VL2.SET
Interlock Switch Input(INT)	

Tag Detail (25FIC036-VL1 NITROGEN TO V-25001E)

Basic

Tag Name	25FIC036-VL1
Model Name	VELLIM
Tag Comment	NITROGEN TO V-25001E
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (25PIC049-VL2 V-25001F PR CONTROL)

Basic

Tag Name	25PIC049-VL2
Model Name	VELLIM
Tag Comment	V-25001F PR CONTROL
Lvl	4

Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No

Tag Detail (25FY-036 N2 CMD TO V-25001F)

Basic

Tag Name	25FY-036
Model Name	MLD-SW
Tag Comment	N2 CMD TO V-25001F
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25PY-049 V-25001F PR CNTRL CMD)

Basic

Tag Name	25PY-049
Model Name	MLD-SW
Tag Comment	V-25001F PR CNTRL CMD
Lvl	3
Scan Period	Basic Scan
SV Range	
High limit value	100.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	101.00
Output Value for Tight-shut	-1.00
Fully-open/Tightly-shut	No

Tag Detail (25ZI-036 N2 POS FB TOV-25001F)

Basic

Tag Name	25ZI-036
Model Name	PVI-DV
Tag Comment	N2 POS FB TOV-25001F
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25ZI-049 V-25001F POS FB)

Basic

Tag Name	25ZI-049
Model Name	PVI-DV
Tag Comment	V-25001F POS FB
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (25FIC036-CL1 N2 POS FB TOV-25001E)

Basic

Tag Name	25FIC036-CL1
Model Name	CALCU
Tag Comment	N2 POS FB TOV-25001E

Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25FIC036-CL1 N2 POS FB TOV-25001E)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-036.PV             !CV FB
   006        alias   O1      25ZI-036.SV             !CV OUTPUT
   007        alias   DL1     25ZI-036.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-036.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-036.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                          !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25PIC049-CL2 V-25001F POS FB)

Basic

Tag Name	25PIC049-CL2
Model Name	CALCU
Tag Comment	V-25001F POS FB
Lvl	5
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (25PIC049-CL2 V-25001F POS FB)

```
Line Number   General-Purpose Calculation Formula
   001        ********************************************************************
   002        *PID WITH POSITION FEEDBACK DEVIATION LOGIC
   003        ********************************************************************
   004
   005        alias   F1      25ZI-049.PV             !CV FB
   006        alias   O1      25ZI-049.SV             !CV OUTPUT
   007        alias   DL1     25ZI-049.DL             !CV DEV VALUE
   008        alias   DVP1    {25ZI-049.AF.DV+}       !CV DV+ ALARM MASK
   009        alias   DVM1    {25ZI-049.AF.DV-}       !CV DV- ALARM MASK
   010        ! P01                                       !CV MTM TIME DELAY ENTRY FOR ENG ACCESS
   011
   012        A = (F1-O1)
   013        B = DABS(A)
   014        P03 = B                                 !CV DEV DIFFERENCE VALUE
   015
   016        IF (B>DL1)AND (P02<P01)THEN
   017            P02 = P02+1                         !CV MTM TIME DELAY
   018        ELSE IF (B>DL1)AND(P02>=P01) THEN
   019            P02 = P01                               !CV MTM TIME DELAY
   020        ELSE
   021            P02 = 0
   022        END IF
   023
   024        IF (P02>=P01) THEN
   025            DVP1=0
   026            DVM1=0
   027        ELSE
   028            DVP1=1
   029            DVM1=1
   030        END IF
   031
```

Tag Detail (25FY036-ST PUMP CMN FLT ALARMS)

Basic

Tag Name	25FY036-ST
Model Name	ST16
Tag Comment	PUMP CMN FLT ALARMS
Lvl	4

Sequence Tables (25FY036-ST PUMP CMN FLT ALARMS)

Start Timing: Periodic Execution Type(T)
Output Timing: Output Only When Conditions Change(C)
Scan Period: Basic Scan
Control Period: 1
Control Phase: 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	25FY-036.ALRM	OOP	N2 CMD TO V-25001F	.Y..	.N..							
C02	25PY-049.ALRM	OOP	V-25001F PR CNTRL CMD	..Y.	..N.							
C03	25FIC-036.XALRM	IOP	NITROGEN TO V-25001F	...N	....							
C04	25PIC-049.XALRM	IOP	V-25001F PR CONTROL	....	N...							
C05	25FIC-036.MODE	AUT	NITROGEN TO V-25001F	....	.Y..							
C06	25PIC-049.MODE	AUT	V-25001F PR CONTROL	....	..Y.							
C07				....	....							
C08				....	....							
C09				....	....							
C10				....	....							
C11				....	....							
C12				....	....							
C13				....	....							
C14				....	....							
C15				....	....							
C16				....	....							
C17				....	....							
C18				....	....							
C19				....	....							
C20				....	....							
C21				....	....							
C22				....	....							
C23				....	....							
C24				....	....							
C25				....	....							
C26				....	....							
C27				....	....							
C28				....	....							
C29				....	....							
C30				....	....							
C31				....	....							
C32				....	....							
A01	25FIC-036ASM.MODE	AUT	V-25001F SELECTOR	Y...	....							
A02	25PIC-049ASM.MODE	AUT	V-25001F SELECTOR	Y...	....							
A03	25FIC036-VL1.MODE	CAS	NITROGEN TO V-25001E	Y...	....							
A04	25PIC049-VL2.MODE	CAS	V-25001F PR CONTROL	Y...	....							
A05	25FY-036.MODE	MAN	N2 CMD TO V-25001F	.Y..	....							
A06	25PY-049.MODE	MAN	V-25001F PR CNTRL CMD	..Y.	....							
A07	25FIC-036.MODE	AUT	NITROGEN TO V-25001F	...Y	....							
A08	25PIC-049.MODE	AUT	V-25001F PR CONTROL	....	Y...							
A09	25FY-036.MODE	AUT	N2 CMD TO V-25001F	....	.Y..							
A10	25FIC-036ASM.MODE	AUT	V-25001F SELECTOR	....	.Y..							
A11	25PY-049.MODE	AUT	V-25001F PR CNTRL CMD	....	..Y.							
A12	25PIC-049ASM.MODE	AUT	V-25001F SELECTOR	....	..Y.							
A13				....	....							
A14				....	....							
A15				....	....							
A16				....	....							
A17				....	....							
A18				....	....							
A19				....	....							
A20				....	....							
A21				....	....							
A22				....	....							
A23				....	....							
A24				....	....							
A25				....	....							
A26				....	....							
A27				....	....							
A28				....	....							
A29				....	....							
A30				....	....							
A31				....	....							
A32				....	....							
PREV			THEN	....	....							
				....	....							
NEXT			ELSE	....	....							
				....	....							

Tag Detail (25PY049-RL POS FB COMP)

Basic

Tag Name	25PY049-RL
Model Name	RL
Tag Comment	POS FB COMP
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001		Relational Operation		
002		Relational Operation		
003		Relational Operation		
004	25FIC036-CL1.P03	Relational Operation	5	DEVIATION>5
005	25FY-036.MV	Relational Operation	100	FULL OPN CMD
006	25FY-036.MV	Relational Operation	0	FULL CLOSE CMD
007	25PIC049-CL2.P03	Relational Operation	5	DEVIATION>5
008	25PY-049.MV	Relational Operation	100	FULL OPN CMD
009	25PY-049.MV	Relational Operation	0	FULL CLOSE CMD
011	25PI-049AV01.CPV	Relational Operation	0.0	CHECK -VE GRADIENT
012		Relational Operation		
013		Relational Operation		
014		Relational Operation		
015		Relational Operation		
016		Relational Operation		

Tag Detail (25PY049-LC V-25001F LOGIC)

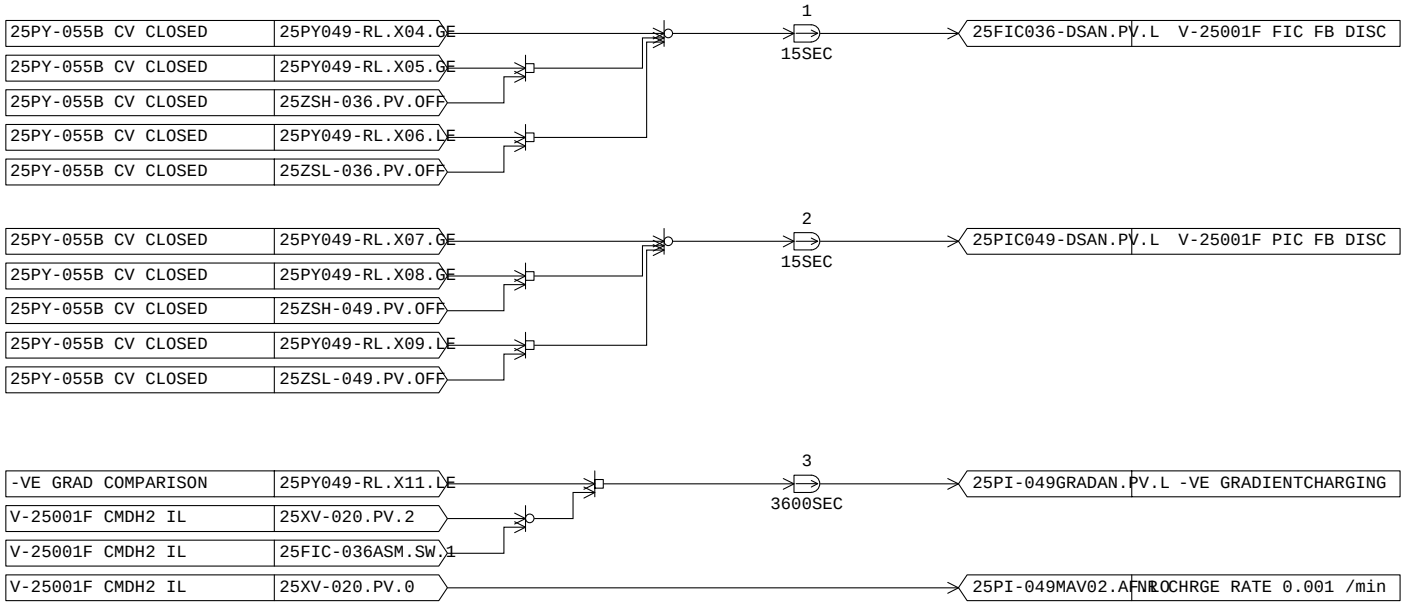
Basic

Tag Name	25PY049-LC
Model Name	LC64-E
Tag Comment	V-25001F LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	25PY049-LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-21-13
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:03 AM	COMMENT:	V-25001F LOGIC		
SECTION:	DR0043	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (25PY049-LC V-25001F LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (25PI-049LD01 CHNG IN VAL)

Basic

Tag Name	25PI-049LD01
Model Name	LD
Tag Comment	CHNG IN VAL
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-049AV02 AVG/MIN)

Basic

Tag Name	25PI-049AV02
Model Name	AVE-M
Tag Comment	AVG/MIN
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-049AV01 GRADIENT/HR)

Basic

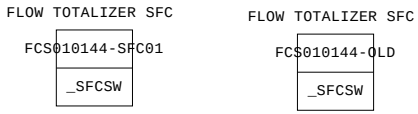
Tag Name	25PI-049AV01
Model Name	AVE-M
Tag Comment	GRADIENT/HR
Lvl	4
Scan Period	Basic Scan
Input Signal Conversion	
Input Signal Conversion	No

Tag Detail (25PI-049MAV02 NR CHRGE RATE 0.001 /min)

Basic

Tag Name	25PI-049MAV02
Model Name	PVI
Tag Comment	NR CHRGE RATE 0.001 /min
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0044.edf	SHEET:		YOKOGAWA	PAGE:3-25-22-1
STATION:	FCS0101	SAVED DATE:	6/13/2025 5:20:57 AM	COMMENT:	FLOW TOTALIZER		
SECTION:	DR0044	PRINTED DATE:	9/15/2025	DRAWER:			



[FCS0201 | DR0191]

PROJECT:	BLPH-CW1	FILE NAME:	DR0044.edf	SHEET:		YOKOGAWA	PAGE:3-25-22-2
STATION:	FCS0101	SAVED DATE:	6/13/2025 5:20:57 AM	COMMENT:	FLOW TOTALIZER		
SECTION:	DR0044	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:FLOW TOTALIZER

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	FCS010144-SFC01	_SFCSW	FLOW TOTALIZER SFC	0	0	4			
002	FCS010144-OLD	_SFCSW	FLOW TOTALIZER SFC	0	0	4			

Tag Detail (FCS010144-SFC01 FLOW TOTALIZER SFC)

Basic

Tag Name	FCS010144-SFC01
Model Name	_SFCSW
Tag Comment	FLOW TOTALIZER SFC
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (FCS010144-SFC01 FLOW TOTALIZER SFC)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	THTHR	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
002	BFR1	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
003	CURHR	F64	20	0		(None)	3	12.2	Direct Input
		Automatic Determination		0	always				
004	BFR2	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
005	CURDY	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
006	HRBFR	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
007	PRVDY	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
008	AUTO	I16	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
009	TAG	CHR16	20	0		(None)	3	12	Direct Input
		Automatic Determination		0	always				
010	TIME	CHR16	20	0		(None)	3	16	Direct Input
		Automatic Determination		0	always				
011	RST	I16	20	0		(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
012	PURSHDT	CHR16	2	0	PUR SHDWN DT&TM	(None)	4	16	Direct Input
		Automatic Determination		0	always				
013	PURMTDT	CHR16	2	0	PUR MNTNC DT&TM	(None)	4	16	Direct Input
		Automatic Determination		0	always				
014	PURSHFQ	F64	6	0	PUR SHDWN FQI	NM3	4	7.1	Direct Input
		Automatic Determination		0	always				
015	PURMTFQ	F64	6	0	PUR MNTNC FQI	NM3	4	7.1	Direct Input
		Automatic Determination		0	always				
016	INTSW	I16	6	0	INTERNAL SWITCH	(None)	4	7.1	Direct Input
		Automatic Determination		0	always				
017	SHFQEND	F64	6	0	SHDWN FQI END	NM3	4	7.1	Direct Input
		Automatic Determination		0	always				
018	MTFQEND	F64	6	0	MNTC FQI END	NM3	4	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

PROJECT:	BLPH-CW1	FILE NAME:	FCS010144-SFC01.edf	SHEET:		YOKOGAWA	PAGE:3-25-22-5
STATION:	FCS0101	SAVED DATE:	6/13/2025 5:20:57 AM	COMMENT:	FLOW TOTALIZER SFC		
SECTION:	DR0044	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List (FCS010144-SFC01 FLOW TOTALIZER SFC)

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail (FCS010144-SFC01 FLOW TOTALIZER SFC)

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Process Name	Description Method	Generic Name / Tag Name Variable Name	Execution Step	Step Name
1	2	4	INITIALIZATION			INITIAL	SEBOL			
2	2	6	PROGRAM			PROG	SEBOL			

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
2	5		

PROJECT:	BLPH-CW1	FILE NAME:	FCS010144-SFC01.edf	SHEET:		YOKOGAWA	PAGE:3-25-22-7
STATION:	FCS0101	SAVED DATE:	6/13/2025 5:20:57 AM	COMMENT:	FLOW TOTALIZER SFC		
SECTION:	DR0044	PRINTED DATE:	9/15/2025	DRAWER:			

SFC (FCS010144-SFC01 FLOW TOTALIZER SFC)

Plane Number: 0 Comment:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

1
2
3 TOTALIZER CALCULATION
4 01 INITIALIZATION
5
6 02 PROGRAM

SEBOL Statement (FCS010144-SFC01 FLOW TOTALIZER SFC)

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:INITIALIZATION X: 2 Y: 4

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name          :  CROSSWIND BLPH
   003        * Project Number            :
   004        * Original Author       :   YOKOGAWA
   005        * Original Date         :   19-11-24
   006        * Function Name         :   FLOW TOTALISER
   007        *
   008        * Revision History      :
   009        *
   010        * Rev#      Date        Author      Description
   011        * ----      --------    ---------   --------------------------------------------------
   012        * 0.0       19-11-24    SK          First Release
   013        ********************************************************************************
   014        * Include Files
   015        #include <std.h>
   016        *<-------------------------------------------------------------------------->
   017        #define TOTTAG      6
   018        *<-------------------------------------------------------------------------->
   019        Global genname  FUNCBLK     TAGN[6]
   020        global             genname        _SFCSW          SEQPM,EXPRTPM,RCRGPM,BLPH,PURG       ! SEQUENCE PERMISSIVE
   021        global          block         %SW                SDNFQISW,MTCFQISW
   022        global          genname        %SW             SHFQANN[6]
   023        global  char*10     timing,date
   024        Global char*16  DTTM
   025        global integer i,SS,NN,HH,DD,MM,YY
   026        *<-------------------------------------------------------------------------->
   027
   028        Assign  "25FI-031"      to  TAGN[1]
   029        Assign  "25FI-032"      to  TAGN[2]
   030        Assign  "25FI-033"      to  TAGN[3]
   031        Assign  "25FI-034"      to  TAGN[4]
   032        Assign  "25FI-038"      to  TAGN[5]
   033        Assign  "25FI-036"      to  TAGN[6]
   034        assign  "25FQI-031AN01"   to  SHFQANN[1]
   035        assign  "25FQI-032AN01"   to  SHFQANN[2]
   036        assign  "25FQI-033AN01"   to  SHFQANN[3]
   037        assign  "25FQI-034AN01"   to  SHFQANN[4]
   038        assign  "25FQI-038AN01"   to  SHFQANN[5]
   039        assign  "25FQI-036AN01"   to  SHFQANN[6]
   040
   041        assign  "SEQPERM16"    to PURG
   042        assign  "BLPHSEQ"      to BLPH
   043
   044
   045
   046
   047        ****************************************************************
   048        for i = 1 to TOTTAG
   049
   050            %.TAG[i] = getname(TAGN[i])
   051
   052        next@
   053        ****************************************************************
   054        quit
```

Step Number: 2 Comment:PROGRAM X: 2 Y: 6

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name          :  CROSSWIND BLPH
   003        * Project Number            :
   004        * Original Author       :   YOKOGAWA
   005        * Original Date         :   19-11-24
   006        * Function Name         :   FLOW TOTALISER
   007        *
   008        * Revision History      :
   009        *
   010        * Rev#      Date        Author      Description
   011        * ----      --------    ---------   --------------------------------------------------
   012        * 0.0       19-11-24    SK          First Release
   013        ********************************************************************************
   014        while(1)
   015
   016        !   getdate(YY,MM,DD)
   017        !   gettime(HH,NN,SS)
   018
   019        !   format "%02d-%02d-%02d",DD,MM,YY;date
   020        !   format "%02d:%02d:%02d",HH,NN,SS;timing
   021
   022
   023        If(SDNFQISW.PV == 1 AND %.INTSW[1] == 0 )  then
```

```
024         for i = 1 to TOTTAG
025           TAGN[i].SUM = 0.0                              !Resetting totalizer values
026           SHFQANN[i].PV = 0                            !Resetting insufficent flow alarms
027           getdate(YY,MM,DD)
028           gettime(HH,NN,SS)
029           format "%02d-%02d-%02d  %02d:%02d",DD,MM,YY,HH,NN;DTTM
030           %.PURSHDT[i] = DTTM
031         next@
032         %.INTSW[1] = 1
033       Else if (SDNFQISW.PV == 1 AND %.INTSW[1] == 1 ) then
034         for i = 1 to TOTTAG
035           %.PURSHFQ[i] = TAGN[i].SUM
036           next@
037       End if
038
039       If (BLPH.STATE == "PURGING" AND BLPH.STATUS[336] == 1 ) then
040           for i = 1 to TOTTAG
041             %.SHFQEND[i] = %.PURSHFQ[i]
042            If (%.SHFQEND[i] <= 4074) then
043              SHFQANN[i].PV = 1
044            End if
045           Next@
046       Else if (BLPH.STATE == "PURGING" AND  BLPH.STATUS[359] == 1) then
047           for i = 1 to TOTTAG
048             %.MTFQEND[i] = %.PURMTFQ[i]
049           next@
050       End if
051
052       If (SDNFQISW.PV == 0) %.INTSW[1] = 0
053
054       ********************************************************************************
055       wend
```

Tag Detail (FCS010144-OLD   FLOW TOTALIZER SFC   )

Basic

Tag Name	FCS010144-OLD
Model Name	_SFCSW
Tag Comment	FLOW TOTALIZER SFC
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (FCS010144-OLD FLOW TOTALIZER SFC)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	THTHR	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
002	BFR1	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
003	CURHR	F64	20	0		(None)	3	12.2	Direct Input
		Automatic Determination		0	always				
004	BFR2	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
005	CURDY	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
006	HRBFR	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
007	PRVDY	F32	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
008	AUTO	I16	20	0		(None)	3	9.2	Direct Input
		Automatic Determination		0	always				
009	TAG	CHR16	20	0		(None)	3	12	Direct Input
		Automatic Determination		0	always				
010	TIME	CHR16	20	0		(None)	3	16	Direct Input
		Automatic Determination		0	always				
011	RST	I16	20	0		(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

PROJECT:	BLPH-CW1	FILE NAME:	FCS010144-OLD.edf	SHEET:		YOKOGAWA	PAGE:3-25-22-11
STATION:	FCS0101	SAVED DATE:	6/10/2025 1:34:22 AM	COMMENT:	FLOW TOTALIZER SFC		
SECTION:	DR0044	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List (FCS010144-OLD FLOW TOTALIZER SFC)

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail (FCS010144-OLD FLOW TOTALIZER SFC)

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Process Name	Description Method	Generic Name / Tag Name Variable Name	Execution Step	Step Name
1	2	4	INITIALIZATION			INITIAL	SEBOL			
2	2	6	PROGRAM			PROG	SEBOL			

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
2	5		

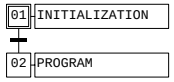
PROJECT:	BLPH-CW1	FILE NAME:	FCS010144-OLD.edf	SHEET:		YOKOGAWA	PAGE:3-25-22-13
STATION:	FCS0101	SAVED DATE:	6/10/2025 1:34:22 AM	COMMENT:	FLOW TOTALIZER SFC		
SECTION:	DR0044	PRINTED DATE:	9/15/2025	DRAWER:			

SFC (FCS010144-OLD FLOW TOTALIZER SFC)

Plane Number: 0 Comment:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

TOTALIZER CALCULATION



SEBOL Statement (FCS010144-OLD FLOW TOTALIZER SFC)

Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:INITIALIZATION X: 2 Y: 4

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name          :  CROSSWIND BLPH
   003        * Project Number            :
   004        * Original Author       :   YOKOGAWA
   005        * Original Date         :   19-11-24
   006        * Function Name         :   FLOW TOTALISER
   007        *
   008        * Revision History      :
   009        *
   010        * Rev#      Date        Author      Description
   011        * ----      --------    ---------   --------------------------------------------------
   012        * 0.0       19-11-24    SK          First Release
   013        ********************************************************************************
   014        * Include Files
   015        #include <std.h>
   016        *<-------------------------------------------------------------------------->
   017        #define TOTTAG      6
   018        *<-------------------------------------------------------------------------->
   019        Global genname  FUNCBLK     TAGN[6]
   020        global             genname        _SFCSW          SEQPM,EXPRTPM,RCRGPM,BLPH,PURG       ! SEQUENCE PERMISSIVE
   021
   022        global  char*10     timing,date
   023        Global char*16  DTTM
   024        global integer i,SS,NN,HH,DD,MM,YY
   025        *<-------------------------------------------------------------------------->
   026
   027        Assign  "25FI-031"      to  TAGN[1]
   028        Assign  "25FI-032"      to  TAGN[2]
   029        Assign  "25FI-033"      to  TAGN[3]
   030        Assign  "25FI-034"      to  TAGN[4]
   031        Assign  "25FI-038"      to  TAGN[5]
   032        Assign  "25FI-036"      to  TAGN[6]
   033        assign  "SEQPERM16"    to PURG
   034        assign  "BLPHSEQ"      to BLPH
   035
   036
   037
   038
   039        ****************************************************************
   040        for i = 1 to TOTTAG
   041
   042            %.TAG[i] = getname(TAGN[i])
   043
   044        next@
   045        ****************************************************************
   046        quit
```

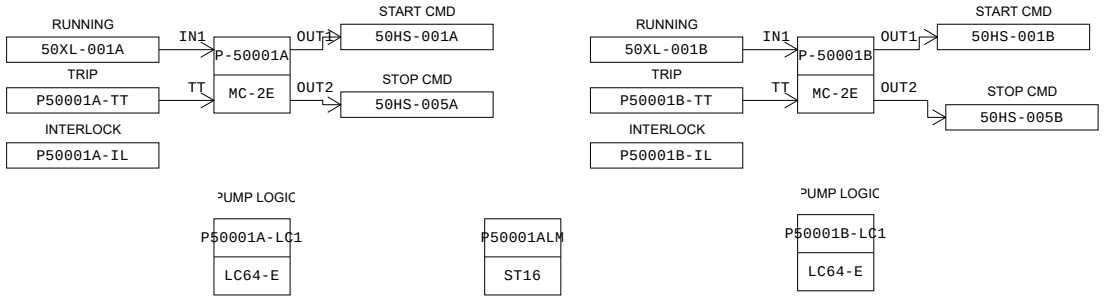
Step Number: 2 Comment:PROGRAM X: 2 Y: 6

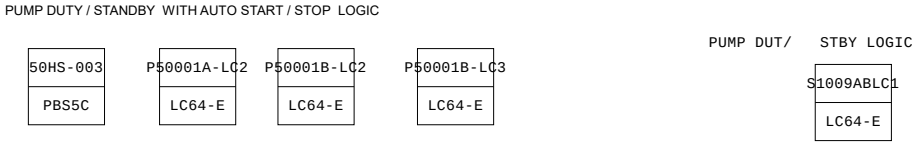
```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name          :  CROSSWIND BLPH
   003        * Project Number            :
   004        * Original Author       :   YOKOGAWA
   005        * Original Date         :   19-11-24
   006        * Function Name         :   FLOW TOTALISER
   007        *
   008        * Revision History      :
   009        *
   010        * Rev#      Date        Author      Description
   011        * ----      --------    ---------   --------------------------------------------------
   012        * 0.0       19-11-24    SK          First Release
   013        ********************************************************************************
   014        while(1)
   015
   016            getdate(YY,MM,DD)
   017            gettime(HH,NN,SS)
   018
   019            format "%02d-%02d-%02d",DD,MM,YY;date
   020            format "%02d:%02d:%02d",HH,NN,SS;timing
   021        !if(HH == 23 and NN == 59 and (SS > 55 and SS <= 60)) then
   022
   023
   024        !if((PURG.STEPNO==3) OR (PURG.STEPNO==4)) then
   025        !for i = 1 to TOTTAG
   026        !       %.CURHR[i]= TAGN[i].SUM
   027        !   if(%.Auto[i] == 1) then
   028        !       %.BFR1[i] = %.THTHR[i]
   029        !       %.THTHR[i] = TAGN[i].SUM
   030        !       %.PRVDY[i] = %.PRVDY[i]+%.BFR1[i]
   031        !       TAGN[i].SUM = 0.0
```

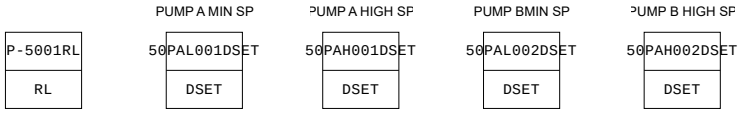
```
032         !       %.CURHR[i]= 0.0
033         !       format "%02d-%02d-%02d  %02d:%02d",DD,MM,YY,HH,NN;DTTM
034         !       %.TIME[i] = DTTM
035         !       end if
036         !next@
037         !delay 9000
038         !end if
039         for i = 1 to TOTTAG
040                 if(BLPH.STATUS[i+420]==1)then !Flow totalizer OFF
041                     %.RST[i]=0
042                 else
043                     %.RST[i]=1
044                 end if
045                 %.CURHR[i]= TAGN[i].SUM
046                 if(%.Auto[i] == 0 and %.RST[i] == 1) then
047                 getdate(YY,MM,DD)
048                 gettime(HH,NN,SS)
049                 format "%02d-%02d-%02d  %02d:%02d",DD,MM,YY,HH,NN;DTTM
050                 %.TIME[i] = DTTM
051                 %.RST[i] = 0
052                 %.PRVDY[i] = %.PRVDY[i]+%.THTHR[i]
053                 %.THTHR[i] = TAGN[i].SUM
054                 TAGN[i].SUM = 0.0
055                 end if
056             next@
057         ********************************************************************************
058         wend
```

PROJECT:	BLPH-CW1	FILE NAME:	DR0046.edf	SHEET:		YOKOGAWA	PAGE:3-25-23-1
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:24:19 AM	COMMENT:	P-50001A DUTY/STANDBY PUMP		
SECTION:	DR0046	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0046 | BLPH-CW | TYP004 | DUTY/STANDBY PUMP]







PROJECT:	BLPH-CW1	FILE NAME:	DR0046.edf	SHEET:		YOKOGAWA	PAGE:3-25-23-2
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:24:19 AM	COMMENT:	P-50001A DUTY/STANDBY PUMP		
SECTION:	DR0046	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:P-50001A DUTY/STANDBY PUMP

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	P-50001A	MC-2E	P-50001A SEAWATER PUMP	0.0	100.0	(None)	2-position Status Input		
						3			
002	P-50001B	MC-2E	P-50001B SEAWATER PUMP	0.0	100.0	(None)	2-position Status Input		
						3			
003	50HS-003	PBS5C	DUTY PUMP SELECTION	0	0				
						3			
004	P50001A-LC1	LC64-E	PUMP LOGIC	0	0				
						4			
005	P50001B-LC1	LC64-E	PUMP LOGIC	0	0				
						4			
006	P50001B-LC3	LC64-E	PUMP B D/S LOGIC	0	0				
						4			
007	P50001A-LC2	LC64-E	PUMP A D/S LOGIC	0	0				
						4			
008	P50001B-LC2	LC64-E	PUMP B D/S LOGIC	0	0				
						4			
009	P-5001RL	RL		0	0				
						4			
010	50PAL001DSET	DSET		0.0	100.0	%			
						4			
011	50PAH001DSET	DSET		0.0	100.0	%			
						4			
012	50PAL002DSET	DSET		0.0	100.0	%			
						4			
013	50PAH002DSET	DSET		0.0	100.0	%			
						4			
014	S1009ABLC1	LC64-E	PUMP DUT/ STBY LOGIC	0	0				
						4			
015	P50001ALM	ST16		0	0				
						4			

Tag Detail (P-50001A P-50001A SEAWATER PUMP)

Basic

Tag Name	P-50001A
Model Name	MC-2E
Tag Comment	P-50001A SEAWATER PUMP
Lvl	3
Scan Period	Basic Scan
Switch Position Label	START,,STOP,START
Label	Direct
Input Signal Conversion	
Input Signal Conversion	2-position Status Input
Direction of Answerback	Direct

Tag Detail (P-50001B P-50001B SEAWATER PUMP)

Basic

Tag Name	P-50001B
Model Name	MC-2E
Tag Comment	P-50001B SEAWATER PUMP
Lvl	3
Scan Period	Basic Scan
Switch Position Label	START,,STOP,START
Label	Direct
Input Signal Conversion	
Input Signal Conversion	2-position Status Input
Direction of Answerback	Direct

Tag Detail (50HS-003 DUTY PUMP SELECTION)

Basic

Tag Name	50HS-003
Model Name	PBS5C
Tag Comment	DUTY PUMP SELECTION
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	50HS-003.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	50HS-003.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	50HS-003.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	50HS-003.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	P50001A	P50001A	Gray	Green
002	Not used	OFF	ON	White	Red
003	Button with Lamp	P50001B	P50001B	Gray	Green
004	Not used	OFF	ON	White	Red
005	Not used	OFF	BYP	Gray	Green

Tag Detail (P50001A-LC1 PUMP LOGIC)

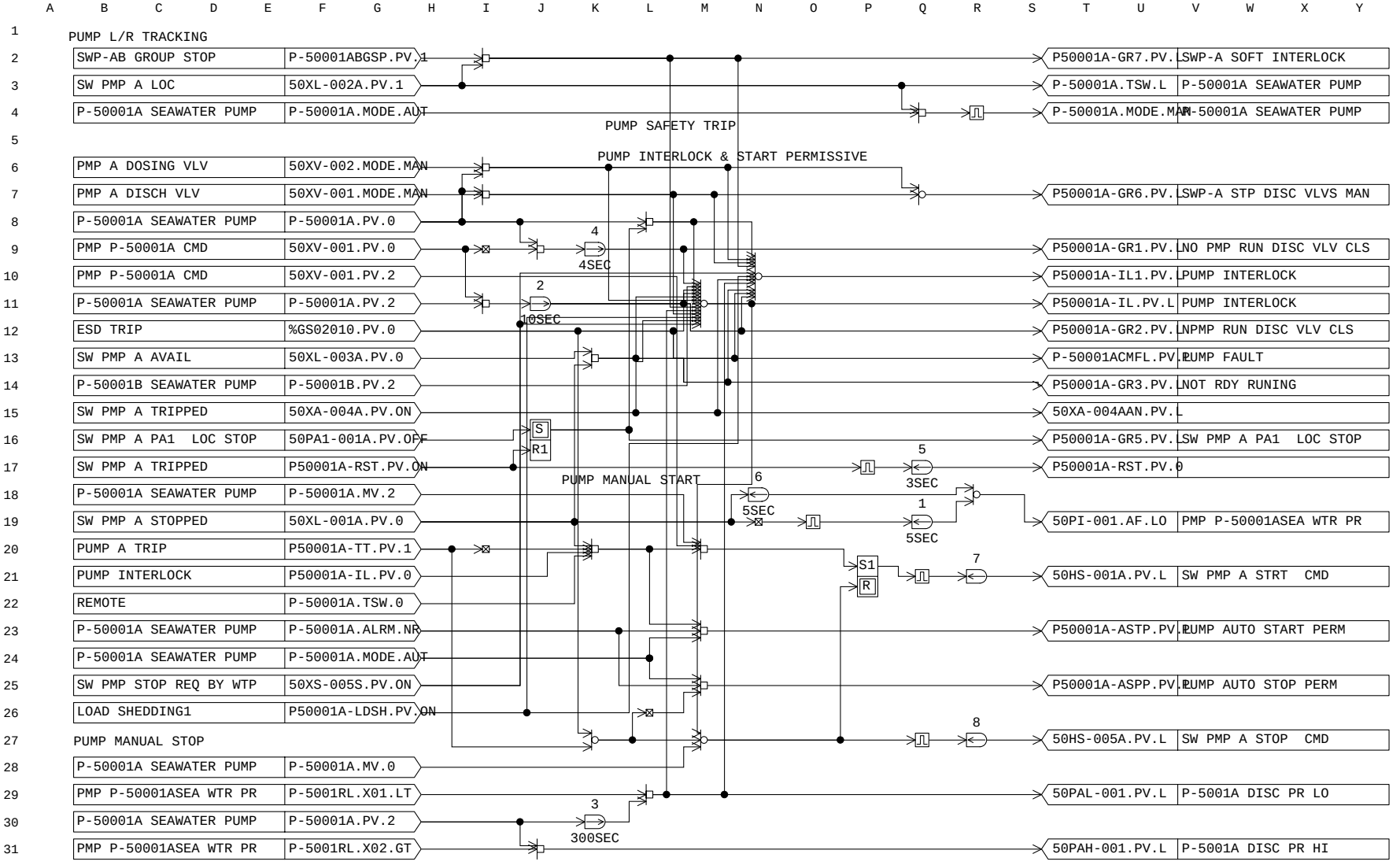
Basic

Tag Name	P50001A-LC1
Model Name	LC64-E
Tag Comment	PUMP LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	P50001A-LC1.edf	SHEET:		YOKOGAWA	PAGE:3-25-23-4
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:17:52 AM	COMMENT:	PUMP LOGIC		
SECTION:	DR0046	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (P50001A-LC1 PUMP LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (P50001B-LC1 PUMP LOGIC)

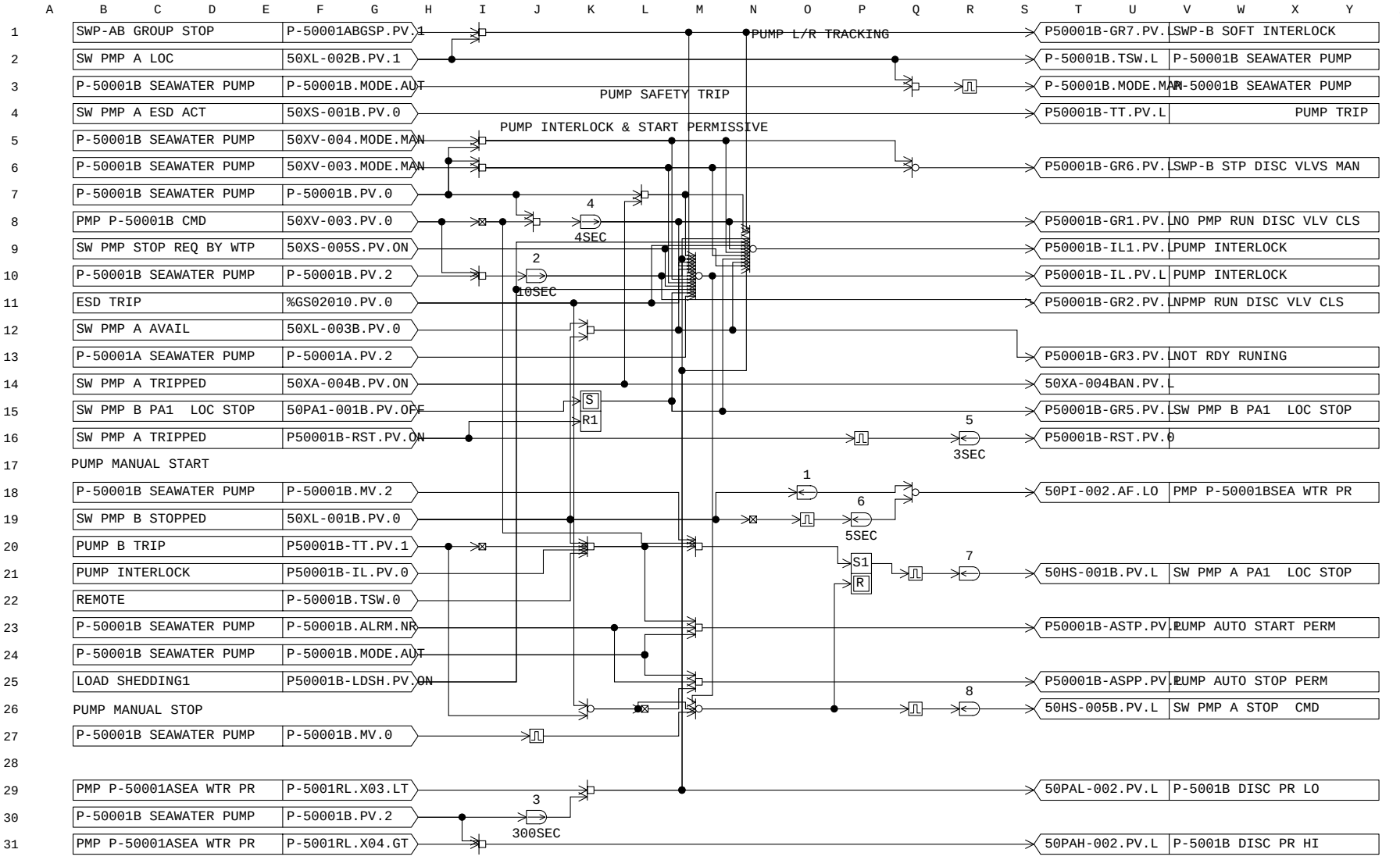
Basic

Tag Name	P50001B-LC1
Model Name	LC64-E
Tag Comment	PUMP LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	P50001B-LC1.edf	SHEET:		YOKOGAWA	PAGE:3-25-23-6
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:17:52 AM	COMMENT:	PUMP LOGIC		
SECTION:	DR0046	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (P50001B-LC1 PUMP LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (P50001B-LC3 PUMP B D/S LOGIC)

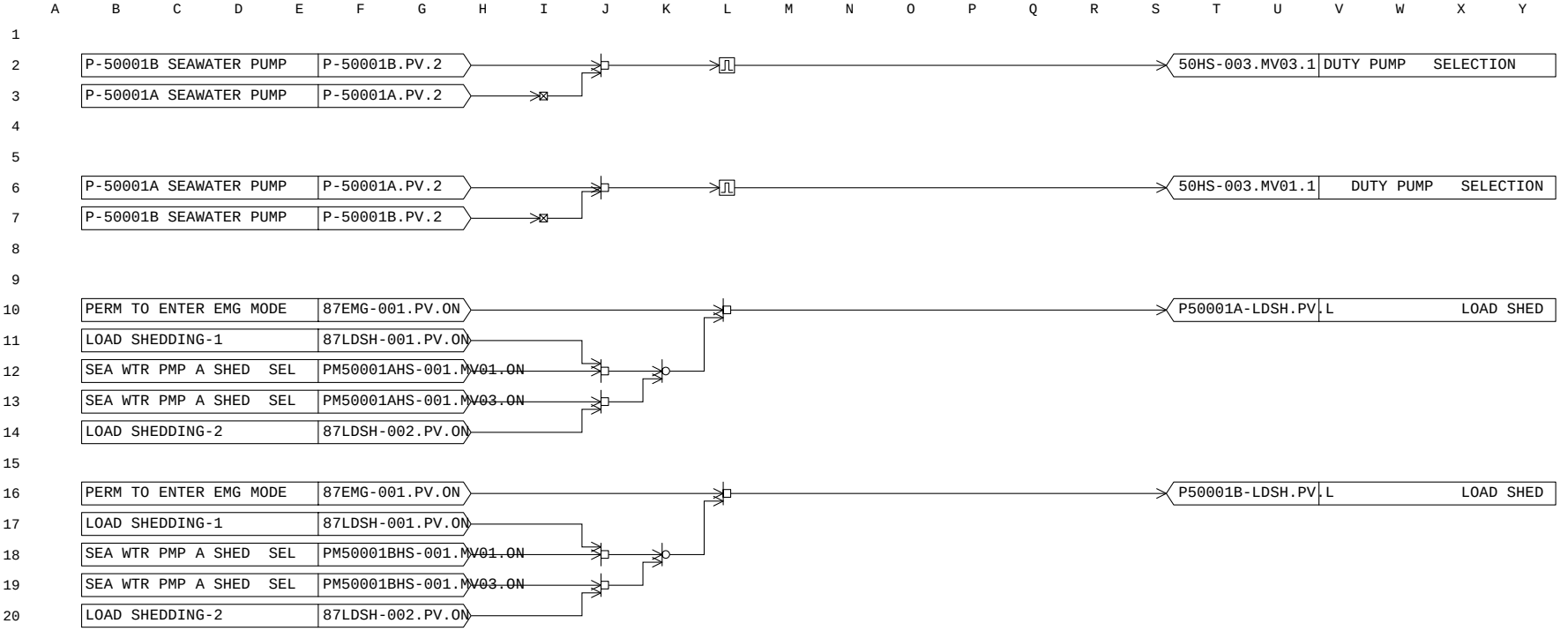
Basic

Tag Name	P50001B-LC3
Model Name	LC64-E
Tag Comment	PUMP B D/S LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	P50001B-LC3.edf	SHEET:		YOKOGAWA	PAGE:3-25-23-8
STATION:	FCS0101	SAVED DATE:	5/22/2025 1:26:44 AM	COMMENT:	PUMP B D/S LOGIC		
SECTION:	DR0046	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (P50001B-LC3 PUMP B D/S LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (P50001A-LC2 PUMP A D/S LOGIC)

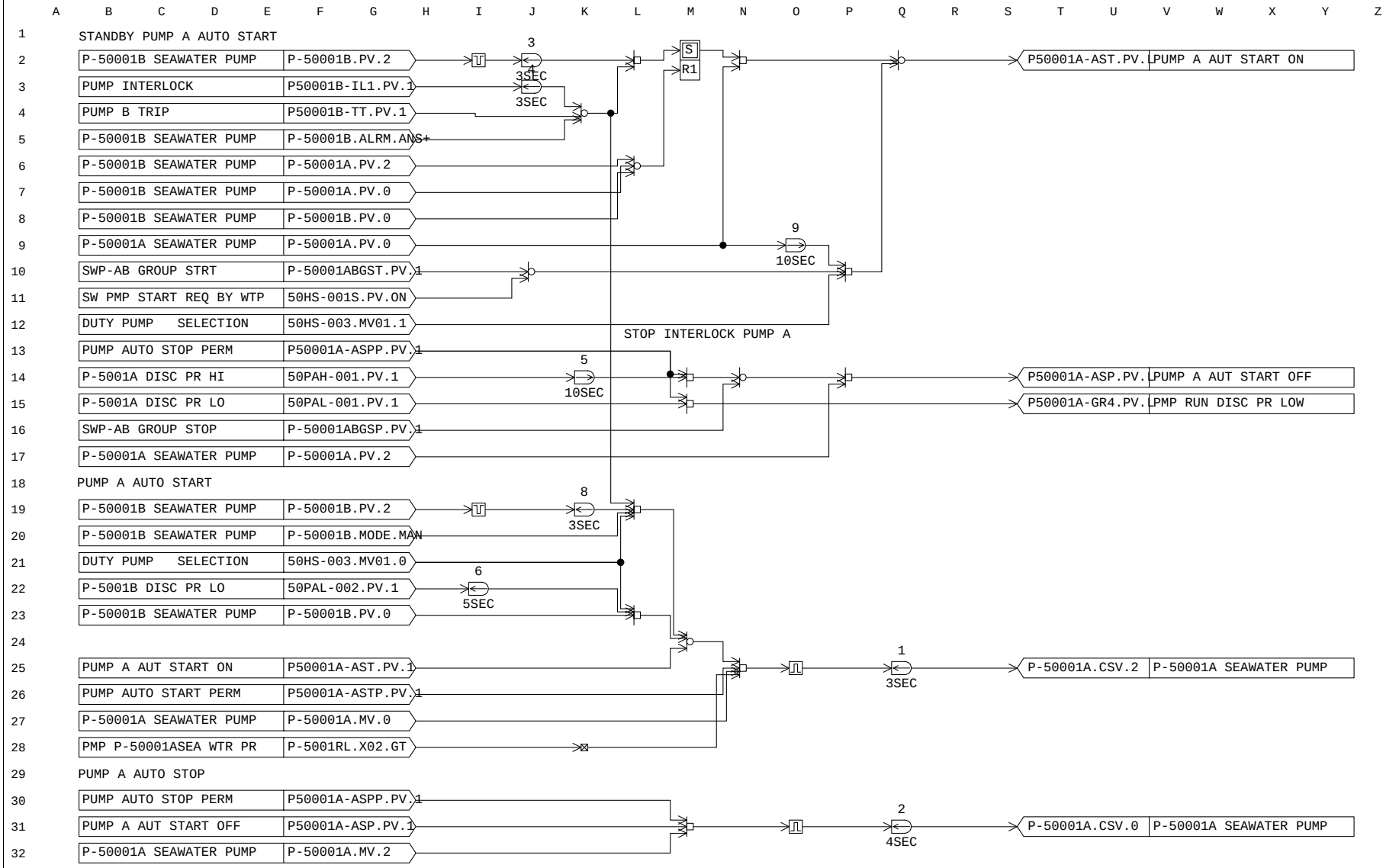
Basic

Tag Name	P50001A-LC2
Model Name	LC64-E
Tag Comment	PUMP A D/S LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	P50001A-LC2.edf	SHEET:		YOKOGAWA	PAGE:3-25-23-10
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:49:46 AM	COMMENT:	PUMP A D/S LOGIC		
SECTION:	DR0046	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (P50001A-LC2 PUMP A D/S LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (P50001B-LC2 PUMP B D/S LOGIC)

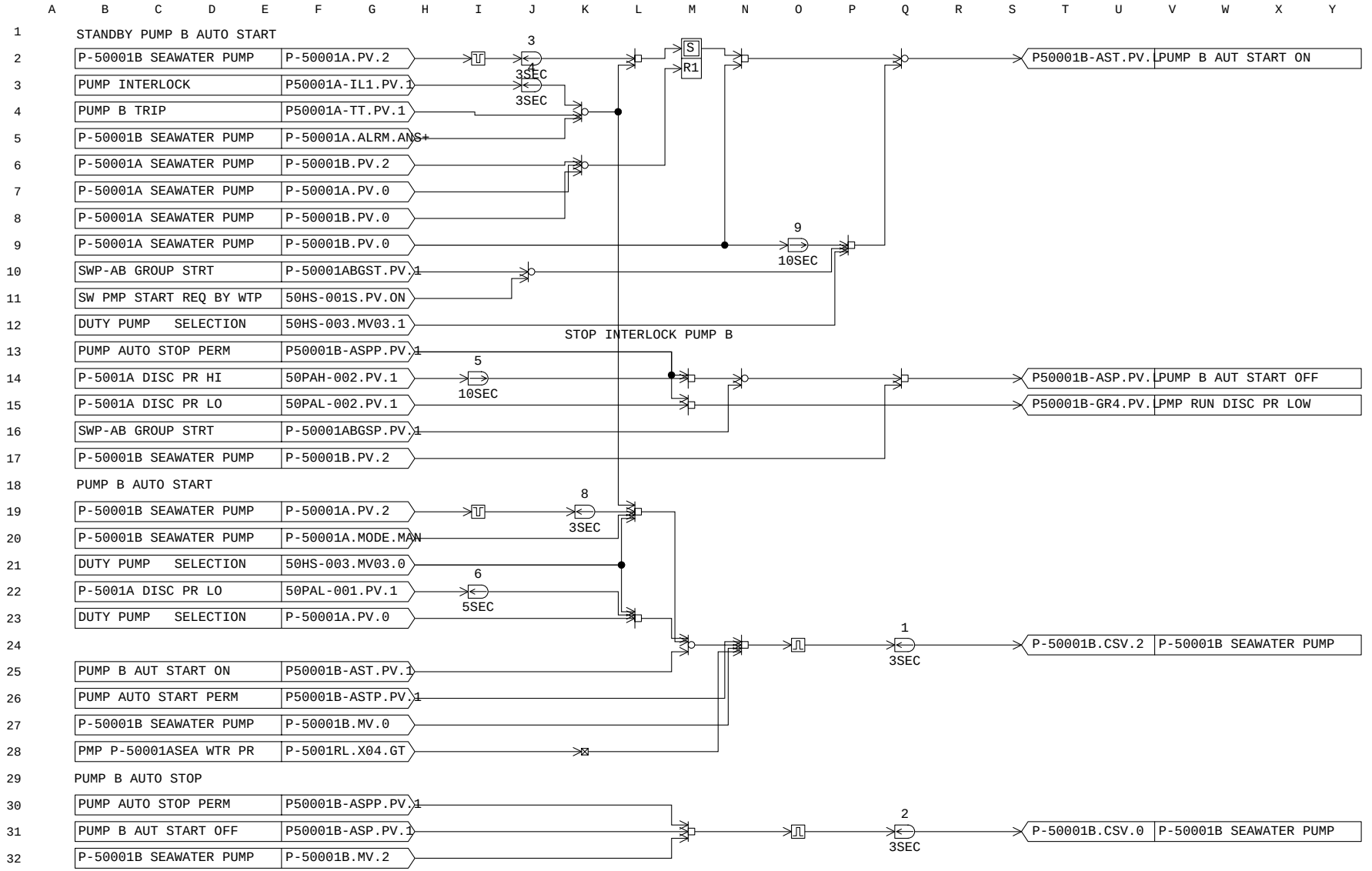
Basic

Tag Name	P50001B-LC2
Model Name	LC64-E
Tag Comment	PUMP B D/S LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	P50001B-LC2.edf	SHEET:		YOKOGAWA	PAGE:3-25-23-12
STATION:	FCS0101	SAVED DATE:	7/25/2025 8:13:04 AM	COMMENT:	PUMP B D/S LOGIC		
SECTION:	DR0046	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (P50001B-LC2 PUMP B D/S LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (P-5001RL)

Basic

Tag Name	P-5001RL
Model Name	RL
Tag Comment	
Lvl	4

Relational Expression

No. X	Operator	Y	Comment
001 50PI-001.PV	Relational Operation	50PAL001DSET.sv	
002 50PI-001.PV	Relational Operation	50PAH001DSET.sv	
003 50PI-002.PV	Relational Operation	50PAL002DSET.sv	
004 50PI-002.PV	Relational Operation	50PAH002DSET.sv	

Tag Detail (50PAL001DSET)

Basic

Tag Name	50PAL001DSET
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (50PAH001DSET)

Basic

Tag Name	50PAH001DSET
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (50PAL002DSET)

Basic

Tag Name	50PAL002DSET
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (50PAH002DSET)

Basic

Tag Name	50PAH002DSET
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (S1009ABLC1 PUMP DUT/ STBY LOGIC)

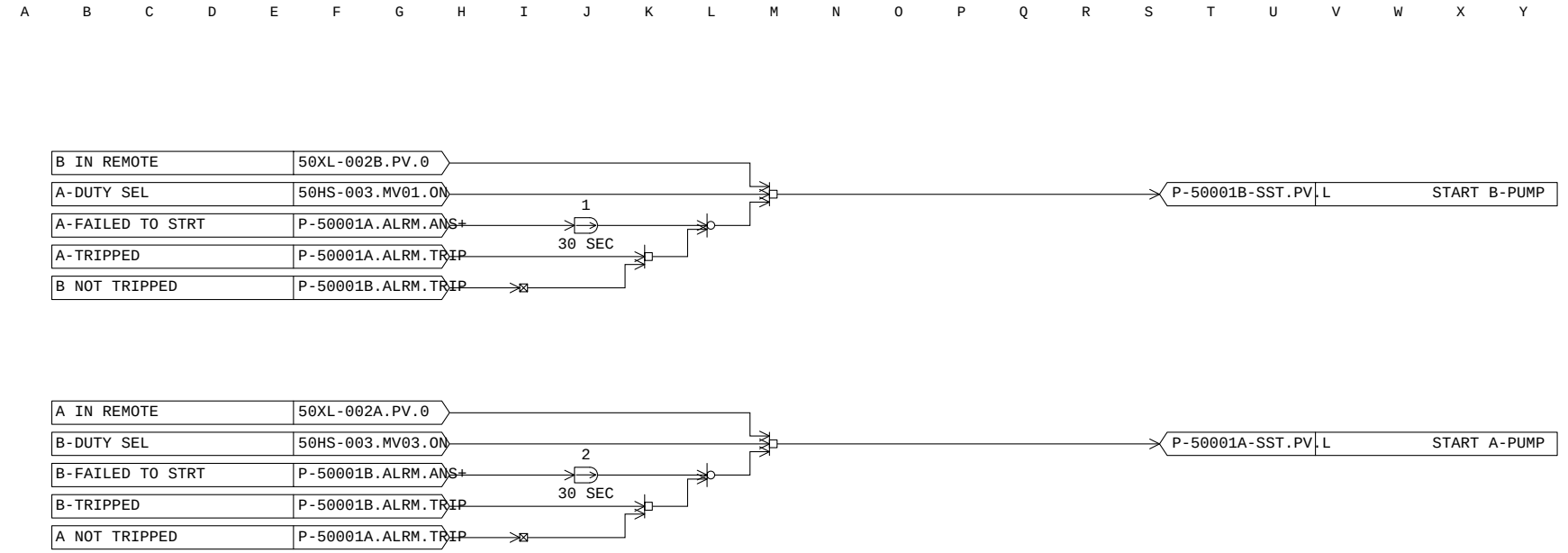
Basic

Tag Name	S1009ABLC1
Model Name	LC64-E
Tag Comment	PUMP DUT/ STBY LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	S1009ABLC1.edf	SHEET:		YOKOGAWA	PAGE:3-25-23-14
STATION:	FCS0101	SAVED DATE:	7/25/2025 10:17:52 AM	COMMENT:	PUMP DUT/ STBY LOGIC		
SECTION:	DR0046	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (S1009ABLC1 PUMP DUT/ STBY LOGIC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————————
Reverse Direction Wiring	————————



Tag Detail (P50001ALM)

Basic

Tag Name	P50001ALM
Model Name	ST16
Tag Comment	
Lvl	4

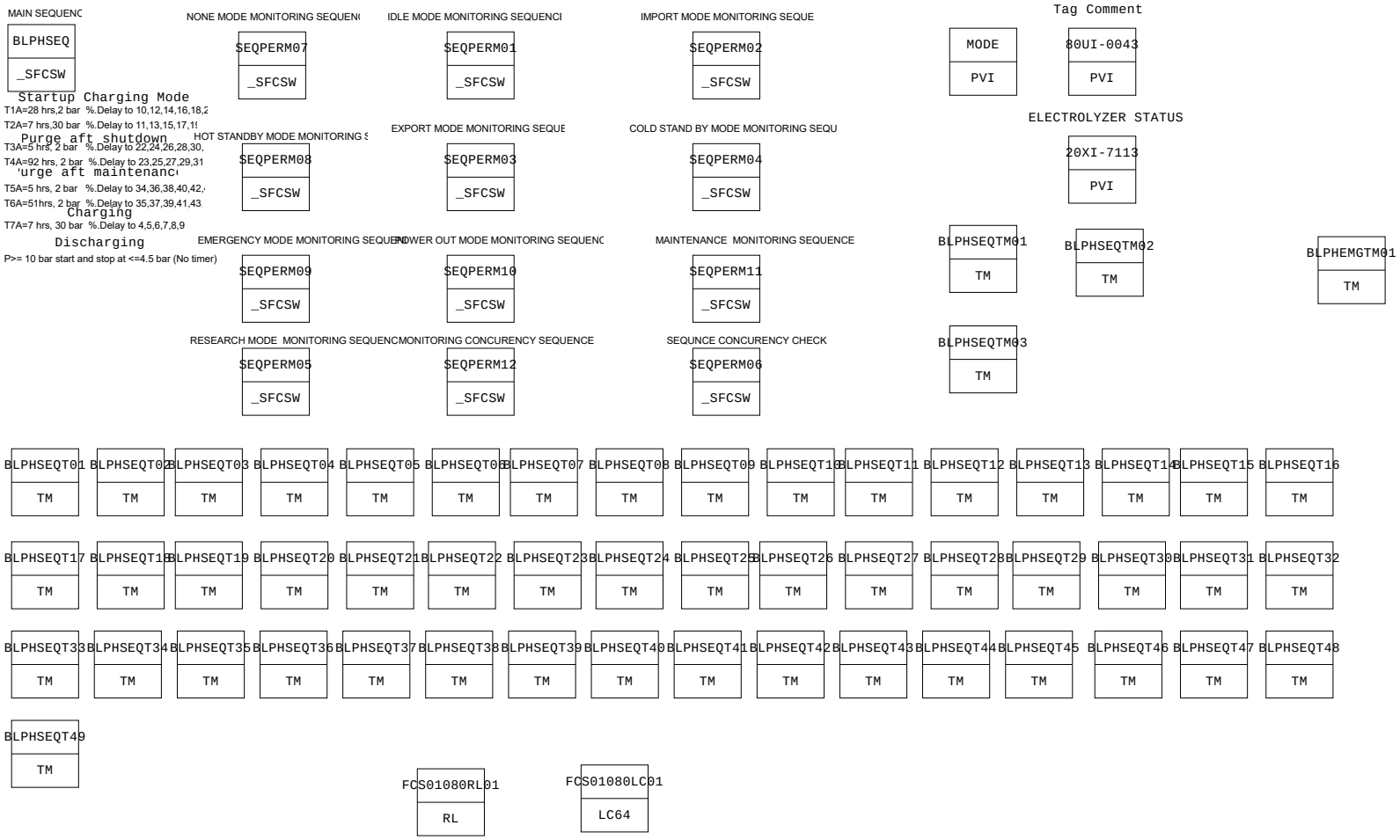
Sequence Tables (P50001ALM)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	Comment
C01	P50001A-TT.PV	1	SW PUMP A TRIP	Y	
C02	P50001B-TT.PV	1	SW PMP B T.TRIP	.Y	
C03					
C04					
C05					
C06					
C07					
C08					
C09					
C10					
C11					
C12					
C13					
C14					
C15					
C16					
C17					
C18					
C19					
C20					
C21					
C22					
C23					
C24					
C25					
C26					
C27					
C28					
C29					
C30					
C31					
C32					
A01	P50001A-TTAN.PV	L	SW PMP A T.TRIP	Y	
A02	P50001B-TTAN.PV	L	SW PMP B T.TRIP	.Y	
A03					
A04					
A05					
A06					
A07					
A08					
A09					
A10					
A11					
A12					
A13					
A14					
A15					
A16					
A17					
A18					
A19					
A20					
A21					
A22					
A23					
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A25					
A26					
A27					
A28					
A29					
A30					
A31					
A32					
	PREV		THEN		
	NEXT		ELSE		

PROJECT:	BLPH-CW1	FILE NAME:	DR0080.edf	SHEET:		YOKOGAWA	PAGE:3-25-24-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 4:59:37 AM	COMMENT:	SEQUENCE LOGIC		
SECTION:	DR0080	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0080 | BLPH-CW | SEQUENCE]



PROJECT:	BLPH-CW1	FILE NAME:	DR0080.edf	SHEET:		YOKOGAWA	PAGE:3-25-24-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 4:59:37 AM	COMMENT:	SEQUENCE LOGIC		
SECTION:	DR0080	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:SEQUENCE LOGIC

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	BLPHSEQ	_SFCSW	MAIN SEQUENCE	0	0				
						4			
002	SEQPERM01	_SFCSW	IDLE MONITORING SEQ	0	0				
						4			
003	SEQPERM03	_SFCSW	EXPORT MONITORING SEQ	0	0				
						4			
004	SEQPERM04	_SFCSW	COLD STDBYMONITORING SEQ	0	0				
						4			
005	SEQPERM05	_SFCSW	RESEARCH MONITORING SEQ	0	0				
						4			
006	MODE	PVI	EMCS CURRENT MODE	0	10	(None)	No	No	
						4			
007	20XI-7113	PVI	ELECTROLYZER STATUS	0.0	100.0	%	No	No	
						4			
008	80UI-0043	PVI		0.0	100.0	%	No	No	
						4			
009	BLPHSEQTM01	TM	SEQUENCE TIMER	0	0				
						4			
010	BLPHSEQT01	TM	SEQUENCE TIMER	0	0				
						3			
011	BLPHSEQT02	TM	SEQUENCE TIMER	0	0				
						3			
012	BLPHSEQT03	TM	SEQUENCE TIMER	0	0				
						3			
013	BLPHSEQT04	TM	T7A	0	0				
						3			
014	BLPHSEQT05	TM	T7B	0	0				
						3			
015	BLPHSEQT06	TM	T7C	0	0				
						3			
016	BLPHSEQT07	TM	T7D	0	0				
						3			
017	BLPHSEQT08	TM	T7E	0	0				
						3			
018	BLPHSEQT09	TM	T7F	0	0				
						3			
019	BLPHSEQT10	TM	T1A	0	0				
						3			
020	BLPHSEQT11	TM	T2A	0	0				
						3			
021	BLPHSEQT12	TM	T1B	0	0				
						3			
022	BLPHSEQT13	TM	T2B	0	0				
						3			
023	BLPHSEQT14	TM	T1C	0	0				
						3			
024	BLPHSEQT15	TM	T2C	0	0				
						3			
025	BLPHSEQT16	TM	T1D	0	0				
						3			
026	BLPHSEQT17	TM	T2D	0	0				
						3			
027	BLPHSEQT18	TM	T1E	0	0				
						3			

028	BLPHSEQT19	TM	T2E	0	0	3
029	BLPHSEQT20	TM	T1F	0	0	3
030	BLPHSEQT21	TM	T2F	0	0	3
031	BLPHSEQT22	TM	T3A	0	0	3
032	BLPHSEQT23	TM	T4A	0	0	3
033	BLPHSEQT24	TM	T3B	0	0	3
034	BLPHSEQT25	TM	T4B	0	0	3
035	BLPHSEQT26	TM	T3C	0	0	3
036	BLPHSEQT27	TM	T4C	0	0	3
037	BLPHSEQT28	TM	T3D	0	0	3
038	BLPHSEQT29	TM	T4D	0	0	3
039	BLPHSEQT30	TM	T3E	0	0	3
040	BLPHSEQT31	TM	T4E	0	0	3
041	BLPHSEQT32	TM	T3F	0	0	3
042	BLPHSEQT33	TM	T4F	0	0	3
043	SEQPERM02	_SFCSW	IMPORT MONITORING SEQ	0	0	4
044	SEQPERM06	_SFCSW	CONCRRENCYMONITORING SEQ	0	0	4
045	SEQPERM07	_SFCSW	MONITORING SEQ	0	0	4
046	SEQPERM08	_SFCSW	HOT STDBY MONITORING SEQ	0	0	4
047	SEQPERM09	_SFCSW	EMERGENCY MONITORING	0	0	4
048	SEQPERM10	_SFCSW	POWERCUT MONITORING SEQ	0	0	4
049	SEQPERM11	_SFCSW	MAINTENANCMONITORING SEQ	0	0	4
050	BLPHSEQTM02	TM	SEQUENCE TIMER	0	0	4
051	BLPHSEQT34	TM	SEQUENCE TIMER	0	0	3
052	BLPHSEQT35	TM	SEQUENCE TIMER	0	0	3
053	BLPHSEQT36	TM	SEQUENCE TIMER	0	0	3
054	BLPHSEQT37	TM	SEQUENCE TIMER	0	0	3
055	BLPHSEQT38	TM	SEQUENCE TIMER	0	0	3
056	BLPHSEQT39	TM	SEQUENCE TIMER	0	0	3
057	BLPHSEQT40	TM	SEQUENCE TIMER	0	0	

PROJECT:	BLPH-CW1	FILE NAME:	DR0080.edf	SHEET:		YOKOGAWA	PAGE:3-25-24-4
STATION:	FCS0101	SAVED DATE:	4/12/2025 4:59:37 AM	COMMENT:	SEQUENCE LOGIC		
SECTION:	DR0080	PRINTED DATE:	9/15/2025	DRAWER:			

058	BLPHSEQT41	TM	SEQUENCE TIMER	0	0	3
059	BLPHSEQT42	TM	SEQUENCE TIMER	0	0	3
060	BLPHSEQT43	TM	SEQUENCE TIMER	0	0	3
061	BLPHSEQT44	TM	SEQUENCE TIMER	0	0	3
062	BLPHSEQT45	TM	SEQUENCE TIMER	0	0	3
063	BLPHEMGTM01	TM	SEQUENCE TIMER	0	0	3
064	FCS01080RL01	RL		0	0	4
065	FCS01080LC01	LC64		0	0	4
066	SEQPERM12	_SFCSW	MONITORING CONCURENCY	0	0	4
067	BLPHSEQTM03	TM	SEQUENCE TIMER	0	0	4
068	BLPHSEQT46	TM	SEQUENCE TIMER	0	0	4
069	BLPHSEQT47	TM	SEQUENCE TIMER	0	0	3
070	BLPHSEQT48	TM	SEQUENCE TIMER	0	0	3
071	BLPHSEQT49	TM	SEQUENCE TIMER	0	0	3

Tag Detail (BLPHSEQ MAIN SEQUENCE)

Basic

Tag Name	BLPHSEQ
Model Name	_SFCSW
Tag Comment	MAIN SEQUENCE
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	BLPH
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Periodic Execution
After step transition	Continue

Data Item Definition (BLPHSEQ MAIN SEQUENCE)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	SWPBEN	I16	5	0	ENBALING SOFT PB	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
002	DLY	I16	50	0	DELAY TIME	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
003	OPMSG	CHR16	4	0	OPRN MASSAGE	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
004	STEP	I16	50	0	STEP INDICATION	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
005	STATE	CHR16	0	0	MODE INDICATION	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
006	STATUS	I16	450	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
007	TRANSIT	I16	0	0	STEP TRANSITION	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
008	APSIND	I16	100	0	OVERVIEW IND	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
009	DISCHRG	I16	0	0	DISCHARGE ENTER	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
010	CHRG	F32	0	0	ENTERED CHARGE	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
011	SHTPUR	F32	0	0	SHUTDOWN PURGE	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
012	MNTPUR	F32	0	0	MNT PURGE	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
013	STUPCHR	F32	0	0	STARUP CHARGE	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (SEQPERM01 IDLE MONITORING SEQ)

Basic

Tag Name	SEQPERM01
Model Name	_SFCSW
Tag Comment	IDLE MONITORING SEQ
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	MONITOR
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM01 IDLE MONITORING SEQ)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (SEQPERM03 EXPORT MONITORING SEQ)

Basic

Tag Name	SEQPERM03
Model Name	_SFCSW
Tag Comment	EXPORT MONITORING SEQ
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	EXPRTMON
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM03 EXPORT MONITORING SEQ)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (SEQPERM04 COLD STDBYMONITORING SEQ)

Basic

Tag Name	SEQPERM04
Model Name	_SFCSW
Tag Comment	COLD STDBYMONITORING SEQ
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	CLDSBMON
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM04 COLD STDBYMONITORING SEQ)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (SEQPERM05 RESEARCH MONITORING SEQ)

Basic

Tag Name	SEQPERM05
Model Name	_SFCSW
Tag Comment	RESEARCH MONITORING SEQ
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	RSRGMON
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM05 RESEARCH MONITORING SEQ)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
002	H2ILK	I16	0	0		(None)	4	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (MODE EMCS CURRENT MODE)

Basic

Tag Name	MODE
Model Name	PVI
Tag Comment	EMCS CURRENT MODE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20XI-7113 ELECTROLYZER STATUS)

Basic

Tag Name	20XI-7113
Model Name	PVI
Tag Comment	ELECTROLYZER STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80UI-0043)

Basic

Tag Name	80UI-0043
Model Name	PVI
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (BLPHSEQTM01 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQTM01
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	4
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT01 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT01
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Second Timer

Tag Detail (BLPHSEQT02 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT02
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT03 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT03
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT04 T7A)

Basic

Tag Name	BLPHSEQT04
Model Name	TM
Tag Comment	T7A
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT05 T7B)

Basic

Tag Name	BLPHSEQT05
Model Name	TM
Tag Comment	T7B
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT06 T7C)

Basic

Tag Name	BLPHSEQT06
Model Name	TM
Tag Comment	T7C
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT07 T7D)

Basic

Tag Name	BLPHSEQT07
Model Name	TM
Tag Comment	T7D
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT08 T7E)

Basic

Tag Name	BLPHSEQT08
Model Name	TM
Tag Comment	T7E
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT09 T7F)

Basic

Tag Name	BLPHSEQT09
Model Name	TM
Tag Comment	T7F
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT10 T1A)

Basic

Tag Name	BLPHSEQT10
Model Name	TM
Tag Comment	T1A

Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT11 T2A)

Basic

Tag Name	BLPHSEQT11
Model Name	TM
Tag Comment	T2A
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT12 T1B)

Basic

Tag Name	BLPHSEQT12
Model Name	TM
Tag Comment	T1B
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT13 T2B)

Basic

Tag Name	BLPHSEQT13
Model Name	TM
Tag Comment	T2B
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT14 T1C)

Basic

Tag Name	BLPHSEQT14
Model Name	TM
Tag Comment	T1C
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT15 T2C)

Basic

Tag Name	BLPHSEQT15
Model Name	TM
Tag Comment	T2C
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT16 T1D)

Basic

Tag Name	BLPHSEQT16
Model Name	TM
Tag Comment	T1D
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT17 T2D)

Basic

Tag Name	BLPHSEQT17
Model Name	TM
Tag Comment	T2D
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT18 T1E)

Basic

Tag Name	BLPHSEQT18
Model Name	TM
Tag Comment	T1E
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT19 T2E)

Basic

Tag Name	BLPHSEQT19
Model Name	TM
Tag Comment	T2E
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT20 T1F)

Basic

Tag Name	BLPHSEQT20
Model Name	TM
Tag Comment	T1F
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT21 T2F)

Basic

Tag Name	BLPHSEQT21
Model Name	TM
Tag Comment	T2F
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT22 T3A)

Basic

Tag Name	BLPHSEQT22
Model Name	TM
Tag Comment	T3A
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT23 T4A)

Basic

Tag Name	BLPHSEQT23
Model Name	TM
Tag Comment	T4A
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT24 T3B)

Basic

Tag Name	BLPHSEQT24
Model Name	TM
Tag Comment	T3B
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT25 T4B)

Basic

Tag Name	BLPHSEQT25
Model Name	TM
Tag Comment	T4B

Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT26 T3C)

Basic

Tag Name	BLPHSEQT26
Model Name	TM
Tag Comment	T3C
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT27 T4C)

Basic

Tag Name	BLPHSEQT27
Model Name	TM
Tag Comment	T4C
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT28 T3D)

Basic

Tag Name	BLPHSEQT28
Model Name	TM
Tag Comment	T3D
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT29 T4D)

Basic

Tag Name	BLPHSEQT29
Model Name	TM
Tag Comment	T4D
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT30 T3E)

Basic

Tag Name	BLPHSEQT30
Model Name	TM
Tag Comment	T3E
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT31 T4E)

Basic

Tag Name	BLPHSEQT31
Model Name	TM
Tag Comment	T4E
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT32 T3F)

Basic

Tag Name	BLPHSEQT32
Model Name	TM
Tag Comment	T3F
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT33 T4F)

Basic

Tag Name	BLPHSEQT33
Model Name	TM
Tag Comment	T4F
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (SEQPERM02 IMPORT MONITORING SEQ)

Basic

Tag Name	SEQPERM02
Model Name	_SFCSW
Tag Comment	IMPORT MONITORING SEQ
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	IMPRTMON
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM02 IMPORT MONITORING SEQ)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (SEQPERM06 CONCRRENCYMONITORING SEQ)

Basic

Tag Name	SEQPERM06
Model Name	_SFCSW
Tag Comment	CONCRRENCYMONITORING SEQ
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	SEQCN
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM06 CONCRRENCYMONITORING SEQ)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
002	H2ILK	I16	0	0		(None)	4	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (SEQPERM07 MONITORING SEQ)

Basic

Tag Name	SEQPERM07
Model Name	_SFCSW
Tag Comment	MONITORING SEQ
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	NONEMON
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM07 MONITORING SEQ)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
002	H2ILK	I16	0	0		(None)	4	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (SEQPERM08 HOT STDBY MONITORING SEQ)

Basic

Tag Name	SEQPERM08
Model Name	_SFCSW
Tag Comment	HOT STDBY MONITORING SEQ
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	HOTSBMON
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM08 HOT STDBY MONITORING SEQ)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (SEQPERM09 EMERGENCY MONITORING)

Basic

Tag Name	SEQPERM09
Model Name	_SFCSW
Tag Comment	EMERGENCY MONITORING
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	EMERGMON
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM09 EMERGENCY MONITORING)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (SEQPERM10 POWERCUT MONITORING SEQ)

Basic

Tag Name	SEQPERM10
Model Name	_SFCSW
Tag Comment	POWERCUT MONITORING SEQ
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	PWROTMON
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM10 POWERCUT MONITORING SEQ)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (SEQPERM11 MAINTENANCMONITORING SEQ)

Basic

Tag Name	SEQPERM11
Model Name	_SFCSW
Tag Comment	MAINTENANCMONITORING SEQ
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	MNTNCMON
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM11 MAINTENANCMONITORING SEQ)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (BLPHSEQTM02 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQTM02
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	4
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT34 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT34
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT35 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT35
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT36 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT36
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT37 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT37
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT38 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT38
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT39 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT39
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT40 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT40
Model Name	TM
Tag Comment	SEQUENCE TIMER

Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT41 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT41
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT42 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT42
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT43 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT43
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT44 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT44
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT45 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT45
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHEMGTM01 SEQUENCE TIMER)

Basic

Tag Name	BLPHEMGTM01
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	4
Scan Period	Basic Scan
Timer Property	Second Timer

Tag Detail (FCS01080RL01)

Basic

Tag Name	FCS01080RL01
Model Name	RL
Tag Comment	
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001	87MODE-001.PV	Relational Operation	1	IDLE
002	87MODE-001.PV	Relational Operation	2	IMPORT
003	87MODE-001.PV	Relational Operation	3	IMPORT
004	87MODE-001.PV	Relational Operation	4	
005	87MODE-001.PV	Relational Operation	5	
006	87MODE-001.PV	Relational Operation	6	
007	87MODE-001.PV	Relational Operation	7	
008	87MODE-001.PV	Relational Operation	8	
009	87MODE-001.PV	Relational Operation	9	
010	87MODE-001.PV	Relational Operation	10	
011	87MODE-001.PV	Relational Operation	11	
012	87MODE-001.PV	Relational Operation	12	
013	87MODE-001.PV	Relational Operation	13	

Tag Detail (FCS01080LC01)

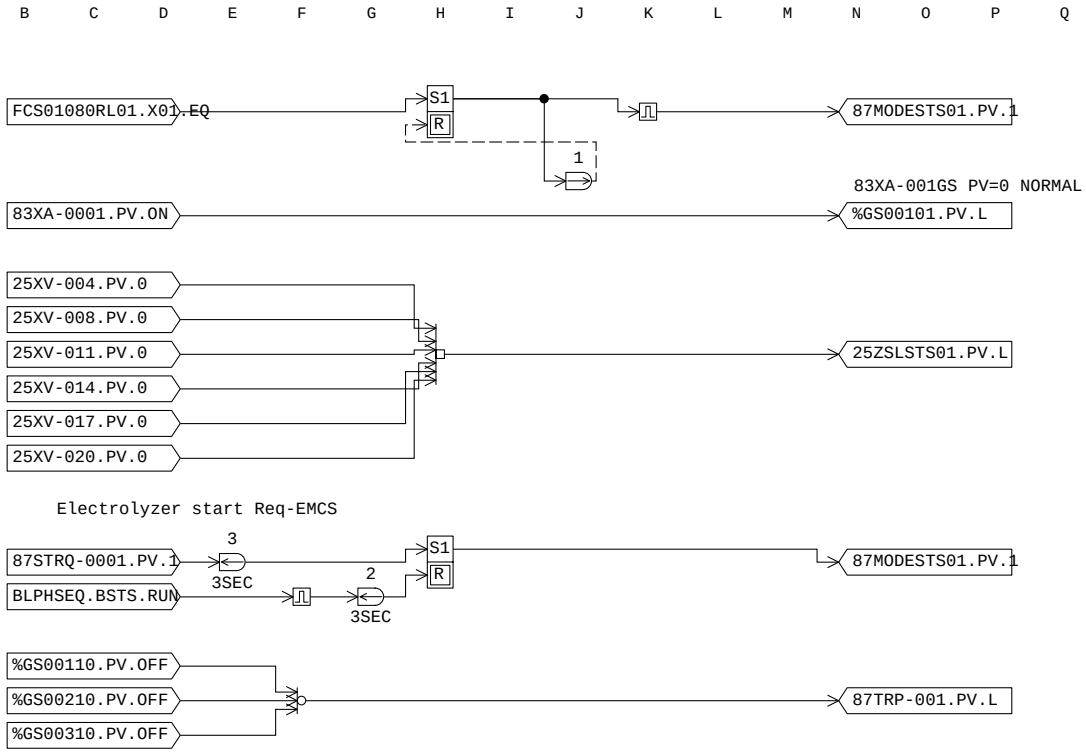
Basic

Tag Name	FCS01080LC01
Model Name	LC64
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	FCS01080LC01.edf	SHEET:		YOKOGAWA	PAGE:3-25-24-37
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:12 AM	COMMENT:			
SECTION:	DR0080	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (FCS01080LC01)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (SEQPERM12 MONITORING CONCURENCY)

Basic

Tag Name	SEQPERM12
Model Name	_SFCSW
Tag Comment	MONITORING CONCURENCY
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	CONCMNTR
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM12 MONITORING CONCURENCY)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	STATUS	I16	50	0	STATUS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
002	H2ILK	I16	0	0		(None)	4	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

Tag Detail (BLPHSEQTM03 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQTM03
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	4
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT46 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT46
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT47 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT47
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

Tag Detail (BLPHSEQT48 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT48
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

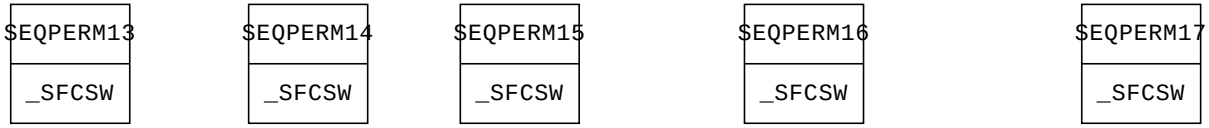
Tag Detail (BLPHSEQT49 SEQUENCE TIMER)

Basic

Tag Name	BLPHSEQT49
Model Name	TM
Tag Comment	SEQUENCE TIMER
Lvl	3
Scan Period	Basic Scan
Timer Property	Minute Timer

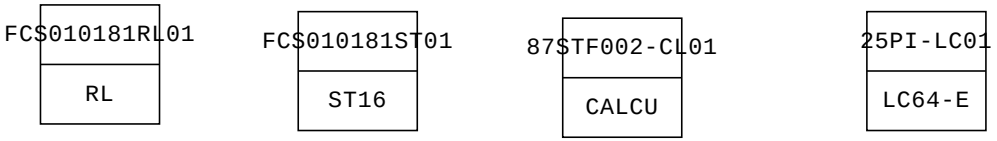
PROJECT:	BLPH-CW1	FILE NAME:	DR0081.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-1
STATION:	FCS0101	SAVED DATE:	7/12/2025 8:31:47 AM	COMMENT:	SEQUENCE LOGIC		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

TIMER SEC TO HR_MIN CONV ALARM SEQ ALARM SUP LOGIC BLPHSEQ RESEARCH MODE BLPHSEQ EMERGENCY MODE



ESD-1D,ESD,ASD Trip

FUEL CELL RN STS 25 PI ALRM SUPPRESS



PROJECT:	BLPH-CW1	FILE NAME:	DR0081.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-2
STATION:	FCS0101	SAVED DATE:	7/12/2025 8:31:47 AM	COMMENT:	SEQUENCE LOGIC		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:SEQUENCE LOGIC

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	SEQPERM13	_SFCSW	TIMER SEC TO HR_MIN CONV	0	0	4			
002	SEQPERM14	_SFCSW	ALARM SEQ	0	0	4			
003	SEQPERM15	_SFCSW	ALARM SUP LOGIC	0	0	4			
004	SEQPERM16	_SFCSW	BLPHSEQ RESEARCH MODE	0	0	4			
005	FCS010181RL01	RL	TIMER CTUP ALARMS	0	0	4			
006	FCS010181ST01	ST16		0	0	4			
007	87STF002-CL01	CALCU	FUEL CELL RN STS	0.0	100.0	% 4	No	No	
008	SEQPERM17	_SFCSW	BLPHSEQ EMERGENCY MODE	0	0	4			
009	25PI-LC01	LC64-E	25 PI ALRM SUPPRESS	0	0	4			

Tag Detail (SEQPERM13 TIMER SEC TO HR_MIN CONV)

Basic

Tag Name	SEQPERM13
Model Name	_SFCSW
Tag Comment	TIMER SEC TO HR_MIN CONV
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM13 TIMER SEC TO HR_MIN CONV)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	HR	I16	53	0	HOURS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
002	MIN	I16	53	0	MINS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

PROJECT:	BLPH-CW1	FILE NAME:	SEQPERM13.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-5
STATION:	FCS0101	SAVED DATE:	7/11/2025 11:15:46 AM	COMMENT:	TIMER SEC TO HR_MIN CONV		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List (SEQPERM13 TIMER SEC TO HR_MIN CONV)

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail (SEQPERM13 TIMER SEC TO HR_MIN CONV)

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Process Name	Description Method	Generic Name / Tag Name Variable Name	Execution Step	Step Name
1	4	4	TIMER LOGIC				SEBOL			

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

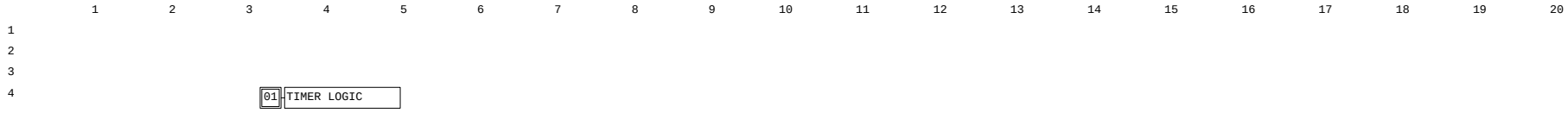
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition

PROJECT:	BLPH-CW1	FILE NAME:	SEQPERM13.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-7
STATION:	FCS0101	SAVED DATE:	7/11/2025 11:15:46 AM	COMMENT:	TIMER SEC TO HR_MIN CONV		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

SFC (SEQPERM13 TIMER SEC TO HR_MIN CONV)

Plane Number: 0 Comment:



SEBOL Statement (SEQPERM13 TIMER SEC TO HR_MIN CONV)
Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:TIMER LOGIC X: 4 Y: 4

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :   1724000594
   004        * Original Author   : Yokogawa
   005        * Original Date     : 19 August 2024
   006        * State No             : 1
   007        * State Name           : TIMER LOGIC
   008        * Description      : This phase is for calculating time in HRS and ESD-1D,ESD/ASD Trip
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                    Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024
   025        global             genname     TM               TMR[53]
   026        global             genname     _SFCSW             BLPH
   027        global             genname     %SW              ESDTRP
   028
   029        global integer i,j                   !HR[53],MIN[53]
   030        ********************************************************************************
   031        *   ASSIGNING VARIABLES
   032        ********************************************************************************
   033        assign           "BLPHSEQTM01"       to       TMR[1]
   034        assign           "BLPHSEQTM02"       to       TMR[2]
   035        assign           "BLPHSEQTM03"       to       TMR[3]
   036        assign           "BLPHEMGTM01"       to       TMR[4]
   037        assign           "BLPHSEQT01"        to       TMR[5]
   038        assign           "BLPHSEQT02"        to       TMR[6]
   039        assign           "BLPHSEQT03"        to       TMR[7]
   040        assign           "BLPHSEQT04"        to       TMR[8]
   041        assign           "BLPHSEQT05"        to       TMR[9]
   042        assign           "BLPHSEQT06"        to       TMR[10]
   043        assign           "BLPHSEQT07"        to       TMR[11]
   044        assign           "BLPHSEQT08"        to       TMR[12]
   045        assign           "BLPHSEQT09"        to       TMR[13]
   046        assign           "BLPHSEQT10"        to       TMR[14]
   047        assign           "BLPHSEQT11"        to       TMR[15]
   048        assign           "BLPHSEQT12"        to       TMR[16]
   049        assign           "BLPHSEQT13"        to       TMR[17]
   050        assign           "BLPHSEQT14"        to       TMR[18]
   051        assign           "BLPHSEQT15"        to       TMR[19]
   052        assign           "BLPHSEQT16"        to       TMR[20]
   053        assign           "BLPHSEQT17"        to       TMR[21]
   054        assign           "BLPHSEQT18"        to       TMR[22]
   055        assign           "BLPHSEQT19"        to       TMR[23]
   056        assign           "BLPHSEQT20"        to       TMR[24]
   057        assign           "BLPHSEQT21"        to       TMR[25]
   058        assign           "BLPHSEQT22"        to       TMR[26]
   059        assign           "BLPHSEQT23"        to       TMR[27]
   060        assign           "BLPHSEQT24"        to       TMR[28]
   061        assign           "BLPHSEQT25"        to       TMR[29]
   062        assign           "BLPHSEQT26"        to       TMR[30]
   063        assign           "BLPHSEQT27"        to       TMR[31]
   064        assign           "BLPHSEQT28"        to       TMR[32]
   065        assign           "BLPHSEQT29"        to       TMR[33]
   066        assign           "BLPHSEQT30"        to       TMR[34]
   067        assign           "BLPHSEQT31"        to       TMR[35]
   068        assign           "BLPHSEQT32"        to       TMR[36]
   069        assign           "BLPHSEQT33"        to       TMR[37]
   070        assign           "BLPHSEQT34"        to       TMR[38]
   071        assign           "BLPHSEQT35"        to       TMR[39]
   072        assign           "BLPHSEQT36"        to       TMR[40]
   073        assign           "BLPHSEQT37"        to       TMR[41]
   074        assign           "BLPHSEQT38"        to       TMR[42]
   075        assign           "BLPHSEQT39"        to       TMR[43]
   076        assign           "BLPHSEQT40"        to       TMR[44]
   077        assign           "BLPHSEQT41"        to       TMR[45]
   078        assign           "BLPHSEQT42"        to       TMR[46]
   079        assign           "BLPHSEQT43"        to       TMR[47]
   080        assign           "BLPHSEQT44"        to       TMR[48]
   081        assign           "BLPHSEQT45"        to       TMR[49]
   082        assign           "BLPHSEQT46"        to       TMR[50]
   083        assign           "BLPHSEQT47"        to       TMR[51]
```

```
084       assign          "BLPHSEQT48"       to       TMR[52]
085       assign          "BLPHSEQT49"       to       TMR[53]
086
087       assign          "87TRP-001"        to       ESDTRP
088       assign          "BLPHSEQ"       to       BLPH
089
090       while(1)
091
092       for i=1 to 53
093
094       %.HR[i]= TMR[i].DV/60                                  ! Finding remaining HRS,  actual timer in sec
095       if (%.HR[i]>=1)  then
096        %.MIN[i]= (TMR[i].DV - (%.HR[i]*60))                 ! Finding remaining MINS, actual timer in sec
097       else
098         %.MIN[i]= (TMR[i].DV)
099       end if
100
101       next@
102
103       if(ESDTRP.PV==1 and j==0)then
104       BLPH.BSTS="PAUS"
105       DELAY 3000
106       BLPH.STEPNO=26
107       BLPH.BSTS="RUN"
108       j=1
109       else if(ESDTRP.PV==0 and j==1)then
110       j=0
111       end if
112       wend
113
114
115       !_____________________________________________________________________________
116       !%.HR[i]= TMR[i].DV/3600                                ! Finding remaining HRS,  actual timer in sec
117       !if (%.HR[i]>1)  then
118       ! %.MIN[i]= (TMR[i].DV - (%.HR[i]*3600))/60             ! Finding remaining MINS, actual timer in sec
119       !else
120       !  %.MIN[i]= (TMR[i].DV)/60
121       !end if
122       !_____________________________________________________________________________
```

Tag Detail (SEQPERM14 ALARM SEQ)

Basic

Tag Name	SEQPERM14
Model Name	_SFCSW
Tag Comment	ALARM SEQ
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM14 ALARM SEQ)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	HR	I16	50	0	HOURS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
002	MIN	I16	50	0	MINS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

PROJECT:	BLPH-CW1	FILE NAME:	SEQPERM14.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-11
STATION:	FCS0101	SAVED DATE:	7/11/2025 11:15:46 AM	COMMENT:	ALARM SEQ		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List (SEQPERM14 ALARM SEQ)

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail (SEQPERM14 ALARM SEQ)

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Process Name	Description Method	Generic Name / Tag Name Variable Name	Execution Step	Step Name
1	4	4	ALARM LOGIC				SEBOL			

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

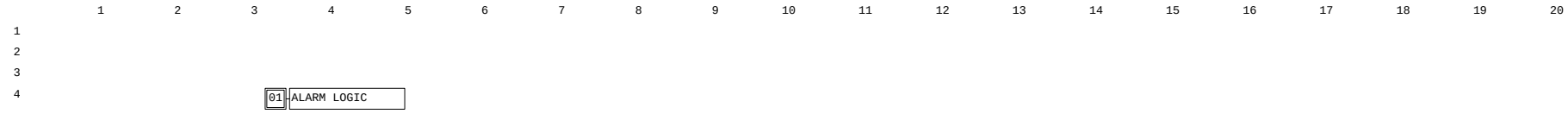
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition

PROJECT:	BLPH-CW1	FILE NAME:	SEQPERM14.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-13
STATION:	FCS0101	SAVED DATE:	7/11/2025 11:15:46 AM	COMMENT:	ALARM SEQ		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

SFC (SEQPERM14 ALARM SEQ)

Plane Number: 0 Comment:



SEBOL Statement (SEQPERM14 ALARM SEQ)
Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:ALARM LOGIC X: 4 Y: 4

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        : 1724000594
   004        * Original Author   : Yokogawa
   005        * Original Date     : 19 August 2024
   006        * State No          : 1
   007        * State Name           : ANNUNCIATOR LOGIC
   008        * Description      : This phase is for triggering annunciator alarm
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                  Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024
   025
   026        global             genname    _SFCSW        BLPH                              ! SEQUENCE
   027        global             genname    AN            SVSLA,SVSLB,SVSLC,SVSLD,SVSLE,SVSLF,CVSLA,CVSLB,CVSLC,CVSLD,CVSLE,CVSLF,PI35LO,PI37LO,
              PI40LO, PI43LO,PI46LO, PI49LO       ! ANNUNCIATOR
   028
   029
   030        !global integer i                   !HR[50],MIN[50]
   031        ********************************************************************************
   032        *   ASSIGNING VARIABLES
   033        ********************************************************************************
   034        assign           "BLPHSEQ"        to       BLPH
   035
   036        assign           "25STVSLAAN"       to       SVSLA
   037        assign           "25STVSLBAN"       to       SVSLB
   038        assign           "25STVSLCAN"       to       SVSLC
   039        assign           "25STVSLDAN"       to       SVSLD
   040        assign           "25STVSLEAN"       to       SVSLE
   041        assign           "25STVSLFAN"       to       SVSLF
   042        assign              "25PI-035LOAN"      to          PI35LO
   043        assign              "25PI-037LOAN"      to          PI37LO
   044        assign              "25PI-040LOAN"      to          PI40LO
   045        assign              "25PI-043LOAN"      to          PI43LO
   046        assign              "25PI-046LOAN"      to          PI46LO
   047        assign              "25PI-049LOAN"      to          PI49LO
   048
   049        assign           "25CHRVSLAAN"       to      CVSLA
   050        assign           "25CHRVSLBAN"       to      CVSLB
   051        assign           "25CHRVSLCAN"       to      CVSLC
   052        assign           "25CHRVSLDAN"       to      CVSLD
   053        assign           "25CHRVSLEAN"       to      CVSLE
   054        assign           "25CHRVSLFAN"       to      CVSLF
   055
   056
   057        while(1)
   058
   059        !CHARGING
   060
   061        if (BLPH.STATUS[147]==1 ) then
   062         CVSLA.PV=1
   063        else
   064         CVSLA.PV=0
   065        end if
   066
   067        if (BLPH.STATUS[153]==1 ) then
   068         CVSLB.PV=1
   069        else
   070         CVSLB.PV=0
   071        end if
   072
   073        if (BLPH.STATUS[159]==1 ) then
   074         CVSLC.PV=1
   075        else
   076         CVSLC.PV=0
   077        end if
   078
   079        if (BLPH.STATUS[165]==1 ) then
   080         CVSLD.PV=1
   081        else
   082         CVSLD.PV=0
```

```
083        end if
084
085        if (BLPH.STATUS[171]==1 ) then
086         CVSLE.PV=1
087        else
088         CVSLE.PV=0
089        end if
090
091        if (BLPH.STATUS[177]==1 ) then
092         CVSLF.PV=1
093        else
094         CVSLF.PV=0
095        end if
096
097        !START UP CHARGING
098
099        if ( BLPH.STATUS[220]==1) then
100         SVSLA.PV=1
101        else
102         SVSLA.PV=0
103        end if
104
105        if ( BLPH.STATUS[227]==1) then
106         SVSLB.PV=1
107        else
108         SVSLB.PV=0
109        end if
110
111        if ( BLPH.STATUS[234]==1) then
112         SVSLC.PV=1
113        else
114         SVSLC.PV=0
115        end if
116
117        if ( BLPH.STATUS[241]==1) then
118         SVSLD.PV=1
119        else
120         SVSLD.PV=0
121        end if
122
123        if ( BLPH.STATUS[248]==1) then
124         SVSLE.PV=1
125        else
126         SVSLE.PV=0
127        end if
128
129        if ( BLPH.STATUS[365]==1) then
130         SVSLF.PV=1
131        else
132         SVSLF.PV=0
133        end if
134
135        if (BLPH.STATUS[403]==1 ) then
136         PI35LO.PV=1
137        else
138         PI35LO.PV=0
139        end if
140
141        if (BLPH.STATUS[404]==1 ) then
142         PI37LO.PV=1
143        else
144         PI37LO.PV=0
145        end if
146        if (BLPH.STATUS[405]==1 ) then
147         PI40LO.PV=1
148        else
149         PI40LO.PV=0
150        end if
151        if (BLPH.STATUS[406]==1 ) then
152         PI43LO.PV=1
153        else
154         PI43LO.PV=0
155        end if
156        if (BLPH.STATUS[407]==1 ) then
157         PI46LO.PV=1
158        else
159         PI46LO.PV=0
160        end if
161        if (BLPH.STATUS[408]==1 ) then
162         PI49LO.PV=1
163        else
164         PI49LO.PV=0
165        end if
166        wend
```

Tag Detail (SEQPERM15 ALARM SUP LOGIC)

Basic

Tag Name	SEQPERM15
Model Name	_SFCSW
Tag Comment	ALARM SUP LOGIC
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM15 ALARM SUP LOGIC)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	HR	I16	50	0	HOURS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
002	MIN	I16	50	0	MINS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

PROJECT:	BLPH-CW1	FILE NAME:	SEQPERM15.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-18
STATION:	FCS0101	SAVED DATE:	7/11/2025 11:15:46 AM	COMMENT:	ALARM SUP LOGIC		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List (SEQPERM15 ALARM SUP LOGIC)

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail (SEQPERM15 ALARM SUP LOGIC)

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Process Name	Description Method	Generic Name / Tag Name Variable Name	Execution Step	Step Name
1	4	4	ALARM SUPRESSION				SEBOL			

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

Plane Number: 0 Comment:

X	Y	Comment	Transition Condition

PROJECT:	BLPH-CW1	FILE NAME:	SEQPERM15.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-20
STATION:	FCS0101	SAVED DATE:	7/11/2025 11:15:46 AM	COMMENT:	ALARM SUP LOGIC		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

SFC (SEQPERM15 ALARM SUP LOGIC)

Plane Number: 0 Comment:



SEBOL Statement (SEQPERM15 ALARM SUP LOGIC)
Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:ALARM SUPRESSION X: 4 Y: 4

Line Number SEBOL Program

```
001  ********************************************************************************
002  * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
003  * Project Number        :1724000594
004  * Original Author   : Yokogawa
005  * Original Date     : 19 August 2024
006  * State No          : 1
007  * State Name           : ALARM SUPRESSION LOGIC
008  * Description      : This phase is for alarm supression logic
009  *
010  ********************************************************************************
011  * Revision History:
012  *
013  * Rev#      Date              Author                          Description
014  * ----     -----           -------               --------------------------
015  * 0.0                                                    Initial Release
016  *
017
018  ********************************************************************************
019  *   Global Declarations
020  ********************************************************************************
021  #include <std.h>
022  *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
023
024
025
026  global             genname    _SFCSW        BLPH                              ! SEQUENCE
027  global             genname    PVI           PI35,PI37,PI40,PI43,PI46,PI49     ! ANNUNCIATOR
028  global             genname    %SW               PIRST, PI35SW,PI37SW,PI40SW,PI43SW,PI46SW,PI49SW
029
030
031  !global integer i                   !HR[50],MIN[50]
032  ********************************************************************************
033  *   ASSIGNING VARIABLES
034  ********************************************************************************
035
036  #include "salarm.h"
037
038  assign           "BLPHSEQ"        to       BLPH
039
040  assign           "25PI-035"       to       PI35
041  assign           "25PI-037"       to       PI37
042  assign           "25PI-040"       to       PI40
043  assign           "25PI-043"       to       PI43
044  assign           "25PI-046"       to       PI46
045  assign           "25PI-049"       to       PI49
046
047  assign           "25PI049-SW01"       to       PI49SW
048  assign           "25PI046-SW01"       to       PI46SW
049  assign           "25PI043-SW01"       to       PI43SW
050  assign           "25PI040-SW01"       to       PI40SW
051  assign           "25PI037-SW01"       to       PI37SW
052  assign           "25PI035-SW01"       to       PI35SW
053  assign           "25PIALM-RST01"       to       PIRST
054
055
056  TOP:
057
058
059
060  wait until (BLPH.TRANSIT==18 OR BLPH.TRANSIT==14)
061
062  ! if (PI35.PV < 2 & BLPH.STATUS[259]==0 & BLPH.STATUS[309]==0) PI35SW.PV = 1
063  ! if (PI37.PV < 2 & BLPH.STATUS[268]==0 & BLPH.STATUS[318]==0) PI37SW.PV = 1
064  ! if (PI40.PV < 2 & BLPH.STATUS[277]==0 & BLPH.STATUS[327]==0) PI40SW.PV = 1
065  ! if (PI43.PV < 2 & BLPH.STATUS[286]==0 & BLPH.STATUS[336]==0) PI43SW.PV = 1
066  ! if (PI46.PV < 2 & BLPH.STATUS[295]==0 & BLPH.STATUS[345]==0) PI46SW.PV = 1
067  ! if (PI49.PV < 2 & BLPH.STATUS[374]==0 & BLPH.STATUS[384]==0) PI49SW.PV = 1
068
069  if (PI35.PV < 2 & BLPH.STATUS[259]==0 & BLPH.STATUS[309]==0) PI35SW.PV = 1
070  if (PI37.PV < 2 & BLPH.STATUS[268]==0 & BLPH.STATUS[318]==0) PI37SW.PV = 1
071  if (PI40.PV < 2 & BLPH.STATUS[277]==0 & BLPH.STATUS[327]==0) PI40SW.PV = 1
072  if (PI43.PV < 2 & BLPH.STATUS[286]==0 & BLPH.STATUS[336]==0) PI43SW.PV = 1
073  if (PI46.PV < 2 & BLPH.STATUS[295]==0 & BLPH.STATUS[345]==0) PI46SW.PV = 1
074  if (PI49.PV < 2 & BLPH.STATUS[374]==0 & BLPH.STATUS[384]==0) PI49SW.PV = 1
075
076
077
078
079  !ALARM SUPRESSION
080
081
082  while(BLPH.SHTPUR==1)
083
```

```
084        if ((PI35SW.PV <> 0) and BLPH.STATUS[259]==1)  PI35SW.PV = 0
085        if ((PI37SW.PV <> 0) and BLPH.STATUS[268]==1)  PI37SW.PV = 0
086        if ((PI40SW.PV <> 0) and BLPH.STATUS[277]==1)  PI40SW.PV = 0
087        if ((PI43SW.PV <> 0) and BLPH.STATUS[286]==1)  PI43SW.PV = 0
088        if ((PI46SW.PV <> 0) and BLPH.STATUS[295]==1)  PI46SW.PV = 0
089        if ((PI49SW.PV <> 0) and BLPH.STATUS[374]==1)  PI49SW.PV = 0
090
091        wend
092
093        while(BLPH.MNTPUR==1)
094
095        if ((PI35SW.PV <> 0) and BLPH.STATUS[309]==1)  PI35SW.PV = 0
096        if ((PI37SW.PV <> 0) and BLPH.STATUS[318]==1)  PI37SW.PV = 0
097        if ((PI40SW.PV <> 0) and BLPH.STATUS[327]==1)  PI40SW.PV = 0
098        if ((PI43SW.PV <> 0) and BLPH.STATUS[336]==1)  PI43SW.PV = 0
099        if ((PI46SW.PV <> 0) and BLPH.STATUS[345]==1)  PI46SW.PV = 0
100        if ((PI49SW.PV <> 0) and BLPH.STATUS[384]==1)  PI49SW.PV = 0
101
102        wend
103
104
105
106
107        if (BLPH.SHTPUR==0 or BLPH.MNTPUR==0) then
108
109        PIRST.PV=1
110        PI35SW.PV = 0
111        PI37SW.PV = 0
112        PI40SW.PV = 0
113        PI43SW.PV = 0
114        PI46SW.PV = 0
115        PI49SW.PV = 0
116        ELSE
117        PIRST.PV=0
118        end if
119
120        goto TOP
```

Tag Detail (SEQPERM16 BLPHSEQ RESEARCH MODE)

Basic

Tag Name	SEQPERM16
Model Name	_SFCSW
Tag Comment	BLPHSEQ RESEARCH MODE
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM16 BLPHSEQ RESEARCH MODE)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	HR	I16	50	0	HOURS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
002	MIN	I16	50	0	MINS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
003	TEST	I16	50	0		(None)	4	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

PROJECT:	BLPH-CW1	FILE NAME:	SEQPERM16.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-24
STATION:	FCS0101	SAVED DATE:	7/11/2025 11:15:46 AM	COMMENT:	BLPHSEQ RESEARCH MODE		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List (SEQPERM16 BLPHSEQ RESEARCH MODE)

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

PROJECT:	BLPH-CW1	FILE NAME:	SEQPERM16.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-25
STATION:	FCS0101	SAVED DATE:	7/11/2025 11:15:46 AM	COMMENT:	BLPHSEQ RESEARCH MODE		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

Plane Detail (SEQPERM16 BLPHSEQ RESEARCH MODE)

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Process Name	Description Method	Generic Name / Tag Name Variable Name	Execution Step	Step Name
1	4	9	Initialization				SEBOL			
2	4	12	RESEARCH				SEBOL			
3	4	17	PURGING-SHUTDOWN				SEBOL			
4	6	17	PURGING-MNTNCE				SEBOL			
5	8	17	PROCESS START UP				SEBOL			

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

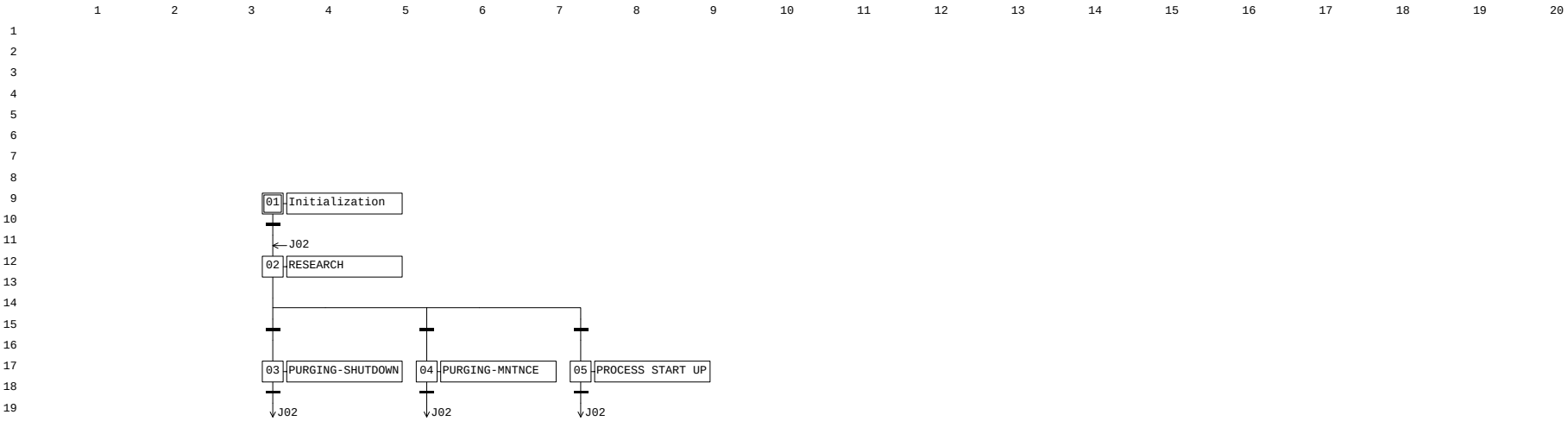
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
4	10		
4	15		BLPH.TRANSIT==18
6	15		BLPH.TRANSIT==14
8	15		BLPH.TRANSIT==16
4	18		
6	18		
8	18		

PROJECT:	BLPH-CW1	FILE NAME:	SEQPERM16.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-26
STATION:	FCS0101	SAVED DATE:	7/11/2025 11:15:46 AM	COMMENT:	BLPHSEQ RESEARCH MODE		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

SFC (SEQPERM16 BLPHSEQ RESEARCH MODE)

Plane Number: 0 Comment:



SEBOL Statement (SEQPERM16 BLPHSEQ RESEARCH MODE)
Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:Initialization X: 4 Y: 9

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :1724000594
   004        * Original Author   :Yokogawa
   005        * Original Date     : 20 August 2024
   006        * State No          : 1
   007        * State Name           : INITIALIZATION
   008        * Description       : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               -------------------------
   015        * 0.0                                                  Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   023
   024        global             genname        PVI             MODE,ENMODE                ! ELECTROLISER MODE
   025        global             genname        MLD             PMMODE
   026        global             genname        _SFCSW          SEQPM,EXPRTPM,RCRGPM,BLPH       ! SEQUENCE PERMISSIVE
   027        global             genname        %SW             INTSW[21],HOLD             ! INTERNAL BIT
   028        global             genname        %SW             OPRMSG[4]                 ! OPERATOR MESSAGE BIT
   029        global             genname        MC-2E           SWP[2],AUXFC               ! SEA WATER INTAKE PUMP
   030        global             genname        SIO-21E         XV[23]                     ! ON/OFF VALVES
   031        global             genname        SIO-21E         O64SDV,BDV[7],SDV[2]       ! ON/OFF VALVES
   032        global             genname        PVI             SS[4],PT003,PT031A,PT031B  ! SUBSYSTEM SIGNALS
   033        global             genname        TM              TM01                       ! TIMER
   034        global             genname        PVI             PT[8]                      ! PRESSURE TRANSMITTER
   035        global             genname        PID             PIC[8]                     ! PRESSURE CONTROLLER
   036        global             genname        PID             FIC[6]                     ! FLOW CONTROLLER
   037        global             genname        AS-M            PICT[8]                    ! PRESSURE CONTROLLER FORCE CLOSE TRANSFER SWITCH
   038        global             genname        AS-M            FICT[8]                    ! FLOW CONTROLLER FORCE CLOSE TRANSFER SWITCH
   039        global             genname        %SW             PVZSL[8]                   !CLOSED LIMIT SWITCHES
   040        global             genname        %SW             FVZSL[6]                   !CLOSED LIMIT SWITCHES
   041        global             genname        %SW             FLT[3],O70XA,O80XA         !ALARMS
   042        global             genname        TM              t[49],EMGTM01              !TIMERS
   043        global            genname        %AN            TXAAH[6],T1XAAH[6],BSSFLT,GRAD[6] !ALARM
   044        global            genname        DSET           PRSP[2]                    !ALARM
   045        global            genname        PBS5C          STCGHS,CGHS,PSDHS,PMTHS,DCHS,NPHS   !STOP
   046        global             block          %SW             MTCFQISW,SDNFQISW
   047        !global            block          DSET            25PIC035-DS2,25PIC037-DS2,25PIC040-DS2,25PIC043-DS2,25PIC046-DS2,25PIC049-DS2
              ! 25PIC-035/037/040/043/046/049
   048        global             genname         DSET            PICSP[6]
   049        global integer i,k,SEQFL
   050
   051        ********************************************************************************
   052        *   Assign Variables
   053        ********************************************************************************
   054        assign           "MODE"              to              MODE
   055        assign           "87MODE-003"        to              PMMODE
   056        assign           "87MODE-001"        to              ENMODE
   057
   058        assign           "87STCGHS-001"      to              STCGHS
   059        assign           "87CGHS-001"        to              CGHS
   060        assign           "87PSDHS-001"       to              PSDHS
   061        assign           "87PMTHS-001"       to              PMTHS
   062        assign           "87DCHS-001"        to              DCHS
   063        assign           "64-HS-031"            to              NPHS
   064
   065        assign           "SEQPERM01"         to              SEQPM
   066        assign           "SEQPERM02"         to              EXPRTPM
   067        assign           "SEQPERM05"         to              RCRGPM
   068        assign           "BLPHSEQ"          to              BLPH
   069
   070        assign           "P-50001ABGST"      to              INTSW[1]
   071        assign           "P-50001ABGSP"      to              INTSW[4]
   072        assign           "WTPAST"            to              INTSW[2]
   073        assign           "87PERMST-001"      to              INTSW[3]
   074
   075        assign           "P-50001A"          to              SWP[1]
   076        assign           "P-50001B"          to              SWP[2]
   077
   078        assign           "20XI-7113"         to              SS[1]
   079        assign           "80UI-0043"         to              SS[2]
   080        assign           "87LDSH-001"        to             INTSW[18]
   081        assign           "87LDSH-002"        to             INTSW[19]
   082        assign           "87STF-002"         to             INTSW[20]
```

```
083
084       assign          "BLPHSEQTM01"       to              TM01
085
086       assign          "50XV-031"          to              XV[3]
087       assign          "25XV-004"          to              XV[4]
088       assign          "25XV-008"          to              XV[8]
089       assign          "25XV-011"          to              XV[11]
090       assign          "25XV-014"          to              XV[14]
091       assign          "25XV-017"          to              XV[17]
092       assign          "25XV-020"          to              XV[20]
093
094       assign          "25XV-006"          to              XV[6]
095       assign          "25XV-009"          to              XV[9]
096       assign          "25XV-012"          to              XV[12]
097       assign          "25XV-015"          to              XV[15]
098       assign          "25XV-018"          to              XV[18]
099       assign          "25XV-021"          to              XV[21]
100       assign          "25XV-024"          to              XV[22]
101       assign          "80XV-001"          to              XV[23]
102
103       assign          "64SDV-001"         to              O64SDV
104
105       assign          "25PI-035"          to              PT[1]
106       assign          "25PI-037"          to              PT[2]
107       assign          "25PI-040"          to              PT[3]
108       assign          "25PI-043"          to              PT[4]
109       assign          "25PI-046"          to              PT[5]
110       assign          "25PI-049"          to              PT[6]
111       assign          "64PI-031A"         to              PT[7]
112       assign          "64PI-031B"         to              PT[8]
113
114       assign          "25PIC-035"         to              PIC[1]
115       assign          "25PIC-037"         to              PIC[2]
116       assign          "25PIC-040"         to              PIC[3]
117       assign          "25PIC-043"         to              PIC[4]
118       assign          "25PIC-046"         to              PIC[5]
119       assign          "25PIC-049"         to              PIC[6]
120       assign          "25PIC-055A"        to              PIC[7]
121       assign          "25PIC-055B"        to              PIC[8]
122
123       assign          "25FIC-031"         to              FIC[1]
124       assign          "25FIC-032"         to              FIC[2]
125       assign          "25FIC-033"         to              FIC[3]
126
127       assign          "HOLD"              to              HOLD     !DUMMY FOR TESTING
128       assign          "25FIC-034"         to              FIC[4]
129       assign          "25FIC-038"         to              FIC[5]
130       assign          "25FIC-036"         to              FIC[6]
131
132       assign          "25PIC-035ASM"      to              PICT[1]
133       assign          "25PIC-037ASM"      to              PICT[2]
134       assign          "25PIC-040ASM"      to              PICT[3]
135       assign          "25PIC-043ASM"      to              PICT[4]
136       assign          "25PIC-046ASM"      to              PICT[5]
137       assign          "25PIC-049ASM"      to              PICT[6]
138       assign          "25PIC-055AASM"     to              PICT[7]
139       assign          "25PIC-055BASM"     to              PICT[8]
140
141       assign          "25FIC-031ASM"      to              FICT[1]
142       assign          "25FIC-032ASM"      to              FICT[2]
143       assign          "25FIC-033ASM"      to              FICT[3]
144       assign          "25FIC-034ASM"      to              FICT[4]
145       assign          "25FIC-038ASM"      to              FICT[5]
146       assign          "25FIC-036ASM"      to              FICT[6]
147
148       assign          "25ZSL-035"         to              PVZSL[1]
149       assign          "25ZSL-037"         to              PVZSL[2]
150       assign          "25ZSL-040"         to              PVZSL[3]
151       assign          "25ZSL-043"         to              PVZSL[4]
152       assign          "25ZSL-046"         to              PVZSL[5]
153       assign          "25ZSL-049"         to              PVZSL[6]
154       assign          "25ZSL-055A"        to              PVZSL[7]
155       assign          "25ZSL-055B"        to              PVZSL[8]
156
157
158       assign          "25ZSL-031"         to              FVZSL[1]
159       assign          "25ZSL-032"         to              FVZSL[2]
160       assign          "25ZSL-033"         to              FVZSL[3]
161       assign          "25ZSL-034"         to              FVZSL[4]
162       assign          "25ZSL-038"         to              FVZSL[5]
163       assign          "25ZSL-036"         to              FVZSL[6]
164
165       assign          "25PIC55-DS1"       to              PRSP[1]
166       assign          "25PIC55-DS2"       to              PRSP[2]
167
168       assign          "85XA-003"          to              FLT[1]
169       assign          "70XA-003"          to              O70XA
170       assign          "80XA-003"          to              O80XA
171       assign          "63XA003TAN"        to              FLT[2]
172       assign          "64XA003TAN"        to              FLT[3]
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```
173     assign      "85XA003TAN"        to          BSSFLT
174     assign      "25PI-035GRADAN"    to          GRAD[1]
175     assign      "25PI-037GRADAN"    to          GRAD[2]
176     assign      "25PI-040GRADAN"    to          GRAD[3]
177     assign      "25PI-043GRADAN"    to          GRAD[4]
178     assign      "25PI-046GRADAN"    to          GRAD[5]
179     assign      "25PI-049GRADAN"    to          GRAD[6]
180
181
182     assign      "ELECSBPM"          to          INTSW[7]
183     assign      "ELECSBPM"          to          INTSW[8]
184     assign      "EXPRTSEQFL"        to          INTSW[9]
185     assign      "FUELCLSTP"         to          INTSW[10]
186     assign      "87EMG-001"         to          INTSW[11]
187     assign      "WTPASP"            to          INTSW[13]
188     assign      "AUXELASP"          to          INTSW[14]
189     assign      "87PERMST-001"        to        INTSW[16]
190     assign      "87EXP-001"         to          INTSW[17]
191     assign      "87PERMST-001"       to         INTSW[21]
192
193     assign      "BLPHSEQT01"        to          t[1]
194     assign      "BLPHSEQT02"        to          t[2]
195     assign      "BLPHSEQT03"        to          t[3]
196     assign      "BLPHSEQT04"        to          t[4]
197     assign      "BLPHSEQT05"        to          t[5]
198     assign      "BLPHSEQT06"        to          t[6]
199     assign      "BLPHSEQT07"        to          t[7]
200     assign      "BLPHSEQT08"        to          t[8]
201     assign      "BLPHSEQT09"        to          t[9]
202     assign      "BLPHSEQT10"        to          t[10]
203     assign      "BLPHSEQT11"        to          t[11]
204     assign      "BLPHSEQT12"        to          t[12]
205     assign      "BLPHSEQT13"        to          t[13]
206     assign      "BLPHSEQT14"        to          t[14]
207     assign      "BLPHSEQT15"        to          t[15]
208     assign      "BLPHSEQT16"        to          t[16]
209     assign      "BLPHSEQT17"        to          t[17]
210     assign      "BLPHSEQT18"        to          t[18]
211     assign      "BLPHSEQT19"        to          t[19]
212     assign      "BLPHSEQT20"        to          t[20]
213     assign      "BLPHSEQT21"        to          t[21]
214     assign      "BLPHSEQT22"        to          t[22]
215     assign      "BLPHSEQT23"        to          t[23]
216     assign      "BLPHSEQT24"        to          t[24]
217     assign      "BLPHSEQT25"        to          t[25]
218     assign      "BLPHSEQT26"        to          t[26]
219     assign      "BLPHSEQT27"        to          t[27]
220     assign      "BLPHSEQT28"        to          t[28]
221     assign      "BLPHSEQT29"        to          t[29]
222     assign      "BLPHSEQT30"        to          t[30]
223     assign      "BLPHSEQT31"        to          t[31]
224     assign      "BLPHSEQT32"        to          t[32]
225     assign      "BLPHSEQT33"        to          t[33]
226     assign      "BLPHSEQT34"        to          t[34]
227     assign      "BLPHSEQT35"        to          t[35]
228     assign      "BLPHSEQT36"        to          t[36]
229     assign      "BLPHSEQT37"        to          t[37]
230     assign      "BLPHSEQT38"        to          t[38]
231     assign      "BLPHSEQT39"        to          t[39]
232     assign      "BLPHSEQT40"        to          t[40]
233     assign      "BLPHSEQT41"        to          t[41]
234     assign      "BLPHSEQT42"        to          t[42]
235     assign      "BLPHSEQT43"        to          t[43]
236     assign      "BLPHSEQT44"        to          t[44]
237     assign      "BLPHSEQT45"        to          t[45]
238     assign      "BLPHSEQT46"        to          t[46]
239     assign      "BLPHSEQT47"        to          t[47]
240     assign      "BLPHSEQT48"        to          t[48]
241     assign      "BLPHSEQT49"        to          t[49]
242     assign      "BLPHEMGTM01"       to          EMGTM01
243
244
245     assign      "T3AAH"             to          TXAAH[1]
246     assign      "T3BAH"             to          TXAAH[2]
247     assign      "T3CAH"             to          TXAAH[3]
248     assign      "T3DAH"             to          TXAAH[4]
249     assign      "T3EAH"             to          TXAAH[5]
250     assign      "T3FAH"             to          TXAAH[6]
251
252     assign      "T5AAH"             to          T1XAAH[1]
253     assign      "T5BAH"             to          T1XAAH[2]
254     assign      "T5CAH"             to          T1XAAH[3]
255     assign      "T5DAH"             to          T1XAAH[4]
256     assign      "T5EAH"             to          T1XAAH[5]
257     assign      "T5FAH"             to          T1XAAH[6]
258
259     assign      "25BDV-005"         to          BDV[1]
260     assign      "25BDV-007"         to          BDV[2]
261     assign      "25BDV-010"         to          BDV[3]
262     assign      "25BDV-013"         to          BDV[4]
```

```
263       assign          "25BDV-016"         to              BDV[5]
264       assign          "25BDV-019"         to              BDV[6]
265       assign          "25BDV-022"         to              BDV[7]
266       assign          "25SDV-001"         to              SDV[1]
267       assign          "25SDV-023"         to              SDV[2]
268
269       assign          "63PI-003"          to              PT003
270       assign          "64PI-031A"         to              PT031A
271       assign          "64PI-031B"         to              PT031B
272
273       !-------------------------------------------------------------
274       assign          "OPMSG-1"           to               OPRMSG[1]
275       assign          "OPMSG-2"           to               OPRMSG[2]
276       assign          "OPMSG-3"           to               OPRMSG[3]
277       assign          "OPMSG-4"           to               OPRMSG[4]
278
279       !-------------------------------------------------------------
280       assign          "25PIC035-DS2"      to              PICSP[1]
281       assign          "25PIC037-DS2"      to              PICSP[2]
282       assign          "25PIC040-DS2"      to              PICSP[3]
283       assign          "25PIC043-DS2"      to              PICSP[4]
284       assign          "25PIC046-DS2"      to              PICSP[5]
285       assign          "25PIC049-DS2"      to              PICSP[6]
286
287
288       !-------------------------------------------------------------
289       *for i=1 to 400
290       *%.STATUS[i]=0
291       *next@


Step Number: 2     Comment:RESEARCH                                          X:  4  Y: 12

Line Number   SEBOL Program
   001
   002       !3.10 MODE 7 = RESEARCH
   003       !For electrical details about this mode reference shall be made to doc. EMCS Software Functional Design Specification (FDS-SW)
   004       !All commands will be in manual mode by operators from HMI and all Software Interlocks inside PCS shall be by-passed.
   005       !The following push buttons will be active only in electrical "Research mode"
   006       !Software push button = Purging mode after Shutdown (for H2 displacement) (see par. 4.4.7)
   007       !Software push button = Purging mode after Maintenance (for air displacement) (see par. 4.4.8)
   008       !Software push button = Process Start-up charging mode (see par. 4.4.4)
   009       !Software push button = Process Charging mode (see par. 4.4.2)
   010       !Software push button = Process Discharging mode (see par. 4.4.5)
   011
   012
   013
   014       !BLPH.STATE="RESEARCH"
   015       !BLPH.TRANSIT=0
   016
   017
   018
   019
   020       for i=1 to 450
   021       BLPH.STATUS[i]=0
   022       next@
   023
   024       for i=1 to 6
   025       if (T1XAAH[i].PV==1)        T1XAAH[i].PV=0
   026       if (TXAAH[i].PV==1)         TXAAH[i].PV=0
   027       if (GRAD[i].PV==1)          GRAD[1].PV=0
   028       next@
   029
   030       ![BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="","","",""]
   031
   032
   033       for i=22 to 33
   034            t[i].PV=t[i].PH
   035           t[i].OP=TMSTOP
   036       next@
   037
   038       BLPH.SHTPUR=0                     !USED IN RESEACH MODE RESRTRICTION
   039
   040
   041       for i=34 to 45
   042           t[i].PV=0
   043           t[i].OP=TMSTOP
   044       next@
   045
   046       BLPH.MNTPUR=0                    !USED IN RESEACH MODE RESRTRICTION
   047
   048
   049
   050       for i=10 to 21
   051            t[i].PV=0
   052           t[i].OP=TMSTOP
   053       next@
   054
   055       BLPH.STUPCHR=0                   !USED IN RESEACH MODE RESRTRICTION
```

```
056
057
058
059         !repeat
060
061         ![BLPH.SWPBEN[1],BLPH.SWPBEN[2],BLPH.SWPBEN[5]=1,1,1]         ! To enable soft push button on HMI
062         !if (RCRGPM.H2ILK==1) then
063         !     if ((dscheck(PT[1].#PV,"BAD")==0 & PT[1].PV>=2.0) | (dscheck(PT[2].#PV,"BAD")==0 & PT[2].PV>=2.0)\
064         !        | (dscheck(PT[3].#PV,"BAD")==0 & PT[3].PV>=2.0) | (dscheck(PT[4].#PV,"BAD")==0 & PT[4].PV>=2.0)\
065         !        | (dscheck(PT[5].#PV,"BAD")==0 & PT[5].PV>=2.0) | (dscheck(PT[6].#PV,"BAD")==0 & PT[6].PV>=2.0))   then
066         !        [BLPH.SWPBEN[3],BLPH.SWPBEN[4]=1,1]
067         !     end if
068         !else
069         ![BLPH.SWPBEN[3],BLPH.SWPBEN[4]=0,0]
070         !end if
071
072         !if (MODE.PV<>10)   then
073         !    for i= 1 to 5
074         !    BLPH.SWPBEN[i]=0
075         !    next@
076         !end if
077
078
079         wait until (BLPH.TRANSIT==18 | BLPH.TRANSIT==14 | BLPH.TRANSIT==16 )
080
081         if (MODE.PV<>10)   then
082             for i= 1 to 5
083             BLPH.SWPBEN[i]=0
084             next@
085         end if



Step Number: 3     Comment:PURGING-SHUTDOWN                                        X:  4  Y: 17

Line Number   SEBOL Program
   001         float x[3]
   002         !The operator through a software push button on HMI wil activate the “Purging mode after Shutdown (for H2 displacement)”.
   003         !This push button will be active only in electrical “Research mode”.
   004
   005
   006         BLPH.STATE="PURGING"
   007         BLPH.SHTPUR=1                    !USED IN RESEACH MODE RESRTRICTION
   008         for i=22 to 33
   009             t[i].PV=t[i].PH
   010             t[i].OP=TMSTOP
   011         !       t[i].PV=0
   012         next@
   013
   014         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PURGING MODE AFT","ER SHUTDOWN (FOR"," H2) IS ACTIVE",""]
   015
   016         SDNFQISW.PV = 1         ! Flow totalizer on
   017
   018         *1) Close all XV valves that are installed on the inlet line of each H2 Storage Vessel:
   019         !25-XV-004/008/011/014/017/020
   020
   021         [XV[4].MODE,XV[8].MODE,XV[11].MODE,XV[14].MODE,XV[17].MODE,XV[20].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
   022         delaycycle 5
   023         [XV[4].CSV,XV[8].CSV,XV[11].CSV,XV[14].CSV,XV[17].CSV,XV[20].CSV=0,0,0,0,0,0]
   024
   025
   026         !Time to close the valves is 3 sec
   027         !The feedback statuses are 25-ZSL-004/008/011/014/017/020. When all feedback statuses are active proceed with below point.
   028
   029         wait until  (XV[4].PV==0 & XV[8].PV==0 & XV[11].PV==0 & XV[14].PV==0 & XV[17].PV==0 & XV[20].PV==0);time 10, error TRMNT
   030         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="ALL H2 VESSEL I","NLET ON-OFF     ","VALVES ARE CLOSE","D"]
   031         BLPH.STATUS[251]=1
   032
   033         !Close all XV valves that are installed on the outlet line of each H2 Storage Vessel:
   034         !25-XV-006/009/012/015/018/021
   035
   036         [XV[6].MODE,XV[9].MODE,XV[12].MODE,XV[15].MODE,XV[18].MODE,XV[21].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
   037         delaycycle 3
   038         [XV[6].CSV,XV[9].CSV,XV[12].CSV,XV[15].CSV,XV[18].CSV,XV[21].CSV=0,0,0,0,0,0]
   039
   040         !delaycycle 3
   041
   042         !Time to close the valves is 3 sec
   043         !The feedback statuses are 25-ZSL-006/009/012/015/018/021. When all feedback statuses are active proceed with below point.
   044
   045         wait until  (XV[6].PV==0 & XV[9].PV==0 & XV[12].PV==0 & XV[15].PV==0 & XV[18].PV==0 & XV[21].PV==0) ;time 10, error TRMNT
   046         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="ALL H2 STORAGE O","UTET ON-OFF     ","VALVES ARE CLOSE","D"]
   047         BLPH.STATUS[252]=1
   048         !Put the controllers 25-FIC-031/032/033/034/038/036 in Auto mode and force the output to 0BLPH.
   049         !Close all FV valves that are installed on the inlet lines of each H2 Storage Vessel: 25-FV-031/032/033/034/038/036
   050         !• Time to close the valves is 20 sec
   051         !• The feedback statuses are 25-ZSL-031/032/033/034/038/036. When all feedback statuses are active proceed with below point.
   052
   053         !for i=1 to 6
   054             ![FIC[i].MODE,FICT[i].MODE,FICT[i].SW="AUT","AUT",2]
```

```
055         !next@
056
057         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
058
059          for i=1 to 6
060            FIC[i].PSW = 1
061          next@
062
063         !delaycycle 5
064         wait until (FVZSL[1].PV==1 & FVZSL[2].PV==1 & FVZSL[3].PV==1 & FVZSL[4].PV==1 & FVZSL[5].PV==1 & FVZSL[6].PV==1);time 30, error TR
            MNT
065
066         BLPH.STATUS[253]=1
067
068         !4) Put the controllers 25-PIC-035/037/040/043/046/049 in Auto mode and force the output to 0BLPH.
069         !Close all PV valves that are installed on the outlet lines of each H2 Storage Vessel:
070         !25-PV-035/037/040/043/046/049
071         !• Time to close the valves is 20 sec
072         !The feedback statuses are 25-ZSL-035/037/040/043/046/049. When all feedback statuses are active proceed with below point.
073
074         !for i=1 to 6
075         !    [PIC[i].MODE,PICT[i].MODE,PICT[i].SW="AUT","AUT",2]
076         !next@
077
078         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
079
080          for i=1 to 6
081            PIC[i].PSW = 1
082          next@
083
084         !delaycycle 5
085         wait until (PVZSL[1].PV==1 & PVZSL[2].PV==1 & PVZSL[3].PV==1 & PVZSL[4].PV==1 & PVZSL[5].PV==1 & PVZSL[6].PV==1);time 30, error TR
            MNT
086         BLPH.STATUS[254]=1
087
088         wait until (O64SDV.PV==2 OR PSDHS.MV01==1)
089         if (PSDHS.MV01==1) goto TRMNT
090         BLPH.STATUS[255]=1
091
092         !---------------------------------PURGING-VESSEL-A-------------------------------------------------------------------------
093
094         !If 64-PT-031A/B (depends on the control valve 64-PV-031A/B that is working) > 25-PT-035 proceed with below point,
095         !if 64-PT-031A/B (depends on the control valve that is working) . 25-PT-035 go to point 13
096
097         x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
098         x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
099         !x[3]=dmax(x[1],x[2])
100
101         if (NPHS.MV01==1) x[3]= x[1]
102         if (NPHS.MV03==1) x[3]= x[2]
103         %.TEST[1]=X[3]
104
105         if  (dscheck(PT[1].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-A INLET P","RESSURE TX      "
            ,"25-PT-35 IS IN F","AULT CONDITION  "]
106         wait until (dscheck(PT[1].#PV,"BAD")==0);time 1, error TRMNT
107
108         if (x[3]<=PT[1].PV)   then
109         BLPH.STATUS[257]=1
110         goto POINT13
111         else
112         BLPH.STATUS[256]=1
113         end if
114
115
116         !Remove the forced output 0% of the controller 25-FIC-031 (installed on Nitrogen inlet line
117         !to V-25001A) and fix the set point to 42 Nm3/hr
118         !FICT[1].SW=1          !Select PID loop
119
120         !Revised logic - instead of AUT
121
122           FIC[1].MODE = "CAS"
123
124         BLPH.STATUS[258]=1
125
126         !Start a timer T3A= 5 Hrs, check during the time the following:
127         !if the 25-PI-035. 2 barg proceed with below point.
128         !if the 25-PI-035< 2 barg when timer is expired a time alarm T3AAH will alert
129         !the operator that the vessel has not reach the pressure within the desired time, force output 0%
130         !of the controllers 25-FIC-031 and proceed with below point 13.
131
132         t[22].PH=BLPH.DLY[22]                                                                          ! Timer T3A
133         t[22].OP=TMSTAT
134         BLPH.STATUS[421]=1 !Flow totalizer ON
135
136         while(t[22].BSTS<>"CTUP")
137                if (PT[1].PV>=2.0 or PSDHS.MV01==1) then
138                     if (PSDHS.MV01==1) goto TRMNT
139                   BLPH.STATUS[259]=1
140                     goto POINT9
141                end if
```

```
142             if (GRAD[1].PV==1) then
143         !       FICT[1].SW=2
144                 FIC[1].PSW=1
145                  BLPH.STATUS[260]=1
146                  BLPH.STATUS[421]=0 !Flow totalizer ON
147                  t[22].OP=TMSTOP
148                  goto POINT13
149             else
150                 BLPH.STATUS[260]=0
151             end if
152         wend
153
154         while(t[22].BSTS=="CTUP")
155         if (PT[1].PV<2.0 or GRAD[1].PV==1)  then
156         TXAAH[1].PV=1
157         !FICT[1].SW=2
158         FIC[1].PSW=1
159         BLPH.STATUS[260]=1
160         BLPH.STATUS[421]=0 !Flow totalizer ON
161         goto POINT13
162         else
163         BLPH.STATUS[260]=0
164         goto POINT9
165         end if
166         wend@
167
168         !Remove the forced output 0% of the controller 25-PIC-035 and fix the set point to 2 barg;
169         !Wait a timer T4A= 92 HRS= min, when the time is expired proceed with below point.
170         !Force output to 0% for both the controllers 25-FIC-031 and 25-PIC-035.
171         !Time to close 25-PV-035 and 25-FV-031 are 20 sec.
172         POINT9:
173         t[22].PV=t[22].PH
174         !PICT[1].SW=1
175         !Revised logic - instead of AUT
176         PICSP[1].SV = 2.0
177         PIC[1].MODE = "CAS"
178         BLPH.STATUS[261]=1
179         t[23].PH=BLPH.DLY[23]                                                                   !Timer T4A
180         t[23].OP=TMSTAT
181
182         while(t[23].BSTS<>"CTUP" and PSDHS.MV01==0 )
183         if(PT[1].PV<1.5)then
184         ![PICT[1].SW,FICT[1].SW=2,2]
185
186         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
187         [PIC[1].PSW,FIC[1].PSW=1,1]
188
189         wait until (PVZSL[1].PV==1 & FVZSL[1].PV==1);time 30, error TRMNT
190         BLPH.STATUS[262]=1
191         BLPH.STATUS[421]=0          !Flow totalizer OFF
192         t[23].OP=TMSTOP
193         goto POINT13
194         end if
195         wend
196
197         wait until (t[23].BSTS=="CTUP" or PSDHS.MV01==1)
198         if (PSDHS.MV01==1) goto TRMNT
199
200         ![PICT[1].SW,FICT[1].SW=2,2]
201
202         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
203
204         [PIC[1].PSW,FIC[1].PSW = 1,1]
205
206         BLPH.STATUS[262]=1
207         wait until (PVZSL[1].PV==1 & FVZSL[1].PV==1);time 30, error TRMNT
208         if (PVZSL[1].PV==1)         BLPH.STATUS[263]=1
209         if (FVZSL[1].PV==1)         BLPH.STATUS[264]=1
210         BLPH.STATUS[421]=0          !Flow totalizer OFF
211         t[23].OP=TMSTOP
212         if ((PVZSL[1].PV==1) and (FVZSL[1].PV==1)) then
213         BLPH.STATUS[331]=1
214         else
215         BLPH.STATUS[331]=0
216         goto TRMNT
217         end if
218
219
220         !--------------------------------PURGING-VESSEL-B-------------------------------------------------------------------------
221         POINT13:
222         x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
223         x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
224         !x[3]=dmax(x[1],x[2])
225
226         if (NPHS.MV01==1) x[3]= x[1]
227         if (NPHS.MV03==1) x[3]= x[2]
228         %.TEST[1]=X[3]
229         if  (dscheck(PT[2].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-B INLET P","RESSURE TX      "
            ,"25-PT-37 IS IN F","AULT CONDITION  "]
230
```

```
231       wait until (dscheck(PT[2].#PV,"BAD")==0);time 1, error TRMNT
232       if (x[3]<=PT[2].PV)   then
233       BLPH.STATUS[266]=1
234       goto POINT20
235       else
236       BLPH.STATUS[265]=1
237       end if
238
239
240
241
242       !FICT[2].SW=1          !Select PID loop
243       !Revised logic - instead of AUT
244
245       FIC[2].MODE = "CAS"
246
247       BLPH.STATUS[267]=1
248
249
250       t[24].PH=BLPH.DLY[24]   ! Timer T3A
251       t[24].OP=TMSTAT
252       BLPH.STATUS[422]=1 !Flow totalizer ON
253
254       while(t[24].BSTS<>"CTUP")
255              if (PT[2].PV>=2.0 or PSDHS.MV01==1) then
256                   if (PSDHS.MV01==1) goto TRMNT
257                 BLPH.STATUS[268]=1
258                   goto POINT16
259               end if
260           if (GRAD[2].PV==1) then
261       !       FICT[2].SW=2
262              FIC[2].PSW = 1
263               BLPH.STATUS[269]=1
264               BLPH.STATUS[422]=0 !Flow totalizer ON
265               t[24].OP=TMSTOP
266               goto POINT20
267           else
268               BLPH.STATUS[269]=0
269           end if
270       wend
271
272
273       while(t[24].BSTS=="CTUP")
274       if (PT[2].PV<2.0 or GRAD[2].PV==1)  then
275       TXAAH[2].PV=1
276       !FICT[2].SW=2
277       !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
278       FIC[2].PSW = 1
279       BLPH.STATUS[269]=1
280       BLPH.STATUS[422]=0 !Flow totalizer ON
281       goto POINT20
282       else
283       BLPH.STATUS[269]=0
284       goto POINT16
285       end if
286       wend@
287
288
289
290
291       POINT16:
292       t[24].PV=t[24].PH
293       !PICT[2].SW=1
294       !Revised logic - instead of AUT
295       PICSP[2].SV = 2.0
296       PIC[2].MODE = "CAS"
297       BLPH.STATUS[270]=1
298       t[25].PH=BLPH.DLY[25]      !Timer T4A
299       t[25].OP=TMSTAT
300
301       while(t[25].BSTS<>"CTUP" and PSDHS.MV01==0 )
302       if(PT[2].PV<1.5)then
303       ![PICT[2].SW,FICT[2].SW=2,2]
304
305       !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
306       [PIC[2].PSW,FIC[2].PSW = 1,1]
307
308       wait until (PVZSL[2].PV==1 & FVZSL[2].PV==1) ;time 30, error TRMNT
309       BLPH.STATUS[271]=1
310       BLPH.STATUS[422]=0          !Flow totalizer OFF
311       t[25].OP=TMSTOP
312       goto POINT20
313       end if
314       wend
315
316
317
318
319       wait until (t[25].BSTS=="CTUP" or PSDHS.MV01==1)
320       if (PSDHS.MV01==1) goto TRMNT
```

```
321
322         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
323
324         [PIC[2].PSW,FIC[2].PSW = 1,1]
325
326         BLPH.STATUS[271]=1
327         wait until (PVZSL[2].PV==1 & FVZSL[2].PV==1);time 30, error TRMNT
328         if (PVZSL[2].PV==1)         BLPH.STATUS[272]=1
329         if (FVZSL[2].PV==1)         BLPH.STATUS[273]=1
330         BLPH.STATUS[422]=0          !Flow totalizer OFF
331         t[25].OP=TMSTOP
332         if ((PVZSL[2].PV==1) and (FVZSL[2].PV==1)) then
333         BLPH.STATUS[332]=1
334         else
335         BLPH.STATUS[332]=0
336         goto TRMNT
337         end if
338         !wait until (PVZSL[2].PV==1 & FVZSL[2].PV==1)
339
340         !---------------------------------PURGING-VESSEL-C-------------------------------------------------------------------------
341         POINT20:
342         x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
343         x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
344         !x[3]=dmax(x[1],x[2])
345
346         if (NPHS.MV01==1) x[3]= x[1]
347         if (NPHS.MV03==1) x[3]= x[2]
348         %.TEST[1]=X[3]
349         if  (dscheck(PT[3].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-C INLET P","RESSURE TX      "
            ,"25-PT-40 IS IN F","AULT CONDITION  "]
350
351         wait until (dscheck(PT[3].#PV,"BAD")==0);time 1, error TRMNT
352         if (x[3]<=PT[3].PV)   then
353         BLPH.STATUS[275]=1
354         goto POINT27
355         else
356         BLPH.STATUS[274]=1
357         end if
358
359
360
361         !FICT[3].SW=1          !Select PID loop
362
363         !Revised logic - instead of AUT
364         FIC[3].MODE = "CAS"
365
366         BLPH.STATUS[276]=1
367
368
369         t[26].PH=BLPH.DLY[26]   ! Timer T3A
370         t[26].OP=TMSTAT
371         BLPH.STATUS[423]=1 !Flow totalizer ON
372
373         while(t[26].BSTS<>"CTUP")
374            if (PT[3].PV>=2.0 or PSDHS.MV01==1) then
375                     if (PSDHS.MV01==1) goto TRMNT
376                   BLPH.STATUS[277]=1
377                     goto POINT23
378                end if
379             if (GRAD[3].PV==1) then
380         !       FICT[3].SW=2
381                FIC[3].PSW = 1
382                 BLPH.STATUS[278]=1
383                 BLPH.STATUS[423]=0 !Flow totalizer ON
384                 t[26].OP=TMSTOP
385                 goto POINT27
386             else
387                 BLPH.STATUS[278]=0
388             end if
389         wend
390
391
392
393
394         while(t[26].BSTS=="CTUP")
395         if (PT[3].PV<2.0 or GRAD[3].PV==1)  then
396         TXAAH[3].PV=1
397         !FICT[3].SW=2
398         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
399         FIC[3].PSW = 1
400         BLPH.STATUS[278]=1
401         BLPH.STATUS[423]=0 !Flow totalizer ON
402         goto POINT27
403         else
404         BLPH.STATUS[278]=0
405         goto POINT23
406         end if
407         wend@
408
409
```

```
410         POINT23:
411
412         t[26].PV=t[26].PH
413         !PICT[3].SW=1
414
415         !Revised logic - instead of AUT
416         PICSP[3].SV = 2.0
417         PIC[3].MODE = "CAS"
418
419         BLPH.STATUS[279]=1
420         t[27].PH=BLPH.DLY[27]      !Timer T4A
421         t[27].OP=TMSTAT
422
423         while(t[27].BSTS<>"CTUP" and PSDHS.MV01==0 )
424         if(PT[3].PV<1.5)then
425         ![PICT[3].SW,FICT[3].SW=2,2]
426
427         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
428         [PIC[3].PSW,FIC[3].PSW = 1,1]
429
430         wait until (PVZSL[3].PV==1 & FVZSL[3].PV==1);time 30, error TRMNT
431         BLPH.STATUS[280]=1
432         BLPH.STATUS[423]=0          !Flow totalizer OFF
433         t[27].OP=TMSTOP
434         goto POINT27
435         end if
436         wend
437
438
439
440
441         wait until (t[27].BSTS=="CTUP" or PSDHS.MV01==1)
442         if (PSDHS.MV01==1) goto TRMNT
443
444         ![PICT[3].SW,FICT[3].SW=2,2]
445         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
446         [PIC[3].PSW,FIC[3].PSW = 1,1]
447         BLPH.STATUS[280]=1
448         wait until (PVZSL[3].PV==1 & FVZSL[3].PV==1);time 30, error TRMNT
449         if (PVZSL[3].PV==1)         BLPH.STATUS[281]=1
450         if (FVZSL[3].PV==1)         BLPH.STATUS[282]=1
451         BLPH.STATUS[423]=0          !Flow totalizer OFF
452         t[27].OP=TMSTOP
453         if ((PVZSL[3].PV==1) and (FVZSL[3].PV==1)) then
454         BLPH.STATUS[333]=1
455         else
456         BLPH.STATUS[333]=0
457         goto TRMNT
458         end if
459         !wait until (PVZSL[3].PV==1 & FVZSL[3].PV==1)
460
461         !--------------------------------PURGING-VESSEL-D-------------------------------------------------------------------------
462         POINT27:
463         x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
464         x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
465
466
467         if (NPHS.MV01==1) x[3]= x[1]
468         if (NPHS.MV03==1) x[3]= x[2]
469         %.TEST[1]=X[3]
470         if  (dscheck(PT[4].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-D INLET P","RESSURE TX      "
            ,"25-PT-43 IS IN F","AULT CONDITION  "]
471
472         wait until (dscheck(PT[4].#PV,"BAD")==0);time 1, error TRMNT
473         if (x[3]<=PT[4].PV)   then
474         BLPH.STATUS[284]=1
475         goto POINT34
476         else
477         BLPH.STATUS[283]=1
478         end if
479
480
481         !FICT[4].SW=1          !Select PID loop
482         !Revised logic - instead of AUT
483         FIC[4].MODE = "CAS"
484
485         BLPH.STATUS[285]=1
486
487
488         t[28].PH=BLPH.DLY[28]   ! Timer T3A
489         t[28].OP=TMSTAT
490         BLPH.STATUS[424]=1 !Flow totalizer ON
491
492         while(t[28].BSTS<>"CTUP")
493                if (PT[4].PV>=2.0 or PSDHS.MV01==1) then
494                     if (PSDHS.MV01==1) goto TRMNT
495                   BLPH.STATUS[286]=1
496                     goto POINT30
497                end if
498             if (GRAD[4].PV==1) then
```

```
499         !       FICT[4].SW=2
500                 FIC[4].PSW=1
501                  BLPH.STATUS[287]=1
502                  BLPH.STATUS[424]=0 !Flow totalizer ON
503                  t[28].OP=TMSTOP
504                  goto POINT34
505             else
506                 BLPH.STATUS[287]=0
507             end if
508         wend
509
510
511         while(t[28].BSTS=="CTUP")
512         if (PT[4].PV<2.0 or GRAD[4].PV==1)  then
513         TXAAH[4].PV=1
514         !FICT[4].SW=2
515         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
516         FIC[4].PSW=1
517         BLPH.STATUS[287]=1
518         BLPH.STATUS[424]=0 !Flow totalizer ON
519         goto POINT34
520         else
521         BLPH.STATUS[287]=0
522         goto POINT30
523         end if
524         wend@
525
526         POINT30:
527
528
529
530         t[28].PV=t[28].PH
531
532         !PICT[4].SW=1
533         !Revised logic - instead of AUT
534         PICSP[4].SV = 2.0
535         PIC[4].MODE = "CAS"
536
537         BLPH.STATUS[288]=1
538         t[29].PH=BLPH.DLY[29]      !Timer T4A
539         t[29].OP=TMSTAT
540
541         while(t[29].BSTS<>"CTUP" and PSDHS.MV01==0 )
542         if(PT[4].PV<1.5)then
543         !PICT[4].SW,FICT[4].SW=2,2]
544         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
545         [PIC[4].PSW,FIC[4].PSW=1,1]
546
547         wait until (PVZSL[4].PV==1 & FVZSL[4].PV==1);time 30, error TRMNT
548         BLPH.STATUS[289]=1
549         BLPH.STATUS[424]=0          !Flow totalizer OFF
550         t[29].OP=TMSTOP
551         goto POINT34
552         end if
553         wend
554
555         wait until (t[29].BSTS=="CTUP" or PSDHS.MV01==1)
556         if (PSDHS.MV01==1) goto TRMNT
557
558         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
559         [PIC[4].PSW,FIC[4].PSW=1,1]
560         BLPH.STATUS[289]=1
561         wait until (PVZSL[4].PV==1 & FVZSL[4].PV==1);time 30, error TRMNT
562         if (PVZSL[4].PV==1)         BLPH.STATUS[290]=1
563         if (FVZSL[4].PV==1)         BLPH.STATUS[291]=1
564         BLPH.STATUS[424]=0          !Flow totalizer OFF
565         t[29].OP=TMSTOP
566         if ((PVZSL[4].PV==1) and (FVZSL[4].PV==1))then
567          BLPH.STATUS[334]=1
568         else
569         BLPH.STATUS[334]=0
570         goto TRMNT
571         end if
572         wait until (PVZSL[2].PV==1 & FVZSL[2].PV==1);time 30, error TRMNT
573
574
575         !--------------------------------PURGING-VESSEL-E-------------------------------------------------------------------------
576         POINT34:
577         x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
578         x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
579
580
581         if (NPHS.MV01==1) x[3]= x[1]
582         if (NPHS.MV03==1) x[3]= x[2]
583         %.TEST[1]=X[3]
584         if  (dscheck(PT[5].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-E INLET P","RESSURE TX      "
            ,"25-PT-46 IS IN F","AULT CONDITION  "]
585
586         wait until (dscheck(PT[5].#PV,"BAD")==0);time 1, error TRMNT
587         if (x[3]<=PT[5].PV)   then
```

```
588         BLPH.STATUS[293]=1
589         goto POINT41
590         else
591         BLPH.STATUS[292]=1
592         end if
593
594
595         !FICT[5].SW=1          !Select PID loop
596
597         !Revised logic - instead of AUT
598         FIC[5].MODE = "CAS"
599
600         BLPH.STATUS[294]=1
601
602         t[30].PH=BLPH.DLY[30]   ! Timer T3A
603         t[30].OP=TMSTAT
604         BLPH.STATUS[425]=1 !Flow totalizer ON
605
606         while(t[30].BSTS<>"CTUP")
607                if (PT[5].PV>=2.0 or PSDHS.MV01==1) then
608                    if (PSDHS.MV01==1) goto TRMNT
609                  BLPH.STATUS[295]=1
610                    goto POINT37
611                end if
612             if (GRAD[5].PV==1) then
613         !       FICT[5].SW=2
614                FIC[5].PSW=1
615                 BLPH.STATUS[296]=1
616                 BLPH.STATUS[425]=0 !Flow totalizer ON
617                 t[22].OP=TMSTOP
618                 goto POINT41
619             else
620                 BLPH.STATUS[296]=0
621             end if
622         wend
623
624         while(t[30].BSTS=="CTUP")
625         if (PT[5].PV<2.0 or GRAD[5].PV==1)  then
626         TXAAH[5].PV=1
627         !FICT[5].SW=2
628
629         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
630         FIC[5].PSW=1
631
632         BLPH.STATUS[296]=1
633         BLPH.STATUS[425]=0 !Flow totalizer ON
634         goto POINT41
635         else
636         BLPH.STATUS[296]=0
637         goto POINT37
638         end if
639         wend@
640
641
642
643
644         POINT37:
645
646
647
648         t[30].PV=t[30].PH
649         !PICT[5].SW=1
650         !Revised logic - instead of AUT
651         PICSP[5].SV = 2.0
652         PIC[5].MODE = "CAS"
653
654         BLPH.STATUS[297]=1
655         t[31].PH=BLPH.DLY[31]      !Timer T4A
656         t[31].OP=TMSTAT
657
658         while(t[31].BSTS<>"CTUP" and PSDHS.MV01==0 )
659         if(PT[5].PV<1.5)then
660         ![PICT[5].SW,FICT[5].SW=2,2]
661         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
662         [PIC[5].PSW,FIC[5].PSW=1,1]
663
664         wait until (PVZSL[5].PV==1 & FVZSL[5].PV==1);time 30, error TRMNT
665         BLPH.STATUS[298]=1
666         BLPH.STATUS[425]=0          !Flow totalizer OFF
667         t[31].OP=TMSTOP
668         goto POINT41
669         end if
670         wend
671
672
673
674
675         wait until (t[31].BSTS=="CTUP" or PSDHS.MV01==1)
676         if (PSDHS.MV01==1) goto TRMNT
677
```

```
678         ![PICT[5].SW,FICT[5].SW=2,2]
679         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
680         [PIC[5].PSW,FIC[5].PSW=1,1]
681         BLPH.STATUS[298]=1
682         wait until (PVZSL[5].PV==1 & FVZSL[5].PV==1);time 30, error TRMNT
683         if (PVZSL[5].PV==1)         BLPH.STATUS[299]=1
684         if (FVZSL[5].PV==1)         BLPH.STATUS[300]=1
685         BLPH.STATUS[425]=0          !Flow totalizer OFF
686         t[31].OP=TMSTOP
687         if ((PVZSL[5].PV==1) and (FVZSL[2].PV==1)) then
688         BLPH.STATUS[335]=1
689         else
690         BLPH.STATUS[335]=0
691         goto TRMNT
692         end if
693         !wait until (PVZSL[5].PV==1 & FVZSL[5].PV==1)
694
695
696         !---------------------------------PURGING-VESSEL-F-------------------------------------------------------------------------
697         POINT41:
698         x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
699         x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
700
701         if (NPHS.MV01==1) x[3]= x[1]
702         if (NPHS.MV03==1) x[3]= x[2]
703         %.TEST[1]=X[3]
704         if  (dscheck(PT[6].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-F INLET P","RESSURE TX      "
            ,"25-PT-49 IS IN F","AULT CONDITION  "]
705
706         wait until (dscheck(PT[6].#PV,"BAD")==0);time 1, error TRMNT
707         if (x[3]<=PT[6].PV)   then
708         BLPH.STATUS[372]=1
709         goto POINT48
710         else
711         BLPH.STATUS[371]=1
712         end if
713
714
715         !FICT[6].SW=1          !Select PID loop
716
717         !Revised logic - instead of AUT
718         FIC[6].MODE = "CAS"
719
720         BLPH.STATUS[373]=1
721
722         t[32].PH=BLPH.DLY[32]   ! Timer T3A
723         t[32].OP=TMSTAT
724         BLPH.STATUS[426]=1 !Flow totalizer ON
725
726         while(t[32].BSTS<>"CTUP")
727                if (PT[6].PV>=2.0 or PSDHS.MV01==1) then
728                     if (PSDHS.MV01==1) goto TRMNT
729                   BLPH.STATUS[374]=1
730                     goto POINT44
731                end if
732             if (GRAD[6].PV==1) then
733         !       FICT[6].SW=2
734                FIC[6].PSW = 1
735                BLPH.STATUS[375]=1
736                BLPH.STATUS[426]=0 !Flow totalizer ON
737                t[32].OP=TMSTOP
738                goto TRMNT
739             else
740                BLPH.STATUS[375]=0
741             end if
742         wend
743
744         while(t[32].BSTS=="CTUP")
745         if (PT[6].PV<2.0 or GRAD[6].PV==1)  then
746         TXAAH[6].PV=1
747         !FICT[6].SW=2
748         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
749          FIC[6].PSW = 1
750         BLPH.STATUS[375]=1
751         BLPH.STATUS[426]=0 !Flow totalizer ON
752         goto TRMNT
753         else
754         BLPH.STATUS[375]=0
755         goto POINT44
756         end if
757         wend@
758
759
760
761
762
763         POINT44:
764
765         t[32].PV=t[32].PH
766         !PICT[6].SW=1
```

```
767         !Revised logic - instead of AUT
768         PICSP[6].SV = 2.0
769         PIC[6].MODE = "CAS"
770
771         BLPH.STATUS[376]=1
772         t[33].PH=BLPH.DLY[33]      !Timer T4A
773         t[33].OP=TMSTAT
774
775         while(t[33].BSTS<>"CTUP" and PSDHS.MV01==0 )
776         if(PT[6].PV<1.5)then
777         ![PICT[6].SW,FICT[6].SW=2,2]
778         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
779         [PIC[6].PSW,FIC[6].PSW=1,1]
780
781         wait until (PVZSL[6].PV==1 & FVZSL[6].PV==1);time 30, error TRMNT
782         BLPH.STATUS[377]=1
783         BLPH.STATUS[426]=0          !Flow totalizer OFF
784         t[33].OP=TMSTOP
785         goto TRMNT
786         end if
787         wend
788
789         wait until (t[33].BSTS=="CTUP" or PSDHS.MV01==1)
790         if (PSDHS.MV01==1) goto TRMNT
791
792         ![PICT[6].SW,FICT[6].SW=2,2]
793
794         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
795         [PIC[6].PSW,FIC[6].PSW=1,1]
796
797         BLPH.STATUS[377]=1
798         wait until (PVZSL[6].PV==1 & FVZSL[6].PV==1);time 30, error TRMNT
799         if (PVZSL[6].PV==1)         BLPH.STATUS[378]=1
800         if (FVZSL[6].PV==1)         BLPH.STATUS[379]=1
801         BLPH.STATUS[426]=0          !Flow totalizer OFF
802         t[33].OP=TMSTOP
803         if ((PVZSL[6].PV==1) and (FVZSL[6].PV==1))then
804          BLPH.STATUS[336]=1
805         else
806         BLPH.STATUS[336]=0
807         goto TRMNT
808         end if
809         !wait until (PVZSL[6].PV==1 & FVZSL[6].PV==1)
810
811
812
813         goto POINT48
814
815
816         TRMNT:
817
818         !Put the controllers 25-FIC-031/032/033/034/038/036 in Auto mode and force the output to 0BLPH.
819         !Close all FV valves that are installed on the inlet lines of each H2 Storage Vessel: 25-FV-031/032/033/034/038/036
820         !• Time to close the valves is 20 sec
821         !• The feedback statuses are 25-ZSL-031/032/033/034/038/036. When all feedback statuses are active proceed with below point.
822
823         SDNFQISW.PV = 0                          !Flow Totalizer off
824
825         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PURGING AFT SHUT","DOWN SEQ FAILED ","DUE TO VLV OR TR","ANSMITTER FAULT
             "]
826         !for i=1 to 6
827         !    [FIC[i].MODE,FICT[i].MODE,FICT[i].SW="AUT","AUT",2]
828         !next@
829
830         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
831
832          for i=1 to 6
833            FIC[i].PSW = 1
834          next@
835
836         !4) Put the controllers 25-PIC-035/037/040/043/046/049 in Auto mode and force the output to 0BLPH.
837         !Close all PV valves that are installed on the outlet lines of each H2 Storage Vessel:
838         !25-PV-035/037/040/043/046/049
839         !• Time to close the valves is 20 sec
840         !The feedback statuses are 25-ZSL-035/037/040/043/046/049. When all feedback statuses are active proceed with below point.
841
842         !for i=1 to 6
843         !    [PIC[i].MODE,PICT[i].MODE,PICT[i].SW="AUT","AUT",2]
844         !next@
845
846         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
847
848          for i=1 to 6
849            PIC[i].PSW = 1
850          next@
851
852         DELAY 30000
853         wait until (FVZSL[1].PV==1 & FVZSL[2].PV==1 & FVZSL[3].PV==1 & FVZSL[4].PV==1 & FVZSL[5].PV==1 & FVZSL[6].PV==1)
854         BLPH.STATUS[253]=0
855
```

```
856
857        wait until (PVZSL[1].PV==1 & PVZSL[2].PV==1 & PVZSL[3].PV==1 & PVZSL[4].PV==1 & PVZSL[5].PV==1 & PVZSL[6].PV==1)
858        BLPH.STATUS[254]=0
859        BLPH.TRANSIT=13
860        !wait until (ENMODE.PV<>10 | BLPH.TRANSIT<>13)
861
862
863        POINT48:
864
865        for i=22 to 33
866                t[i].PV=t[i].PH
867               t[i].OP=TMSTOP
868        next@
869
870        BLPH.SHTPUR=0       !USED IN RESEACH MODE RESRTRICTION
871        BLPH.TRANSIT=13
872        !wait until (ENMODE.PV<>10 | BLPH.TRANSIT<>18)
873
874        SDNFQISW.PV = 0                          !Flow Totalizer off
875
876        for i= 1 to 450
877        BLPH.STATUS[i]=0
878        next@
879
880
```

Step Number: 4 Comment:PURGING-MNTNCE X: 6 Y: 17

```
Line Number   SEBOL Program
   001        float x[3]
   002        !The operator through a software push button on HMI wil activate the “Purging mode after Shutdown (for H2 displacement)”.
   003        !This push button will be active only in electrical “Research mode”.
   004
   005
   006        BLPH.STATE="PURGING"
   007        BLPH.MNTPUR=1                    !USED IN RESEACH MODE RESRTRICTION
   008        for i=34 to 45
   009             t[i].PV=t[i].PH
   010            t[i].OP=TMSTOP
   011        next@
   012
   013        [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PURGING MODE AFT","ER SHUTDOWN (FOR"," H2) IS ACTIVE",""]
   014
   015        *1) Close all XV valves that are installed on the inlet line of each H2 Storage Vessel:
   016        !25-XV-004/008/011/014/017/020
   017
   018        [XV[4].MODE,XV[8].MODE,XV[11].MODE,XV[14].MODE,XV[17].MODE,XV[20].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
   019        delaycycle 3
   020        [XV[4].CSV,XV[8].CSV,XV[11].CSV,XV[14].CSV,XV[17].CSV,XV[20].CSV=0,0,0,0,0,0]
   021
   022
   023        !Time to close the valves is 3 sec
   024        !The feedback statuses are 25-ZSL-004/008/011/014/017/020. When all feedback statuses are active proceed with below point.
   025
   026        wait until  (XV[4].PV==0 & XV[8].PV==0 & XV[11].PV==0 & XV[14].PV==0 & XV[17].PV==0 & XV[20].PV==0);time 10, error TRMNT
   027        BLPH.STATUS[301]=1
   028
   029        !Close all XV valves that are installed on the outlet line of each H2 Storage Vessel:
   030        !25-XV-006/009/012/015/018/021
   031
   032        [XV[6].MODE,XV[9].MODE,XV[12].MODE,XV[15].MODE,XV[18].MODE,XV[21].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
   033        delaycycle 3
   034        [XV[6].CSV,XV[9].CSV,XV[12].CSV,XV[15].CSV,XV[18].CSV,XV[21].CSV=0,0,0,0,0,0]
   035
   036
   037        !Time to close the valves is 3 sec
   038        !The feedback statuses are 25-ZSL-006/009/012/015/018/021. When all feedback statuses are active proceed with below point.
   039
   040        wait until  (XV[6].PV==0 & XV[9].PV==0 & XV[12].PV==0 & XV[15].PV==0 & XV[18].PV==0 & XV[21].PV==0);time 10, error TRMNT
   041        BLPH.STATUS[302]=1
   042        !Put the controllers 25-FIC-031/032/033/034/038/036 in Auto mode and force the output to 0BLPH.
   043        !Close all FV valves that are installed on the inlet lines of each H2 Storage Vessel: 25-FV-031/032/033/034/038/036
   044        !• Time to close the valves is 20 sec
   045        !• The feedback statuses are 25-ZSL-031/032/033/034/038/036. When all feedback statuses are active proceed with below point.
   046
   047        !for i=1 to 6
   048        !    [FIC[i].MODE,FICT[i].MODE,FICT[i].SW="AUT","AUT",2]
   049        !next@
   050
   051
   052        !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
   053
   054        for i=1 to 6
   055            FIC[i].PSW = 1
   056        next@
   057
   058
   059        wait until (FVZSL[1].PV==1 & FVZSL[2].PV==1 & FVZSL[3].PV==1 & FVZSL[4].PV==1 & FVZSL[5].PV==1 & FVZSL[6].PV==1);time 30, error TR
```

```
        MNT
060     BLPH.STATUS[303]=1
061
062     !4) Put the controllers 25-PIC-035/037/040/043/046/049 in Auto mode and force the output to 0BLPH.
063     !Close all PV valves that are installed on the outlet lines of each H2 Storage Vessel:
064     !25-PV-035/037/040/043/046/049
065     !• Time to close the valves is 20 sec
066     !The feedback statuses are 25-ZSL-035/037/040/043/046/049. When all feedback statuses are active proceed with below point.
067
068     !for i=1 to 6
069     !    [PIC[i].MODE,PICT[i].MODE,PICT[i].SW="AUT","AUT",2]
070     !next@
071
072     !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
073
074     for i=1 to 6
075         PIC[i].PSW = 1
076     next@
077
078     wait until (PVZSL[1].PV==1 & PVZSL[2].PV==1 & PVZSL[3].PV==1 & PVZSL[4].PV==1 & PVZSL[5].PV==1 & PVZSL[6].PV==1);time 30, error TR
        MNT
079     BLPH.STATUS[304]=1
080     !Open the valve 64-SDV-001
081     wait until (O64SDV.PV==2 OR PMTHS.MV01==1)
082      if (PMTHS.MV01==1) goto TRMNT
083     BLPH.STATUS[305]=1
084
085     !---------------------------------PURGING-VESSEL-A-------------------------------------------------------------------------
086
087     !If 64-PT-031A/B (depends on the control valve 64-PV-031A/B that is working) > 25-PT-035 proceed with below point,
088     !if 64-PT-031A/B (depends on the control valve that is working) . 25-PT-035 go to point 13
089
090     x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
091     x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
092     !x[3]=dmax(x[1],x[2])
093
094     if (NPHS.MV01==1) x[3]= x[1]
095     if (NPHS.MV03==1) x[3]= x[2]
096     %.TEST[1]=X[3]
097     if  (dscheck(PT[1].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-A INLET P","RESSURE TX      "
        ,"25-PT-35 IS IN F","AULT CONDITION  "]
098     wait until (dscheck(PT[1].#PV,"BAD")==0);time 1, error TRMNT
099
100     if (x[3]<=PT[1].PV)   then
101     BLPH.STATUS[307]=1
102     goto POINT13
103     else
104     BLPH.STATUS[306]=1
105     end if
106
107
108     !Remove the forced output 0% of the controller 25-FIC-031 (installed on Nitrogen inlet line
109     !to V-25001A) and fix the set point to 42 Nm3/hr
110     !FICT[1].SW=1          !Select PID loop
111
112     !Revised logic - instead of AUT
113
114     FIC[1].MODE = "CAS"
115
116     BLPH.STATUS[308]=1
117
118     !Start a timer T5A= 5 Hrs, check during the time the following:
119     !if the 25-PI-035. 2 barg proceed with below point.
120     !if the 25-PI-035< 2 barg when timer is expired a time alarm T5AAH will alert
121     !the operator that the vessel has not reach the pressure within the desired time, force output 0%
122     !of the controllers 25-FIC-031 and proceed with below point 13.
123
124     t[34].PH=BLPH.DLY[34]                                                                                                    ! Timer T5
        A=5HES
125     t[34].OP=TMSTAT
126     BLPH.STATUS[421]=1 !Flow totalizer ON
127
128     while(t[34].BSTS<>"CTUP")
129           if (PT[1].PV>=2.0 or PMTHS.MV01==1) then
130     if (PMTHS.MV01==1) goto TRMNT
131               BLPH.STATUS[309]=1
132                 goto POINT9
133            end if
134         if (GRAD[1].PV==1) then
135     !       FICT[1].SW=2
136            FIC[1].PSW=1
137            BLPH.STATUS[310]=1
138            BLPH.STATUS[421]=0 !Flow totalizer ON
139            t[34].OP=TMSTOP
140            goto POINT13
141         else
142            BLPH.STATUS[310]=0
143         end if
144     wend
145
```

```
146         while(t[34].BSTS=="CTUP")
147         if (PT[1].PV<2.0 or GRAD[1].PV==1)  then
148         T1XAAH[1].PV=1
149         !FICT[1].SW=2
150         FIC[1].PSW=1
151         BLPH.STATUS[310]=1
152         BLPH.STATUS[421]=0 !Flow totalizer ON
153         goto POINT13
154         else
155         BLPH.STATUS[310]=0
156         goto POINT9
157         end if
158         wend@
159
160         !Remove the forced output 0% of the controller 25-PIC-035 and fix the set point to 2 barg;
161         !Wait a timer T6A= 51 HRS= min, when the time is expired proceed with below point.
162         !Force output to 0% for both the controllers 25-FIC-031 and 25-PIC-035.
163         !Time to close 25-PV-035 and 25-FV-031 are 20 sec.
164         POINT9:
165         t[34].PV=t[34].PH
166
167         !PICT[1].SW=1
168
169         !Revised logic - instead of AUTO
170         PICSP[1].SV = 2.0
171         PIC[1].MODE = "CAS"
172
173         BLPH.STATUS[311]=1
174         t[35].PH=BLPH.DLY[35]                                                                    !Timer T6A*51 hrs
175         t[35].OP=TMSTAT
176
177         while(t[35].BSTS<>"CTUP" and PMTHS.MV01==0 )
178         if(PT[1].PV<1.5)then
179         ![PICT[1].SW,FICT[1].SW=2,2]
180
181         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
182         [PIC[1].PSW,FIC[1].PSW=1,1]
183
184         wait until (PVZSL[1].PV==1 & FVZSL[1].PV==1);time 30, error TRMNT
185         BLPH.STATUS[312]=1
186         BLPH.STATUS[421]=0          !Flow totalizer OFF
187         t[35].OP=TMSTOP
188         goto POINT13
189         end if
190         wend
191
192         wait until (t[35].BSTS=="CTUP" or PMTHS.MV01==1)
193         if (PMTHS.MV01==1) goto TRMNT
194
195         ![PICT[1].SW,FICT[1].SW=2,2]
196
197         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
198         [PIC[1].PSW,FIC[1].PSW=1,1]
199
200         BLPH.STATUS[312]=1
201         wait until (PVZSL[1].PV==1 & FVZSL[1].PV==1);time 30, error TRMNT
202         if (PVZSL[1].PV==1)         BLPH.STATUS[313]=1
203         if (FVZSL[1].PV==1)         BLPH.STATUS[314]=1
204         BLPH.STATUS[421]=0          !Flow totalizer OFF
205         t[47].OP=TMSTOP
206         if ((PVZSL[1].PV==1) and (FVZSL[1].PV==1)) then
207         BLPH.STATUS[354]=1
208         else
209         BLPH.STATUS[354]=0
210          goto TRMNT
211         end if
212
213
214         !--------------------------------PURGING-VESSEL-B-------------------------------------------------------------------------
215         POINT13:
216         x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
217         x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
218         !x[3]=dmax(x[1],x[2])
219
220         if (NPHS.MV01==1) x[3]= x[1]
221         if (NPHS.MV03==1) x[3]= x[2]
222         %.TEST[1]=X[3]
223         if  (dscheck(PT[2].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-B INLET P","RESSURE TX      "
            ,"25-PT-37 IS IN F","AULT CONDITION  "]
224
225         wait until (dscheck(PT[2].#PV,"BAD")==0);time 1, error TRMNT
226         if (x[3]<=PT[2].PV)   then
227         BLPH.STATUS[316]=1
228         goto POINT20
229         else
230         BLPH.STATUS[315]=1
231         end if
232
233         !FICT[2].SW=1          !Select PID loop
234
```

```
235         !Revised logic - instead of AUT
236
237         FIC[2].MODE = "CAS"
238
239         BLPH.STATUS[317]=1
240
241
242         t[36].PH=BLPH.DLY[36]   ! Timer T5A
243         t[36].OP=TMSTAT
244         BLPH.STATUS[422]=1 !Flow totalizer ON
245
246         while(t[36].BSTS<>"CTUP")
247               if (PT[2].PV>=2.0 or PMTHS.MV01==1) then
248         if (PMTHS.MV01==1) goto TRMNT
249                  BLPH.STATUS[318]=1
250                    goto POINT16
251               end if
252             if (GRAD[2].PV==1) then
253         !       FICT[2].SW=2
254                FIC[2].PSW = 1
255               BLPH.STATUS[319]=1
256               BLPH.STATUS[422]=0 !Flow totalizer ON
257               t[36].OP=TMSTOP
258               goto POINT20
259             else
260               BLPH.STATUS[319]=0
261             end if
262         wend
263
264
265         while(t[36].BSTS=="CTUP")
266         if (PT[2].PV<2.0 or GRAD[2].PV==1)  then
267         T1XAAH[2].PV=1
268         !FICT[2].SW=2
269
270         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
271         FIC[2].PSW=1
272
273         BLPH.STATUS[319]=1
274         BLPH.STATUS[422]=0 !Flow totalizer ON
275         goto POINT20
276         else
277         BLPH.STATUS[319]=0
278         goto POINT16
279         end if
280         wend@
281
282
283
284
285         POINT16:
286         t[36].PV=t[36].PH
287         !PICT[2].SW=1
288
289         !Revised logic - instead of AUT
290         PICSP[2].SV = 2.0
291         PIC[2].MODE = "CAS"
292
293         BLPH.STATUS[320]=1
294         t[37].PH=BLPH.DLY[37]      !Timer T4A
295         t[37].OP=TMSTAT
296
297         while(t[37].BSTS<>"CTUP" and PMTHS.MV01==0 )
298         if(PT[2].PV<1.5)then
299         ![PICT[2].SW,FICT[2].SW=2,2]
300
301         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
302         [PIC[2].PSW,FIC[2].PSW=1,1]
303
304         wait until (PVZSL[2].PV==1 & FVZSL[2].PV==1);time 30, error TRMNT
305         BLPH.STATUS[321]=1
306         BLPH.STATUS[422]=0          !Flow totalizer OFF
307         t[37].OP=TMSTOP
308         goto POINT20
309         end if
310         wend
311
312
313
314
315         wait until (t[37].BSTS=="CTUP" or PMTHS.MV01==1)
316         if (PMTHS.MV01==1) goto TRMNT
317
318         ![PICT[2].SW,FICT[2].SW=2,2]
319
320         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
321         [PIC[2].PSW,FIC[2].PSW=1,1]
322
323         BLPH.STATUS[321]=1
324         wait until (PVZSL[2].PV==1 & FVZSL[2].PV==1);time 30, error TRMNT
```

```
325       if (PVZSL[2].PV==1)         BLPH.STATUS[322]=1
326       if (FVZSL[2].PV==1)         BLPH.STATUS[323]=1
327       BLPH.STATUS[422]=0          !Flow totalizer OFF
328       t[37].OP=TMSTOP
329       if ((PVZSL[2].PV==1) and (FVZSL[2].PV==1)) then
330       BLPH.STATUS[355]=1
331       else
332       BLPH.STATUS[355]=0
333       end if
334
335
336       !---------------------------------PURGING-VESSEL-C-------------------------------------------------------------------------
337       POINT20:
338       x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
339       x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
340       !x[3]=dmax(x[1],x[2])
341
342       if (NPHS.MV01==1) x[3]= x[1]
343       if (NPHS.MV03==1) x[3]= x[2]
344       %.TEST[1]=X[3]
345       if  (dscheck(PT[3].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-C INLET P","RESSURE TX      "
          ,"25-PT-40 IS IN F","AULT CONDITION  "]
346
347       wait until (dscheck(PT[3].#PV,"BAD")==0);time 1, error TRMNT
348       if (x[3]<=PT[3].PV)   then
349       BLPH.STATUS[325]=1
350       goto POINT27
351       else
352       BLPH.STATUS[324]=1
353       end if
354
355
356
357       !FICT[3].SW=1          !Select PID loop
358       !Revised logic - instead of AUT
359       FIC[3].MODE = "CAS"
360
361       BLPH.STATUS[326]=1
362
363
364       t[38].PH=BLPH.DLY[38]   ! Timer T5A
365       t[38].OP=TMSTAT
366       BLPH.STATUS[423]=1 !Flow totalizer ON
367
368       while(t[38].BSTS<>"CTUP")
369          if (PT[3].PV>=2.0 or PMTHS.MV01==1) then
370       if (PMTHS.MV01==1) goto TRMNT
371                 BLPH.STATUS[327]=1
372                   goto POINT23
373              end if
374           if (GRAD[3].PV==1) then
375       !       FICT[3].SW=2
376              FIC[3].PSW = 1
377               BLPH.STATUS[328]=1
378               BLPH.STATUS[423]=0 !Flow totalizer ON
379               t[38].OP=TMSTOP
380               goto POINT27
381           else
382               BLPH.STATUS[328]=0
383           end if
384       wend
385
386
387       while(t[38].BSTS=="CTUP")
388       if (PT[3].PV<2.0 or GRAD[3].PV==1)  then
389       T1XAAH[3].PV=1
390       !FICT[3].SW=2
391       !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
392       FIC[3].PSW = 1
393       BLPH.STATUS[328]=1
394       BLPH.STATUS[423]=0 !Flow totalizer ON
395       goto POINT27
396       else
397       BLPH.STATUS[328]=0
398       goto POINT23
399       end if
400       wend@
401
402
403
404
405
406
407
408       POINT23:
409       t[38].PV=t[38].PH
410       !PICT[3].SW=1
411       !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
412       PICSP[3].SV = 2.0
413       PIC[3].MODE = "CAS"
```

```
414
415         BLPH.STATUS[329]=1
416         t[39].PH=BLPH.DLY[39]      !Timer T4A
417         t[39].OP=TMSTAT
418
419         while(t[39].BSTS<>"CTUP" and PMTHS.MV01==0 )
420         if(PT[3].PV<1.5)then
421         ![PICT[3].SW,FICT[3].SW=2,2]
422         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
423         [PIC[3].PSW,FIC[3].PSW=1,1]
424         wait until (PVZSL[3].PV==1 & FVZSL[3].PV==1);time 30, error TRMNT
425         BLPH.STATUS[330]=1
426         BLPH.STATUS[423]=0          !Flow totalizer OFF
427         t[39].OP=TMSTOP
428         goto POINT27
429         end if
430         wend
431
432
433
434
435         wait until (t[39].BSTS=="CTUP" or PMTHS.MV01==1)
436         if (PMTHS.MV01==1) goto TRMNT
437
438         ![PICT[3].SW,FICT[3].SW=2,2]
439         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
440         [PIC[3].PSW,FIC[3].PSW=1,1]
441
442         BLPH.STATUS[330]=1
443         wait until (PVZSL[3].PV==1 & FVZSL[3].PV==1);time 30, error TRMNT
444         if (PVZSL[3].PV==1)         BLPH.STATUS[331]=1
445         if (FVZSL[3].PV==1)         BLPH.STATUS[332]=1
446         BLPH.STATUS[423]=0          !Flow totalizer OFF
447         t[39].OP=TMSTOP
448
449         if ((PVZSL[3].PV==1) and (FVZSL[3].PV==1))then
450          BLPH.STATUS[356]=1
451         else
452          BLPH.STATUS[356]=0
453          goto TRMNT
454         end if
455         !wait until (PVZSL[3].PV==1 & FVZSL[3].PV==1)
456
457         !---------------------------------PURGING-VESSEL-D-------------------------------------------------------------------
458         POINT27:
459         x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
460         x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
461         !x[3]=dmax(x[1],x[2])
462
463         if (NPHS.MV01==1) x[3]= x[1]
464         if (NPHS.MV03==1) x[3]= x[2]
465         %.TEST[1]=X[3]
466         if  (dscheck(PT[4].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-D INLET P","RESSURE TX      "
            ,"25-PT-43 IS IN F","AULT CONDITION  "]
467
468         wait until (dscheck(PT[4].#PV,"BAD")==0);time 1, error TRMNT
469         if (x[3]<=PT[4].PV)   then
470         BLPH.STATUS[334]=1
471         goto POINT34
472         else
473         BLPH.STATUS[333]=1
474         end if
475
476
477         !FICT[4].SW=1          !Select PID loop
478         !Revised logic - instead of AUT
479         FIC[4].MODE = "CAS"
480
481         BLPH.STATUS[335]=1
482
483
484         t[40].PH=BLPH.DLY[40]   ! Timer T5A
485         t[40].OP=TMSTAT
486         BLPH.STATUS[424]=1 !Flow totalizer ON
487
488         while(t[40].BSTS<>"CTUP")
489                if (PT[4].PV>=2.0 or PMTHS.MV01==1) then
490         if (PMTHS.MV01==1) goto TRMNT
491                   BLPH.STATUS[336]=1
492                     goto POINT30
493                end if
494             if (GRAD[4].PV==1) then
495         !       FICT[4].SW=2
496                FIC[4].PSW = 1
497                 BLPH.STATUS[337]=1
498                 BLPH.STATUS[424]=0 !Flow totalizer ON
499                 t[40].OP=TMSTOP
500                 goto POINT34
501             else
502                 BLPH.STATUS[337]=0
```

```
503             end if
504         wend
505
506
507         while(t[40].BSTS=="CTUP")
508         if (PT[4].PV<2.0 or GRAD[4].PV==1)  then
509         T1XAAH[4].PV=1
510         !FICT[4].SW=2
511         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
512         FIC[4].PSW = 1
513
514         BLPH.STATUS[337]=1
515         BLPH.STATUS[424]=0 !Flow totalizer ON
516         goto POINT34
517         else
518         BLPH.STATUS[337]=0
519         goto POINT30
520         end if
521         wend@
522
523
524
525         POINT30:
526         t[40].PV=t[40].PH
527         !PICT[4].SW=1
528         !Revised logic - instead of AUT
529         PICSP[4].SV = 2.0
530         PIC[4].MODE = "CAS"
531
532         BLPH.STATUS[338]=1
533         t[41].PH=BLPH.DLY[41]      !Timer T4A
534         t[41].OP=TMSTAT
535
536         while(t[41].BSTS<>"CTUP" and PMTHS.MV01==0 )
537         if(PT[4].PV<1.5)then
538         ![PICT[4].SW,FICT[4].SW=2,2]
539         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
540         [PIC[4].PSW,FIC[4].PSW=1,1]
541
542         wait until (PVZSL[4].PV==1 & FVZSL[4].PV==1);time 30, error TRMNT
543         BLPH.STATUS[339]=1
544         BLPH.STATUS[424]=0          !Flow totalizer OFF
545         t[41].OP=TMSTOP
546         goto POINT34
547         end if
548         wend
549
550         wait until (t[41].BSTS=="CTUP" or PMTHS.MV01==1)
551         if (PMTHS.MV01==1) goto TRMNT
552
553         ![PICT[4].SW,FICT[4].SW=2,2]
554         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
555         [PIC[4].PSW,FIC[4].PSW=1,1]
556
557         BLPH.STATUS[339]=1
558         wait until (PVZSL[4].PV==1 & FVZSL[4].PV==1);time 30, error TRMNT
559         if (PVZSL[4].PV==1)         BLPH.STATUS[340]=1
560         if (FVZSL[4].PV==1)         BLPH.STATUS[341]=1
561         BLPH.STATUS[424]=0          !Flow totalizer OFF
562         t[41].OP=TMSTOP
563         if ((PVZSL[4].PV==1) and (FVZSL[4].PV==1))then
564          BLPH.STATUS[357]=1
565         else
566         BLPH.STATUS[357]=0
567         goto TRMNT
568         end if
569         !wait until (PVZSL[2].PV==1 & FVZSL[2].PV==1)
570
571
572         !---------------------------------PURGING-VESSEL-E-------------------------------------------------------------------------
573         POINT34:
574         x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
575         x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
576         !x[3]=dmax(x[1],x[2])
577
578         if (NPHS.MV01==1) x[3]= x[1]
579         if (NPHS.MV03==1) x[3]= x[2]
580         %.TEST[1]=X[3]
581         if  (dscheck(PT[5].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-E INLET P","RESSURE TX      "
            ,"25-PT-43 IS IN F","AULT CONDITION  "]
582
583         wait until (dscheck(PT[5].#PV,"BAD")==0);time 1, error TRMNT
584         if (x[3]<=PT[5].PV)   then
585         BLPH.STATUS[343]=1
586         goto POINT41
587         else
588         BLPH.STATUS[342]=1
589         end if
590
591
```

```
592         !FICT[5].SW=1          !Select PID loop
593
594         !Revised logic - instead of AUT
595         FIC[5].MODE = "CAS"
596
597         BLPH.STATUS[344]=1
598
599         t[42].PH=BLPH.DLY[42]   ! Timer T5A
600         t[42].OP=TMSTAT
601         BLPH.STATUS[425]=1 !Flow totalizer ON
602
603         while(t[42].BSTS<>"CTUP")
604               if (PT[5].PV>=2.0 or PMTHS.MV01==1) then
605         if (PMTHS.MV01==1) goto TRMNT
606                  BLPH.STATUS[345]=1
607                    goto POINT37
608                end if
609             if (GRAD[5].PV==1) then
610         !       FICT[5].SW=2
611                FIC[5].PSW=1
612                BLPH.STATUS[346]=1
613                BLPH.STATUS[425]=0 !Flow totalizer ON
614                t[46].OP=TMSTOP
615                goto POINT41
616             else
617                BLPH.STATUS[346]=0
618             end if
619         wend
620
621         while(t[42].BSTS=="CTUP")
622         if (PT[5].PV<2.0 or GRAD[5].PV==1)  then
623         T1XAAH[5].PV=1
624         !FICT[5].SW=2
625         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
626         FIC[5].PSW=1
627         BLPH.STATUS[346]=1
628         BLPH.STATUS[425]=0 !Flow totalizer ON
629         goto POINT41
630         else
631         BLPH.STATUS[346]=0
632         goto POINT37
633         end if
634         wend@
635
636
637
638
639         POINT37:
640
641         t[42].PV=t[42].PH
642         !PICT[5].SW=1
643         !Revised logic - instead of AUT
644         PICSP[5].SV = 2.0
645         PIC[5].MODE = "CAS"
646
647         BLPH.STATUS[347]=1
648         t[43].PH=BLPH.DLY[43]      !Timer T4A
649         t[43].OP=TMSTAT
650
651         while(t[43].BSTS<>"CTUP" and PMTHS.MV01==0 )
652         if(PT[5].PV<1.5)then
653         ![PICT[5].SW,FICT[5].SW=2,2]
654
655         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
656         [PIC[5].PSW,FIC[5].PSW=1,1]
657
658         wait until (PVZSL[5].PV==1 & FVZSL[5].PV==1);time 30, error TRMNT
659         BLPH.STATUS[348]=1
660         BLPH.STATUS[425]=0          !Flow totalizer OFF
661         t[43].OP=TMSTOP
662         goto POINT41
663         end if
664         wend
665
666
667
668
669         wait until (t[43].BSTS=="CTUP" or PMTHS.MV01==1)
670         if (PMTHS.MV01==1) goto TRMNT
671
672         ![PICT[5].SW,FICT[5].SW=2,2]
673         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
674         [PIC[5].PSW,FIC[5].PSW=1,1]
675
676         BLPH.STATUS[298]=1
677         wait until (PVZSL[5].PV==1 & FVZSL[5].PV==1);time 30, error TRMNT
678         if (PVZSL[5].PV==1)         BLPH.STATUS[299]=1
679         if (FVZSL[5].PV==1)         BLPH.STATUS[300]=1
680         BLPH.STATUS[425]=0          !Flow totalizer OFF
681         t[43].OP=TMSTOP
```

```
682         if ((PVZSL[5].PV==1) and (FVZSL[2].PV==1)) then
683         BLPH.STATUS[359]=1
684         else
685         BLPH.STATUS[359]=0
686         goto TRMNT
687         end if
688         !wait until (PVZSL[5].PV==1 & FVZSL[5].PV==1)
689
690
691         !--------------------------------PURGING-VESSEL-F-------------------------------------------------------------------------
692         POINT41:
693         x[1]=(dscheck(PT[7].#PV,"BAD")==0)*(PT[7].PV)
694         x[2]=(dscheck(PT[8].#PV,"BAD")==0)*(PT[8].PV)
695
696         if (NPHS.MV01==1) x[3]= x[1]
697         if (NPHS.MV03==1) x[3]= x[2]
698         %.TEST[1]=X[3]
699         if  (dscheck(PT[6].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-F INLET P","RESSURE TX      "
            ,"25-PT-49 IS IN F","AULT CONDITION  "]
700
701         wait until (dscheck(PT[6].#PV,"BAD")==0);time 1, error TRMNT
702         if (x[3]<=PT[6].PV)   then
703         BLPH.STATUS[382]=1
704         goto POINT48
705         else
706         BLPH.STATUS[381]=1
707         end if
708
709
710         !FICT[6].SW=1          !Select PID loop
711
712         !Revised logic - instead of AUT
713         FIC[6].MODE = "CAS"
714
715         BLPH.STATUS[383]=1
716
717         t[44].PH=BLPH.DLY[44]   ! Timer T5A
718         t[44].OP=TMSTAT
719         BLPH.STATUS[426]=1 !Flow totalizer ON
720
721         while(t[44].BSTS<>"CTUP")
722                if (PT[6].PV>=2.0 or PMTHS.MV01==1) then
723         if (PMTHS.MV01==1) goto TRMNT
724                   BLPH.STATUS[384]=1
725                     goto POINT44
726                end if
727             if (GRAD[6].PV==1) then
728         !       FICT[6].SW=2
729                FIC[6].PSW=1
730                BLPH.STATUS[385]=1
731                BLPH.STATUS[426]=0 !Flow totalizer ON
732                t[44].OP=TMSTOP
733                goto TRMNT
734             else
735                BLPH.STATUS[385]=0
736             end if
737         wend
738
739         while(t[44].BSTS=="CTUP")
740         if (PT[6].PV<2.0 or GRAD[6].PV==1)  then
741         T1XAAH[6].PV=1
742         !FICT[6].SW=2
743         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
744         FIC[6].PSW=1
745         BLPH.STATUS[385]=1
746         BLPH.STATUS[426]=0 !Flow totalizer ON
747         goto TRMNT
748         else
749         BLPH.STATUS[385]=0
750         goto POINT44
751         end if
752         wend@
753
754
755
756
757         POINT44:
758
759         t[44].PV=t[44].PH
760         !PICT[6].SW=1
761
762         !Revised logic - instead of AUT
763         PICSP[6].SV = 2.0
764         PIC[6].MODE = "CAS"
765
766
767         BLPH.STATUS[386]=1
768         t[45].PH=BLPH.DLY[45]      !Timer T4A
769         t[45].OP=TMSTAT
770
```

```
771         while(t[45].BSTS<>"CTUP" and PMTHS.MV01==0 )
772         if(PT[6].PV<1.5)then
773         ![PICT[6].SW,FICT[6].SW=2,2]
774
775         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
776         [PIC[6].PSW,FIC[6].PSW=1,1]
777
778         wait until (PVZSL[6].PV==1 & FVZSL[6].PV==1);time 30, error TRMNT
779         BLPH.STATUS[387]=1
780         BLPH.STATUS[426]=0          !Flow totalizer OFF
781         t[45].OP=TMSTOP
782         goto TRMNT
783         end if
784         wend
785
786         wait until (t[45].BSTS=="CTUP" or PMTHS.MV01==1)
787         if (PMTHS.MV01==1) goto TRMNT
788
789         ![PICT[6].SW,FICT[6].SW=2,2]
790         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
791         [PIC[6].PSW,FIC[6].PSW=1,1]
792
793         BLPH.STATUS[377]=1
794         wait until (PVZSL[6].PV==1 & FVZSL[6].PV==1);time 30, error TRMNT
795         if (PVZSL[6].PV==1)         BLPH.STATUS[388]=1
796         if (FVZSL[6].PV==1)         BLPH.STATUS[389]=1
797         BLPH.STATUS[426]=0          !Flow totalizer OFF
798         t[45].OP=TMSTOP
799         if ((PVZSL[6].PV==1) and (FVZSL[6].PV==1))then
800          BLPH.STATUS[359]=1
801         else
802         BLPH.STATUS[359]=0
803         goto TRMNT
804         end if
805         !wait until (PVZSL[6].PV==1 & FVZSL[6].PV==1)
806
807
808
809         goto POINT48
810
811
812
813         TRMNT:
814
815         !Put the controllers 25-FIC-031/032/033/034/038/036 in Auto mode and force the output to 0BLPH.
816         !Close all FV valves that are installed on the inlet lines of each H2 Storage Vessel: 25-FV-031/032/033/034/038/036
817         !• Time to close the valves is 20 sec
818         !• The feedback statuses are 25-ZSL-031/032/033/034/038/036. When all feedback statuses are active proceed with below point.
819         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PURG AFT MAINTEN","ANCE SEQ FAILED ","DUE TO VLV OR TR","ANSMITTER FAULT
             "]
820         !for i=1 to 6
821         !    [FIC[i].MODE,FICT[i].MODE,FICT[i].SW="AUT","AUT",2]
822         !next@
823
824         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
825
826         for i=1 to 6
827             FIC[i].PSW = 1
828         next@
829
830
831         !4) Put the controllers 25-PIC-035/037/040/043/046/049 in Auto mode and force the output to 0BLPH.
832         !Close all PV valves that are installed on the outlet lines of each H2 Storage Vessel:
833         !25-PV-035/037/040/043/046/049
834         !• Time to close the valves is 20 sec
835         !The feedback statuses are 25-ZSL-035/037/040/043/046/049. When all feedback statuses are active proceed with below point.
836
837         !for i=1 to 6
838         !    [PIC[i].MODE,PICT[i].MODE,PICT[i].SW="AUT","AUT",2]
839         !next@
840
841         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
842
843         for i=1 to 6
844             PIC[i].PSW = 1
845         next@
846
847
848         DELAY 30000
849         wait until  (FVZSL[1].PV==1 & FVZSL[2].PV==1 & FVZSL[3].PV==1 & FVZSL[4].PV==1 & FVZSL[5].PV==1 & FVZSL[6].PV==1)
850         BLPH.STATUS[253]=0
851
852
853         wait until (PVZSL[1].PV==1 & PVZSL[2].PV==1 & PVZSL[3].PV==1 & PVZSL[4].PV==1 & PVZSL[5].PV==1 & PVZSL[6].PV==1)
854         BLPH.STATUS[254]=0
855
856         BLPH.TRANSIT=13
857
858         POINT48:
859
```

```
860        for i=34 to 45
861             t[i].PV=t[i].PH
862            t[i].OP=TMSTOP
863        next@
864
865        BLPH.MNTPUR=0                    !USED IN RESEACH MODE RESRTRICTION
866        BLPH.TRANSIT=13
867        !wait until (ENMODE.PV<>10 | BLPH.TRANSIT<>14)
868
869
870        for i= 1 to 450
871        BLPH.STATUS[i]=0
872        next@
873
```

Step Number: 5 Comment:PROCESS START UP X: 8 Y: 17

```
Line Number   SEBOL Program
   001        BLPH.STATE="STARTUP CHARGING"
   002
   003        BLPH.STUPCHR=1               !USED IN RESEACH MODE RESRTRICTION
   004
   005        !The gProcess Start-up Charging modeh can be activated only if pressure in the H2 vessels is>=2 barg
   006        !(this to ensure there is not air inside the vessels): 25-PT-035/037/040/043/046/049>=2 barg
   007        !(this value depends on the chosen set point of pressure control valves during purging operation).
   008        !Let assume the sequence of the vessel to be filled is the following:
   009        !a. V-25001A
   010        !b. V-25001B
   011        !c. V-25001C
   012        !d. V-25001D
   013        !e. V-25001E
   014        !f. V-25001F
   015
   016        for i=10 to 21
   017             t[i].PV=   t[i].PH
   018            t[i].OP=TMSTOP
   019
   020        next@
   021        for i=401 to 408
   022        BLPH.STATUS[i]=0
   023        next@
   024        TOP:
   025
   026        !0)Close all FV valves that are installed on the inlet lines of each H2 Storage Vessel: 25-FV-031/032/033/034/038/036
   027        !• Time to close the valves is 20 sec
   028        !• The feedback statuses are 25-ZSL-031/032/033/034/038/036. When all feedback statuses are active proceed with below point.
   029
   030        !for i=1 to 6
   031        !    [FIC[i].MODE,FICT[i].MODE,FICT[i].SW="AUT","AUT",2]
   032        !next@
   033
   034        !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
   035
   036        for i=1 to 6
   037            FIC[i].PSW = 1
   038        next@
   039
   040        [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="CLOSE COMMAND IS","SUED TO ALL     ","FLOW     CONTRO ","L VALVES
               "]
   041
   042        wait until (FVZSL[1].PV==1 & FVZSL[2].PV==1 & FVZSL[3].PV==1 & FVZSL[4].PV==1 & FVZSL[5].PV==1 & FVZSL[6].PV==1);time 30, error TR
              MNT
   043        [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="ALL FLOW     CON","TROL VALVES ARE","IN CLOSED POSITI","ON
              "]
   044        if (FVZSL[1].PV==1 & FVZSL[2].PV==1 & FVZSL[3].PV==1 & FVZSL[4].PV==1 & FVZSL[5].PV==1 & FVZSL[6].PV==1) then
   045        BLPH.STATUS[401]=1
   046        else
   047        BLPH.STATUS[401]=0
   048        end if
   049
   050
   051        !Put the controllers 25-PIC-035/037/040/043/046/049 in Auto mode and force the output to 0BLPH.
   052
   053        ![PIC[1].MODE,PIC[2].MODE,PIC[3].MODE,PIC[4].MODE,PIC[5].MODE,PIC[6].MODE="CAS","CAS","CAS","CAS","CAS","CAS"]
   054        ![PICT[1].MODE,PICT[2].MODE,PICT[3].MODE,PICT[4].MODE,PICT[5].MODE,PICT[6].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
   055        ![PICT[1].SW,PICT[2].SW,PICT[3].SW,PICT[4].SW,PICT[5].SW,PICT[6].SW=2,2,2,2,2,2]
   056
   057        !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
   058
   059        for i=1 to 6
   060            PIC[i].PSW = 1
   061        next@
   062
   063        [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="CLOSE COMMAND IS","SUED TO ALL     ","PRESSURE CONTRO ","L VALVES
               "]
   064        !Time to close the valves is 20 sec
   065        !The feedback statuses are 25-ZSL-035/037/040/043/046/049. When all feedback statuses are active proceed with below point.
   066
```

```
067
068
069         wait until (PVZSL[1].PV==1 & PVZSL[2].PV==1 & PVZSL[3].PV==1 & PVZSL[4].PV==1 & PVZSL[5].PV==1 & PVZSL[6].PV==1);time 30, error TR
            MNT
070         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="ALL PRESSURE CON","TROL VALVES ARE","IN CLOSED POSITI","ON
            "]
071         BLPH.STATUS[402]=1
072
073         !1) Close all XV valves that are installed on the inlet lines of each H2 Storage Vessel:
074         !25-XV-004/008/011/014/017/020
075         !• Time to close the valves is 3 sec
076         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START U ","P CHARGING      ","OPERATION IS STA","RTED
             "]
077
078         [XV[4].MODE,XV[8].MODE,XV[11].MODE,XV[14].MODE,XV[17].MODE,XV[20].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
079         delaycycle 3
080         [XV[4].CSV,XV[8].CSV,XV[11].CSV,XV[14].CSV,XV[17].CSV,XV[20].CSV=0,0,0,0,0,0]
081         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="CLOSE COMMAND IS","SUED TO ALL H2  ","STORAGE INLET ON-OFF VALVES",""]
082
083
084         !Time to close the valves is 3 sec
085         !The feedback statuses are 25-ZSL-004/008/011/014/017/020. When all feedback statuses are active proceed with below point.
086
087         wait until  (XV[4].PV==0 & XV[8].PV==0 & XV[11].PV==0 & XV[14].PV==0 & XV[17].PV==0 & XV[20].PV==0);time 10, error TRMNT
088         BLPH.STATUS[211]=1
089         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="ALL H2 STORAGE I","NLET ON-OFF     ","VALVES ARE CLOSE","D"]
090
091         !Close all XV valves that are installed on the outlet line of each H2 Storage Vessel:
092         !25-XV-006/009/012/015/018/021
093
094         [XV[6].MODE,XV[9].MODE,XV[12].MODE,XV[15].MODE,XV[18].MODE,XV[21].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
095         delaycycle 3
096         [XV[6].CSV,XV[9].CSV,XV[12].CSV,XV[15].CSV,XV[18].CSV,XV[21].CSV=0,0,0,0,0,0]
097         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="CLOSE COMMAND IS","SUED TO ALL H2  ","STORAGE OUTLET O","N-OFF VALVES
             "]
098
099
100         !Time to close the valves is 3 sec
101         !The feedback statuses are 25-ZSL-006/009/012/015/018/021. When all feedback statuses are active proceed with below point.
102
103         wait until  (XV[6].PV==0 & XV[9].PV==0 & XV[12].PV==0 & XV[15].PV==0 & XV[18].PV==0 & XV[21].PV==0);time 10, error TRMNT
104         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="ALL H2 STORAGE O","UTET ON-OFF     ","VALVES ARE CLOSE","D"]
105         BLPH.STATUS[212]=1
106
107
108         !If 25-PT-035 < 2 barg go to point 10, If 25-PT-035>=2.0 proceed with below point
109         !Open the valve 25-XV-004, installed on the inlet line of the V-25001A;
110         !Time to open 25-XV-004 is 8 sec.
111         !The feedback status is 25-ZSH-004. When feedback status is active proceed with below point.
112         !Remove the forced output 0% of the controller 25-PIC-035 and fix the set point to 2 barg;
113         !Start a timer T2A= TBD min (to pressurize up to 30 barg), check during the time the following:
114         !if the 25-PI-035>=30 barg then close the valve 25-XV-004 (time to close 25-XV-004 is 3 sec.
115         !and the feedback status is 25-ZSL-004) and proceed with below point
116         !if the 25-PI-035 < 30 barg when timer is expired, close the valve 25-XV-004 (time to close 25-XV-004 is 3 sec.
117         !and the feedback status is 25-ZSL-004) and alert operator with alarm ¡§Process Start-up Charging Sequence
118         !Vessel A not completed¡¨ and proceed with below point
119         !INIT:
120         ******************************Vessel-A charging sequence*******************************
121         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-A PROCES ","S START UP      ","CHARGING IS IN P","ROGRESS
             "]
122
123         if  (dscheck(PT[1].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-A INLET P","RESSURE TX      "
            ,"25-PT-35 IS IN F","AULT CONDITION  "]
124
125         wait until (dscheck(PT[1].#PV,"BAD")==0);time 1, error TRMNT
126         if (  (dscheck(PT[1].#PV,"BAD")==0) & PT[1].PV<2.0) then
127         BLPH.STATUS[215]=1
128         goto POINT10
129         else
130         BLPH.STATUS[214]=1
131         XV[4].MODE="AUT"
132         XV[4].CSV=2
133         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-A ","INLET ON-OFF VAL","VE 25-XV-004
             "]
134         wait until (XV[4].PV==2);time 10, error TRMNT
135         if (XV[4].PV==2)    [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-A INLET O","N-OFF VALVE     ","25-XV-004 IS O
            PE","NED             "]
136         BLPH.STATUS[216]=1
137
138
139         PICSP[1].SV = 2.0
140
141         ![PIC[1].MODE,PICT[1].MODE,PICT[1].SW="CAS","AUT",1]
142
143         !Revised logic - instead of AUT
144
145         PIC[1].MODE = "CAS"
146
147
148         BLPH.STATUS[217]=1
```

```
149       [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-A PRESSUR","E CONTROL VALVE ","IN UNDER PID OPE","RATION
           "]
150       t[10].PH=BLPH.DLY[10]
151       t[10].OP=TMSTAT
152       !_____________________________________________________R01___________
153       while(t[10].BSTS=="NR" and STCGHS.MV01==0 )
154       If (PT[1].PV<1.5) then
155
156       ![PIC[1].MODE,PICT[1].MODE,PICT[1].SW="CAS","AUT",2]
157       !PIC[1].MODE = "CAS"
158
159       !Revised logic - instead of AUT
160
161       PIC[1].PSW = 1
162
163
164       XV[4].MODE="AUT"
165       XV[4].CSV=0
166       BLPH.STATUS[403]=1      ! alarm to operator
167       t[10].OP=TMSTOP
168       [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-A IS","NOT COMPLETED"]
169       goto POINT10
170       Else
171       BLPH.STATUS[403]=0
172       End if
173       Wend
174       !_____________________________________________________________________
175
176       wait until   (t[10].BSTS=="CTUP" or STCGHS.MV01==1)                  !T1A= 28Hrs
177       if (STCGHS.MV01==1) goto TRMNT
178
179       ![PIC[1].MODE,PICT[1].MODE,PICT[1].SW="CAS","AUT",2]
180
181       !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
182
183       PIC[1].PSW = 1
184
185       wait until (PVZSL[1].PV==1);time 30, error TRMNT
186       if    (PVZSL[1].PV==1)    BLPH.STATUS[218]=1
187
188
189       t[11].PH=BLPH.DLY[11]
190       t[11].OP=TMSTAT
191
192
193       wait until   (t[11].BSTS=="CTUP" or PT[1].PV>=30.0 or STCGHS.MV01==1 or GRAD[1].PV==1 )                  !T2A= 7Hrs, 30.0
194       if (STCGHS.MV01==1) goto TRMNT
195
196            if (PT[1].PV>=30.0 OR  GRAD[1].PV==1 ) then
197               t[11].OP=TMSTOP
198               XV[4].MODE="AUT"
199               XV[4].CSV=0
200               wait until (XV[4].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
201               if (STCGHS.MV01==1) goto TRMNT
202               BLPH.STATUS[219]=1
203            else
204              [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-A IS","NOT COMP
          LETED"]
205               BLPH.STATUS[220]=1
206               XV[4].MODE="AUT"
207               XV[4].CSV=0
208               wait until (XV[4].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
209               if (STCGHS.MV01==1) goto TRMNT
210            end if
211       end if
212
213
214
215       ******************************Vessel-B charging sequence*******************************
216       POINT10:
217       [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-B PROCES ","S START UP      ","CHARGING IS IN P","ROGRESS
           "]
218
219       if  (dscheck(PT[2].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-B INLET P","RESSURE TX      "
          ,"25-PT-37 IS IN F","AULT CONDITION  "]
220
221       wait until (dscheck(PT[2].#PV,"BAD")==0);time 1, error TRMNT
222       if (  (dscheck(PT[2].#PV,"BAD")==0) & PT[2].PV<2.0) then
223       BLPH.STATUS[222]=1
224       goto POINT16
225       else
226       BLPH.STATUS[221]=1
227       XV[8].MODE="AUT"
228       XV[8].CSV=2
229       [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-B ","INLET ON-OFF VAL","VE 25-XV-004
           "]
230       wait until (XV[8].PV==2);time 10, error TRMNT
231       if (XV[8].PV==2)    [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-B INLET O","N-OFF VALVE     ","25-XV-004 IS O
          PE","NED            "]
232       BLPH.STATUS[223]=1
```

```
233
234         ![PIC[2].MODE,PICT[2].MODE,PICT[2].SW="CAS","AUT",1]
235
236         PICSP[2].SV = 2.0
237
238         !Revised logic - instead of AUT
239
240         PIC[2].MODE = "CAS"
241
242         BLPH.STATUS[224]=1
243         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-B PRESSUR","E CONTROL VALVE ","IN UNDER PID OPE","RATION
             "]
244         t[12].PH=BLPH.DLY[12]
245         t[12].OP=TMSTAT
246         !_____________________________________________________________R01___________
247         while(t[12].BSTS=="NR" and STCGHS.MV01==0 )
248         If (PT[2].PV<1.5) then
249         ![PIC[2].MODE,PICT[2].MODE,PICT[2].SW="CAS","AUT",2]
250
251         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
252
253         PIC[2].PSW = 1
254
255
256         XV[8].MODE="AUT"
257         XV[8].CSV=0
258         BLPH.STATUS[404]=1      ! alarm to operator
259         t[12].OP=TMSTOP
260         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-B IS","NOT COMPLETED"]
261         goto POINT16
262         Else
263         BLPH.STATUS[404]=0
264         End if
265         Wend
266         !_____________________________________________________________________________
267
268
269         wait until   (t[12].BSTS=="CTUP" or STCGHS.MV01==1)                   !T1B= 28Hrs.
270         if (STCGHS.MV01==1) goto TRMNT
271
272         ![PIC[2].MODE,PICT[2].MODE,PICT[2].SW="CAS","AUT",2]
273
274         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
275
276         PIC[2].PSW = 1
277
278         wait until (PVZSL[2].PV==1);time 30, error TRMNT
279         if    (PVZSL[2].PV==1)    BLPH.STATUS[225]=1
280         t[13].PH=BLPH.DLY[13]
281         t[13].OP=TMSTAT
282         wait until   (t[13].BSTS=="CTUP" or PT[2].PV>=30.0 or STCGHS.MV01==1 OR GRAD[2].PV==1)                   !T2B= TBD min
283         if (STCGHS.MV01==1) goto TRMNT
284
285              if (PT[2].PV>=30.0 or GRAD[2].PV==1) then
286                 t[13].OP=TMSTOP
287                 XV[8].MODE="AUT"
288                 XV[8].CSV=0
289                 wait until (XV[8].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
290                 if (STCGHS.MV01==1) goto TRMNT
291                BLPH.STATUS[226]=1
292              else
293                [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-B IS","NOT COMP
         LETED"]
294                 BLPH.STATUS[227]=1
295                 XV[8].MODE="AUT"
296                 XV[8].CSV=0
297                 if (STCGHS.MV01==1) goto TRMNT
298                wait until (XV[8].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
299              end if
300         end if
301
302         ********************************VESSEL-C charging sequence*******************************
303         POINT16:
304         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-C PROCES ","S START UP      ","CHARGING IS IN P","ROGRESS
             "]
305
306         if  (dscheck(PT[3].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-C INLET P","RESSURE TX      "
         ,"25-PT-40 IS IN F","AULT CONDITION  "]
307
308         wait until (dscheck(PT[3].#PV,"BAD")==0);time 1, error TRMNT
309         if (  (dscheck(PT[3].#PV,"BAD")==0) & PT[3].PV<2.0) then
310         BLPH.STATUS[229]=1
311         goto POINT22
312         else
313         BLPH.STATUS[228]=1
314         XV[11].MODE="AUT"
315         XV[11].CSV=2
316         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-C ","INLET ON-OFF VAL","VE 25-XV-004
             "]
317         wait until (XV[11].PV==2);time 10, error TRMNT
```

```
318       if (XV[11].PV==2)    [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-C INLET O","N-OFF VALVE     ","25-XV-004 IS
          OPE","NED             "]
319       BLPH.STATUS[230]=1
320
321       [PIC[3].MODE,PICT[3].MODE,PICT[3].SW="CAS","AUT",1]
322       BLPH.STATUS[231]=1
323       [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-C PRESSUR","E CONTROL VALVE ","IN UNDER PID OPE","RATION
           "]
324       t[14].PH=BLPH.DLY[14]
325       t[14].OP=TMSTAT
326       !_____________________________________________________________R01___________
327       while(t[14].BSTS=="NR" and STCGHS.MV01==0 )
328       If (PT[3].PV<1.5) then
329       ![PIC[3].MODE,PICT[3].MODE,PICT[3].SW="CAS","AUT",2]
330
331       !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
332
333       PIC[3].PSW = 1
334
335       XV[11].MODE="AUT"
336       XV[11].CSV=0
337       BLPH.STATUS[405]=1      ! alarm to operator
338       t[14].OP=TMSTOP
339       [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-C IS","NOT COMPLETED"]
340       goto POINT22
341       Else
342       BLPH.STATUS[405]=0
343       End if
344       Wend
345       !_____________________________________________________________________________
346
347
348       wait until   (t[14].BSTS=="CTUP" or STCGHS.MV01==1)                  !T1C= 28Hrs
349       if (STCGHS.MV01==1) goto TRMNT
350
351       ![PIC[3].MODE,PICT[3].MODE,PICT[3].SW="CAS","AUT",2]
352
353       !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
354
355       PIC[3].PSW = 1
356
357       wait until (PVZSL[3].PV==1);time 30, error TRMNT
358       if    (PVZSL[3].PV==1)    BLPH.STATUS[232]=1
359       t[15].PH=BLPH.DLY[15]
360       t[15].OP=TMSTAT
361       wait until   (t[15].BSTS=="CTUP" or PT[3].PV>=30.0 or STCGHS.MV01==1 OR GRAD[3].PV==1)                   !T2C= 7Hrs
362       if (STCGHS.MV01==1) goto TRMNT
363
364            if (PT[3].PV>=30.0 or GRAD[3].PV==1) then
365               t[15].OP=TMSTOP
366               XV[11].MODE="AUT"
367               XV[11].CSV=0
368               wait until (XV[11].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
369               if (STCGHS.MV01==1) goto TRMNT
370              BLPH.STATUS[233]=1
371            else
372              [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-C IS","NOT COMP
          LETED"]
373               BLPH.STATUS[234]=1
374               XV[11].MODE="AUT"
375               XV[11].CSV=0
376               wait until (XV[11].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
377               if (STCGHS.MV01==1) goto TRMNT
378            end if
379       end if
380
381
382       *******************************VESSEL-D charging sequence*******************************
383       POINT22:
384       [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-D PROCES ","S START UP      ","CHARGING IS IN P","ROGRESS
           "]
385
386       if  (dscheck(PT[4].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-D INLET P","RESSURE TX      "
          ,"25-PT-43 IS IN F","AULT CONDITION  "]
387
388       wait until (dscheck(PT[4].#PV,"BAD")==0);time 1, error TRMNT
389       if (  (dscheck(PT[4].#PV,"BAD")==0) & PT[4].PV<2.0) then
390       BLPH.STATUS[236]=1
391       goto POINT28
392       else
393       BLPH.STATUS[235]=1
394       XV[14].MODE="AUT"
395       XV[14].CSV=2
396       [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-D ","INLET ON-OFF VAL","VE 25-XV-004
           "]
397       wait until (XV[14].PV==2);time 10, error TRMNT
398       if (XV[14].PV==2)    [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-D INLET O","N-OFF VALVE     ","25-XV-004 IS
          OPE","NED             "]
399       BLPH.STATUS[237]=1
400
```

```
401         ![PIC[4].MODE,PICT[4].MODE,PICT[4].SW="CAS","AUT",1]
402
403         PICSP[4].SV = 2.0
404
405         !Revised logic - instead of AUT
406
407         PIC[4].MODE = "CAS"
408
409
410         BLPH.STATUS[238]=1
411         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-D PRESSUR","E CONTROL VALVE ","IN UNDER PID OPE","RATION
             "]
412         t[16].PH=BLPH.DLY[16]
413         t[16].OP=TMSTAT
414         !_____________________________________________________________R01___________
415         while(t[16].BSTS=="NR" and STCGHS.MV01==0 )
416         If (PT[4].PV<1.5) then
417         ![PIC[4].MODE,PICT[4].MODE,PICT[4].SW="CAS","AUT",2]
418
419         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
420
421         PIC[4].PSW = 1
422
423         XV[14].MODE="AUT"
424         XV[14].CSV=0
425         BLPH.STATUS[406]=1      ! alarm to operator
426         t[16].OP=TMSTOP
427         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-D IS","NOT COMPLETED"]
428         goto POINT28
429         Else
430         BLPH.STATUS[406]=0
431         End if
432         Wend
433         !_____________________________________________________________________
434
435
436         wait until   (t[16].BSTS=="CTUP" or STCGHS.MV01==1)                  !T1D= 28Hrs
437         if (STCGHS.MV01==1) goto TRMNT
438
439         ![PIC[4].MODE,PICT[4].MODE,PICT[4].SW="CAS","AUT",2]
440
441         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
442
443         PIC[4].PSW = 1
444
445         wait until (PVZSL[4].PV==1);time 30, error TRMNT
446         if    (PVZSL[4].PV==1)    BLPH.STATUS[239]=1
447         t[17].PH=BLPH.DLY[17]
448         t[17].OP=TMSTAT
449         wait until   (t[17].BSTS=="CTUP" or PT[4].PV>=30.0 or STCGHS.MV01==1 OR GRAD[4].PV==1)                  !T2D= 7Hrs
450         if (STCGHS.MV01==1) goto TRMNT
451
452              if (PT[4].PV>=30.0 OR GRAD[4].PV==1) then
453                 t[17].OP=TMSTOP
454                 XV[14].MODE="AUT"
455                 XV[14].CSV=0
456                 wait until (XV[14].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
457                 if (STCGHS.MV01==1) goto TRMNT
458                 BLPH.STATUS[240]=1
459              else
460                [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-D IS","NOT COMP
            LETED"]
461                BLPH.STATUS[241]=1
462                 XV[14].MODE="AUT"
463                 XV[14].CSV=0
464                 wait until (XV[14].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
465                 if (STCGHS.MV01==1) goto TRMNT
466             end if
467         end if
468
469
470         ********************************VESSEL-E charging sequence*******************************
471         POINT28:
472         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-E PROCES ","S START UP      ","CHARGING IS IN P","ROGRESS
             "]
473
474         if  (dscheck(PT[5].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-E INLET P","RESSURE TX      "
            ,"25-PT-46 IS IN F","AULT CONDITION  "]
475
476         wait until (dscheck(PT[5].#PV,"BAD")==0);time 1, error TRMNT
477         if (  (dscheck(PT[5].#PV,"BAD")==0) & PT[5].PV<2.0) then
478         BLPH.STATUS[243]=1
479         goto POINT34
480         else
481         BLPH.STATUS[242]=1
482         XV[17].MODE="AUT"
483         XV[17].CSV=2
484         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-E ","INLET ON-OFF VAL","VE 25-XV-004
             "]
485         wait until (XV[17].PV==2);time 10, error TRMNT
```

```
        if (XV[17].PV==2)    [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-E INLET O","N-OFF VALVE     ","25-XV-004 IS
        OPE","NED             "]
        BLPH.STATUS[244]=1

        ![PIC[5].MODE,PICT[5].MODE,PICT[5].SW="CAS","AUT",1]

        PICSP[5].SV = 2.0

        !Revised logic - instead of AUT

        PIC[5].MODE = "CAS"

        BLPH.STATUS[245]=1
        [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-E PRESSUR","E CONTROL VALVE ","IN UNDER PID OPE","RATION
         "]
        t[18].PH=BLPH.DLY[18]
        t[18].OP=TMSTAT
        !_____________________________________________________________R01__________
        while(t[18].BSTS=="NR" and STCGHS.MV01==0 )
        If (PT[5].PV<1.5) then
        ![PIC[5].MODE,PICT[5].MODE,PICT[5].SW="CAS","AUT",2]

        !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%

        PIC[5].PSW = 1

        XV[17].MODE="AUT"
        XV[17].CSV=0
        BLPH.STATUS[407]=1      ! alarm to operator
        t[18].OP=TMSTOP
        [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-E IS","NOT COMPLETED"]
        goto POINT16
        Else
        BLPH.STATUS[407]=0
        End if
        Wend
        !_____________________________________________________________________


        wait until   (t[18].BSTS=="CTUP" or STCGHS.MV01==1)                   !T1E= TBD min.
        if (STCGHS.MV01==1) goto TRMNT

        ![PIC[5].MODE,PICT[5].MODE,PICT[5].SW="CAS","AUT",2]

        !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%

        PIC[5].PSW = 1


        wait until (PVZSL[1].PV==1);time 30, error TRMNT
        if    (PVZSL[1].PV==1)    BLPH.STATUS[246]=1
        t[19].PH=BLPH.DLY[19]
        t[19].OP=TMSTAT

        wait until   (t[19].BSTS=="CTUP" or PT[5].PV>=30.0 or STCGHS.MV01==1 OR GRAD[5].PV==1)                   !T2E= TBD min
        if (STCGHS.MV01==1 ) goto TRMNT

             if (PT[5].PV>=30.0 OR  GRAD[5].PV==1) then
                t[19].OP=TMSTOP
                XV[17].MODE="AUT"
                XV[17].CSV=0
                wait until (XV[17].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
                if (STCGHS.MV01==1) goto TRMNT
               BLPH.STATUS[247]=1
             else
               [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-E IS","NOT COMP
        LETED"]
               BLPH.STATUS[248]=1
                XV[17].MODE="AUT"
                XV[17].CSV=0
                wait until (XV[17].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
                if (STCGHS.MV01==1) goto TRMNT
             end if
        end if

        ********************************VESSEL-F charging sequence*******************************
        POINT34:
        [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-F PROCES ","S START UP      ","CHARGING IS IN P","ROGRESS
         "]

        if  (dscheck(PT[6].#PV,"BAD")==1)   [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-F INLET P","RESSURE TX      "
        ,"25-PT-49 IS IN F","AULT CONDITION  "]

        wait until (dscheck(PT[6].#PV,"BAD")==0);time 1, error TRMNT
        if (  (dscheck(PT[6].#PV,"BAD")==0) & PT[6].PV<2.0) then
        BLPH.STATUS[250]=1
        goto POINT40
        else
        BLPH.STATUS[249]=1
        XV[20].MODE="AUT"
```

```
571         XV[20].CSV=2
572         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="OPEN COMMAND ISS","UED TO VESSEL-F ","INLET ON-OFF VAL","VE 25-XV-004
             "]
573         wait until (XV[20].PV==2);time 10, error TRMNT
574         if (XV[20].PV==2)    [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-F INLET O","N-OFF VALVE     ","25-XV-004 IS
            OPE","NED             "]
575         BLPH.STATUS[361]=1
576
577         ![PIC[6].MODE,PICT[6].MODE,PICT[6].SW="CAS","AUT",1]
578
579         PICSP[6].SV = 2.0
580         !Revised logic - instead of AUT
581         PIC[6].MODE = "CAS"
582
583         BLPH.STATUS[362]=1
584         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="VESSEL-F PRESSUR","E CONTROL VALVE ","IN UNDER PID OPE","RATION
             "]
585         t[20].PH=BLPH.DLY[20]
586         t[20].OP=TMSTAT
587         !_____________________________________________________________R01___________
588         while(t[20].BSTS=="NR" and STCGHS.MV01==0 )
589         If (PT[6].PV<1.5) then
590         ![PIC[6].MODE,PICT[6].MODE,PICT[6].SW="CAS","AUT",2]
591
592         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
593
594         PIC[6].PSW = 1
595
596         XV[20].MODE="AUT"
597         XV[20].CSV=0
598         BLPH.STATUS[408]=1      ! alarm to operator
599         t[20].OP=TMSTOP
600         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-F IS","NOT COMPLETED"]
601         goto POINT40
602         Else
603         BLPH.STATUS[408]=0
604         End if
605         Wend
606         !_____________________________________________________________________________
607
608
609         wait until   (t[20].BSTS=="CTUP" or STCGHS.MV01==1)                   !T1F= 28Hrs
610         if (STCGHS.MV01==1) goto TRMNT
611
612         ![PIC[6].MODE,PICT[6].MODE,PICT[6].SW="CAS","AUT",2]
613
614         !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
615
616         PIC[6].PSW = 1
617
618         wait until (PVZSL[1].PV==1);time 30, error TRMNT
619         if    (PVZSL[1].PV==1)    BLPH.STATUS[363]=1
620         t[21].PH=BLPH.DLY[21]
621         t[21].OP=TMSTAT
622         wait until   (t[21].BSTS=="CTUP" or PT[6].PV>=30.0 or STCGHS.MV01==1 OR GRAD[6].PV==1)                   !T2F= 7Hrs
623         if (STCGHS.MV01==1) goto TRMNT
624
625              if (PT[6].PV>=30.0 OR GRAD[6].PV==1) then
626                 t[21].OP=TMSTOP
627                 XV[20].MODE="AUT"
628                 XV[20].CSV=0
629                 wait until (XV[20].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
630                 if (STCGHS.MV01==1) goto TRMNT
631                 BLPH.STATUS[364]=1
632              else
633                [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="PROCESS START","UP CHARGING SEQUENCE","FOR VESSEL-F IS","NOT COMP
            LETED"]
634                BLPH.STATUS[365]=1
635                 XV[20].MODE="AUT"
636                 XV[20].CSV=0
637                 wait until (XV[20].PV==0 or STCGHS.MV01==1);time 10, error TRMNT
638                if (STCGHS.MV01==1) goto TRMNT
639              end if
640         end if
641
642         goto POINT40
643
644
645         !if ((PT[1].PV>=30.0) & (PT[2].PV>=30.0) & (PT[3].PV>=30.0) & (PT[4].PV>=30.0) & (PT[5].PV>=30.0) & (PT[6].PV>=30.0))   then
646         !goto POINT40
647         !else
648         !goto INIT
649         !end if
650
651         TRMNT:
652
653         ! Close all XV valves that are installed on the inlet lines of each H2 Storage Vessel:
654         [BLPH.OPMSG[1],BLPH.OPMSG[2],BLPH.OPMSG[3],BLPH.OPMSG[4]="STARTUP CHARGING"," SEQUENCE FAILED ","DUE TO VLV OR TR","ANSMITTER FAUL
            T "]
655         [XV[4].MODE,XV[8].MODE,XV[11].MODE,XV[14].MODE,XV[17].MODE,XV[20].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
```

```
656        delaycycle 3
657        [XV[4].CSV,XV[8].CSV,XV[11].CSV,XV[14].CSV,XV[17].CSV,XV[20].CSV=0,0,0,0,0,0]
658
659
660        wait until  (XV[4].PV==0 & XV[8].PV==0 & XV[11].PV==0 & XV[14].PV==0 & XV[17].PV==0 & XV[20].PV==0)
661
662
663        !Put the controllers 25-PIC-035/037/040/043/046/049 in Auto mode and force the output to 0BLPH.
664
665        ![PIC[1].MODE,PIC[2].MODE,PIC[3].MODE,PIC[4].MODE,PIC[5].MODE,PIC[6].MODE="CAS","CAS","CAS","CAS","CAS","CAS"]
666        ![PICT[1].MODE,PICT[2].MODE,PICT[3].MODE,PICT[4].MODE,PICT[5].MODE,PICT[6].MODE="AUT","AUT","AUT","AUT","AUT","AUT"]
667        ![PICT[1].SW,PICT[2].SW,PICT[3].SW,PICT[4].SW,PICT[5].SW,PICT[6].SW=2,2,2,2,2,2]
668
669        !Revised logic - instead of AUT & forcing output 0% to MAN & pulse to 0%
670        for i= 1 to 6
671          PIC[i].PSW = 1
672        next@
673
674        wait until (PVZSL[1].PV==1 & PVZSL[2].PV==1 & PVZSL[3].PV==1 & PVZSL[4].PV==1 & PVZSL[5].PV==1 & PVZSL[6].PV==1)
675        BLPH.TRANSIT=13
676
677        POINT40:
678
679        for i=10 to 21
680             t[i].PV=   t[i].PH
681            t[i].OP=TMSTOP
682
683        next@
684
685        BLPH.STUPCHR=0               !USED IN RESEACH MODE RESRTRICTION
686        BLPH.TRANSIT=13
687        !wait until (ENMODE.PV<>10 | BLPH.TRANSIT<>16)
688
689        for i= 1 to 408
690        BLPH.STATUS[i]=0
691        next@
```

Tag Detail (FCS010181RL01   TIMER CTUP ALARMS   )

Basic

Tag Name	FCS010181RL01
Model Name	RL
Tag Comment	TIMER CTUP ALARMS
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001	BLPHSEQ.STATUS[218]	Relational Operation	1	T1AAH
002	BLPHSEQ.STATUS[225]	Relational Operation	1	T1BAH
003	BLPHSEQ.STATUS[232]	Relational Operation	1	T1CAH
004	BLPHSEQ.STATUS[239]	Relational Operation	1	T1DAH
005	BLPHSEQ.STATUS[246]	Relational Operation	1	T1EAH
006	BLPHSEQ.STATUS[253]	Relational Operation	1	T1FAH
007	BLPHSEQ.STATUS[219]	Relational Operation	1	T2AAH
008	BLPHSEQ.STATUS[226]	Relational Operation	1	T2BAH
009	BLPHSEQ.STATUS[233]	Relational Operation	1	T2CAH
010	BLPHSEQ.STATUS[240]	Relational Operation	1	T2DAH
011	BLPHSEQ.STATUS[247]	Relational Operation	1	T2EAH
012	BLPHSEQ.STATUS[254]	Relational Operation	1	T2FAH

Tag Detail (FCS010181ST01   )

Basic

Tag Name	FCS010181ST01
Model Name	ST16
Tag Comment	
Lvl	4

Sequence Tables (FCS010181ST01)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	FCS010181RL01.X01	GE	TIMER CTUP ALARMS	Y								
C02	FCS010181RL01.X02	GE	TIMER CTUP ALARMS	.Y								
C03	FCS010181RL01.X03	GE	TIMER CTUP ALARMS	..Y								
C04	FCS010181RL01.X04	GE	TIMER CTUP ALARMS	...Y								
C05	FCS010181RL01.X05	GE	TIMER CTUP ALARMS		Y							
C06	FCS010181RL01.X06	GE	TIMER CTUP ALARMS		.Y							
C07	FCS010181RL01.X07	GE	TIMER CTUP ALARMS		..Y							
C08	FCS010181RL01.X08	GE	TIMER CTUP ALARMS		...Y							
C09	FCS010181RL01.X09	GE	TIMER CTUP ALARMS			Y						
C10	FCS010181RL01.X10	GE	TIMER CTUP ALARMS			.Y						
C11	FCS010181RL01.X11	GE	TIMER CTUP ALARMS			..Y						
C12	FCS010181RL01.X12	GE	TIMER CTUP ALARMS			...Y						
C13												
C14												
C15												
C16												
C17												
C18												
C19												
C20												
C21												
C22												
C23												
C24												
C25												
C26												
C27												
C28												
C29												
C30												
C31												
C32												
A01	T1AAH.PV	L	VSL-A STARTUP PURG CMPLT	Y								
A02	T1BAH.PV	L	VSL-B STARTUP PURG CMPLT	.Y								
A03	T1CAH.PV	L	VSL-C STARTUP PURG CMPLT	..Y								
A04	T1DAH.PV	L	VSL-D STARTUP PURG CMPLT	...Y								
A05	T1EAH.PV	L	VSL-E STARTUP PURG CMPLT		Y							
A06	T1FAH.PV	L	VSL-F STARTUP PURG CMPLT		.Y							
A07	T2AAH.PV	L	PROCESS STUP CHRG FAIL-A		..Y							
A08	T2BAH.PV	L	PROCESS STUP CHRG FAIL-B		...Y							
A09	T2CAH.PV	L	PROCESS STUP CHRG FAIL-C			Y						
A10	T2DAH.PV	L	PROCESS STUP CHRG FAIL-D			.Y						
A11	T2EAH.PV	L	PROCESS STUP CHRG FAIL-E			..Y						
A12	T2FAH.PV	L	PROCESS STUP CHRG FAIL-F			...Y						
A13												
A14												
A15												
A16												
A17												
A18												
A19												
A20												
A21												
A22												
A23												
A24												
A25												
A26												
A27												
A28												
A29												
A30												
A31												
A32												
PREV			THEN									
NEXT			ELSE									

Tag Detail (87STF002-CL01 FUEL CELL RN STS)

Basic

Tag Name	87STF002-CL01
Model Name	CALCU
Tag Comment	FUEL CELL RN STS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (87STF002-CL01 FUEL CELL RN STS)

Line Number	General-Purpose Calculation Formula
001	alias FCRN 87UI-003.PV
002	alias FCRNST 87STF-002.PV
003	
004	if(FCRN==14 OR FCRN==17 OR FCRN==19)then
005	FCRNST=1
006	else
007	FCRNST=0
008	end if

Tag Detail (SEQPERM17 BLPHSEQ EMERGENCY MODE)

Basic

Tag Name	SEQPERM17
Model Name	_SFCSW
Tag Comment	BLPHSEQ EMERGENCY MODE
Lvl	4
Switch Position Label	RUN,PAUSE,STOP,RUN2
Label	Direct
SFC Sequence	
Alarm Status	USER10
Periodic SEBOL	
SEBOL Execution Type	Timeshare Execution

Data Item Definition (SEQPERM17 BLPHSEQ EMERGENCY MODE)

User Definition

No.	Data item	Data type	Array1	Array2	Comment	Engineering Unit Symbol	Lvl	Display Format	Entry Method
		Display position		Line	Check		High limit value	Low limit value	
001	HR	I16	50	0	HOURS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
002	MIN	I16	50	0	MINS	(None)	3	7.1	Direct Input
		Automatic Determination		0	always				
003	TEST	I16	50	0		(None)	4	7.1	Direct Input
		Automatic Determination		0	always				

System Definition

No.	Data item	Comment	Display position	Line
001	OMOD	OMOD	Default	0
002	CMOD	CMOD	Default	0
003	PREBSTS	PREBSTS	Default	0
004	AFLS	AFLS	Default	0
005	AF	AF	Default	0
006	AOFS	AOFS	Default	0
007	ERRC	ERRC	Default	0
008	ERRE	ERRE	Default	0
009	ERRL	ERRL	Default	0
010	ERRF	ERRF	Default	0
011	STEPNO	STEPNO	Default	0
012	IPHASE	IPHASE	Default	0
013	OPMK	OPMK	Default	0
014	SAID	SAID	Default	0
015	UAID	UAID	Default	0
016	SEMA	SEMA	Default	0
017	ERRS	ERRS	Default	0
018	ERRP	ERRP	Default	0

PROJECT:	BLPH-CW1	FILE NAME:	SEQPERM17.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-65
STATION:	FCS0101	SAVED DATE:	7/12/2025 8:31:47 AM	COMMENT:	BLPHSEQ EMERGENCY MODE		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

Plane List (SEQPERM17 BLPHSEQ EMERGENCY MODE)

No.	Comment	Hierarchy	Parent Number	Operation Type	Parameter
0000		1	0		
0001					
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					
0011					
0012					
0013					
0014					
0015					
0016					
0017					
0018					
0019					
0020					
0021					
0022					
0023					
0024					
0025					
0026					
0027					
0028					
0029					
0030					
0031					

Plane Detail (SEQPERM17 BLPHSEQ EMERGENCY MODE)

Step List

Plane Number: 0 Comment:

Step Number	X	Y	Comment1	Comment2	Comment3	Process Name	Description Method	Generic Name / Tag Name Variable Name	Execution Step	Step Name
1	4	9	Initialization				SEBOL			
2	4	12	EMERGENCY				SEBOL			

Interrupt Step

Plane Number: 0 Comment:

X	Y	Comment	Operation Type	Parameter

Transition List

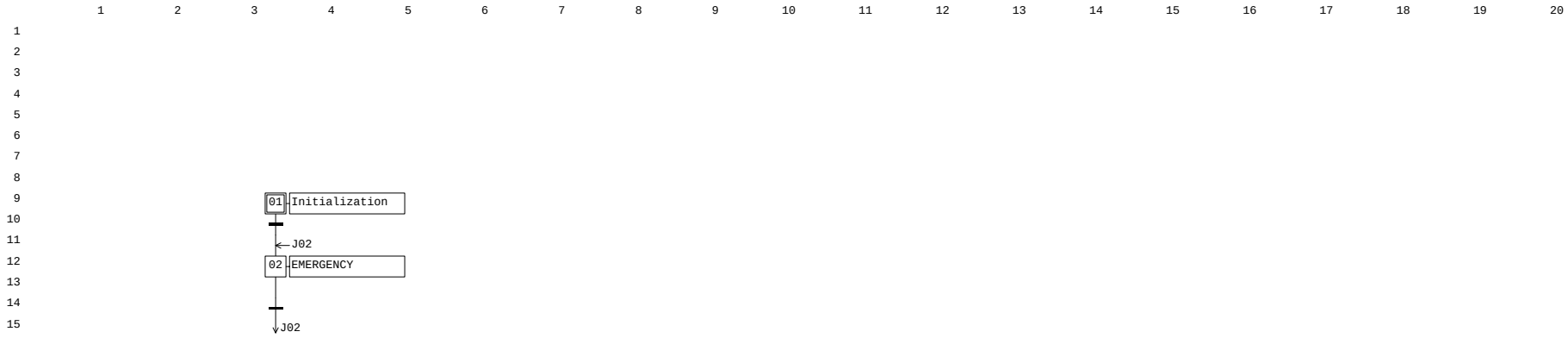
Plane Number: 0 Comment:

X	Y	Comment	Transition Condition
4	10		BLPH.TRANSIT==10
4	14		

PROJECT:	BLPH-CW1	FILE NAME:	SEQPERM17.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-67
STATION:	FCS0101	SAVED DATE:	7/12/2025 8:31:47 AM	COMMENT:	BLPHSEQ EMERGENCY MODE		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

SFC (SEQPERM17 BLPHSEQ EMERGENCY MODE)

Plane Number: 0 Comment:



SEBOL Statement (SEQPERM17 BLPHSEQ EMERGENCY MODE)
Plane Number: 0 Comment:Main Plane

Step Number: 1 Comment:Initialization X: 4 Y: 9

```
Line Number   SEBOL Program
   001        ********************************************************************************
   002        * Project Name      :HOLLANDSE KUST NOORD WIND PARK Project
   003        * Project Number        :1724000594
   004        * Original Author   :Yokogawa
   005        * Original Date     : 20 August 2024
   006        * State No          : 1
   007        * State Name            : INITIALIZATION
   008        * Description       : This phase is for system initialization
   009        *
   010        ********************************************************************************
   011        * Revision History:
   012        *
   013        * Rev#      Date              Author                          Description
   014        * ----     -----           -------               --------------------------
   015        * 0.0                                                  Initial Release
   016        *
   017
   018        ********************************************************************************
   019        *   Global Declarations
   020        ********************************************************************************
   021        #include <std.h>
   022
   023        *Global         genname      BLOCKNAME      EXAMPLE             ! Comment
   024
   025        global             genname        PVI            MODE,ENMODE                ! ELECTROLISER MODE
   026        global             genname        MLD-SW         PMMODE,PICMLD[2]
   027        global             genname        _SFCSW         SEQPM,EXPRTPM,RCRGPM,BLPH       ! SEQUENCE PERMISSIVE
   028        global             genname        %SW            INTSW[21],HOLD             ! INTERNAL BIT
   029        global             genname        %SW            OPRMSG[50]                 ! OPERATOR MESSAGE BIT
   030        global             genname        MC-2E          SWP[2],AUXFC               ! SEA WATER INTAKE PUMP
   031        global             genname        SIO-21E        XV[23]                     ! ON/OFF VALVES
   032        global             genname        SIO-21E        O64SDV,BDV[7],SDV[2]       ! ON/OFF VALVES
   033        global             genname        SI-1E              FWP[2]                   ! fRESH WATER PUMP
   034        global             genname        PVI            SS[4],PT003,PT031A,PT031B  ! SUBSYSTEM SIGNALS
   035        global             genname        TM             TM01                       ! TIMER
   036        global             genname        PVI            PT[8]                      ! PRESSURE TRANSMITTER
   037        global             genname        PID            PIC[8]                     ! PRESSURE CONTROLLER
   038        global             genname        PID            FIC[6]                     ! FLOW CONTROLLER
   039        global             genname        AS-M           PICT[8]                    ! PRESSURE CONTROLLER FORCE CLOSE TRANSFER SWITCH
   040        global             genname        AS-M           FICT[8]                    ! FLOW CONTROLLER FORCE CLOSE TRANSFER SWITCH
   041        global             genname        %SW            PVZSL[8]                   !CLOSED LIMIT SWITCHES
   042        global             genname        %SW            FVZSL[6]                   !CLOSED LIMIT SWITCHES
   043        global             genname        %SW            FLT[3],O70XA,O80XA         !ALARMS
   044        global             genname        TM             t[49],EMGTM01              !TIMERS
   045        global            genname        %AN            TXAAH[6],T1XAAH[6],BSSFLT,GRAD[6] !ALARM
   046        global            genname        DSET           PRSP[2]                    !ALARM
   047        global            genname        PBS5C          STCGHS,CGHS,PSDHS,PMTHS,DCHS,NPHS   !STOP
   048
   049        global integer i,k,SEQFL
   050
   051        ********************************************************************************
   052        *   Assign Variables
   053        ********************************************************************************
   054        assign           "87MODE-002"         to               MODE
   055        assign           "87MODE-003"         to               PMMODE
   056        assign           "87MODE-001"         to               ENMODE
   057
   058        !assign           "87STCGHS-001"       to                STCGHS
   059        !assign           "87CGHS-001"         to                CGHS
   060        !assign           "87PSDHS-001"        to                PSDHS
   061        !assign           "87PMTHS-001"        to                PMTHS
   062        !assign           "87DCHS-001"         to                DCHS
   063        !assign           "64-HS-031"            to                NPHS
   064
   065        assign           "SEQPERM01"          to               SEQPM
   066        assign           "SEQPERM02"          to               EXPRTPM
   067        assign           "SEQPERM05"          to               RCRGPM
   068        assign           "BLPHSEQ"            to                 BLPH
   069
   070        !assign           "P-50001ABGST"       to                INTSW[1]
   071        !assign           "P-50001ABGSP"       to                INTSW[4]
   072        !assign           "WTPAST"             to                INTSW[2]
   073        !assign           "87PERM-0001"          to              INTSW[3] !DO FROM PCS FOR FC
   074        !assign           "ELECSBPM"           to                INTSW[7]
   075        !assign           "ELECSBPM"           to                INTSW[8]
   076        !assign           "EXPRTSEQFL"         to                INTSW[9]
   077        !assign           "FUELCLSTP"          to                INTSW[10]
   078        assign           "87EMG-001"          to               INTSW[11]!  87PERM-0001
   079        !assign           "WTPASP"             to                INTSW[13]
   080        !assign           "AUXELASP"           to                INTSW[14]
   081        assign           "87PERM-0001"        to               INTSW[16]!DO FROM PCS FOR FC
   082        !assign           "87EXP-001"          to                INTSW[17]
   083        assign           "87LDSH-001B"        to                INTSW[18]
```

```
084       assign          "87LDSH-002B"        to             INTSW[19]
085       assign          "87STF-002"          to             INTSW[20]   ! Start fuel cell req from EMCS
086
087       assign          "P-50001A"           to             SWP[1]
088       assign          "P-50001B"           to             SWP[2]
089       assign          "50P-50009A"      to                FWP[1]
090       assign          "50P-50009B"      to                FWP[2]
091       assign         "80A80000"         to                   AUXFC
092
093       assign          "25PY-055A"          to             PICMLD[1]
094       assign          "25PY-055B"          to             PICMLD[2]
095
096       assign         "80A80000"           to                  AUXFC
097
098       !assign          "20XI-7113"         to             SS[1]
099       !assign          "80UI-0043"         to             SS[2]
100
101
102       assign          "BLPHSEQTM01"       to             TM01
103
104       !assign          "50XV-031"          to             XV[3]
105       !assign          "25XV-004"          to             XV[4]
106       !assign          "25XV-008"          to             XV[8]
107       !assign          "25XV-011"          to             XV[11]
108       !assign          "25XV-014"          to             XV[14]
109       !assign          "25XV-017"          to             XV[17]
110       !assign          "25XV-020"          to             XV[20]
111
112       !assign          "25XV-006"          to             XV[6]
113       !assign          "25XV-009"          to             XV[9]
114       !assign          "25XV-012"          to             XV[12]
115       !assign          "25XV-015"          to             XV[15]
116       !assign          "25XV-018"          to             XV[18]
117       !assign          "25XV-021"          to             XV[21]
118       assign           "25XV-024"          to              XV[22]
119        assign          "80XV-001"          to             XV[23]
120
121       assign          "64SDV-001"          to             O64SDV
122
123       assign          "25PI-035"           to             PT[1]
124       assign          "25PI-037"           to             PT[2]
125       assign          "25PI-040"           to             PT[3]
126       assign          "25PI-043"           to             PT[4]
127       assign          "25PI-046"           to             PT[5]
128       assign          "25PI-049"           to             PT[6]
129       assign          "64PI-031A"          to             PT[7]
130       assign          "64PI-031B"          to             PT[8]
131
132       assign          "25PIC-035"          to             PIC[1]
133       assign          "25PIC-037"          to             PIC[2]
134       assign          "25PIC-040"          to             PIC[3]
135       assign          "25PIC-043"          to             PIC[4]
136       assign          "25PIC-046"          to             PIC[5]
137       assign          "25PIC-049"          to             PIC[6]
138       assign          "25PIC-055"         to              PIC[7]
139       assign          "25PIC-055B"         to             PIC[8]
140
141       !assign          "25FIC-031"         to             FIC[1]
142       !assign          "25FIC-032"         to             FIC[2]
143       !assign          "25FIC-033"         to             FIC[3]
144
145
146       !assign          "25FIC-034"         to             FIC[4]
147       !assign          "25FIC-038"         to             FIC[5]
148       !assign          "25FIC-036"         to             FIC[6]
149
150       assign          "25PIC-035ASM"       to             PICT[1]
151       assign          "25PIC-037ASM"       to             PICT[2]
152       assign          "25PIC-040ASM"       to             PICT[3]
153       assign          "25PIC-043ASM"       to             PICT[4]
154       assign          "25PIC-046ASM"       to             PICT[5]
155       assign          "25PIC-049ASM"       to             PICT[6]
156       assign          "25PIC-055AASM"      to             PICT[7]
157       assign          "25PIC-055BASM"      to             PICT[8]
158
159       !assign          "25FIC-031ASM"      to             FICT[1]
160       !assign          "25FIC-032ASM"      to             FICT[2]
161       !assign          "25FIC-033ASM"      to             FICT[3]
162       !assign          "25FIC-034ASM"      to             FICT[4]
163       !assign          "25FIC-038ASM"      to             FICT[5]
164       !assign          "25FIC-036ASM"      to             FICT[6]
165
166       assign          "25ZSL-035"          to             PVZSL[1]
167       assign          "25ZSL-037"          to             PVZSL[2]
168       assign          "25ZSL-040"          to             PVZSL[3]
169       assign          "25ZSL-043"          to             PVZSL[4]
170       assign          "25ZSL-046"          to             PVZSL[5]
171       assign          "25ZSL-049"          to             PVZSL[6]
172       assign          "25ZSL-055A"         to             PVZSL[7]
173       assign          "25ZSL-055B"         to             PVZSL[8]
```

```
174
175
176       !assign          "25ZSL-031"         to              FVZSL[1]
177       !assign          "25ZSL-032"         to              FVZSL[2]
178       !assign          "25ZSL-033"         to              FVZSL[3]
179       !assign          "25ZSL-034"         to              FVZSL[4]
180       !assign          "25ZSL-038"         to              FVZSL[5]
181       !assign          "25ZSL-036"         to              FVZSL[6]
182
183       assign          "25PIC55-DS1"       to              PRSP[1]
184       assign          "25PIC55-DS2"       to              PRSP[2]
185
186       assign          "85XA-003"          to              FLT[1]
187       assign          "70XA-003"          to              O70XA
188       assign          "80XA-003"          to              O80XA
189       assign          "63XA003TAN"        to              FLT[2]  !inst air fault
190       assign          "64XA003TAN"        to              FLT[3]  !Nitrogen gen sys fault
191       assign          "85XA003TAN"        to              BSSFLT  ! BSS fault
192       !assign          "25PI-035GRADAN"    to              GRAD[1]
193       !assign          "25PI-037GRADAN"    to              GRAD[2]
194       !assign          "25PI-040GRADAN"    to              GRAD[3]
195       !assign          "25PI-043GRADAN"    to              GRAD[4]
196       !assign          "25PI-046GRADAN"    to              GRAD[5]
197       !assign          "25PI-049GRADAN"    to              GRAD[6]
198
199
200
201       assign          "87PERMST-001"      to              INTSW[21]
202
203       !assign          "BLPHSEQT01"        to              t[1]
204       !assign          "BLPHSEQT02"        to              t[2]
205       !assign          "BLPHSEQT03"        to              t[3]
206       !assign          "BLPHSEQT04"        to              t[4]
207       !assign          "BLPHSEQT05"        to              t[5]
208       !assign          "BLPHSEQT06"        to              t[6]
209       !assign          "BLPHSEQT07"        to              t[7]
210       !assign          "BLPHSEQT08"        to              t[8]
211       !assign          "BLPHSEQT09"        to              t[9]
212       !assign          "BLPHSEQT10"        to              t[10]
213       !assign          "BLPHSEQT11"        to              t[11]
214       !assign          "BLPHSEQT12"        to              t[12]
215       !assign          "BLPHSEQT13"        to              t[13]
216       !assign          "BLPHSEQT14"        to              t[14]
217       !assign          "BLPHSEQT15"        to              t[15]
218       !assign          "BLPHSEQT16"        to              t[16]
219       !assign          "BLPHSEQT17"        to              t[17]
220       !assign          "BLPHSEQT18"        to              t[18]
221       !assign          "BLPHSEQT19"        to              t[19]
222       !assign          "BLPHSEQT20"        to              t[20]
223       !assign          "BLPHSEQT21"        to              t[21]
224       !assign          "BLPHSEQT22"        to              t[22]
225       !assign          "BLPHSEQT23"        to              t[23]
226       !assign          "BLPHSEQT24"        to              t[24]
227       !assign          "BLPHSEQT25"        to              t[25]
228       !assign          "BLPHSEQT26"        to              t[26]
229       !assign          "BLPHSEQT27"        to              t[27]
230       !assign          "BLPHSEQT28"        to              t[28]
231       !assign          "BLPHSEQT29"        to              t[29]
232       !assign          "BLPHSEQT30"        to              t[30]
233       !assign          "BLPHSEQT31"        to              t[31]
234       !assign          "BLPHSEQT32"        to              t[32]
235       !assign          "BLPHSEQT33"        to              t[33]
236       !assign          "BLPHSEQT34"        to              t[34]
237       !assign          "BLPHSEQT35"        to              t[35]
238       !assign          "BLPHSEQT36"        to              t[36]
239       !assign          "BLPHSEQT37"        to              t[37]
240       !assign          "BLPHSEQT38"        to              t[38]
241       !assign          "BLPHSEQT39"        to              t[39]
242       !assign          "BLPHSEQT40"        to              t[40]
243       !assign          "BLPHSEQT41"        to              t[41]
244       !assign          "BLPHSEQT42"        to              t[42]
245       !assign          "BLPHSEQT43"        to              t[43]
246       !assign          "BLPHSEQT44"        to              t[44]
247       !assign          "BLPHSEQT45"        to              t[45]
248       !assign          "BLPHSEQT46"        to              t[46]
249       !assign          "BLPHSEQT47"        to              t[47]
250       !assign          "BLPHSEQT48"        to              t[48]
251       assign          "BLPHSEQT49"        to              t[49]
252       assign          "BLPHSEQTM01"       to              EMGTM01
253
254
255       !assign          "T3AAH"             to              TXAAH[1]
256       !assign          "T3BAH"             to              TXAAH[2]
257       !assign          "T3CAH"             to              TXAAH[3]
258       !assign          "T3DAH"             to              TXAAH[4]
259       !assign          "T3EAH"             to              TXAAH[5]
260       !assign          "T3FAH"             to              TXAAH[6]
261
262       !assign          "T5AAH"             to              T1XAAH[1]
263       !assign          "T5BAH"             to              T1XAAH[2]
```

```
264       !assign          "T5CAH"            to            T1XAAH[3]
265       !assign          "T5DAH"            to            T1XAAH[4]
266       !assign          "T5EAH"            to            T1XAAH[5]
267       !assign          "T5FAH"            to            T1XAAH[6]
268
269       assign          "25BDV-005"         to            BDV[1]
270       assign          "25BDV-007"         to            BDV[2]
271       assign          "25BDV-010"         to            BDV[3]
272       assign          "25BDV-013"         to            BDV[4]
273       assign          "25BDV-016"         to            BDV[5]
274       assign          "25BDV-019"         to            BDV[6]
275       assign          "25BDV-022"         to            BDV[7]
276       assign          "25SDV-001"         to            SDV[1]
277       assign          "25SDV-023"         to            SDV[2]
278
279       assign          "63PI-003"          to            PT003
280       assign          "64PI-031A"         to            PT031A
281       assign          "64PI-031B"         to            PT031B
282
283
284       !---------------------------------------------------------------
285       assign          "OPMSG-1"      to              OPRMSG[1]
286       assign          "OPMSG-2"      to              OPRMSG[2]
287       assign          "OPMSG-3"      to              OPRMSG[3]
288       assign          "OPMSG-4"      to              OPRMSG[4]
289       assign          "OPMSG-5"      to              OPRMSG[5]
290       assign          "OPMSG-6"      to              OPRMSG[6]
291       assign          "OPMSG-7"      to              OPRMSG[7]
292       assign          "OPMSG-8"      to              OPRMSG[8]
293       assign          "OPMSG-9"      to              OPRMSG[9]
294       assign          "OPMSG-10"     to              OPRMSG[10]
295
296       !---------------------------------------------------------------
297       *for i=1 to 400
298       *%.STATUS[i]=0
299       *next@


Step Number: 2     Comment:EMERGENCY                                          X:  4  Y: 12

Line Number   SEBOL Program
   001        float PRS[20]
   002        !From process point of view in the "Emergency Mode (Island)" the Fuel cells package is required
   003        !to run and the logic will do the following:
   004        !1) EMCS requires to PCS enter in "Emergency Mode (Island)".
   005        !2) BESS NO FAULT
   006        !3) PCS sends to EMCS the "Permissive to start" for "Emergency mode"
   007        !4) EMCS sends to PCS the "Command to Load shedding 1" that consists of:
   008        !PCS Stop Sea water Pumps
   009        !PCS Stop Water Treatment system
   010        !PCS Stop Auxiliary Electrolyser
   011        !EMCS sends to PCS the "Start request" for Fuel Cell package.
   012
   013        !If ( ESDTRP.PV==1 ) then
   014        !goto BOTTOM
   015        !End if
   016
   017
   018
   019        WAIT UNTIL (MODE.PV == 7) !WAIT FOR EMERGENCY
   020
   021        BLPH.STATE="EMERGENCY ISLAND"
   022
   023        !INTSW[16].PV=0 !WE DON'T HAVE TO RESET PERMISSION TO FUEL CELL
   024        !INTSW[11].PV=0 !IF WE PUT PERMISSION TO ZERO, LOAD SHEDDING WILL NOT RUN
   025        delay 5000
   026
   027        If( INTSW[18].PV==1)then        !Load shed 1
   028                BLPH.STATUS[93]=1
   029        Else
   030                BLPH.STATUS[93]=0
   031        End if
   032
   033        If( INTSW[19].PV==1)then    !   Load Shed 2
   034                BLPH.STATUS[110]=1
   035        Else
   036                BLPH.STATUS[110]=0
   037        End if
   038        wait until (INTSW[18].PV==1 or INTSW[19].PV==1)
   039
   040        !--------------------EMCS sends to PCS the "Command to Load shedding 1 and 2"----------------------------
   041
   042
   043        * If (SWP[1].PV==2 AND SWP[2].PV==2) then
   044        *   BLPH.STATUS[94]=1                 !SEA WATER INTAKE PUMP  Input signal SS[3] need to receive from EMCS
   045        * Else
   046        *   BLPH.STATUS[94]=0
   047        * End if
   048
```

```
049        * If (FWP[1].PV==2 AND FWP[2].PV==2) then  !WTP AUTO STOP FROM PCS
050        *   BLPH.STATUS[95]=1
051        * Else
052        *   BLPH.STATUS[95]=1
053        * End if
054
055        * If( AUXFC.PV==1)then
056        *   BLPH.STATUS[96]=1
057        * Else
058        *   BLPH.STATUS[96]=0
059        * End if
060
061        *wait until (INTSW[20].PV==1)
062        *------EMCS sends to PCS the "Start request" for Fuel Cell package------------
063        *        If (INTSW[20].PV==1) then       !Start request received from EMCS
064        *           BLPH.STATUS[97]=1
065        *       Else
066        *       BLPH.STATUS[97]=0
067        *       End if
068
069        !EMGTM01.OP=TMSTAT
070        repeat
071        !Point 6 to Point 14 in monitoring Sequence
072
073        !10) Since both valves 25PV055A/B shall be in closed position (mandatory) following actions shall be taken (see par. 4.4.10):
074        !Put both controllers 25-PIC-055A/B in Auto mode and force the output to 0%.
075        !Time to close the valves is 15 sec
076        !The feedback statuses are 25-ZSL-055A and 25-ZSL-055B. When the feedback statuses are active then proceed with below point.
077
078        !---All BDV valves in closed position, the feedback statuses are 25-ZSL-005/007/010/013/016/019/022.--------------------
079
080        If   (BDV[1].PV==2 & BDV[2].PV==2 & BDV[3].PV==2 &  BDV[4].PV==2 & BDV[5].PV==2 & BDV[6].PV==2 & BDV[7].PV==2) then
081        BLPH.STATUS[98]=1
082        Else
083        BLPH.STATUS[98]=0
084        End if
085
086        !---Shutdown valves 25-SDV-001 and 25-SDV-023 in open position, the feedback statuses are 25-ZSH-001 and 25-ZSH-023.-----
087
088        If   (SDV[1].PV==2 & SDV[2].PV==2) then
089        BLPH.STATUS[99]=1
090        Else
091        BLPH.STATUS[99]=0
092        End if
093
094        !-----------------Shutdown valve 64-SDV-001 in closed position, the feedback status is 64-ZSL-001.----------------------
095
096        If (O64SDV.PV==0) then
097        BLPH.STATUS[100]=1
098        Else
099        BLPH.STATUS[100]=0
100        End if
101
102        !----On-Off valves 25-XV-024 and 80-XV-001 in closed position, the feedback statuses are 25-ZSL-024 and 80-ZSL-001.---------
103
104        If (XV[22].PV==0 & XV[23].PV==0) then
105        BLPH.STATUS[101]=1
106        Else
107        BLPH.STATUS[101]=0
108        End if
109
110        !-------------------------Air system Healthy State:-------------------------------------------------------------------------
111        *1)Instrument Air packages NOT FAULT
112        *2)Pressure transmitter outlet from IA package 63-PT-003>=7 barg
113
114        If (FLT[2].PV==0) then
115        BLPH.STATUS[102]=1
116        Else
117        BLPH.STATUS[102]=0
118        End if
119
120        PRS[1]=(PT003.PV*(dscheck(PT003.#PV,"BAD")==0))
121
122        If (PRS[1]>=4.5) then
123        BLPH.STATUS[103]=1
124        Else
125        BLPH.STATUS[103]=0
126        End if
127
128
129        !-------------------------N2 system Healthy State:--------------------------------------------------------------------------
130        *1) Nitrogen packages NOT FAULT
131        *2) Pressure transmitters outlet from Nitrogen package 64-PT-031A>=7 barg or 64-PT-031B>=7 barg.
132
133        If (FLT[3].PV==0) then
134        BLPH.STATUS[104]=1
135        Else
136        BLPH.STATUS[104]=0
137        End if
138
```

```
        PRS[2]=(PT031A.PV*(dscheck(PT031A.#PV,"BAD")==0))
        PRS[3]=(PT031B.PV*(dscheck(PT031B.#PV,"BAD")==0))

        If (PRS[2]>=4.0 | PRS[3]>=4.0) then
         BLPH.STATUS[105]=1
        Else
         BLPH.STATUS[105]=0
        End if

        !---------------H2 storage not full (check at least one pressure transmitter on H2 storage vessels is > 20 barg):--------------
        *1) 25-PT-035
        *2) 25-PT-037
        *3) 25-PT-040
        *4) 25-PT-043
        *5) 25-PT-046
        *6) 25-PT-049


        If ((dscheck(PT[1].#PV,"BAD")==0) & (PT[1].PV>=10.0) | (dscheck(PT[2].#PV,"BAD")==0) & (PT[2].PV>=10.0)\
                        | (dscheck(PT[3].#PV,"BAD")==0) & (PT[3].PV>=10.0) | (dscheck(PT[4].#PV,"BAD")==0) & (PT[4].PV>=10.0)\
                        | (dscheck(PT[5].#PV,"BAD")==0) & (PT[5].PV>=10.0) | (dscheck(PT[6].#PV,"BAD")==0) & (PT[6].PV>=10.0))   then
         BLPH.STATUS[106]=1
        Else
         BLPH.STATUS[106]=0
        End if


        !---------------Put Both Controllers 25-PIC-055A&B in Auto mode and Force the Output 0%--------------


        !Revised logic given by RM-24/06/25

        PICMLD[1].MODE = "AUT"

        PIC[7].PSW = 1                                                          ! 25PIC-055 Controller in Manual And Output to 0%

        PICMLD[2].PSW = 1                                                       ! 25PY-055B Manually closed to 0 %

        Wait until  (PVZSL[7].PV==1 & PVZSL[8].PV==1)

        If (PVZSL[7].PV==1 & PVZSL[8].PV==1) then
         BLPH.STATUS[107]=1
        Else
         BLPH.STATUS[107]=0
        End if



        !-----No fault on fuel cell-------------------------
        If (O80XA.PV==1) then
        BLPH.STATUS[108]=1
        Else
        BLPH.STATUS[108]=0
        End if


        !-----BESS No fault-------------------------

        If (BSSFLT.PV==0) then
        BLPH.STATUS[91]=1
        Else
        BLPH.STATUS[91]=0
        End if

        !-----------------------------------------------------
        !Remove the forced output 0% of the controllers 25-PIC-055A/B and fix the set point to 6 barg .(for this logic see par.4.4.10)

        ![PIC[7].MODE,PICT[7].MODE,PICT[7].SW="AUT","AUT",1]
        ![PIC[8].MODE,PICT[8].MODE,PICT[8].SW="AUT","AUT",1]
        ![PIC[7].MODE,PICT[7].MODE,PICT[7].SW="AUT","AUT",1]
        !PRSP[1].SV=6.0
        !PRSP[2].SV =6.0
        !PIC[8].MODE = "AUT"
        ![PICT[8].MODE,PICT[8].SW="AUT",1]
        !Revised logic given by RM-24/06/25

        !Remove the forced output 0% of the controllers 25-PIC-055A/B and fix the set point to 6 barg .(for this logic see par.4.4.10)

        PICMLD[2].PMV = 15.0
        PICMLD[2].PSW = 3

        Wait Until (PIC[7].PV >= 6.9)

        PICMLD[2].PSW = 1
        PIC[7].MODE = "CAS"

        BLPH.STATUS[109]=1


        !-----BESS No fault-------------------------
```

```
229
230         If (BSSFLT.PV==0) then
231          BLPH.STATUS[91]=1
232         Else
233          BLPH.STATUS[91]=0
234         End if
235
236
237         !-------------------------------Permissive to start "Process Discharge Mode"-----------------------------------------
238
239         If (BLPH.STATUS[91]==1 & BLPH.STATUS[98]==1 & BLPH.STATUS[99]==1 & BLPH.STATUS[100]==1 & BLPH.STATUS[101]==1 & BLPH.STATUS[102]==1
            \
240          & BLPH.STATUS[103]==1 & BLPH.STATUS[104]==1 & BLPH.STATUS[105]==1 & BLPH.STATUS[106]==1 & BLPH.STATUS[107]==1 & BLPH.STATUS[108]=
            =1 & BLPH.STATUS[109]==1) then
241         INTSW[16].PV=1
242         BLPH.STATUS[111]=1
243         Else
244         INTSW[16].PV=0
245         BLPH.STATUS[111]=0
246
247         End if
248
249         until@ ((EMGTM01.BSTS=="CTUP" | INTSW[16].PV==1) AND MODE.PV==7 )
250
251         If (t[49].BSTS<>"NR") then
252         t[49].PH=BLPH.DLY[49]
253         t[49].OP=TMSTAT
254
255
256         End if
257         !_____________________________________________________________________________________________________________
258
259         While(MODE.PV==7 | t[49].BSTS=="NR")
260         If (BLPH.STATUS[91]==0 | BLPH.STATUS[98]==0 | BLPH.STATUS[99]==0 | BLPH.STATUS[100]==0 | BLPH.STATUS[101]==0 | BLPH.STATUS[102]==1
            \
261          & BLPH.STATUS[103]==0 | BLPH.STATUS[104]==0 | BLPH.STATUS[105]==0 | BLPH.STATUS[106]==0 | BLPH.STATUS[107]==0 | BLPH.STATUS[108]=
            =0 | BLPH.STATUS[109]==0)then
262         !---------------------------Stop Aux's FC---------------------
263                         AUXFC.MODE="AUT"
264                         AUXFC.CSV=0
265         wait until (AUXFC.PV==0); Time 3
266         !---------------------------Close the PIC-055A/B----------------------
267         ![PIC[7].MODE,PICT[7].MODE,PICT[7].SW="AUT","AUT",2]
268         ![PIC[8].MODE,PICT[8].MODE,PICT[8].SW="AUT","AUT",2]
269
270         ![PIC[7].MODE,PICT[7].MODE,PICT[7].SW="AUT","AUT",2]
271         !PIC[8].MODE = "AUT"
272         ![PICT[8].MODE,PICT[8].SW="AUT",2]
273
274         !Revised logic given by RM-24/06/25
275
276         PIC[1].PSW = 1                                                          ! 25PIC-055 Controller in Manual And Output to 0%
277
278         !wait until (PVZSL[7].PV==1 & PVZSL[8].PV==1); Time 20
279
280         wait until (PVZSL[7].PV==1)                                     !25PY-055B valve controlled by Manual
281
282
283                 If (PVZSL[7].PV==1 ) then
284                     BLPH.STATUS[107]=1
285                 Else
286                     BLPH.STATUS[107]=0
287                 End if
288
289         End if
290         wend
291
292         wait until (MODE.PV<>7 |t[49].BSTS=="CTUP" | EMGTM01.BSTS=="CTUP")
293         t[49].PH=t[49].PV
294         EMGTM01.OP=TMSTOP
295
296         !BOTTOM:
```

Tag Detail (25PI-LC01 25 PI ALRM SUPPRESS)

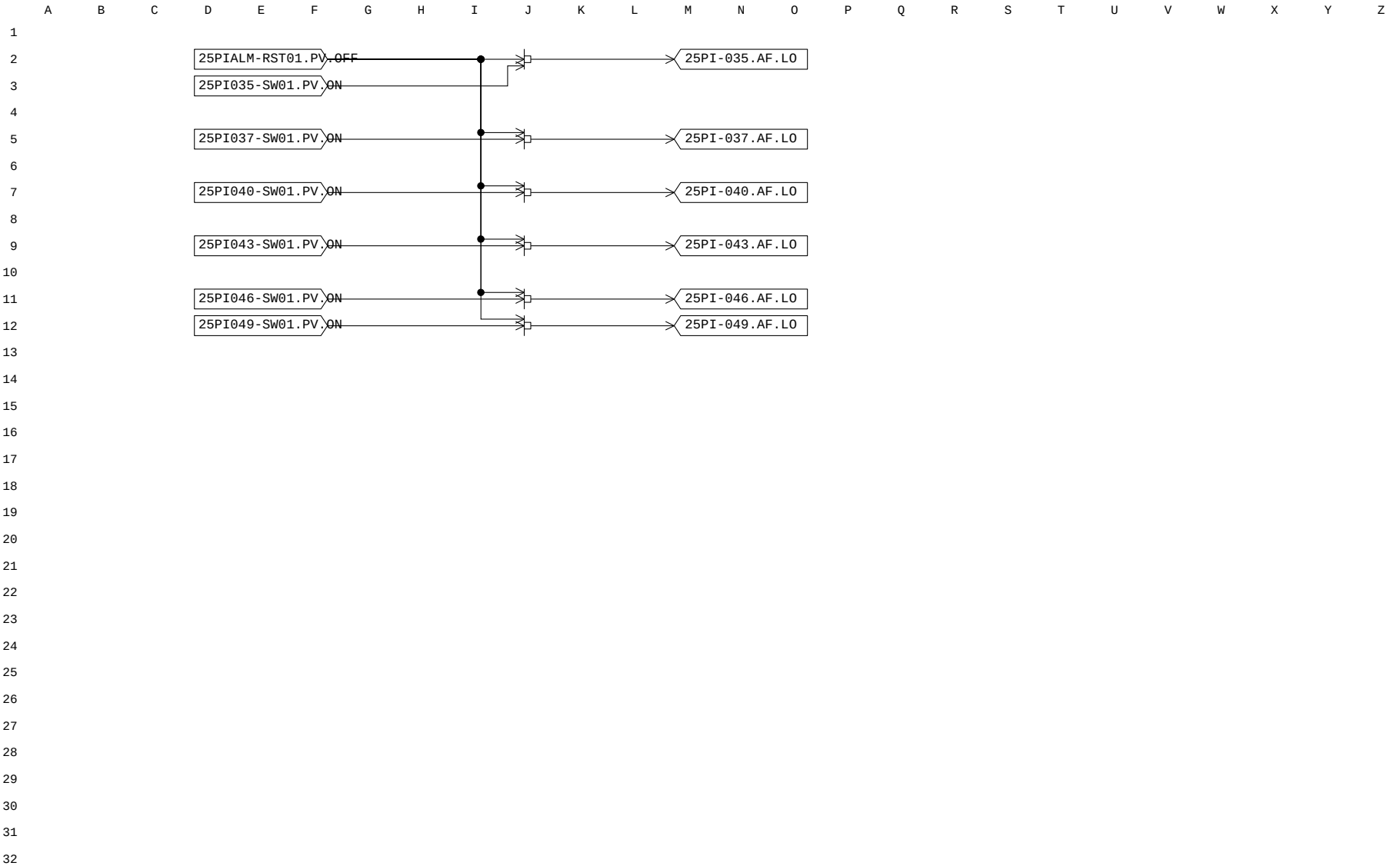
Basic

Tag Name	25PI-LC01
Model Name	LC64-E
Tag Comment	25 PI ALRM SUPPRESS
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	25PI-LC01.edf	SHEET:		YOKOGAWA	PAGE:3-25-25-75
STATION:	FCS0101	SAVED DATE:	7/11/2025 11:15:46 AM	COMMENT:	25 PI ALRM SUPPRESS		
SECTION:	DR0081	PRINTED DATE:	9/15/2025	DRAWER:			

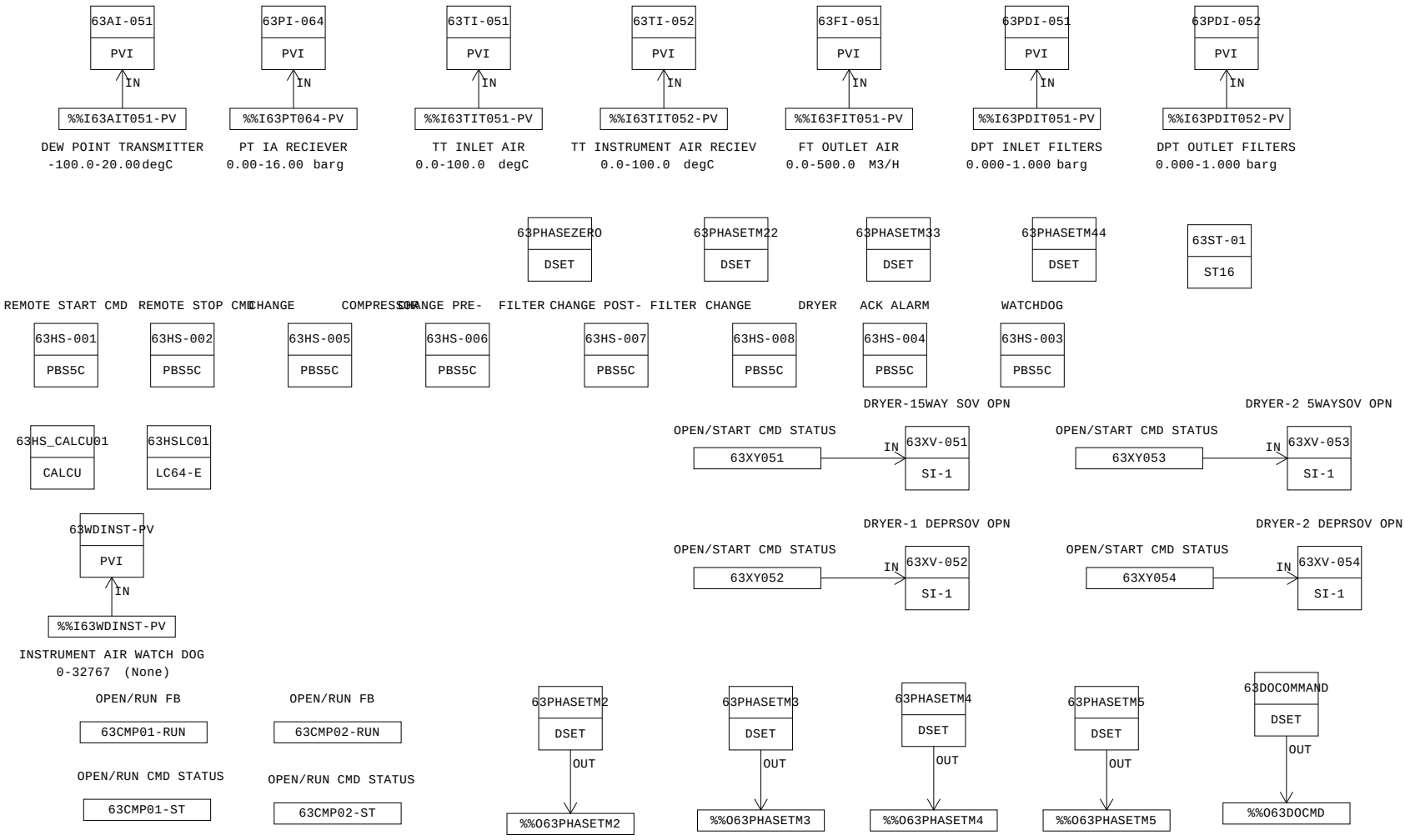
Logic Chart (25PI-LC01 25 PI ALRM SUPPRESS)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————————
Reverse Direction Wiring	————————



PROJECT:	BLPH-CW1	FILE NAME:	DR0101.edf	SHEET:		YOKOGAWA	PAGE:3-25-26-1
STATION:	FCS0101	SAVED DATE:	5/7/2025 2:47:05 AM	COMMENT:	IA SUBSYSTEM		
SECTION:	DR0101	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0101| BLPH-CW | IA SUB SYSTEM]



Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP008_001	TYP008	2024/11/15 22:31	CMD FROM PCS
002	TYP008_002	TYP008	2024/11/15 22:31	CMD FROM PCS
003	TYP008_003	TYP008	2024/11/15 22:31	CMD FROM PCS
004	TYP008_004	TYP008	2024/11/15 22:31	CMD FROM PCS

PROJECT:	BLPH-CW1	FILE NAME:	DR0101.edf	SHEET:		YOKOGAWA	PAGE:3-25-26-3
STATION:	FCS0101	SAVED DATE:	5/7/2025 2:47:05 AM	COMMENT:	IA SUBSYSTEM		
SECTION:	DR0101	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:IA SUBSYSTEM

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	63PI-064	PVI	PT IA RECIEVER	0.00	16.00	barg	Communication Input	No	%%I63PT064-PV
						4			
002	63TI-051	PVI	TT INLET AIR	0.0	100.0	degC	Communication Input	No	%%I63TIT051-PV
						4			
003	63TI-052	PVI	TT INSTRUMENT AIR RECIEV	0.0	100.0	degC	Communication Input	No	%%I63TIT052-PV
						4			
004	63FI-051	PVI	FT OUTLET AIR	0.0	500.0	M3/H	Communication Input	No	%%I63FIT051-PV
						4			
005	63PDI-052	PVI	DPT OUTLET FILTERS	0.000	1.000	barg	Communication Input	No	%%I63PDIT052-PV
						4			
006	63PDI-051	PVI	DPT INLET FILTERS	0.000	1.000	barg	Communication Input	No	%%I63PDIT051-PV
						4			
007	63XV-051	SI-1	DRYER-15WAY SOV OPN	0	0				63XY051
						4			
008	63XV-052	SI-1	DRYER-1 DEPRSOV OPN	0	0				63XY052
						4			
009	63AI-051	PVI	DEW POINT TRANSMITTER	-100.0	20.00	degC	Communication Input	No	%%I63AIT051-PV
						4			
010	63XV-054	SI-1	DRYER-2 DEPRSOV OPN	0	0				63XY054
						4			
011	63XV-053	SI-1	DRYER-2 5WAYSOV OPN	0	0				63XY053
						4			
012	63PHASETM2	DSET		0	240000	%			
		%%O63PHASETM2				4			
013	63PHASETM3	DSET		0	65535	%			
		%%O63PHASETM3				4			
014	63PHASETM4	DSET		0	65535	%			
		%%O63PHASETM4				4			
015	63PHASETM5	DSET		0	65535	%			
		%%O63PHASETM5				4			
016	63PHASEZERO	DSET		0	50000	%			
						4			
017	63PHASETM22	DSET		0	50000	%			
						4			
018	63PHASETM33	DSET		0	50000	%			
						4			
019	63PHASETM44	DSET		0	50000	%			
						4			
020	63DOCOMMAND	DSET		0	65535	%			
		%%O63DOCMD				4			
021	63HS-001	PBS5C	REMOTE START CMD	0	0				
						3			
022	63HS-002	PBS5C	REMOTE STOP CMD	0	0				
						3			
023	63HS-005	PBS5C	CHANGE COMPRESSOR	0	0				
						3			
024	63HS-006	PBS5C	CHANGE PRE- FILTER	0	0				
						3			
025	63HS-007	PBS5C	CHANGE POST- FILTER	0	0				
						3			
026	63HS-008	PBS5C	CHANGE DRYER	0	0				
						3			
027	63HSLC01	LC64-E		0	0				
						4			

028	63HS_CALCU01	CALCU		0.0	100.0	%	4	No	No	
029	63HS-004	PBS5C	ACK ALARM	0	0		3			
030	63ST-01	ST16		0	0		4			
031	63HS-003	PBS5C	WATCHDOG	0	0		3			
032	63WDINST-PV	PVI	INSTRUMENT AIR WATCH DOG	0	32767	(None)	4	Communication Input	No	%%I63WDINST-PV

Tag Detail (63PI-064 PT IA RECIEVER)

Basic

Tag Name	63PI-064
Model Name	PVI
Tag Comment	PT IA RECIEVER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63TI-051 TT INLET AIR)

Basic

Tag Name	63TI-051
Model Name	PVI
Tag Comment	TT INLET AIR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63TI-052 TT INSTRUMENT AIR RECIEV)

Basic

Tag Name	63TI-052
Model Name	PVI
Tag Comment	TT INSTRUMENT AIR RECIEV
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63FI-051 FT OUTLET AIR)

Basic

Tag Name	63FI-051
Model Name	PVI
Tag Comment	FT OUTLET AIR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63PDI-052 DPT OUTLET FILTERS)

Basic

Tag Name	63PDI-052
Model Name	PVI
Tag Comment	DPT OUTLET FILTERS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63PDI-051 DPT INLET FILTERS)

Basic

Tag Name	63PDI-051
Model Name	PVI
Tag Comment	DPT INLET FILTERS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63XV-051 DRYER-15WAY SOV OPN)

Basic

Tag Name	63XV-051
Model Name	SI-1
Tag Comment	DRYER-15WAY SOV OPN
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (63XV-052 DRYER-1 DEPRSOV OPN)

Basic

Tag Name	63XV-052
Model Name	SI-1
Tag Comment	DRYER-1 DEPRSOV OPN
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (63AI-051 DEW POINT TRANSMITTER)

Basic

Tag Name	63AI-051
Model Name	PVI
Tag Comment	DEW POINT TRANSMITTER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63XV-054 DRYER-2 DEPRSOV OPN)

Basic

Tag Name	63XV-054
Model Name	SI-1
Tag Comment	DRYER-2 DEPRSOV OPN
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (63XV-053 DRYER-2 5WAYSOV OPN)

Basic

Tag Name	63XV-053
Model Name	SI-1
Tag Comment	DRYER-2 5WAYSOV OPN
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (63PHASETM2)

Basic

Tag Name	63PHASETM2
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (63PHASETM3)

Basic

Tag Name	63PHASETM3
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (63PHASETM4)

Basic

Tag Name	63PHASETM4
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (63PHASETM5)

Basic

Tag Name	63PHASETM5
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (63PHASEZERO)

Basic

Tag Name	63PHASEZERO
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (63PHASETM22)

Basic

Tag Name	63PHASETM22
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (63PHASETM33)

Basic

Tag Name	63PHASETM33
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (63PHASETM44)

Basic

Tag Name	63PHASETM44
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (63DOCOMMAND)

Basic

Tag Name	63DOCOMMAND
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (63HS-001 REMOTE START CMD)

Basic

Tag Name	63HS-001
Model Name	PBS5C
Tag Comment	REMOTE START CMD
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	63HS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	63HS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	START	START	Gray	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (63HS-002 REMOTE STOP CMD)

Basic

Tag Name	63HS-002
Model Name	PBS5C
Tag Comment	REMOTE STOP CMD
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	63HS-002.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	63HS-002.MV01

Operation Command 2 Connection Destination
Operation Command 3 Connection Destination
Operation Command 4 Connection Destination
Operation Command 5 Connection Destination
Interlock Switch Input

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	STOP	STOP	Red	Gray
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (63HS-005 CHANGE COMPRESSOR)

Basic

Tag Name	63HS-005
Model Name	PBS5C
Tag Comment	CHANGE COMPRESSOR
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	63HS-005.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	63HS-005.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	CHG-COMP	CHG-COMP	Gray	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (63HS-006 CHANGE PRE- FILTER)

Basic

Tag Name	63HS-006
Model Name	PBS5C
Tag Comment	CHANGE PRE- FILTER
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	63HS-006.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	63HS-006.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	PRE-FLTR	PRE-FLTR	Gray	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (63HS-007 CHANGE POST- FILTER)

Basic

Tag Name	63HS-007
Model Name	PBS5C
Tag Comment	CHANGE POST- FILTER
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	63HS-007.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	63HS-007.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No. Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001 Button with Lamp	POSTFLTR	POSTFLTR	Gray	Red
002 Not used	OFF	ON	White	Red
003 Not used	OFF	ON	White	Red
004 Not used	OFF	ON	White	Red
005 Not used	OFF	ON	White	Red

Tag Detail (63HS-008 CHANGE DRYER)

Basic

Tag Name	63HS-008
Model Name	PBS5C
Tag Comment	CHANGE DRYER
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	63HS-008.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	63HS-008.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No. Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001 Button with Lamp	CHG-COMP	CHG-COMP	Gray	Red
002 Not used	OFF	ON	White	Red
003 Not used	OFF	ON	White	Red
004 Not used	OFF	ON	White	Red
005 Not used	OFF	ON	White	Red

Tag Detail (63HSLC01)

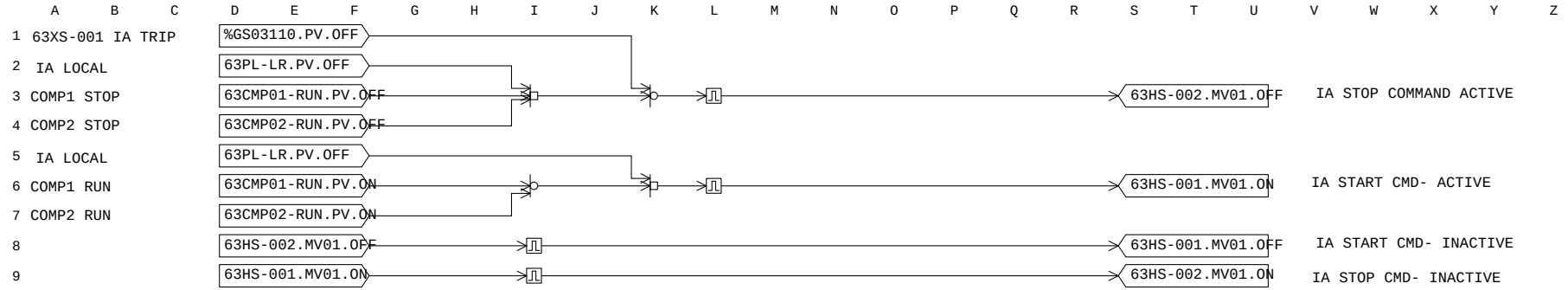
Basic

Tag Name	63HSLC01
Model Name	LC64-E
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	63HSLC01.edf	SHEET:		YOKOGAWA	PAGE:3-25-26-11
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:18 AM	COMMENT:			
SECTION:	DR0101	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (63HSLC01)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (63HS_CALCU01)

Basic

Tag Name	63HS_CALCU01
Model Name	CALCU
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (63HS_CALCU01)

Line Number	General-Purpose Calculation Formula
001	alias RMST 63HS-001.MV01
002	alias RMSP 63HS-002.MV01
003	alias WTD 63HS-003.MV01
004	alias ACKN 63HS-004.MV01
005	alias CCMP 63HS-005.MV01
006	alias PRFT 63HS-006.MV01
007	alias POFT 63HS-007.MV01
008	alias CDRY 63HS-008.MV01
009	alias CMD1 63DOCOMMAND.SV
010	integer i,j,k
011	
012	!IF(CDRY==1)then
013	!CMD1=32768
014	!else if(POFT==1)then
015	!CMD1=16384
016	!else if(PRFT==1)then
017	!CMD1=8192
018	!else if(ACKN==1)then
019	!CMD1=2048
020	!else if(RMSP==1)then
021	!CMD1=512
022	!else if(RMST==1)then
023	!CMD1=256
024	!else
025	!CMD1=0
026	!end if
027	
028	
029	
030	CPV1= (RMST*256+RMSP*512+WTD*1024+ACKN*2048+CCMP*4096+PRFT*8192+POFT*16384+CDRY*32786)
031	CMD1=CPV1
032	
033	
034	
035	

Tag Detail (63HS-004 ACK ALARM)

Basic

Tag Name	63HS-004
Model Name	PBS5C
Tag Comment	ACK ALARM
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	63HS-004.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	63HS-004.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	ACKN	ACKN	Gray	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (63ST-01)

Basic

Tag Name	63ST-01
Model Name	ST16
Tag Comment	
Lvl	4

Sequence Tables (63ST-01)

Start Timing	Periodic Execution Type(T)
Output Timing	Output Only When Conditions Change(C)
Scan Period	Basic Scan
Control Period	1
Control Phase	0

No.	Tag name.Data item	Data	RuleNo. StepNo. Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C02				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C03				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C04				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C05				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C06				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C07				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C08				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C09				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C10				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C11				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C12				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C13				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C14				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C15				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C16				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C17				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C18				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C19				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C20				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C21				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C22				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C23				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C24				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C25				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C26				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C27				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C28				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C29				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C30				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C31				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
C32				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A01				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A02				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A03				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A04				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A05				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A06				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A07				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A08				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A09				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A10				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A11				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A12				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A13				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A14				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A15				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A16				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A17				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A18				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A19				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A20				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A21				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A22				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A23				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A24				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A25				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A26				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A27				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A28				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A29				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A30				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A31				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
A32				. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
PREV			THEN	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	
NEXT			ELSE	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	

Tag Detail (63HS-003 WATCHDOG)

Basic

Tag Name	63HS-003
Model Name	PBS5C
Tag Comment	WATCHDOG
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	63HS-003.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	63HS-003.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	OFF	ON	Gray	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

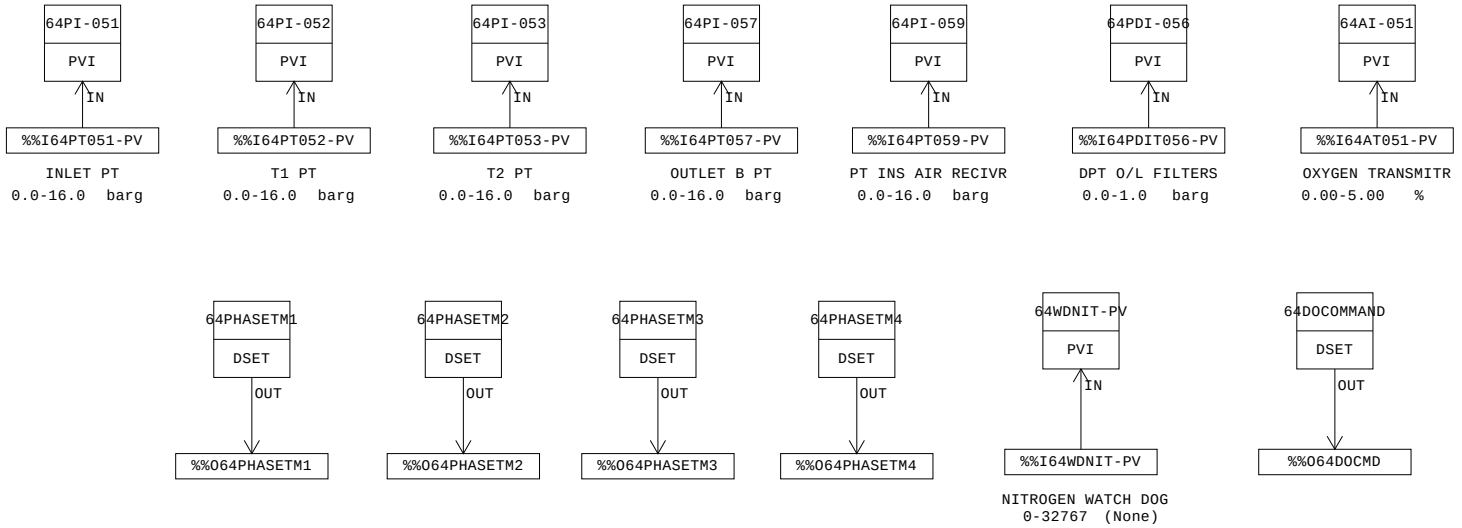
Tag Detail (63WDINST-PV INSTRUMENT AIR WATCH DOG)

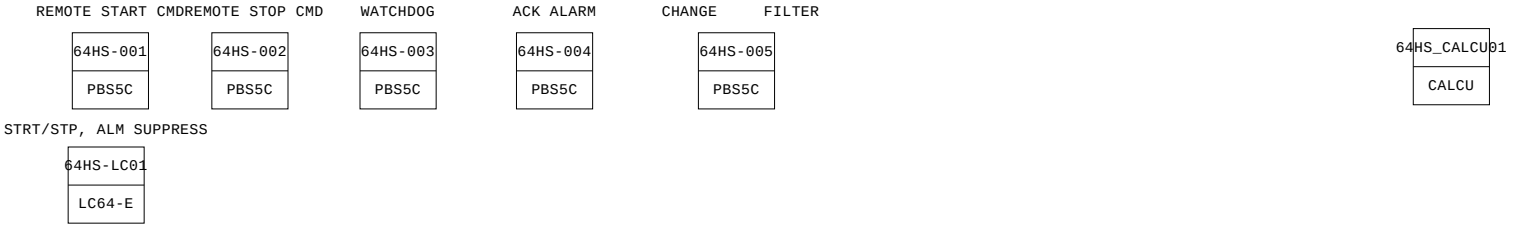
Basic

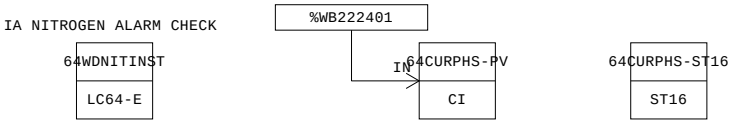
Tag Name	63WDINST-PV
Model Name	PVI
Tag Comment	INSTRUMENT AIR WATCH DOG
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0102.edf	SHEET:		YOKOGAWA	PAGE:3-25-27-1
STATION:	FCS0101	SAVED DATE:	5/26/2025 6:00:06 AM	COMMENT:	N2 SUBSYSTEM		
SECTION:	DR0102	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0102 | BLPH-CW | N2 SUB SYSTEM]







PROJECT:	BLPH-CW1	FILE NAME:	DR0102.edf	SHEET:		YOKOGAWA	PAGE:3-25-27-2
STATION:	FCS0101	SAVED DATE:	5/26/2025 6:00:06 AM	COMMENT:	N2 SUBSYSTEM		
SECTION:	DR0102	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:N2 SUBSYSTEM

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	64PI-051	PVI	INLET PT	0.0	16.0	barg	Communication Input	No	%%I64PT051-PV
						4			
002	64PI-052	PVI	T1 PT	0.0	16.0	barg	Communication Input	No	%%I64PT052-PV
						4			
003	64PI-053	PVI	T2 PT	0.0	16.0	barg	Communication Input	No	%%I64PT053-PV
						4			
004	64PI-057	PVI	OUTLET B PT	0.0	16.0	barg	Communication Input	No	%%I64PT057-PV
						4			
005	64PI-059	PVI	PT INS AIR RECIVR	0.0	16.0	barg	Communication Input	No	%%I64PT059-PV
						4			
006	64PDI-056	PVI	DPT O/L FILTERS	0.0	1.0	barg	Communication Input	No	%%I64PDIT056-PV
						4			
007	64AI-051	PVI	OXYGEN TRANSMITR	0.00	5.00	%	Communication Input	No	%%I64AT051-PV
						4			
008	64PHASETM1	DSET		0	50000	%			
		%%O64PHASETM1				4			
009	64PHASETM2	DSET		0	50000	%			
		%%O64PHASETM2				4			
010	64PHASETM3	DSET		0	50000	%			
		%%O64PHASETM3				4			
011	64PHASETM4	DSET		0	50000	%			
		%%O64PHASETM4				4			
012	64HS-001	PBS5C	REMOTE START CMD	0	0				
						3			
013	64HS-002	PBS5C	REMOTE STOP CMD	0	0				
						3			
014	64HS-005	PBS5C	CHANGE FILTER	0	0				
						3			
015	64HS-004	PBS5C	ACK ALARM	0	0				
						3			
016	64HS-003	PBS5C	WATCHDOG	0	0				
						3			
017	64HS-LC01	LC64-E	STRT/STP, ALM SUPPRESS	0	0				
						4			
018	64HS_CALCU01	CALCU		0.0	100.0	%	No	No	
						4			
019	64DOCOMMAND	DSET		0	65535	%			
		%%O64DOCMD				4			
020	64WDNIT-PV	PVI	NITROGEN WATCH DOG	0	32767	(None)	Communication Input	No	%%I64WDNIT-PV
						4			
021	64WDNITINST	LC64-E	IA NITROGEN ALARM CHECK	0	0				
						4			
022	64CURPHS-PV	CI		0	0				%WB222401
						4			
023	64CURPHS-ST16	ST16		0	0				
						4			

Tag Detail (64PI-051 INLET PT)

Basic

Tag Name	64PI-051
Model Name	PVI
Tag Comment	INLET PT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64PI-052 T1 PT)

Basic

Tag Name	64PI-052
Model Name	PVI
Tag Comment	T1 PT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64PI-053 T2 PT)

Basic

Tag Name	64PI-053
Model Name	PVI
Tag Comment	T2 PT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64PI-057 OUTLET B PT)

Basic

Tag Name	64PI-057
Model Name	PVI
Tag Comment	OUTLET B PT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64PI-059 PT INS AIR RECIVR)

Basic

Tag Name	64PI-059
Model Name	PVI
Tag Comment	PT INS AIR RECIVR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64PDI-056 DPT O/L FILTERS)

Basic

Tag Name	64PDI-056
Model Name	PVI
Tag Comment	DPT O/L FILTERS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64AI-051 OXYGEN TRANSMITR)

Basic

Tag Name	64AI-051
Model Name	PVI
Tag Comment	OXYGEN TRANSMITR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64PHASETM1)

Basic

Tag Name	64PHASETM1
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (64PHASETM2)

Basic

Tag Name	64PHASETM2
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (64PHASETM3)

Basic

Tag Name	64PHASETM3

Model Name DSET
Tag Comment
Lvl 4
Scan Period Basic Scan

Tag Detail (64PHASETM4)

Basic
Tag Name 64PHASETM4
Model Name DSET
Tag Comment
Lvl 4
Scan Period Basic Scan

Tag Detail (64HS-001 REMOTE START CMD)

Basic
Tag Name 64HS-001
Model Name PBS5C
Tag Comment REMOTE START CMD
Lvl 3
Scan Period Basic Scan
Connection Information
Block Mode Connection Target
Block Status Connection Target
Alarm Status Connection Target
Connection Destination of Switch Status 1 64HS-001.MV01
Connection Destination of Switch Status 2
Connection Destination of Switch Status 3
Connection Destination of Switch Status 4
Connection Destination of Switch Status 5
Operation Command 1 Connection Destination 64HS-001.MV01
Operation Command 2 Connection Destination
Operation Command 3 Connection Destination
Operation Command 4 Connection Destination
Operation Command 5 Connection Destination
Interlock Switch Input

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	START	START	Gray	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (64HS-002 REMOTE STOP CMD)

Basic
Tag Name 64HS-002
Model Name PBS5C
Tag Comment REMOTE STOP CMD
Lvl 3
Scan Period Basic Scan
Connection Information
Block Mode Connection Target
Block Status Connection Target
Alarm Status Connection Target
Connection Destination of Switch Status 1 64HS-002.MV01
Connection Destination of Switch Status 2
Connection Destination of Switch Status 3
Connection Destination of Switch Status 4
Connection Destination of Switch Status 5
Operation Command 1 Connection Destination 64HS-002.MV01
Operation Command 2 Connection Destination
Operation Command 3 Connection Destination
Operation Command 4 Connection Destination
Operation Command 5 Connection Destination
Interlock Switch Input

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	STOP	STOP	Red	Gray
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (64HS-005 CHANGE FILTER)

Basic

Tag Name	64HS-005
Model Name	PBS5C
Tag Comment	CHANGE FILTER
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	64HS-005.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	64HS-005.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	CHG-COMP	CHG-COMP	Gray	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (64HS-004 ACK ALARM)

Basic

Tag Name	64HS-004
Model Name	PBS5C
Tag Comment	ACK ALARM
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	64HS-004.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	64HS-004.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	ACKN	ACKN	Gray	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (64HS-003 WATCHDOG)

Basic

Tag Name	64HS-003
Model Name	PBS5C
Tag Comment	WATCHDOG
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	64HS-003.MV01
Connection Destination of Switch Status 2	

Connection Destination of Switch Status 3
Connection Destination of Switch Status 4
Connection Destination of Switch Status 5
Operation Command 1 Connection Destination 64HS-003.MV01
Operation Command 2 Connection Destination
Operation Command 3 Connection Destination
Operation Command 4 Connection Destination
Operation Command 5 Connection Destination
Interlock Switch Input

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	OFF	ON	Gray	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (64HS-LC01 STRT/STP, ALM SUPPRESS)

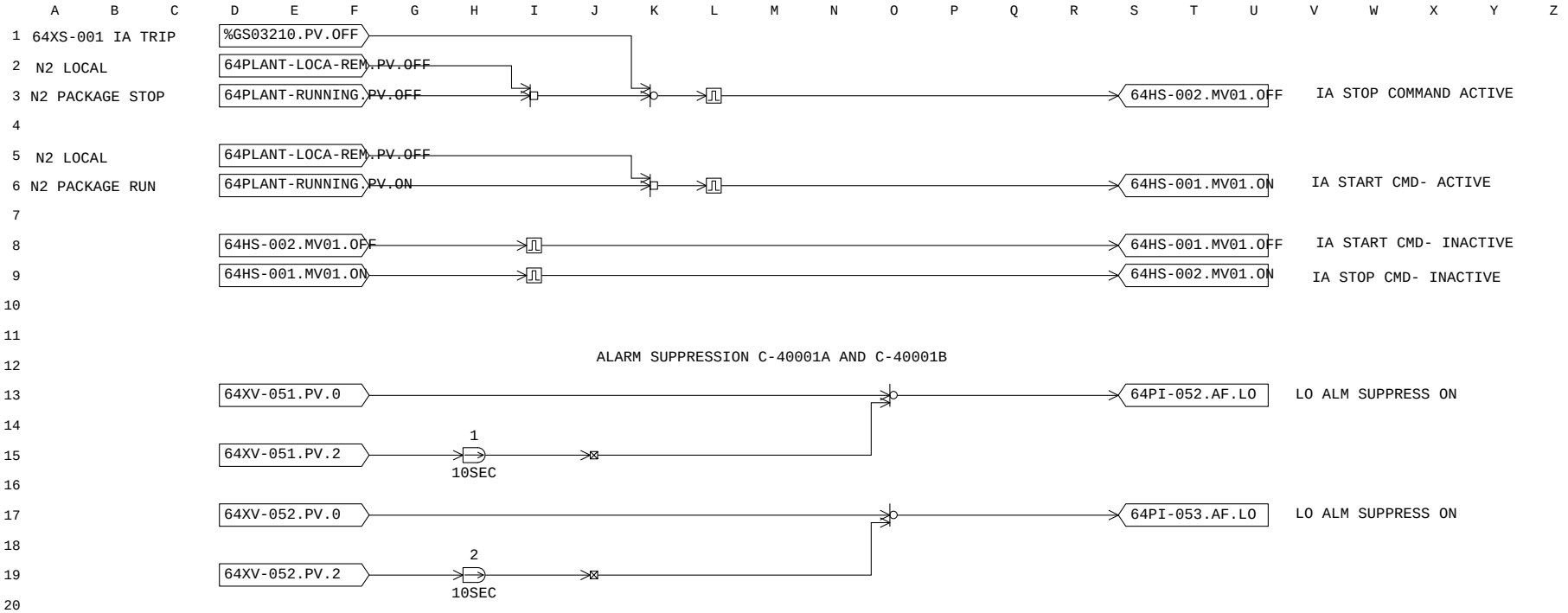
Basic

Tag Name	64HS-LC01
Model Name	LC64-E
Tag Comment	STRT/STP, ALM SUPPRESS
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	64HS-LC01.edf	SHEET:		YOKOGAWA	PAGE:3-25-27-8
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:21 AM	COMMENT:	STRT/STP, ALM SUPPRESS		
SECTION:	DR0102	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (64HS-LC01 STRT/STP, ALM SUPPRESS)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (64HS_CALCU01)

Basic

Tag Name	64HS_CALCU01
Model Name	CALCU
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (64HS_CALCU01)

Line Number	General-Purpose Calculation Formula
001	alias RMST 64HS-001.MV01
002	alias RMSP 64HS-002.MV01
003	alias WTD 64HS-003.MV01
004	alias ACKN 64HS-004.MV01
005	alias CWFLT 64HS-005.MV01
006	alias CMD1 64DOCOMMAND.SV
007	
008	
009	
010	CMD1=(RMST*256+RMSP*512+ACKN*2048+CWFLT*4096+WTD*8192)
011	CPV=CMD1
012	
013	
014	
015	

Tag Detail (64DOCOMMAND)

Basic

Tag Name	64DOCOMMAND
Model Name	DSET
Tag Comment	
Lvl	4
Scan Period	Basic Scan

Tag Detail (64WDNIT-PV NITROGEN WATCH DOG)

Basic

Tag Name	64WDNIT-PV
Model Name	PVI
Tag Comment	NITROGEN WATCH DOG
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (64WDNITINST IA NITROGEN ALARM CHECK)

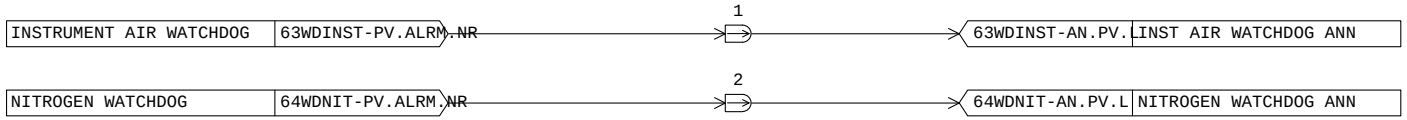
Basic

Tag Name	64WDNITINST
Model Name	LC64-E
Tag Comment	IA NITROGEN ALARM CHECK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	64WDNITINST.edf	SHEET:		YOKOGAWA	PAGE:3-25-27-12
STATION:	FCS0101	SAVED DATE:	5/9/2025 10:07:37 AM	COMMENT:	IA NITROGEN ALARM CHECK		
SECTION:	DR0102	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (64WDNITINST IA NITROGEN ALARM CHECK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————————
Reverse Direction Wiring	————————



Tag Detail (64CURPHS-PV)

Basic

Tag Name	64CURPHS-PV
Model Name	CI
Tag Comment	
Lvl	4
Number of Bits Input	16
Code Conversion	No
Bit Inversion	No Invert

Tag Detail (64CURPHS-ST16)

Basic

Tag Name	64CURPHS-ST16
Model Name	ST16
Tag Comment	
Lvl	4

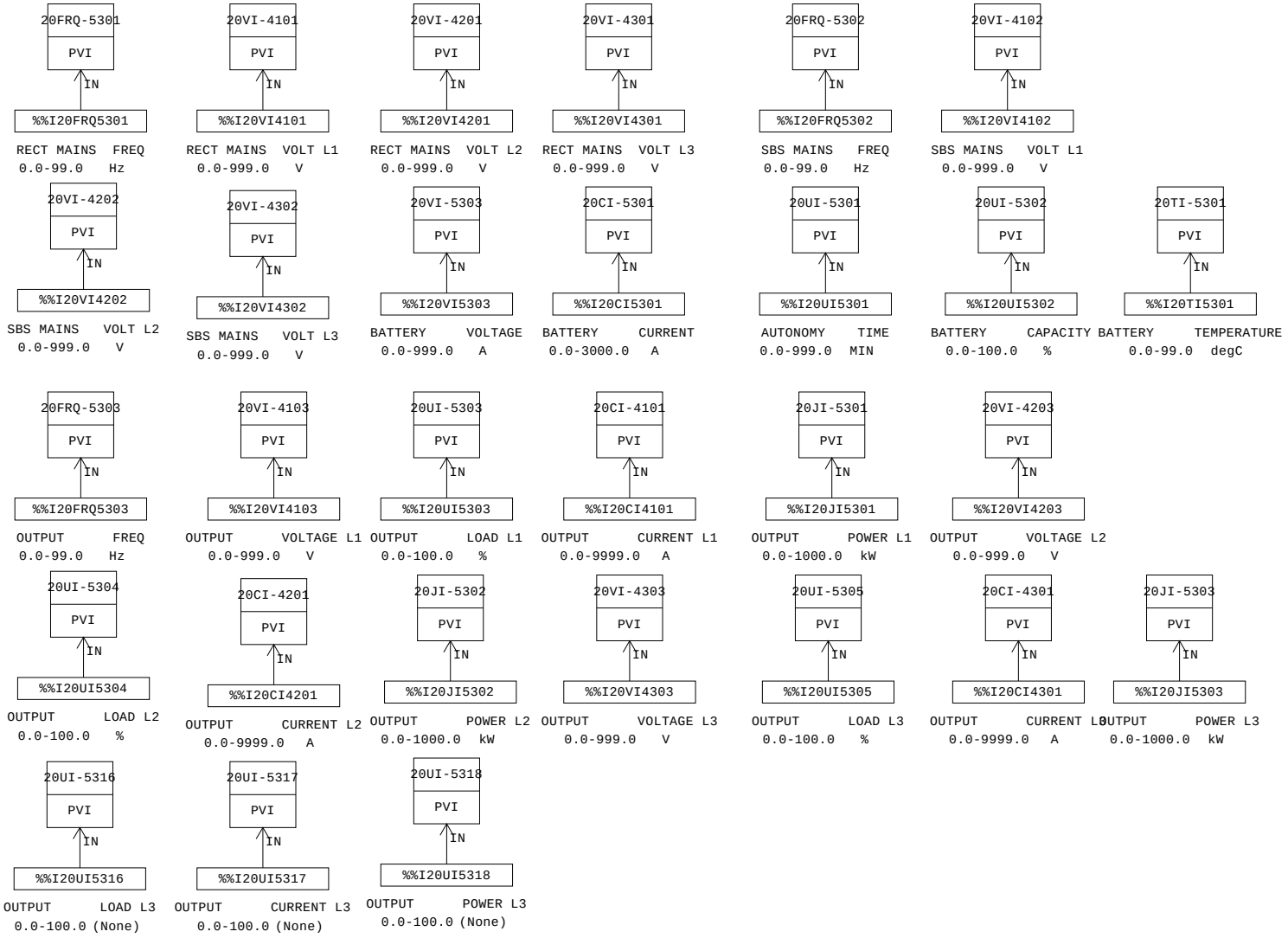
Sequence Tables (64CURPHS-ST16)

Start Timing	Periodic Execution Type(T)
Output Timing	Output Each Time Conditions are Satisfied(E)
Scan Period	Basic Scan
Control Period	1
Control Phase	0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	Comment
C01					
C02					
C03					
C04					
C05					
C06					
C07					
C08					
C09					
C10					
C11					
C12					
C13					
C14					
C15					
C16					
C17					
C18					
C19					
C20					
C21					
C22					
C23					
C24					
C25					
C26					
C27					
C28					
C29					
C30					
C31					
C32					
A01	64CURPHS-PV.ACT	ON		Y	
A02					
A03					
A04					
A05					
A06					
A07					
A08					
A09					
A10					
A11					
A12					
A13					
A14					
A15					
A16					
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A18					
A19					
A20					
A21					
A22					
A23					
A24					
A25					
A26					
A27					
A28					
A29					
A30					
A31					
A32					
	PREV		THEN		
	NEXT		ELSE		

PROJECT:	BLPH-CW1	FILE NAME:	DR0103.edf	SHEET:		YOKOGAWA	PAGE:3-25-28-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:24 AM	COMMENT:	200 F3 PAS UPS-A		
SECTION:	DR0103	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0103 | BLPH-CW | PVI SUBSYSTEM - BLPH UPS]



PROJECT:	BLPH-CW1	FILE NAME:	DR0103.edf	SHEET:		YOKOGAWA	PAGE:3-25-28-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:24 AM	COMMENT:	200 F3 PAS UPS-A		
SECTION:	DR0103	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:200 F3 PAS UPS-A

No.	Tag Name	Model Name	Tag Comment		Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection			Set Value Input Connection Information		Lvl			
001	20FRQ-5301	PVI	RECT MAINS	FREQ	0.0	99.0	Hz	Communication Input	Hour	%%I20FRQ5301
							4			
002	20VI-4101	PVI	RECT MAINS	VOLT L1	0.0	999.0	V	Communication Input	Hour	%%I20VI4101
							4			
003	20VI-4201	PVI	RECT MAINS	VOLT L2	0.0	999.0	V	Communication Input	Hour	%%I20VI4201
							4			
004	20VI-4301	PVI	RECT MAINS	VOLT L3	0.0	999.0	V	Communication Input	Hour	%%I20VI4301
							4			
005	20FRQ-5302	PVI	SBS MAINS	FREQ	0.0	99.0	Hz	Communication Input	Hour	%%I20FRQ5302
							4			
006	20VI-4102	PVI	SBS MAINS	VOLT L1	0.0	999.0	V	Communication Input	Hour	%%I20VI4102
							4			
007	20VI-4202	PVI	SBS MAINS	VOLT L2	0.0	999.0	V	Communication Input	Hour	%%I20VI4202
							4			
008	20VI-4302	PVI	SBS MAINS	VOLT L3	0.0	999.0	V	Communication Input	Hour	%%I20VI4302
							4			
009	20CI-5301	PVI	BATTERY	CURRENT	0.0	3000.0	A	Communication Input	Hour	%%I20CI5301
							4			
010	20VI-5303	PVI	BATTERY	VOLTAGE	0.0	999.0	A	Communication Input	Hour	%%I20VI5303
							4			
011	20UI-5302	PVI	BATTERY	CAPACITY	0.0	100.0	%	Communication Input	Hour	%%I20UI5302
							4			
012	20UI-5301	PVI	AUTONOMY	TIME	0.0	999.0	MIN	Communication Input	Hour	%%I20UI5301
							4			
013	20TI-5301	PVI	BATTERY	TEMPERATURE	0.0	99.0	degC	Communication Input	Hour	%%I20TI5301
							4			
014	20FRQ-5303	PVI	OUTPUT	FREQ	0.0	99.0	Hz	Communication Input	Hour	%%I20FRQ5303
							4			
015	20VI-4103	PVI	OUTPUT	VOLTAGE L1	0.0	999.0	V	Communication Input	Hour	%%I20VI4103
							4			
016	20UI-5303	PVI	OUTPUT	LOAD L1	0.0	100.0	%	Communication Input	Hour	%%I20UI5303
							4			
017	20CI-4101	PVI	OUTPUT	CURRENT L1	0.0	9999.0	A	Communication Input	Hour	%%I20CI4101
							4			
018	20JI-5301	PVI	OUTPUT	POWER L1	0.0	1000.0	kW	Communication Input	Hour	%%I20JI5301
							4			
019	20VI-4203	PVI	OUTPUT	VOLTAGE L2	0.0	999.0	V	Communication Input	Hour	%%I20VI4203
							4			
020	20UI-5304	PVI	OUTPUT	LOAD L2	0.0	100.0	%	Communication Input	Hour	%%I20UI5304
							4			
021	20CI-4201	PVI	OUTPUT	CURRENT L2	0.0	9999.0	A	Communication Input	Hour	%%I20CI4201
							4			
022	20VI-4303	PVI	OUTPUT	VOLTAGE L3	0.0	999.0	V	Communication Input	Hour	%%I20VI4303
							4			
023	20JI-5302	PVI	OUTPUT	POWER L2	0.0	1000.0	kW	Communication Input	Hour	%%I20JI5302
							4			
024	20CI-4301	PVI	OUTPUT	CURRENT L3	0.0	9999.0	A	Communication Input	Hour	%%I20CI4301
							4			
025	20UI-5305	PVI	OUTPUT	LOAD L3	0.0	100.0	%	Communication Input	Hour	%%I20UI5305
							4			
026	20JI-5303	PVI	OUTPUT	POWER L3	0.0	1000.0	kW	Communication Input	Hour	%%I20JI5303
							4			
027	20UI-5317	PVI	OUTPUT	CURRENT L3	0.0	100.0	(None)	Communication Input	Hour	%%I20UI5317
							4			

028	20UI-5316	PVI	OUTPUT	LOAD L3	0.0	100.0	(None) 4	Communication Input	Hour	%%I20UI5316
029	20UI-5318	PVI	OUTPUT	POWER L3	0.0	100.0	(None) 4	Communication Input	Hour	%%I20UI5318

Tag Detail (20FRQ-5301 RECT MAINS FREQ)

Basic

Tag Name	20FRQ-5301
Model Name	PVI
Tag Comment	RECT MAINS FREQ
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4101 RECT MAINS VOLT L1)

Basic

Tag Name	20VI-4101
Model Name	PVI
Tag Comment	RECT MAINS VOLT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4201 RECT MAINS VOLT L2)

Basic

Tag Name	20VI-4201
Model Name	PVI
Tag Comment	RECT MAINS VOLT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4301 RECT MAINS VOLT L3)

Basic

Tag Name	20VI-4301
Model Name	PVI
Tag Comment	RECT MAINS VOLT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20FRQ-5302 SBS MAINS FREQ)

Basic

Tag Name	20FRQ-5302
Model Name	PVI
Tag Comment	SBS MAINS FREQ
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4102 SBS MAINS VOLT L1)

Basic

Tag Name	20VI-4102
Model Name	PVI
Tag Comment	SBS MAINS VOLT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4202 SBS MAINS VOLT L2)

Basic

Tag Name	20VI-4202
Model Name	PVI
Tag Comment	SBS MAINS VOLT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4302 SBS MAINS VOLT L3)

Basic

Tag Name	20VI-4302
Model Name	PVI
Tag Comment	SBS MAINS VOLT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-5301 BATTERY CURRENT)

Basic

Tag Name	20CI-5301

Model Name	PVI
Tag Comment	BATTERY CURRENT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-5303 BATTERY VOLTAGE)

Basic

Tag Name	20VI-5303
Model Name	PVI
Tag Comment	BATTERY VOLTAGE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5302 BATTERY CAPACITY)

Basic

Tag Name	20UI-5302
Model Name	PVI
Tag Comment	BATTERY CAPACITY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5301 AUTONOMY TIME)

Basic

Tag Name	20UI-5301
Model Name	PVI
Tag Comment	AUTONOMY TIME
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20TI-5301 BATTERY TEMPERATURE)

Basic

Tag Name	20TI-5301
Model Name	PVI
Tag Comment	BATTERY TEMPERATURE

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20FRQ-5303 OUTPUT FREQ)

Basic

Tag Name	20FRQ-5303
Model Name	PVI
Tag Comment	OUTPUT FREQ
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4103 OUTPUT VOLTAGE L1)

Basic

Tag Name	20VI-4103
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5303 OUTPUT LOAD L1)

Basic

Tag Name	20UI-5303
Model Name	PVI
Tag Comment	OUTPUT LOAD L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-4101 OUTPUT CURRENT L1)

Basic

Tag Name	20CI-4101
Model Name	PVI
Tag Comment	OUTPUT CURRENT L1
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20JI-5301 OUTPUT POWER L1)

Basic

Tag Name	20JI-5301
Model Name	PVI
Tag Comment	OUTPUT POWER L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4203 OUTPUT VOLTAGE L2)

Basic

Tag Name	20VI-4203
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5304 OUTPUT LOAD L2)

Basic

Tag Name	20UI-5304
Model Name	PVI
Tag Comment	OUTPUT LOAD L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-4201 OUTPUT CURRENT L2)

Basic

Tag Name	20CI-4201
Model Name	PVI
Tag Comment	OUTPUT CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4303 OUTPUT VOLTAGE L3)

Basic

Tag Name	20VI-4303
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20JI-5302 OUTPUT POWER L2)

Basic

Tag Name	20JI-5302
Model Name	PVI
Tag Comment	OUTPUT POWER L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-4301 OUTPUT CURRENT L3)

Basic

Tag Name	20CI-4301
Model Name	PVI
Tag Comment	OUTPUT CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5305 OUTPUT LOAD L3)

Basic

Tag Name	20UI-5305
Model Name	PVI
Tag Comment	OUTPUT LOAD L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input

Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20JI-5303 OUTPUT POWER L3)

Basic

Tag Name	20JI-5303
Model Name	PVI
Tag Comment	OUTPUT POWER L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5317 OUTPUT CURRENT L3)

Basic

Tag Name	20UI-5317
Model Name	PVI
Tag Comment	OUTPUT CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5316 OUTPUT LOAD L3)

Basic

Tag Name	20UI-5316
Model Name	PVI
Tag Comment	OUTPUT LOAD L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5318 OUTPUT POWER L3)

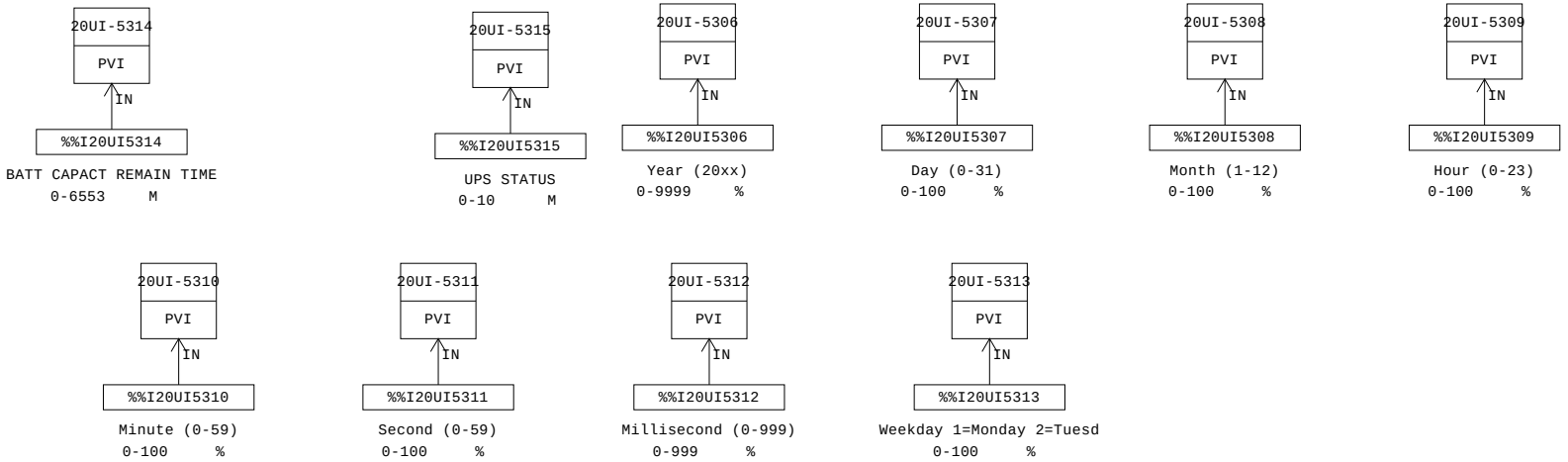
Basic

Tag Name	20UI-5318
Model Name	PVI
Tag Comment	OUTPUT POWER L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000

Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

PROJECT:	BLPH-CW1	FILE NAME:	DR0104.edf	SHEET:		YOKOGAWA	PAGE:3-25-29-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:26 AM	COMMENT:	200F3 PAS UPS-A		
SECTION:	DR0104	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0104| BLPH-CW | PVI SUBSYSTEM - BLPH UPS]



PROJECT:	BLPH-CW1	FILE NAME:	DR0104.edf	SHEET:		YOKOGAWA	PAGE:3-25-29-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:26 AM	COMMENT:	200F3 PAS UPS-A		
SECTION:	DR0104	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:200F3 PAS UPS-A

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	20UI-5306	PVI	Year (20xx)	0	9999	%	Communication Input	Hour	%%I20UI5306
						4			
002	20UI-5307	PVI	Day (0-31)	0	100	%	Communication Input	Hour	%%I20UI5307
						4			
003	20UI-5308	PVI	Month (1-12)	0	100	%	Communication Input	Hour	%%I20UI5308
						4			
004	20UI-5309	PVI	Hour (0-23)	0	100	%	Communication Input	Hour	%%I20UI5309
						4			
005	20UI-5310	PVI	Minute (0-59)	0	100	%	Communication Input	Hour	%%I20UI5310
						4			
006	20UI-5311	PVI	Second (0-59)	0	100	%	Communication Input	Hour	%%I20UI5311
						4			
007	20UI-5312	PVI	Millisecond (0-999)	0	999	%	Communication Input	Hour	%%I20UI5312
						4			
008	20UI-5313	PVI	Weekday 1=Monday 2=Tuesd	0	100	%	Communication Input	Hour	%%I20UI5313
						4			
009	20UI-5314	PVI	BATT CAPACT REMAIN TIME	0	6553	M	Communication Input	Hour	%%I20UI5314
						4			
010	20UI-5315	PVI	UPS STATUS	0	10	M	Communication Input	Hour	%%I20UI5315
						4			

Tag Detail (20UI-5306 Year (20xx))

Basic

Tag Name	20UI-5306
Model Name	PVI
Tag Comment	Year (20xx)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5307 Day (0-31))

Basic

Tag Name	20UI-5307
Model Name	PVI
Tag Comment	Day (0-31)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5308 Month (1-12))

Basic

Tag Name	20UI-5308
Model Name	PVI
Tag Comment	Month (1-12)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5309 Hour (0-23))

Basic

Tag Name	20UI-5309
Model Name	PVI
Tag Comment	Hour (0-23)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5310 Minute (0-59))

Basic

Tag Name	20UI-5310
Model Name	PVI
Tag Comment	Minute (0-59)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5311 Second (0-59))

Basic

Tag Name	20UI-5311
Model Name	PVI
Tag Comment	Second (0-59)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5312 Millisecond (0-999))

Basic

Tag Name	20UI-5312
Model Name	PVI
Tag Comment	Millisecond (0-999)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5313 Weekday 1=Monday 2=Tuesd)

Basic

Tag Name	20UI-5313
Model Name	PVI
Tag Comment	Weekday 1=Monday 2=Tuesd
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5314 BATT CAPACT REMAIN TIME)

Basic

Tag Name	20UI-5314

Model Name	PVI
Tag Comment	BATT CAPACT REMAIN TIME
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

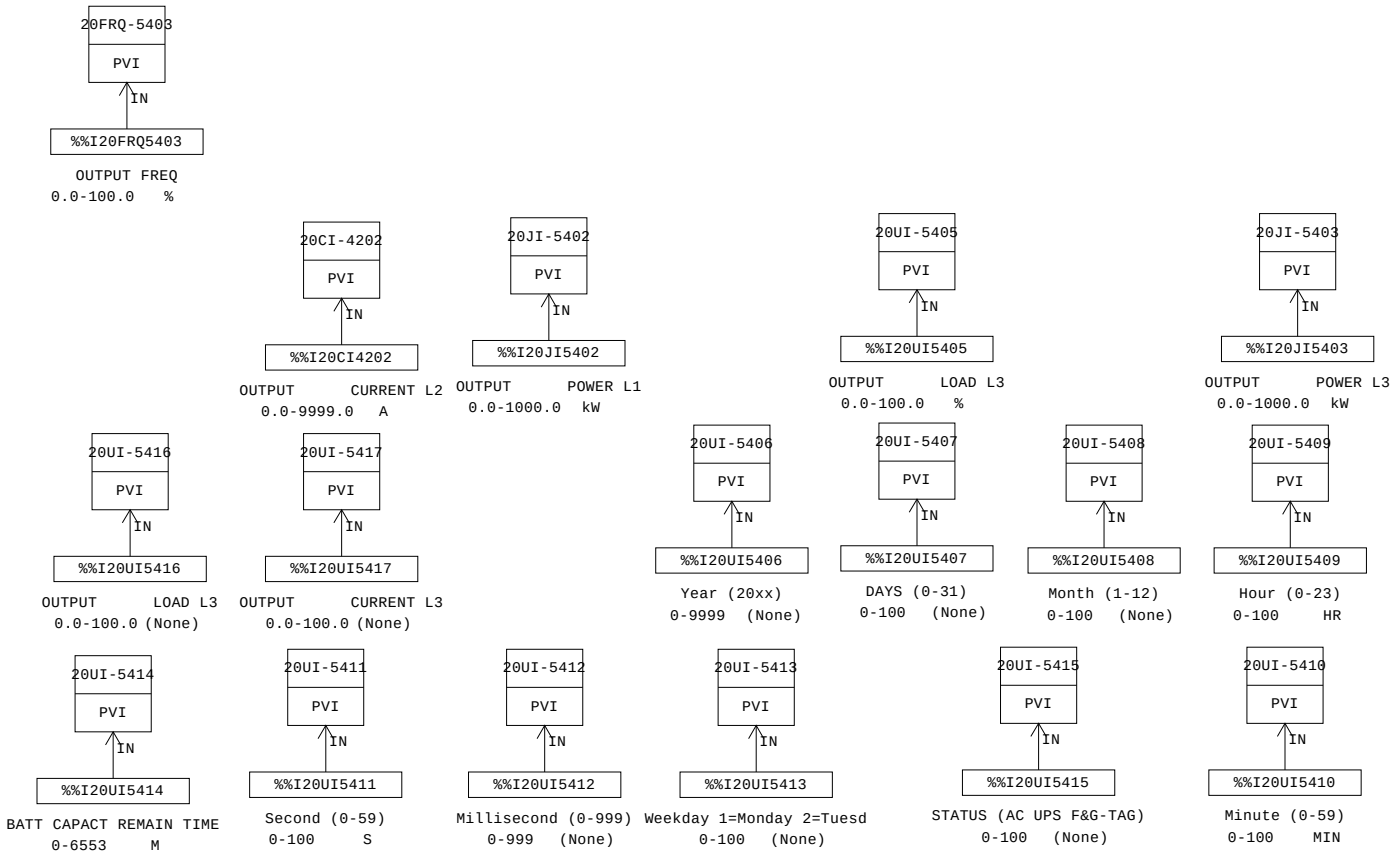
Tag Detail (20UI-5315 UPS STATUS)

Basic

Tag Name	20UI-5315
Model Name	PVI
Tag Comment	UPS STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

PROJECT:	BLPH-CW1	FILE NAME:	DR0105.edf	SHEET:		YOKOGAWA	PAGE:3-25-30-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:29 AM	COMMENT:	200F4 FGS UPA-A		
SECTION:	DR0105	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0105 | BLPH-CW | PVI SUBSYSTEM - BLPH UPS]



PROJECT:	BLPH-CW1	FILE NAME:	DR0105.edf	SHEET:		YOKOGAWA	PAGE:3-25-30-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:29 AM	COMMENT:	200F4 FGS UPA-A		
SECTION:	DR0105	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:200F4 FGS UPA-A

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	20UI-5414	PVI	BATT CAPACT REMAIN TIME	0	6553	M	Communication Input	Hour	%%I20UI5414
						4			
002	20CI-4202	PVI	OUTPUT CURRENT L2	0.0	9999.0	A	Communication Input	Hour	%%I20CI4202
						4			
003	20JI-5402	PVI	OUTPUT POWER L1	0.0	1000.0	kW	Communication Input	Hour	%%I20JI5402
						4			
004	20UI-5405	PVI	OUTPUT LOAD L3	0.0	100.0	%	Communication Input	Hour	%%I20UI5405
						4			
005	20JI-5403	PVI	OUTPUT POWER L3	0.0	1000.0	kW	Communication Input	Hour	%%I20JI5403
						4			
006	20UI-5417	PVI	OUTPUT CURRENT L3	0.0	100.0	(None)	Communication Input	Hour	%%I20UI5417
						4			
007	20UI-5416	PVI	OUTPUT LOAD L3	0.0	100.0	(None)	Communication Input	Hour	%%I20UI5416
						4			
008	20UI-5406	PVI	Year (20xx)	0	9999	(None)	Communication Input	Hour	%%I20UI5406
						4			
009	20UI-5408	PVI	Month (1-12)	0	100	(None)	Communication Input	Hour	%%I20UI5408
						4			
010	20UI-5409	PVI	Hour (0-23)	0	100	HR	Communication Input	Hour	%%I20UI5409
						4			
011	20UI-5411	PVI	Second (0-59)	0	100	S	Communication Input	Hour	%%I20UI5411
						4			
012	20UI-5412	PVI	Millisecond (0-999)	0	999	(None)	Communication Input	Hour	%%I20UI5412
						4			
013	20FRQ-5403	PVI	OUTPUT FREQ	0.0	100.0	%	Communication Input	No	%%I20FRQ5403
						4			
014	20UI-5413	PVI	Weekday 1=Monday 2=Tuesd	0	100	(None)	Communication Input	Hour	%%I20UI5413
						4			
015	20UI-5407	PVI	DAYS (0-31)	0	100	(None)	Communication Input	Hour	%%I20UI5407
						4			
016	20UI-5410	PVI	Minute (0-59)	0	100	MIN	Communication Input	Hour	%%I20UI5410
						4			
017	20UI-5415	PVI	STATUS (AC UPS F&G-TAG)	0	100	(None)	Communication Input	Hour	%%I20UI5415
						4			

Tag Detail (20UI-5414 BATT CAPACT REMAIN TIME)

Basic

Tag Name	20UI-5414
Model Name	PVI
Tag Comment	BATT CAPACT REMAIN TIME
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-4202 OUTPUT CURRENT L2)

Basic

Tag Name	20CI-4202
Model Name	PVI
Tag Comment	OUTPUT CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20JI-5402 OUTPUT POWER L1)

Basic

Tag Name	20JI-5402
Model Name	PVI
Tag Comment	OUTPUT POWER L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5405 OUTPUT LOAD L3)

Basic

Tag Name	20UI-5405
Model Name	PVI
Tag Comment	OUTPUT LOAD L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20JI-5403 OUTPUT POWER L3)

Basic

Tag Name	20JI-5403
Model Name	PVI
Tag Comment	OUTPUT POWER L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5417 OUTPUT CURRENT L3)

Basic

Tag Name	20UI-5417
Model Name	PVI
Tag Comment	OUTPUT CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5416 OUTPUT LOAD L3)

Basic

Tag Name	20UI-5416
Model Name	PVI
Tag Comment	OUTPUT LOAD L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5406 Year (20xx))

Basic

Tag Name	20UI-5406
Model Name	PVI
Tag Comment	Year (20xx)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5408 Month (1-12))

Basic

Tag Name	20UI-5408

Model Name	PVI
Tag Comment	Month (1-12)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5409 Hour (0-23))

Basic

Tag Name	20UI-5409
Model Name	PVI
Tag Comment	Hour (0-23)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5411 Second (0-59))

Basic

Tag Name	20UI-5411
Model Name	PVI
Tag Comment	Second (0-59)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5412 Millisecond (0-999))

Basic

Tag Name	20UI-5412
Model Name	PVI
Tag Comment	Millisecond (0-999)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20FRQ-5403 OUTPUT FREQ)

Basic

Tag Name	20FRQ-5403
Model Name	PVI
Tag Comment	OUTPUT FREQ

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20UI-5413 Weekday 1=Monday 2=Tuesd)

Basic

Tag Name	20UI-5413
Model Name	PVI
Tag Comment	Weekday 1=Monday 2=Tuesd
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5407 DAYS (0-31))

Basic

Tag Name	20UI-5407
Model Name	PVI
Tag Comment	DAYS (0-31)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5410 Minute (0-59))

Basic

Tag Name	20UI-5410
Model Name	PVI
Tag Comment	Minute (0-59)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5415 STATUS (AC UPS F&G-TAG))

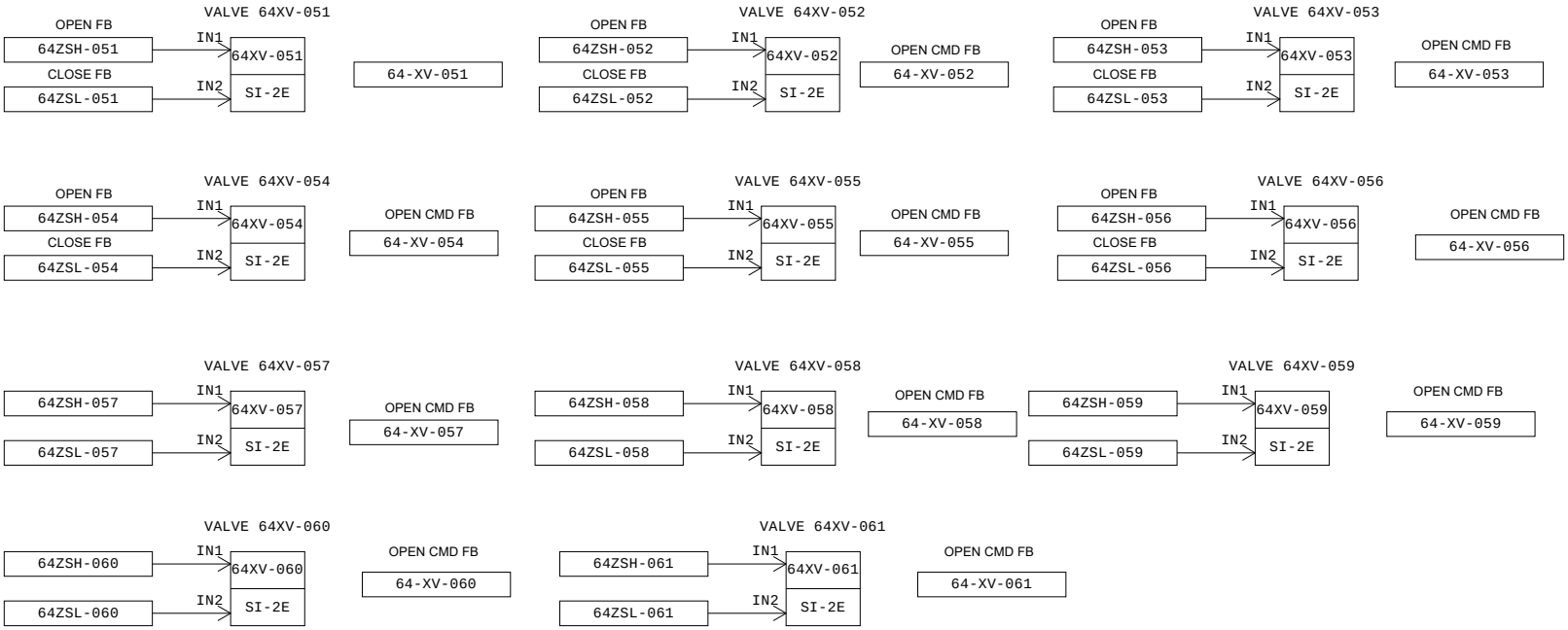
Basic

Tag Name	20UI-5415
Model Name	PVI
Tag Comment	STATUS (AC UPS F&G-TAG)
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

PROJECT:	BLPH-CW1	FILE NAME:	DR0106.edf	SHEET:		YOKOGAWA	PAGE:3-25-31-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:32 AM	COMMENT:	VALVES - NITROGEN		
SECTION:	DR0106	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0106 | BLPH | NGP | U-64000



PROJECT:	BLPH-CW1	FILE NAME:	DR0106.edf	SHEET:		YOKOGAWA	PAGE:3-25-31-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:32 AM	COMMENT:	VALVES - NITROGEN		
SECTION:	DR0106	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP005_001	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
002	TYP005_003	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
003	TYP005_004	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
004	TYP005_009	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
005	TYP005_008	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
006	TYP005_007	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
007	TYP005_005	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
008	TYP005_006	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
009	TYP005_002	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
010	TYP005_010	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
011	TYP005_011	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate

PROJECT:	BLPH-CW1	FILE NAME:	DR0106.edf	SHEET:		YOKOGAWA	PAGE:3-25-31-3
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:32 AM	COMMENT:	VALVES - NITROGEN		
SECTION:	DR0106	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:VALVES - NITROGEN

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	64XV-051	SI-2E	VALVE 64XV-051	0	0				
						4			
002	64XV-052	SI-2E	VALVE 64XV-052	0	0				
						4			
003	64XV-053	SI-2E	VALVE 64XV-053	0	0				
						4			
004	64XV-054	SI-2E	VALVE 64XV-054	0	0				
						4			
005	64XV-055	SI-2E	VALVE 64XV-055	0	0				
						4			
006	64XV-056	SI-2E	VALVE 64XV-056	0	0				
						4			
007	64XV-057	SI-2E	VALVE 64XV-057	0	0				
						4			
008	64XV-058	SI-2E	VALVE 64XV-058	0	0				
						4			
009	64XV-059	SI-2E	VALVE 64XV-059	0	0				
						4			
010	64XV-060	SI-2E	VALVE 64XV-060	0	0				
						4			
011	64XV-061	SI-2E	VALVE 64XV-061	0	0				
						4			

Tag Detail (64XV-051 VALVE 64XV-051)

Basic

Tag Name	64XV-051
Model Name	SI-2E
Tag Comment	VALVE 64XV-051
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (64XV-052 VALVE 64XV-052)

Basic

Tag Name	64XV-052
Model Name	SI-2E
Tag Comment	VALVE 64XV-052
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (64XV-053 VALVE 64XV-053)

Basic

Tag Name	64XV-053
Model Name	SI-2E
Tag Comment	VALVE 64XV-053
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (64XV-054 VALVE 64XV-054)

Basic

Tag Name	64XV-054
Model Name	SI-2E
Tag Comment	VALVE 64XV-054
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (64XV-055 VALVE 64XV-055)

Basic

Tag Name	64XV-055
Model Name	SI-2E
Tag Comment	VALVE 64XV-055
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (64XV-056 VALVE 64XV-056)

Basic

Tag Name	64XV-056
Model Name	SI-2E
Tag Comment	VALVE 64XV-056
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (64XV-057 VALVE 64XV-057)

Basic

Tag Name	64XV-057
Model Name	SI-2E
Tag Comment	VALVE 64XV-057
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (64XV-058 VALVE 64XV-058)

Basic

Tag Name	64XV-058
Model Name	SI-2E
Tag Comment	VALVE 64XV-058
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (64XV-059 VALVE 64XV-059)

Basic

Tag Name	64XV-059
Model Name	SI-2E
Tag Comment	VALVE 64XV-059
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (64XV-060 VALVE 64XV-060)

Basic

Tag Name	64XV-060
Model Name	SI-2E
Tag Comment	VALVE 64XV-060
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

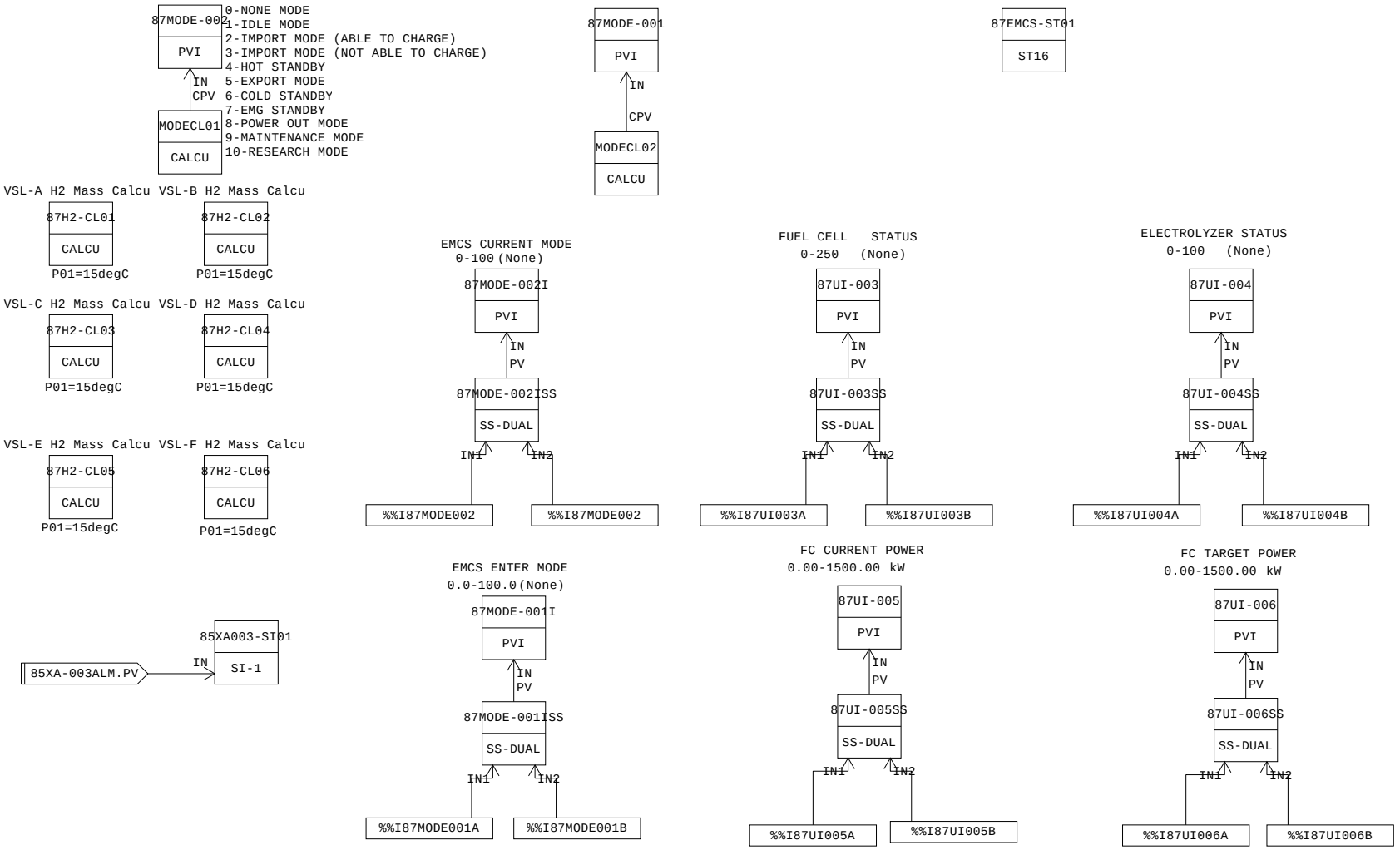
Tag Detail (64XV-061 VALVE 64XV-061)

Basic

Tag Name	64XV-061
Model Name	SI-2E
Tag Comment	VALVE 64XV-061
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

PROJECT:	BLPH-CW1	FILE NAME:	DR0107.edf	SHEET:		YOKOGAWA	PAGE:3-25-32-1
STATION:	FCS0101	SAVED DATE:	7/11/2025 6:53:29 AM	COMMENT:	EMCS SUBSYSTEM		
SECTION:	DR0107	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0105 | BLPH-CW | EMCS SUB SYSTEM]



PROJECT:	BLPH-CW1	FILE NAME:	DR0107.edf	SHEET:		YOKOGAWA	PAGE:3-25-32-2
STATION:	FCS0101	SAVED DATE:	7/11/2025 6:53:29 AM	COMMENT:	EMCS SUBSYSTEM		
SECTION:	DR0107	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:EMCS SUBSYSTEM

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	87EMCS-ST01	ST16	EMCS SEQ ANN	0	0				
						4			
002	85XA003-SI01	SI-1	BESS FAULT	0	0				>85XA-003ALM.PV
						4			
003	87H2-CL01	CALCU	VSL-A H2 Mass Calcu	0.00	1000.00	kG	No	No	
						4			
004	87H2-CL02	CALCU	VSL-B H2 Mass Calcu	0.00	1000.00	kG	No	No	
						4			
005	87H2-CL03	CALCU	VSL-C H2 Mass Calcu	0.00	1000.00	kG	No	No	
						4			
006	87H2-CL04	CALCU	VSL-D H2 Mass Calcu	0.00	1000.00	kG	No	No	
						4			
007	87H2-CL05	CALCU	VSL-E H2 Mass Calcu	0.00	1000.00	kG	No	No	
						4			
008	87H2-CL06	CALCU	VSL-F H2 Mass Calcu	0.00	1000.00	kG	No	No	
						4			
009	MODECL01	CALCU		0.0	100.0	%	No	No	
						4			
010	87MODE-002	PVI	EMCS CURRENT MODE	0	100	(None)	Communication Input	No	MODECL01.CPV
						4			
011	MODECL02	CALCU		0.0	100.0	%	No	No	
						4			
012	87MODE-001	PVI	EMCS ENTER MODE	0	100	(None)	Communication Input	No	MODECL02.CPV
						4			
013	87MODE-002ISS	SS-DUAL	EMCS CURRENT MODE	0.0	100.0	(None)		No	
						4			
014	87MODE-002I	PVI	EMCS CURRENT MODE	0	100	(None)	Communication Input	No	87MODE-002ISS.PV
						4			
015	87UI-003SS	SS-DUAL	FUEL CELL STATUS	0	100	(None)		No	
						4			
016	87UI-003	PVI	FUEL CELL STATUS	0	250	(None)	Communication Input	No	87UI-003SS.PV
						4			
017	87UI-004SS	SS-DUAL	ELECTROLYSER STATUS	0	100	(None)		No	
						4			
018	87UI-004	PVI	ELECTROLYZER STATUS	0	100	(None)	Communication Input	No	87UI-004SS.PV
						4			
019	87MODE-001ISS	SS-DUAL	EMCS ENTER MODE SS	0.0	100.0	(None)		No	
						4			
020	87MODE-001I	PVI	EMCS ENTER MODE	0.0	100.0	(None)	Communication Input	No	87MODE-001ISS.PV
						4			
021	87UI-005SS	SS-DUAL	ELECTROLYSER STATUS	0	100	(None)		No	
						4			
022	87UI-005	PVI	FC CURRENT POWER	0.00	1500.00	kW	Communication Input	No	87UI-005SS.PV
						4			
023	87UI-006SS	SS-DUAL	ELECTROLYSER STATUS	0	100	(None)		No	
						4			
024	87UI-006	PVI	FC TARGET POWER	0.00	1500.00	kW	Communication Input	No	87UI-006SS.PV
						4			

Tag Detail (87EMCS-ST01 EMCS SEQ ANN)

Basic

Tag Name	87EMCS-ST01
Model Name	ST16
Tag Comment	EMCS SEQ ANN
Lvl	4

Sequence Tables (87EMCS-ST01 EMCS SEQ ANN)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	85XA003-SI01.PV	OFF	BESS FAULT	Y								
C02	%GS00210.PV	OFF		.Y								
C03	87LDSH-001B.PV	ON	LOAD SHEDDING-1					Y				
C04	87LDSH-002B.PV	ON	LOAD SHEDDING-2					Y				
C05												
C06												
C07												
C08												
C09												
C10												
C11												
C12												
C13												
C14												
C15												
C16												
C17												
C18	87LDSH-001A.PV	ON	LOAD SHEDDING-1					Y				
C19	87LDSH-001B.PV	ON	LOAD SHEDDING-1					.Y				
C20												
C21												
C22												
C23												
C24												
C25												
C26												
C27												
C28												
C29												
C30												
C31												
C32												
A01												
A02	87XA-0001.PV	L	BESS FLT	Y								
A03	87PWRC-001.PV	L	POWER OUT MODE ESD-1D	.Y								
A04	50AI-0027A.MODE	AUT	FRESH WTR OL PH	..Y								
A05	50AI-0027B.MODE	AUT	FRESH WTR OL PH	...Y								
A06	50TI-0024A.MODE	AUT	FRE WTR TEMP A50007A/B		Y							
A07	50TI-0024B.MODE	AUT	FRE WTR TEMP A50007A/B		.Y							
A08	50AI-0024A.MODE	AUT	FRE WTR COND A50007A/B		..Y							
A09	50AI-0024B.MODE	AUT	FRE WTR COND A50007A/B		...Y							
A10	50AI-0026A.MODE	AUT	FRESH WTR OL PH			Y						
A11	50AI-0026B.MODE	AUT	FRESH WTR OL PH			.Y						
A12	87MODE003A.MODE	AUT	MODE PERMIT TO EMCS			..Y						
A13	87MODE003B.MODE	AUT	MODE PERMIT TO EMCS			...Y						
A14	87H2LI-0001A.MODE	AUT	TOTAL H2 MASS VALUE				Y					
A15	87H2LI-0001B.MODE	AUT	TOTAL H2 MASS VALUE				.Y					
A16	87PMTO-0001A.MODE	AUT	FRE WTR COND A50007A/B				..Y					
A17	87PMTO-0001B.MODE	AUT	FRE WTR COND A50007A/B				...Y					
A18	87LDSH-001AAN.PV	L	87LDSH-001A ANN					Y				
A19	87LDSH-001BAN.PV	L	87LDSH-001B ANN					.Y				
A20	87LDSH-001.PV	L	LOAD SHEDDING-1					..Y				
A21	87LDSH-002.PV	L	LOAD SHEDDING-2					..Y				
A22												
A23												
A24												
A25												
A26												
A27												
A28												
A29												
A30												
A31												
A32												
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (85XA003-SI01 BESS FAULT)

Basic

Tag Name	85XA003-SI01
Model Name	SI-1
Tag Comment	BESS FAULT
Lvl	4
Scan Period	Basic Scan
Switch Position Label	FAULT,,NORMAL,FAULT
Label	Reverse

Tag Detail (87H2-CL01 VSL-A H2 Mass Calcu)

Basic

Tag Name	87H2-CL01
Model Name	CALCU
Tag Comment	VSL-A H2 Mass Calcu
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (87H2-CL01 VSL-A H2 Mass Calcu)

Line Number	General-Purpose Calculation Formula
001	!Actul H2 Press P1
002	!Temp inside Vessel T (P01=Ambient Temperature=15)
003	!Hydrogen Density R01kg/m3=(P1+1.013)*2/(0.08314*(273.15+T))
004	!Vessel Volume V=101.2 m3
005	!Actual H2 vessel Mass M1 kg= R01*V
006	! Min Press Value P02
007	Alias PI 25PI-035.PV
008	
009	Alias TI 63TI-051.PV
010	
011	float M1,M2,M,T,P
012	If(TI<=0)then
013	T=P01
014	ELSE
015	T=TI
016	End if
017	M1=(PI+1.013)*2/(0.08314*(273.15+T))
018	M2=(2+1.013)*2/(0.08314*(273.15+T))
019	M=M1-M2
020	If(M < 0) then
021	CPV = 0
022	Else
023	CPV= M * 101.2
024	End if

Tag Detail (87H2-CL02 VSL-B H2 Mass Calcu)

Basic

Tag Name	87H2-CL02
Model Name	CALCU
Tag Comment	VSL-B H2 Mass Calcu
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (87H2-CL02 VSL-B H2 Mass Calcu)

Line Number	General-Purpose Calculation Formula
001	!Actul H2 Press P1
002	!Temp inside Vessel T (P01=Ambient Temperature=15)
003	!Hydrogen Density R01kg/m3=(P1+1.013)*2/(0.08314*(273.15+T))
004	!Vessel Volume V=101.2 m3
005	!Actual H2 vessel Mass M1 kg= R01*V
006	! Min Press Value P02
007	Alias PI 25PI-037.PV
008	
009	Alias TI 63TI-051.PV
010	
011	float M1,M2,M,T,P
012	If(TI<=0)then
013	T=P01
014	ELSE
015	T=TI
016	End if
017	M1=(PI+1.013)*2/(0.08314*(273.15+T))
018	M2=(2+1.013)*2/(0.08314*(273.15+T))
019	M=M1-M2
020	If(M < 0) then
021	CPV = 0
022	Else
023	CPV= M * 101.2
024	End if

Tag Detail (87H2-CL03 VSL-C H2 Mass Calcu)

Basic

Tag Name	87H2-CL03
Model Name	CALCU
Tag Comment	VSL-C H2 Mass Calcu
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (87H2-CL03 VSL-C H2 Mass Calcu)

Line Number	General-Purpose Calculation Formula
001	!Actul H2 Press P1
002	!Temp inside Vessel T (P01=Ambient Temperature=15)
003	!Hydrogen Density R01kg/m3=(P1+1.013)*2/(0.08314*(273.15+T))
004	!Vessel Volume V=101.2 m3
005	!Actual H2 vessel Mass M1 kg= R01*V
006	! Min Press Value P02
007	Alias PI 25PI-040.PV
008	
009	Alias TI 63TI-051.PV
010	
011	float M1,M2,M,T,P
012	If(TI<=0)then
013	T=P01
014	ELSE
015	T=TI
016	End if
017	M1=(PI+1.013)*2/(0.08314*(273.15+T))
018	M2=(2+1.013)*2/(0.08314*(273.15+T))
019	M=M1-M2
020	If(M < 0) then
021	CPV = 0
022	Else
023	CPV= M * 101.2
024	End if
025	

Tag Detail (87H2-CL04 VSL-D H2 Mass Calcu)

Basic

Tag Name	87H2-CL04
Model Name	CALCU
Tag Comment	VSL-D H2 Mass Calcu
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (87H2-CL04 VSL-D H2 Mass Calcu)

Line Number	General-Purpose Calculation Formula
001	!Actul H2 Press P1
002	!Temp inside Vessel T (P01=Ambient Temperature=15)
003	!Hydrogen Density R01kg/m3=(P1+1.013)*2/(0.08314*(273.15+T))
004	!Vessel Volume V=101.2 m3
005	!Actual H2 vessel Mass M1 kg= R01*V
006	! Min Press Value P02
007	Alias PI 25PI-043.PV
008	
009	Alias TI 63TI-051.PV
010	
011	float M1,M2,M,T,P
012	If(TI<=0)then
013	T=P01
014	ELSE
015	T=TI
016	End if
017	M1=(PI+1.013)*2/(0.08314*(273.15+T))
018	M2=(2+1.013)*2/(0.08314*(273.15+T))
019	M=M1-M2
020	If(M < 0) then
021	CPV = 0
022	Else
023	CPV= M * 101.2
024	End if

Tag Detail (87H2-CL05 VSL-E H2 Mass Calcu)

Basic

Tag Name	87H2-CL05
Model Name	CALCU
Tag Comment	VSL-E H2 Mass Calcu
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

PROJECT:	BLPH-CW1	FILE NAME:	87H2-CL05.edf	SHEET:		YOKOGAWA	PAGE:3-2 5-32-14
STATION:	FCS0101	SAVED DATE:	6/25/2025 2:54:29 AM	COMMENT:	VSL-E H2 Mass Calcu		
SECTION:	DR0107	PRINTED DATE:	9/15/2025	DRAWER:			

General-Purpose Calculation Formula (87H2-CL05 VSL-E H2 Mass Calcu)

Line Number	General-Purpose Calculation Formula
001	!Actul H2 Press P1
002	!Temp inside Vessel T (P01=Ambient Temperature=15)
003	!Hydrogen Density R01kg/m3=(P1+1.013)*2/(0.08314*(273.15+T))
004	!Vessel Volume V=101.2 m3
005	!Actual H2 vessel Mass M1 kg= R01*V
006	! Min Press Value P02
007	Alias PI 25PI-046.PV
008	
009	Alias TI 63TI-051.PV
010	
011	float M1,M2,M,T,P
012	If(TI<=0)then
013	T=P01
014	ELSE
015	T=TI
016	End if
017	M1=(PI+1.013)*2/(0.08314*(273.15+T))
018	M2=(2+1.013)*2/(0.08314*(273.15+T))
019	M=M1-M2
020	If(M < 0) then
021	CPV = 0
022	Else
023	CPV= M * 101.2
024	End if
025	

Tag Detail (87H2-CL06 VSL-F H2 Mass Calcu)

Basic

Tag Name	87H2-CL06
Model Name	CALCU
Tag Comment	VSL-F H2 Mass Calcu
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (87H2-CL06 VSL-F H2 Mass Calcu)

Line Number	General-Purpose Calculation Formula
001	!Actul H2 Press P1
002	!Temp inside Vessel T (P01=Ambient Temperature=15)
003	!Hydrogen Density R01kg/m3=(P1+1.013)*2/(0.08314*(273.15+T))
004	!Vessel Volume V=101.2 m3
005	!Actual H2 vessel Mass M1 kg= R01*V
006	! Min Press Value P02
007	Alias PI 25PI-049.PV
008	
009	Alias TI 63TI-051.PV
010	
011	float M1,M2,M,T,P
012	If(TI<=0)then
013	T=P01
014	ELSE
015	T=TI
016	End if
017	M1=(PI+1.013)*2/(0.08314*(273.15+T))
018	M2=(2+1.013)*2/(0.08314*(273.15+T))
019	M=M1-M2
020	If(M < 0) then
021	CPV = 0
022	Else
023	CPV= M * 101.2
024	End if
025	

Tag Detail (MODECL01)

Basic

Tag Name	MODECL01
Model Name	CALCU
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (MODECL01)

Line Number	General-Purpose Calculation Formula
001	ALIAS A 87MODE-002I.PV ! MODE STATUS FROM MODBUS
002	ALIAS B MODE.PV
003	!ALIAS C 87MODE-002.PV
004	If(A==3 or A==4 or A==5 or A==6 or A==7 or A==8 or A==9 or A==9 OR A==10 OR A==11)then
005	B=A-1
006	CPV=A-1
007	Else if(A==0 or A==1)then
008	B=A
009	CPV=A
010	End if

Tag Detail (87MODE-002 EMCS CURRENT MODE)

Basic

Tag Name	87MODE-002
Model Name	PVI
Tag Comment	EMCS CURRENT MODE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (MODECL02)

Basic

Tag Name	MODECL02
Model Name	CALCU
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (MODECL02)

Line Number	General-Purpose Calculation Formula
001	ALIAS A 87MODE-001I.PV ! MODE STATUS FROM MODBUS
002	
003	!ALIAS C 87MODE-001.PV
004	If(A==3 or A==4 or A==5 or A==6 or A==7 or A==8 or A==9 or A==9 OR A==10 OR A==11)then
005	
006	CPV=A-1
007	Else if(A==0 or A==1)then
008	
009	CPV=A
010	End if

Tag Detail (87MODE-001 EMCS ENTER MODE)

Basic

Tag Name	87MODE-001
Model Name	PVI
Tag Comment	EMCS ENTER MODE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87MODE-002ISS EMCS CURRENT MODE)

Basic

Tag Name	87MODE-002ISS
Model Name	SS-DUAL
Tag Comment	EMCS CURRENT MODE
Lvl	4
Scan Period	Basic Scan
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Connection

Signal Input 1(IN1)	%%I87MODE002
Signal Input 2(IN2)	%%I87MODE002
Operation Output(OUT)	

Tag Detail (87MODE-002I EMCS CURRENT MODE)

Basic

Tag Name	87MODE-002I
Model Name	PVI
Tag Comment	EMCS CURRENT MODE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87UI-003SS FUEL CELL STATUS)

Basic

Tag Name	87UI-003SS
Model Name	SS-DUAL
Tag Comment	FUEL CELL STATUS
Lvl	4
Scan Period	Basic Scan
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Connection

Signal Input 1(IN1)	%%I87UI003A
Signal Input 2(IN2)	%%I87UI003B
Operation Output(OUT)	

Tag Detail (87UI-003 FUEL CELL STATUS)

Basic

Tag Name	87UI-003

Model Name	PVI
Tag Comment	FUEL CELL STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87UI-004SS ELECTROLYSER STATUS)

Basic

Tag Name	87UI-004SS
Model Name	SS-DUAL
Tag Comment	ELECTROLYSER STATUS
Lvl	4
Scan Period	Basic Scan
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Connection

Signal Input 1(IN1)	%%I87UI004A
Signal Input 2(IN2)	%%I87UI004B
Operation Output(OUT)	

Tag Detail (87UI-004 ELECTROLYZER STATUS)

Basic

Tag Name	87UI-004
Model Name	PVI
Tag Comment	ELECTROLYZER STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87MODE-001ISS EMCS ENTER MODE SS)

Basic

Tag Name	87MODE-001ISS
Model Name	SS-DUAL
Tag Comment	EMCS ENTER MODE SS
Lvl	4
Scan Period	Basic Scan
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Connection

Signal Input 1(IN1)	%%I87MODE001A
Signal Input 2(IN2)	%%I87MODE001B
Operation Output(OUT)	

Tag Detail (87MODE-001I EMCS ENTER MODE)

Basic

Tag Name	87MODE-001I
Model Name	PVI
Tag Comment	EMCS ENTER MODE
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87UI-005SS ELECTROLYSER STATUS)

Basic

Tag Name	87UI-005SS
Model Name	SS-DUAL
Tag Comment	ELECTROLYSER STATUS
Lvl	4
Scan Period	Basic Scan
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Connection

Signal Input 1(IN1)	%%I87UI005A
Signal Input 2(IN2)	%%I87UI005B
Operation Output(OUT)	

Tag Detail (87UI-005 FC CURRENT POWER)

Basic

Tag Name	87UI-005
Model Name	PVI
Tag Comment	FC CURRENT POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87UI-006SS ELECTROLYSER STATUS)

Basic

Tag Name	87UI-006SS
Model Name	SS-DUAL
Tag Comment	ELECTROLYSER STATUS
Lvl	4
Scan Period	Basic Scan
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Connection

Signal Input 1(IN1)	%%I87UI006A
Signal Input 2(IN2)	%%I87UI006B
Operation Output(OUT)	

Tag Detail (87UI-006 FC TARGET POWER)

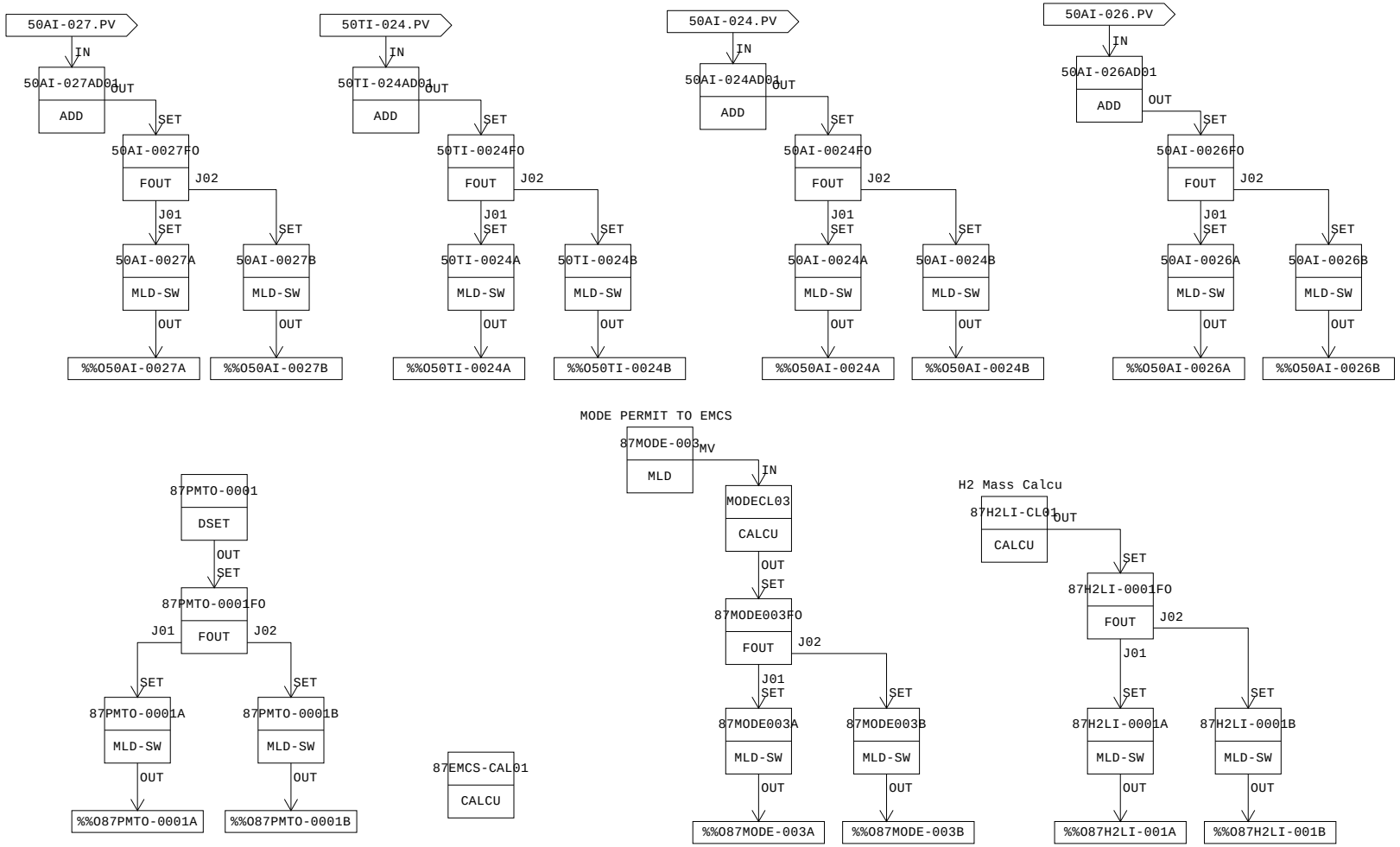
Basic

Tag Name	87UI-006
Model Name	PVI
Tag Comment	FC TARGET POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input

Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0108.edf	SHEET:		YOKOGAWA	PAGE:3-25-33-1
STATION:	FCS0101	SAVED DATE:	7/10/2025 12:49:16 AM	COMMENT:	EMCS MODBUS REDUNDANCY		
SECTION:	DR0108	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0108 | BLPH-CW | EMCS MODBUS REDUNDANCY]



PROJECT:	BLPH-CW1	FILE NAME:	DR0108.edf	SHEET:		YOKOGAWA	PAGE:3-25-33-2
STATION:	FCS0101	SAVED DATE:	7/10/2025 12:49:16 AM	COMMENT:	EMCS MODBUS REDUNDANCY		
SECTION:	DR0108	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:EMCS MODBUS REDUNDANCY

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	50AI-027AD01	ADD	pH	0.0	14.0	pH	No		50AI-027.PV
		50AI-0027FO.SET				4			
002	50AI-0027FO	FOUT	FRESH WTR OL PH FOUT	0	0	pH			
				50AI-027AD01.OUT		4			
003	50AI-0027B	MLD-SW	FRESH WTR OL PH	0	0	pH			
		%%O50AI-0027B		50AI-0027FO.J02		4			
004	50AI-0027A	MLD-SW	FRESH WTR OL PH	0	0	pH			
		%%O50AI-0027A		50AI-0027FO.J01		4			
005	50TI-024AD01	ADD	TEMPERATURE	0.00	50.00	(None)	No		50TI-024.PV
		50TI-0024FO.SET				4			
006	50TI-0024FO	FOUT	FRE WTR TEMP A50007A/B F	0	0	degC			
				50TI-024AD01.OUT		4			
007	50TI-0024A	MLD-SW	FRE WTR TEMP A50007A/B	0	0	degC			
		%%O50TI-0024A		50TI-0024FO.J01		4			
008	50TI-0024B	MLD-SW	FRE WTR TEMP A50007A/B	0	0	degC			
		%%O50TI-0024B		50TI-0024FO.J02		4			
009	50AI-024AD01	ADD	CONDUCTIVITY	0	1000	(None)	No		50AI-024.PV
		50AI-0024FO.SET				4			
010	50AI-0024FO	FOUT	FRE WTR COND A50007A/B F	0	0	degC			
				50AI-024AD01.OUT		4			
011	50AI-0024A	MLD-SW	FRE WTR COND A50007A/B	0	0	uS/cm			
		%%O50AI-0024A		50AI-0024FO.J01		4			
012	50AI-0024B	MLD-SW	FRE WTR COND A50007A/B	0	0	uS/cm			
		%%O50AI-0024B		50AI-0024FO.J02		4			
013	50AI-026AD01	ADD	pH	0.00	25.00	PPM	No		50AI-026.PV
		50AI-0026FO.SET				4			
014	50AI-0026FO	FOUT	FRESH WTR OL PH FO	0	0	PPM			
				50AI-026AD01.OUT		4			
015	50AI-0026A	MLD-SW	FRESH WTR OL PH	0	0	PPM			
		%%O50AI-0026A		50AI-0026FO.J01		4			
016	50AI-0026B	MLD-SW	FRESH WTR OL PH	0	0	PPM			
		%%O50AI-0026B		50AI-0026FO.J02		4			
017	87MODE-003	MLD	MODE PERMIT TO EMCS	0	0				
						4			
018	MODECL03	CALCU	NUMBER CONVERSION	0.0	100.0	%	No	No	87MODE-003.MV
		87MODE003FO.SET				4			
019	87MODE003FO	FOUT	MODE PERMIT TO EMCS FO	0	0	(None)			
				MODECL03.OUT		4			
020	87MODE003A	MLD-SW	MODE PERMIT TO EMCS	0	0	(None)			
		%%O87MODE-003A		87MODE003FO.J01		4			
021	87MODE003B	MLD-SW	MODE PERMIT TO EMCS	0	0	(None)			
		%%O87MODE-003B		87MODE003FO.J02		4			
022	87H2LI-CL01	CALCU	H2 Mass Calcu	0.0	10000.0	kG	No	No	
		87H2LI-0001FO.SET				4			
023	87H2LI-0001FO	FOUT	TOTAL H2 MASS VALUE	0	0	kG			
				87H2LI-CL01.OUT		4			
024	87H2LI-0001A	MLD-SW	TOTAL H2 MASS VALUE	0	0	kG			
		%%O87H2LI-001A		87H2LI-0001FO.J01		4			
025	87H2LI-0001B	MLD-SW	TOTAL H2 MASS VALUE	0	0	kG			
		%%O87H2LI-001B		87H2LI-0001FO.J02		4			
026	87PMTO-0001	DSET	FRE WTR COND A50007A/B	0.0	1000.0	kG			
		87PMTO-0001FO.SET				4			
027	87PMTO-0001FO	FOUT	FRE WTR COND A50007A/B	0	0	G			
				87PMTO-0001.OUT		4			

```
028 87PMTO-0001A      MLD-SW      FRE WTR COND A50007A/B    0              0              (None)
                      %%O87PMTO-0001A                    87PMTO-0001FO.J01                4
029 87PMTO-0001B      MLD-SW      FRE WTR COND A50007A/B    0              0              (None)
                      %%O87PMTO-0001B                    87PMTO-0001FO.J02                4
030 87EMCS-CAL01      CALCU                                 0.0            100.0          %                    No                             No
                                                                                          4
```

Tag Detail (50AI-027AD01 pH)

Basic

Tag Name	50AI-027AD01
Model Name	ADD
Tag Comment	pH
Lvl	4
Scan Period	Basic Scan
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No

Connection

Main Input(IN)	50AI-027.PV
Calculation Output(OUT)	50AI-0027FO.SET
Auxiliary Output(SUB)	
Sub Input(Q01)	

Tag Detail (50AI-0027FO FRESH WTR OL PH FOUT)

Basic

Tag Name	50AI-0027FO
Model Name	FOUT
Tag Comment	FRESH WTR OL PH FOUT
Lvl	4
SV Range	
High limit value	14.0
Low limit value	0.0

Tag Detail (50AI-0027B FRESH WTR OL PH)

Basic

Tag Name	50AI-0027B
Model Name	MLD-SW
Tag Comment	FRESH WTR OL PH
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	14.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (50AI-0027A FRESH WTR OL PH)

Basic

Tag Name	50AI-0027A
Model Name	MLD-SW
Tag Comment	FRESH WTR OL PH
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	14.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (50TI-024AD01 TEMPERATURE)

Basic

Tag Name	50TI-024AD01
Model Name	ADD
Tag Comment	TEMPERATURE
Lvl	4
Scan Period	Basic Scan
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No

Connection

Main Input(IN)	50TI-024.PV
Calculation Output(OUT)	50TI-0024FO.SET

Auxiliary Output(SUB)
Sub Input(Q01)

Tag Detail (50TI-0024FO FRE WTR TEMP A50007A/B F)

Basic

Tag Name	50TI-0024FO
Model Name	FOUT
Tag Comment	FRE WTR TEMP A50007A/B F
Lvl	4
SV Range	
High limit value	50.0
Low limit value	0.0

Tag Detail (50TI-0024A FRE WTR TEMP A50007A/B)

Basic

Tag Name	50TI-0024A
Model Name	MLD-SW
Tag Comment	FRE WTR TEMP A50007A/B
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	50.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (50TI-0024B FRE WTR TEMP A50007A/B)

Basic

Tag Name	50TI-0024B
Model Name	MLD-SW
Tag Comment	FRE WTR TEMP A50007A/B
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	50.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (50AI-024AD01 CONDUCTIVITY)

Basic

Tag Name	50AI-024AD01
Model Name	ADD
Tag Comment	CONDUCTIVITY
Lvl	4
Scan Period	Basic Scan
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No

Connection

Main Input(IN)	50AI-024.PV
Calculation Output(OUT)	50AI-0024FO.SET
Auxiliary Output(SUB)	
Sub Input(Q01)	

Tag Detail (50AI-0024FO FRE WTR COND A50007A/B F)

Basic

Tag Name	50AI-0024FO
Model Name	FOUT
Tag Comment	FRE WTR COND A50007A/B F
Lvl	4
SV Range	
High limit value	1000.0
Low limit value	0.0

Tag Detail (50AI-0024A FRE WTR COND A50007A/B)

Basic

Tag Name	50AI-0024A
Model Name	MLD-SW
Tag Comment	FRE WTR COND A50007A/B
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	1000.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (50AI-0024B FRE WTR COND A50007A/B)

Basic

Tag Name	50AI-0024B
Model Name	MLD-SW
Tag Comment	FRE WTR COND A50007A/B
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	1000.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (50AI-026AD01 pH)

Basic

Tag Name	50AI-026AD01
Model Name	ADD
Tag Comment	pH
Lvl	4
Scan Period	Basic Scan
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No

Connection

Main Input(IN)	50AI-026.PV
Calculation Output(OUT)	50AI-0026FO.SET
Auxiliary Output(SUB)	
Sub Input(Q01)	

Tag Detail (50AI-0026FO FRESH WTR OL PH FO)

Basic

Tag Name	50AI-0026FO
Model Name	FOUT
Tag Comment	FRESH WTR OL PH FO
Lvl	4
SV Range	
High limit value	25.00
Low limit value	0.00

Tag Detail (50AI-0026A FRESH WTR OL PH)

Basic

Tag Name	50AI-0026A
Model Name	MLD-SW
Tag Comment	FRESH WTR OL PH
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	25.00
Low limit value	0.00
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (50AI-0026B FRESH WTR OL PH)

Basic

Tag Name	50AI-0026B
Model Name	MLD-SW
Tag Comment	FRESH WTR OL PH
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	25.00
Low limit value	0.00
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (87MODE-003 MODE PERMIT TO EMCS)

Basic

Tag Name	87MODE-003
Model Name	MLD
Tag Comment	MODE PERMIT TO EMCS
Lvl	4
Scan Period	Basic Scan
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	No
Output Value for Full-open	106.25
Output Value for Tight-shut	-17.19
Fully-open/Tightly-shut	Yes

Tag Detail (MODECL03 NUMBER CONVERSION)

Basic

Tag Name	MODECL03
Model Name	CALCU
Tag Comment	NUMBER CONVERSION
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (MODECL03 NUMBER CONVERSION)

Line Number	General-Purpose Calculation Formula
001	ALIAS A 87MODE003FO.SV ! MODE STATUS To MODBUS
002	ALIAS B 87MODE-003.MV
003	!ALIAS C 87MODE-002.PV
004	If(B==3 or B==4 or B==5 or B==6 or B==7 or B==8 or B==9 or B==2 OR B==10 OR B==11)then
005	A=B+1
006	CPV=B+1
007	Else if(B==0 or B==1)then
008	A=B
009	CPV=B
010	End if
011	

Tag Detail (87MODE003FO MODE PERMIT TO EMCS FO)

Basic

Tag Name	87MODE003FO
Model Name	FOUT
Tag Comment	MODE PERMIT TO EMCS FO
Lvl	4
SV Range	
High limit value	100
Low limit value	0

Tag Detail (87MODE003A MODE PERMIT TO EMCS)

Basic

Tag Name	87MODE003A
Model Name	MLD-SW
Tag Comment	MODE PERMIT TO EMCS
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	100
Low limit value	0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (87MODE003B MODE PERMIT TO EMCS)

Basic

Tag Name	87MODE003B
Model Name	MLD-SW
Tag Comment	MODE PERMIT TO EMCS
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	100
Low limit value	0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (87H2LI-CL01 H2 Mass Calcu)

Basic

Tag Name	87H2LI-CL01
Model Name	CALCU
Tag Comment	H2 Mass Calcu
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (87H2LI-CL01 H2 Mass Calcu)

Line Number	General-Purpose Calculation Formula
001	!Actul H2 Press P1
002	!Temp inside Vessel T (Ambient Temperature=15)
003	!Hydrogen Density R01kg/m3=(P1+1.013)*2/(0.08314*(273.15+T))
004	!Vessel Volume V=101.2 m3
005	!Actual H2 vessel Mass M1 kg= R01*V
006	Alias VSL_A 87H2-CL01.CPV
007	Alias VSL_B 87H2-CL02.CPV
008	Alias VSL_C 87H2-CL03.CPV
009	Alias VSL_D 87H2-CL04.CPV
010	Alias VSL_E 87H2-CL05.CPV
011	Alias VSL_F 87H2-CL06.CPV
012	
013	CPV= VSL_A+VSL_B+ VSL_C+ VSL_D+ VSL_E+ VSL_F

Tag Detail (87H2LI-0001FO TOTAL H2 MASS VALUE)

Basic

Tag Name	87H2LI-0001FO
Model Name	FOUT
Tag Comment	TOTAL H2 MASS VALUE
Lvl	4
SV Range	
High limit value	1000.0
Low limit value	0.0

Tag Detail (87H2LI-0001A TOTAL H2 MASS VALUE)

Basic

Tag Name	87H2LI-0001A
Model Name	MLD-SW
Tag Comment	TOTAL H2 MASS VALUE
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	1000.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (87H2LI-0001B TOTAL H2 MASS VALUE)

Basic

Tag Name	87H2LI-0001B
Model Name	MLD-SW
Tag Comment	TOTAL H2 MASS VALUE
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	1000.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (87PMTO-0001 FRE WTR COND A50007A/B)

Basic

Tag Name	87PMTO-0001
Model Name	DSET
Tag Comment	FRE WTR COND A50007A/B
Lvl	4
Scan Period	Basic Scan

Tag Detail (87PMTO-0001FO FRE WTR COND A50007A/B)

Basic

Tag Name	87PMTO-0001FO
Model Name	FOUT
Tag Comment	FRE WTR COND A50007A/B
Lvl	4
SV Range	
High limit value	1000.0
Low limit value	0.0

Tag Detail (87PMTO-0001A FRE WTR COND A50007A/B)

Basic

Tag Name	87PMTO-0001A
Model Name	MLD-SW
Tag Comment	FRE WTR COND A50007A/B
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	1000.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000

Data Conversion Bias	0.000

Tag Detail (87PMTO-0001B FRE WTR COND A50007A/B)

Basic	
Tag Name	87PMTO-0001B
Model Name	MLD-SW
Tag Comment	FRE WTR COND A50007A/B
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	1000.0
Low limit value	0.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

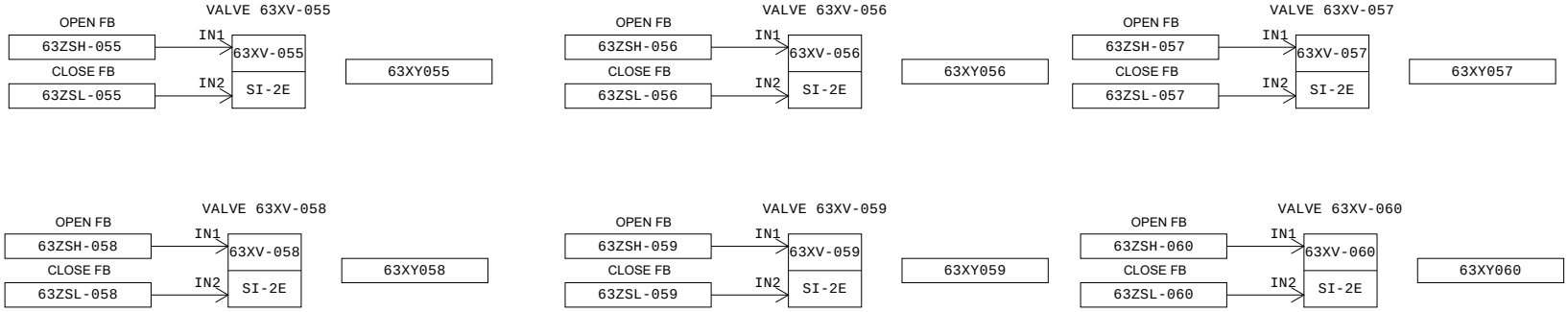
Tag Detail (87EMCS-CAL01)

Basic	
Tag Name	87EMCS-CAL01
Model Name	CALCU
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (87EMCS-CAL01)

Line Number	General-Purpose Calculation Formula
001	ALIAS LDSH1 87LDSH-001AAN.ALRM
002	
003	!if (LDSH1 == IOP+ or LDSH1 == IOP-) then
004	! P01=LDSH1
005	!else
006	! P02=LDSH1
007	!end if
008	

PROJECT:	BLPH-CW1	FILE NAME:	DR0109.edf	SHEET:		YOKOGAWA	PAGE:3-25-34-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:38 AM	COMMENT:	IA VALVES		
SECTION:	DR0109	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0109.edf	SHEET:		YOKOGAWA	PAGE:3-25-34-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:38 AM	COMMENT:	IA VALVES		
SECTION:	DR0109	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP005_001	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
002	TYP005_002	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
003	TYP005_003	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
004	TYP005_004	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
005	TYP005_005	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
006	TYP005_006	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate

PROJECT:	BLPH-CW1	FILE NAME:	DR0109.edf	SHEET:		YOKOGAWA	PAGE:3-25-34-3
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:38 AM	COMMENT:	IA VALVES		
SECTION:	DR0109	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:IA VALVES

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	63XV-055	SI-2E	VALVE 63XV-055	0	0				
						4			
002	63XV-056	SI-2E	VALVE 63XV-056	0	0				
						4			
003	63XV-057	SI-2E	VALVE 63XV-057	0	0				
						4			
004	63XV-058	SI-2E	VALVE 63XV-058	0	0				
						4			
005	63XV-059	SI-2E	VALVE 63XV-059	0	0				
						4			
006	63XV-060	SI-2E	VALVE 63XV-060	0	0				
						4			

Tag Detail (63XV-055 VALVE 63XV-055)

Basic

Tag Name	63XV-055
Model Name	SI-2E
Tag Comment	VALVE 63XV-055
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (63XV-056 VALVE 63XV-056)

Basic

Tag Name	63XV-056
Model Name	SI-2E
Tag Comment	VALVE 63XV-056
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (63XV-057 VALVE 63XV-057)

Basic

Tag Name	63XV-057
Model Name	SI-2E
Tag Comment	VALVE 63XV-057
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (63XV-058 VALVE 63XV-058)

Basic

Tag Name	63XV-058
Model Name	SI-2E
Tag Comment	VALVE 63XV-058
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (63XV-059 VALVE 63XV-059)

Basic

Tag Name	63XV-059
Model Name	SI-2E
Tag Comment	VALVE 63XV-059
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

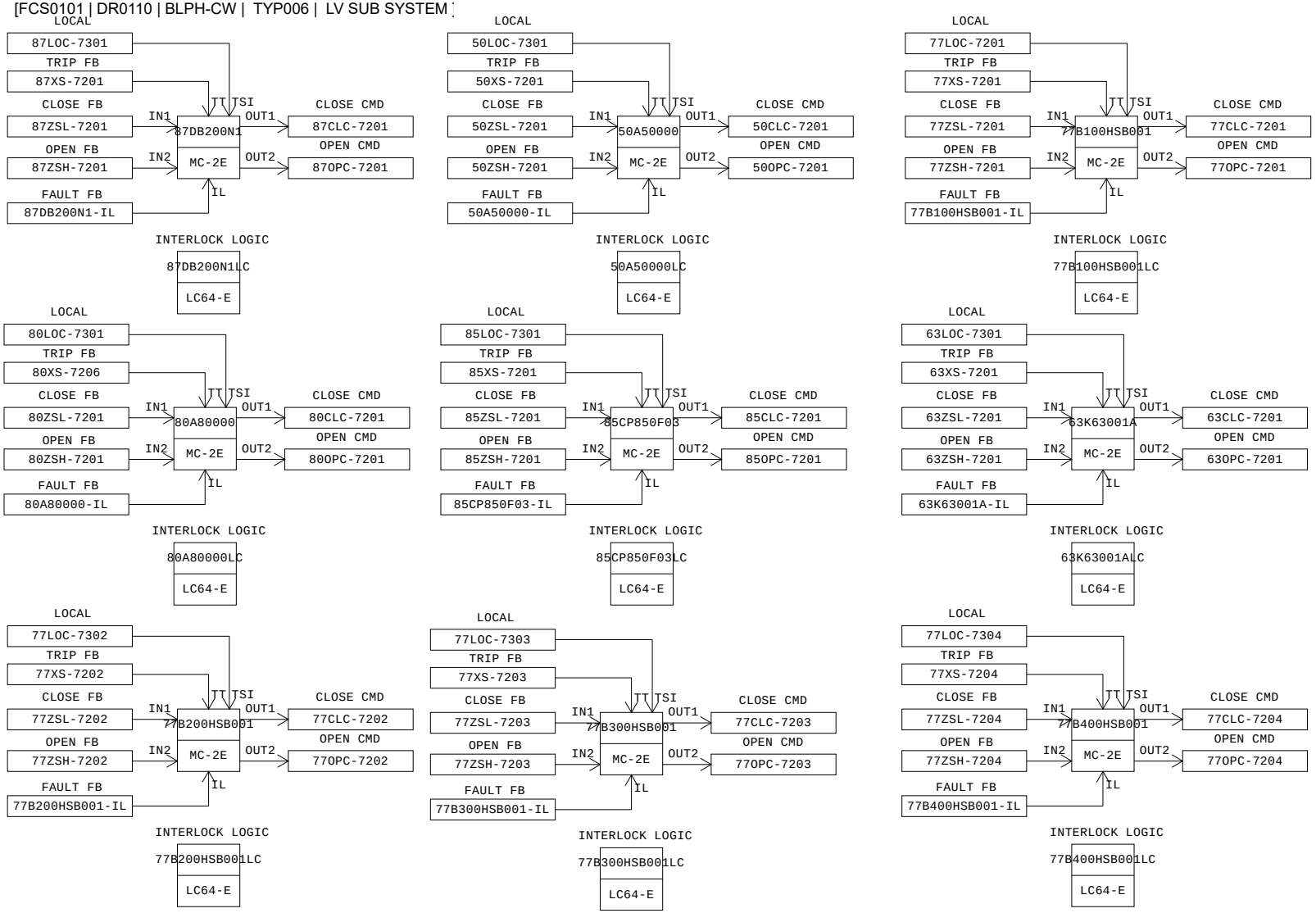
Tag Detail (63XV-060 VALVE 63XV-060)

Basic

Tag Name	63XV-060
Model Name	SI-2E
Tag Comment	VALVE 63XV-060
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

PROJECT:	BLPH-CW1	FILE NAME:	DR0110.edf	SHEET:		YOKOGAWA	PAGE:3-25-35-1
STATION:	FCS0101	SAVED DATE:	7/9/2025 11:47:13 PM	COMMENT:	LV SUBSYTEM CB		
SECTION:	DR0110	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0110 | BLPH-CW | TYP006 | LV SUB SYSTEM]



PROJECT:	BLPH-CW1	FILE NAME:	DR0110.edf	SHEET:		YOKOGAWA	PAGE:3-25-35-2
STATION:	FCS0101	SAVED DATE:	7/9/2025 11:47:13 PM	COMMENT:	LV SUBSYTEM CB		
SECTION:	DR0110	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYTEM CB

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	87DB200N1	MC-2E	DB BOP CB	0.0	100.0	%	3-position Status Input		
						3			
002	87DB200N1LC	LC64-E	INTERLOCK	0	0				
						4			
003	50A50000	MC-2E	WTP CB	0.0	100.0	%	3-position Status Input		
						3			
004	50A50000LC	LC64-E	INTERLOCK	0	0				
						4			
005	77B100HSB001	MC-2E	HVAC PNL HV CB	0.0	100.0	%	3-position Status Input		
						3			
006	77B100HSB001LC	LC64-E	INTERLOCK	0	0				
						4			
007	80A80000	MC-2E	FC AUX LDCB CB	0.0	100.0	%	3-position Status Input		
						3			
008	80A80000LC	LC64-E	INTERLOCK	0	0				
						4			
009	85CP850F03	MC-2E	BESS PCS CAB CB	0.0	100.0	%	3-position Status Input		
						3			
010	85CP850F03LC	LC64-E	INTERLOCK	0	0				
						4			
011	63K63001A	MC-2E	IA 01A CB	0.0	100.0	%	3-position Status Input		
						3			
012	63K63001ALC	LC64-E	INTERLOCK	0	0				
						4			
013	77B200HSB001	MC-2E	HVAC LV RM CB	0.0	100.0	%	3-position Status Input		
						3			
014	77B200HSB001LC	LC64-E	INTERLOCK	0	0				
						4			
015	77B300HSB001	MC-2E	HVAC UPS RM CB	0.0	100.0	%	3-position Status Input		
						3			
016	77B300HSB001LC	LC64-E	INTERLOCK	0	0				
						4			
017	77B400HSB001	MC-2E	HVAC ITER CB	0.0	100.0	%	3-position Status Input		
						3			
018	77B400HSB001LC	LC64-E	INTERLOCK	0	0				
						4			

Tag Detail (87DB200N1 DB BOP CB)

Basic

Tag Name	87DB200N1
Model Name	MC-2E
Tag Comment	DB BOP CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (87DB200N1LC INTERLOCK)

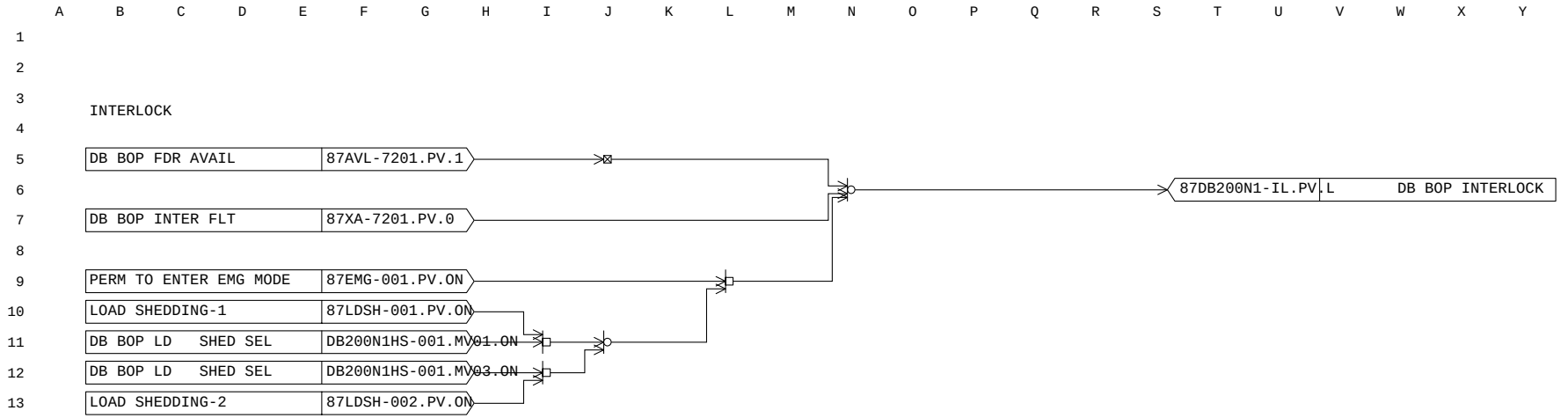
Basic

Tag Name	87DB200N1LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	87DB200N1LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-35-4
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:24:28 AM	COMMENT:	INTERLOCK		
SECTION:	DR0110	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (87DB200N1LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (50A50000 WTP CB)

Basic

Tag Name	50A50000
Model Name	MC-2E
Tag Comment	WTP CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (50A50000LC INTERLOCK)

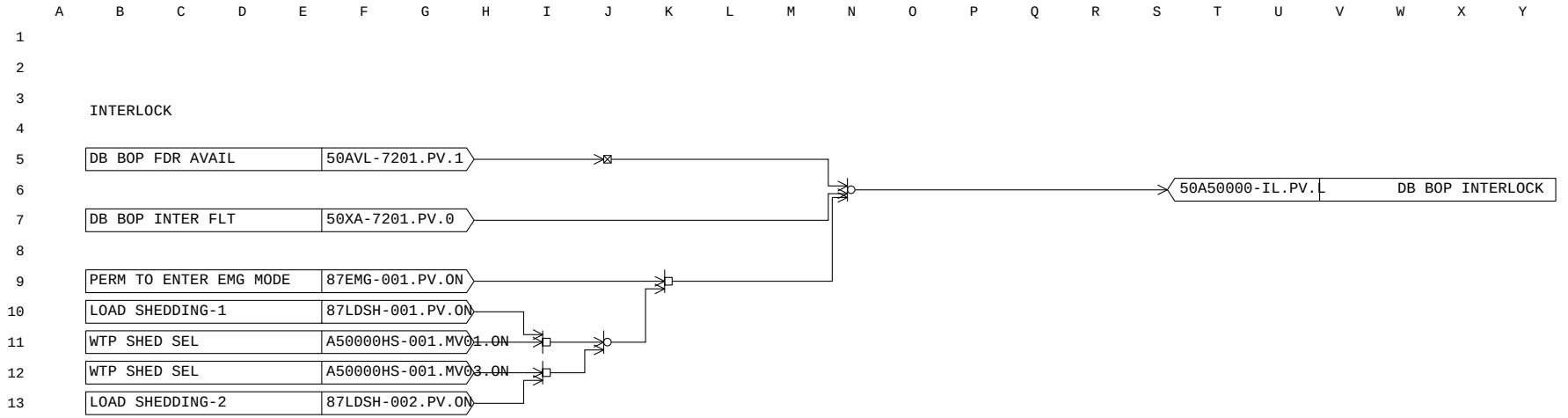
Basic

Tag Name	50A50000LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	50A50000LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-35-6
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:24:28 AM	COMMENT:	INTERLOCK		
SECTION:	DR0110	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (50A50000LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (77B100HSB001 HVAC PNL HV CB)

Basic

Tag Name	77B100HSB001
Model Name	MC-2E
Tag Comment	HVAC PNL HV CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (77B100HSB001LC INTERLOCK)

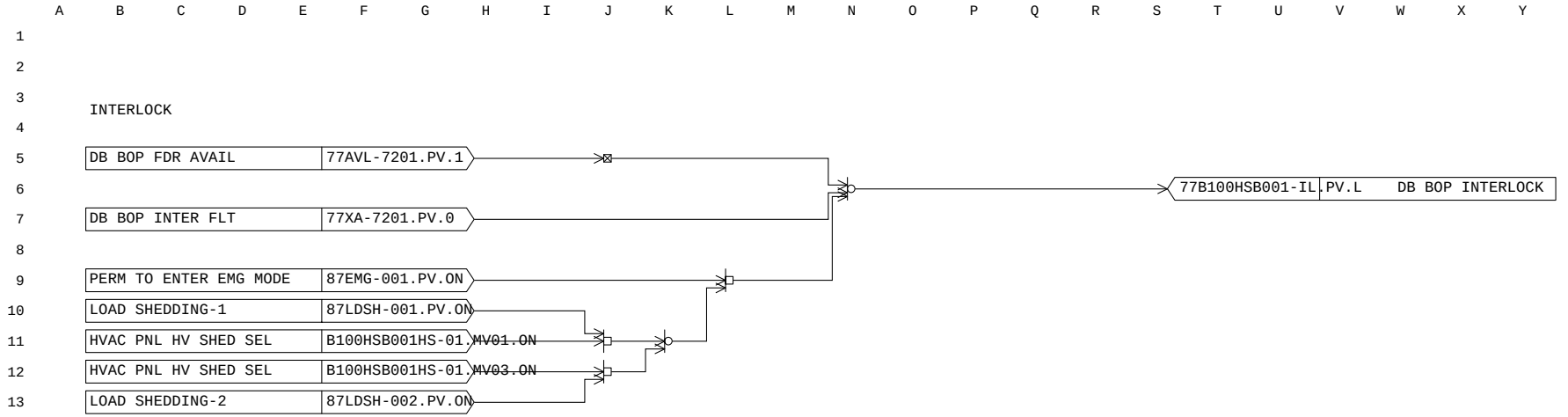
Basic

Tag Name	77B100HSB001LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	77B100HSB001LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-35-8
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:24:28 AM	COMMENT:	INTERLOCK		
SECTION:	DR0110	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (77B100HSB001LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (80A80000 FC AUX LDCB CB)

Basic

Tag Name	80A80000
Model Name	MC-2E
Tag Comment	FC AUX LDCB CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (80A80000LC INTERLOCK)

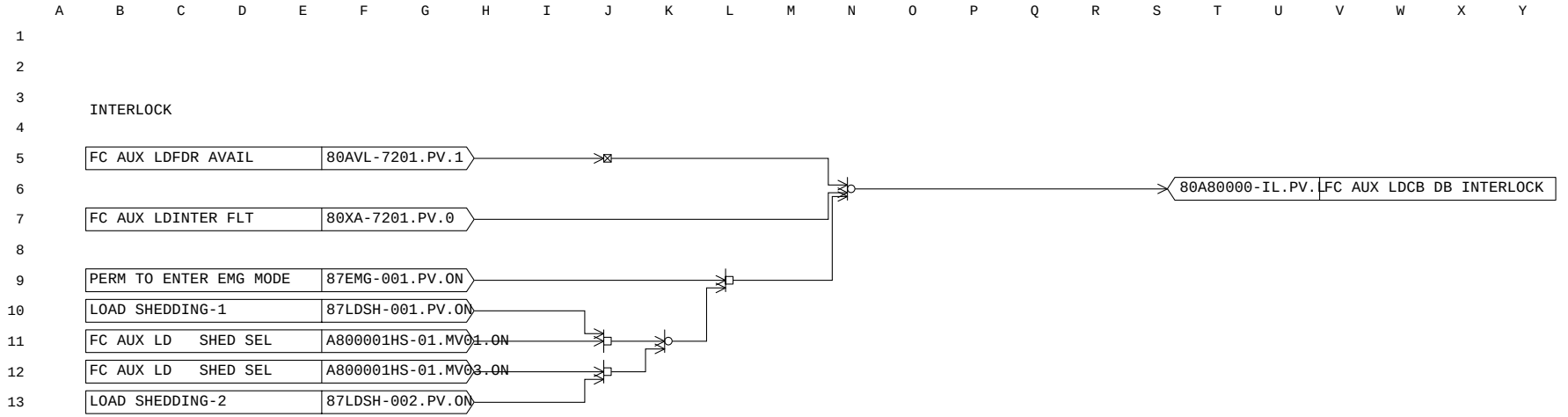
Basic

Tag Name	80A80000LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	80A80000LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-35-10
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:24:28 AM	COMMENT:	INTERLOCK		
SECTION:	DR0110	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (80A80000LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (85CP850F03 BESS PCS CAB CB)

Basic

Tag Name	85CP850F03
Model Name	MC-2E
Tag Comment	BESS PCS CAB CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (85CP850F03LC INTERLOCK)

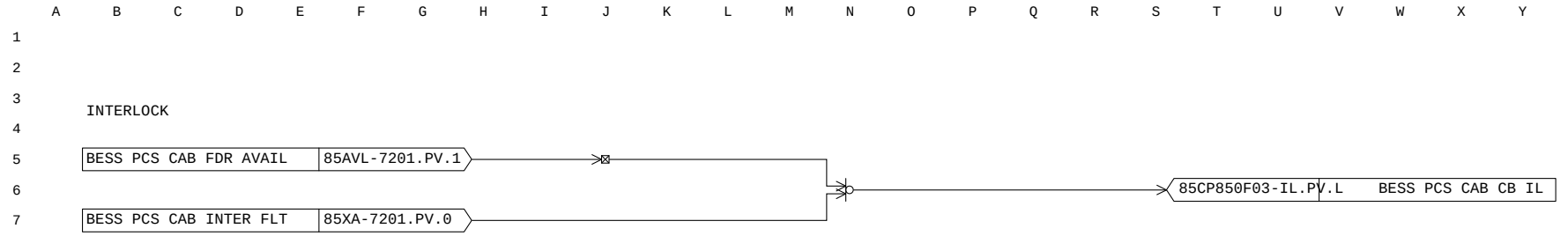
Basic

Tag Name	85CP850F03LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	85CP850F03LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-35-12
STATION:	FCS0101	SAVED DATE:	7/9/2025 11:47:13 PM	COMMENT:	INTERLOCK		
SECTION:	DR0110	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (85CP850F03LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (63K63001A IA 01A CB)

Basic

Tag Name	63K63001A
Model Name	MC-2E
Tag Comment	IA 01A CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (63K63001ALC INTERLOCK)

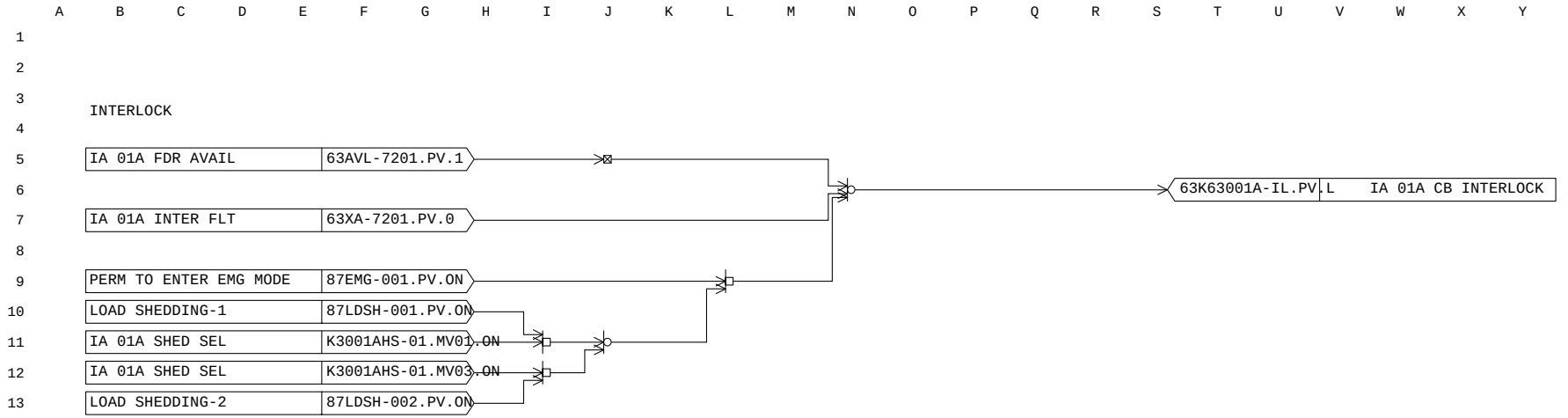
Basic

Tag Name	63K63001ALC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	63K63001ALC.edf	SHEET:		YOKOGAWA	PAGE:3-25-35-14
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:24:28 AM	COMMENT:	INTERLOCK		
SECTION:	DR0110	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (63K63001ALC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (77B200HSB001 HVAC LV RM CB)

Basic

Tag Name	77B200HSB001
Model Name	MC-2E
Tag Comment	HVAC LV RM CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (77B200HSB001LC INTERLOCK)

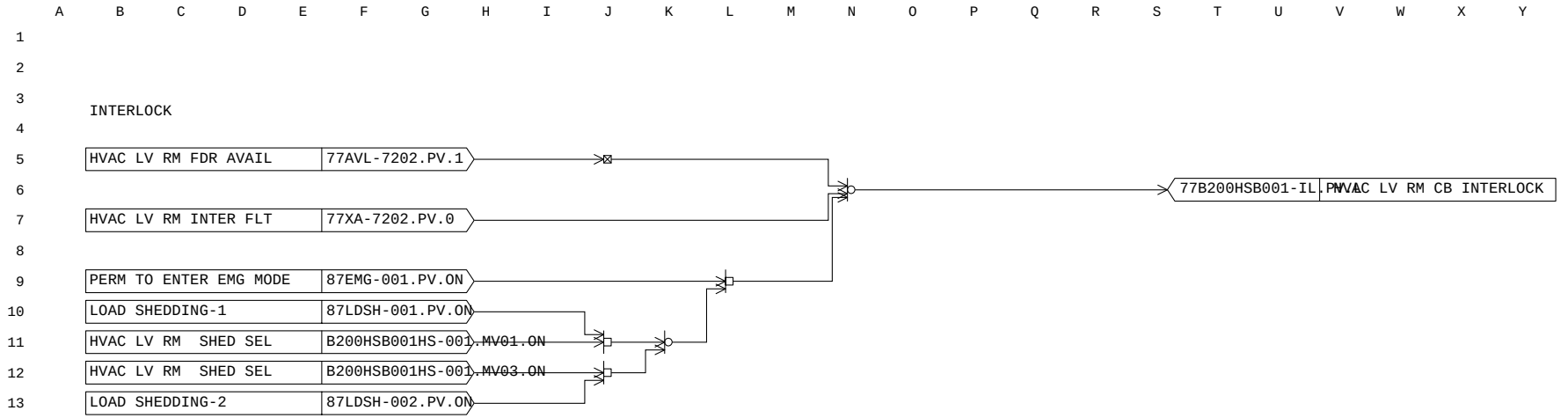
Basic

Tag Name	77B200HSB001LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	77B200HSB001LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-35-16
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:24:28 AM	COMMENT:	INTERLOCK		
SECTION:	DR0110	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (77B200HSB001LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (77B300HSB001 HVAC UPS RM CB)

Basic

Tag Name	77B300HSB001
Model Name	MC-2E
Tag Comment	HVAC UPS RM CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (77B300HSB001LC INTERLOCK)

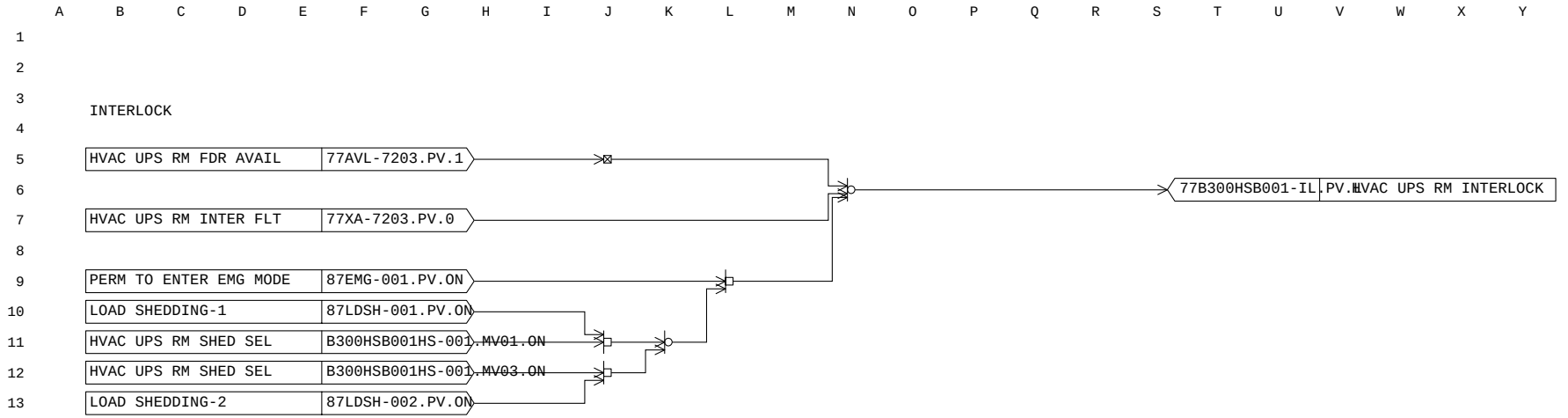
Basic

Tag Name	77B300HSB001LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	77B300HSB001LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-35-18
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:24:28 AM	COMMENT:	INTERLOCK		
SECTION:	DR0110	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (77B300HSB001LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (77B400HSB001 HVAC ITER CB)

Basic

Tag Name	77B400HSB001
Model Name	MC-2E
Tag Comment	HVAC ITER CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (77B400HSB001LC INTERLOCK)

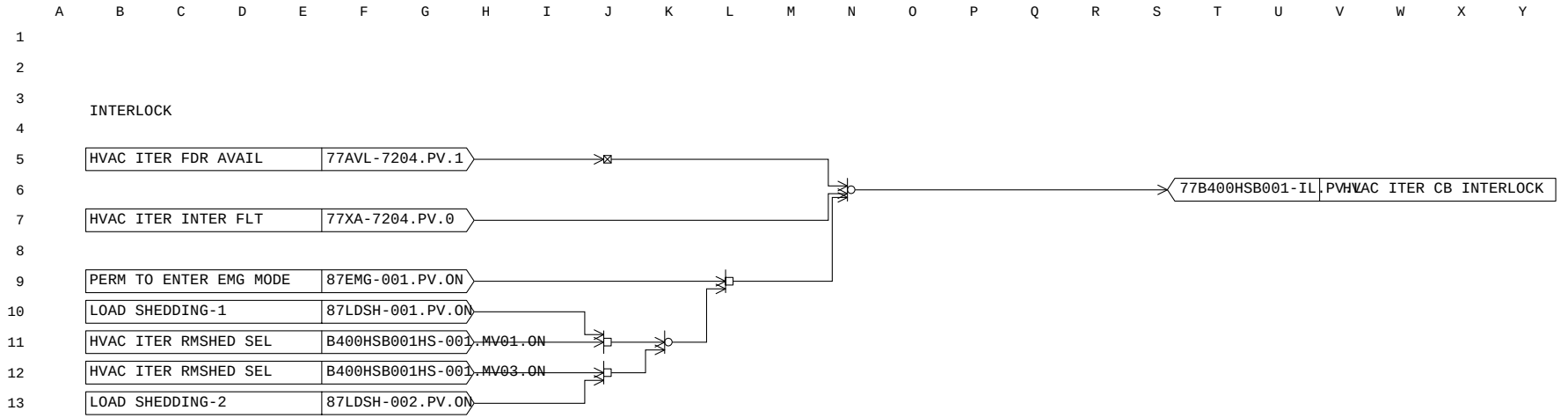
Basic

Tag Name	77B400HSB001LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	77B400HSB001LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-35-20
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:24:28 AM	COMMENT:	INTERLOCK		
SECTION:	DR0110	PRINTED DATE:	9/15/2025	DRAWER:			

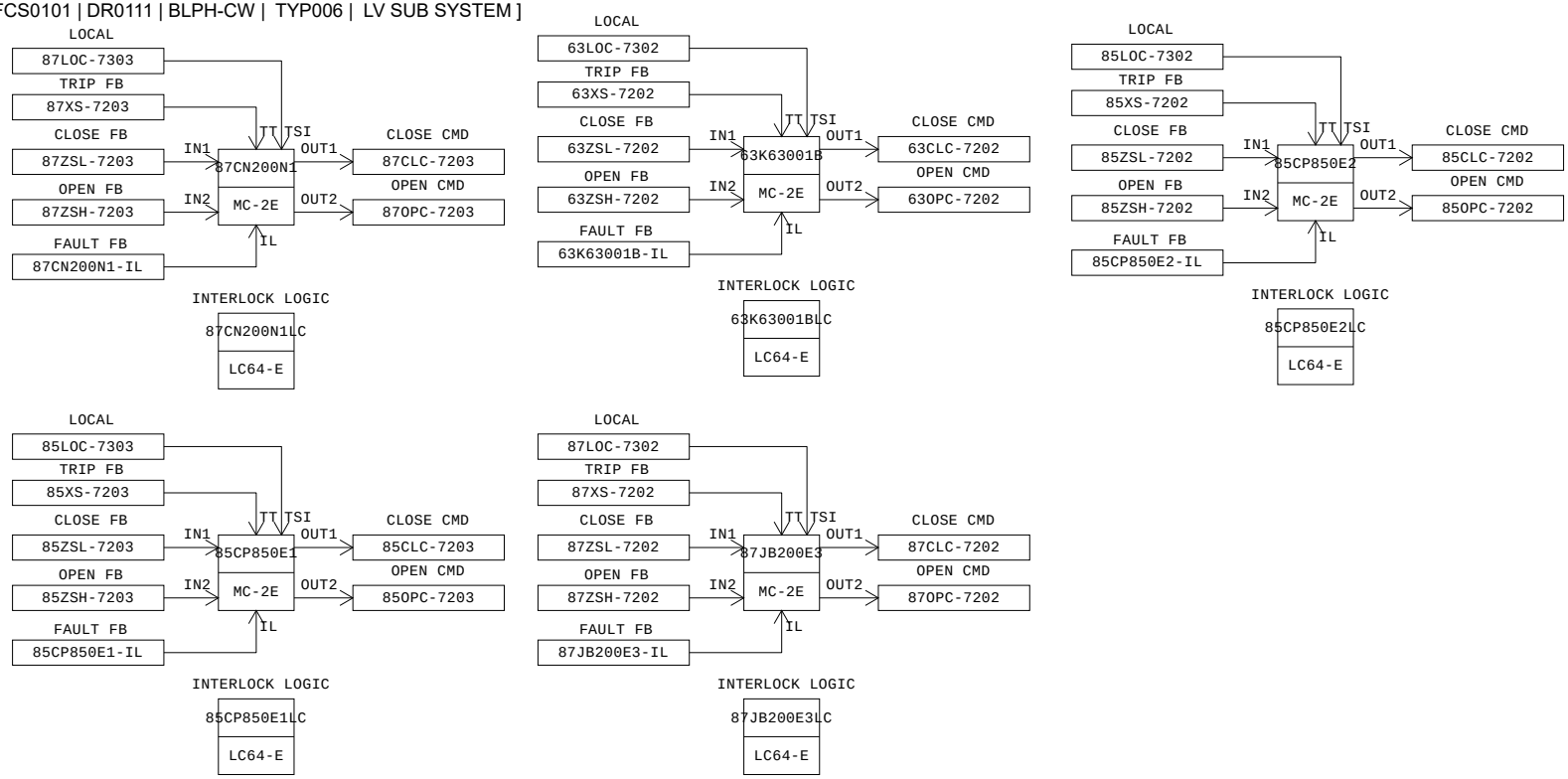
Logic Chart (77B400HSB001LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



PROJECT:	BLPH-CW1	FILE NAME:	DR0111.edf	SHEET:		YOKOGAWA	PAGE:3-25-36-1
STATION:	FCS0101	SAVED DATE:	7/9/2025 11:46:17 PM	COMMENT:	LV SUBSYTEM CB		
SECTION:	DR0111	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0111 | BLPH-CW | TYP006 | LV SUB SYSTEM]



PROJECT:	BLPH-CW1	FILE NAME:	DR0111.edf	SHEET:		YOKOGAWA	PAGE:3-25-36-2
STATION:	FCS0101	SAVED DATE:	7/9/2025 11:46:17 PM	COMMENT:	LV SUBSYTEM CB		
SECTION:	DR0111	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYTEM CB

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	87CN200N1	MC-2E	ICCP CB	0.0	100.0	%	3-position Status Input		
						3			
002	87CN200N1LC	LC64-E	INTERLOCK	0	0				
						4			
003	63K63001B	MC-2E	IA 01B CB	0.0	100.0	%	3-position Status Input		
						3			
004	63K63001BLC	LC64-E	INTERLOCK	0	0				
						4			
005	85CP850E2	MC-2E	BESS LV1 CB	0.0	100.0	%	3-position Status Input		
						3			
006	85CP850E2LC	LC64-E	INTERLOCK	0	0				
						4			
007	85CP850E1	MC-2E	BESS LV1 CB	0.0	100.0	%	3-position Status Input		
						3			
008	85CP850E1LC	LC64-E	INTERLOCK	0	0				
						4			
009	87JB200E3	MC-2E	CRANE CB	0.0	100.0	%	3-position Status Input		
						3			
010	87JB200E3LC	LC64-E	INTERLOCK	0	0				
						4			

Tag Detail (87CN200N1 ICCP CB)

Basic

Tag Name	87CN200N1
Model Name	MC-2E
Tag Comment	ICCP CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (87CN200N1LC INTERLOCK)

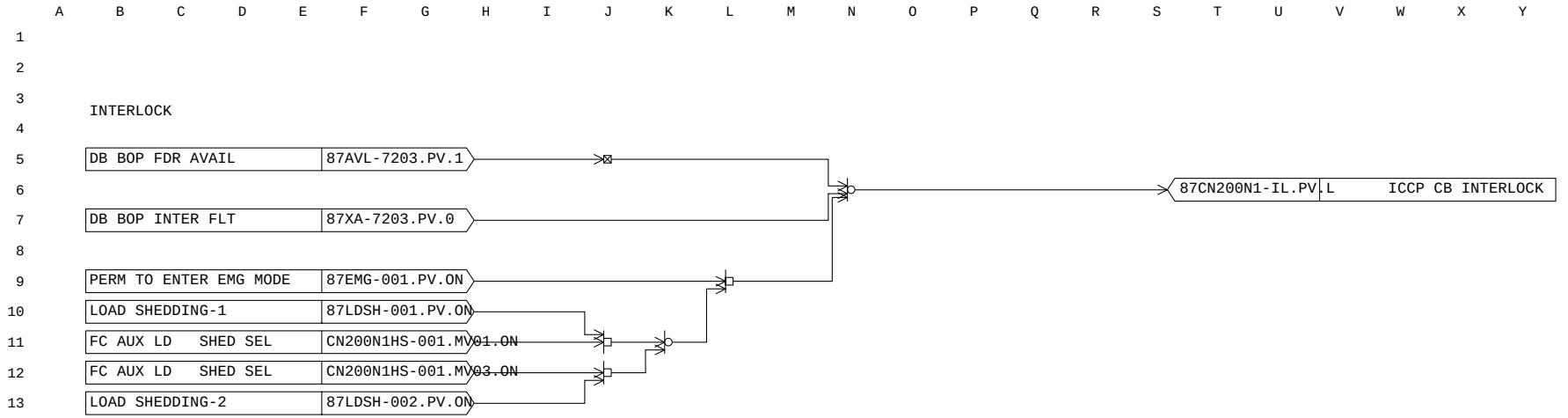
Basic

Tag Name	87CN200N1LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	87CN200N1LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-36-4
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:17:52 AM	COMMENT:	INTERLOCK		
SECTION:	DR0111	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (87CN200N1LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (63K63001B IA 01B CB)

Basic

Tag Name	63K63001B
Model Name	MC-2E
Tag Comment	IA 01B CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (63K63001BLC INTERLOCK)

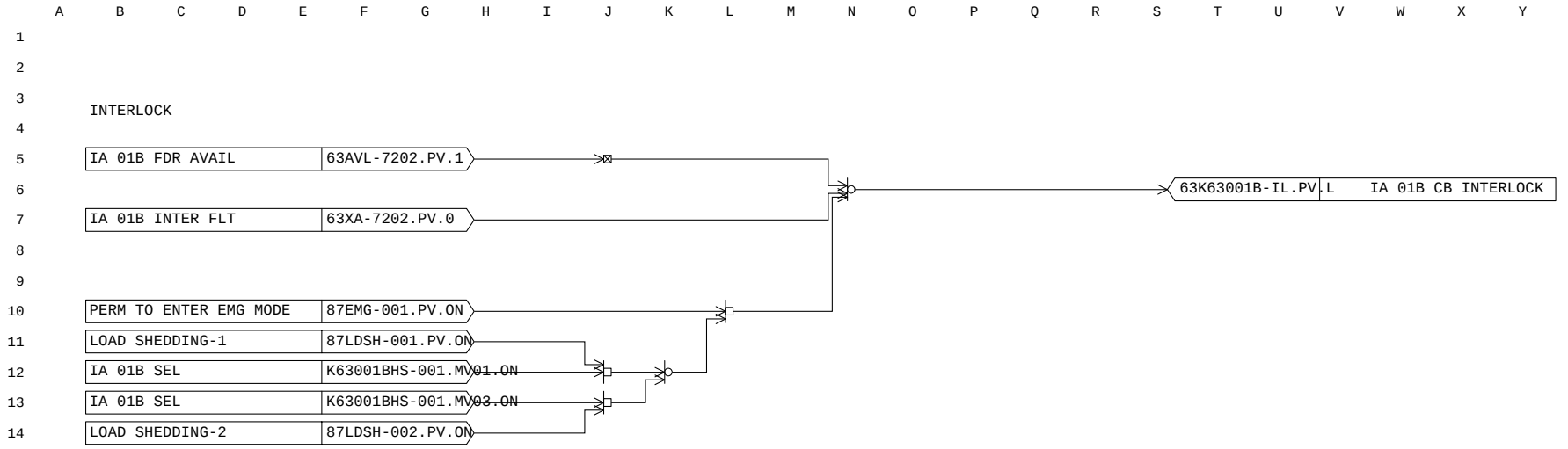
Basic

Tag Name	63K63001BLC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	63K63001BLC.edf	SHEET:		YOKOGAWA	PAGE:3-25-36-6
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:17:52 AM	COMMENT:	INTERLOCK		
SECTION:	DR0111	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (63K63001BLC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (85CP850E2 BESS LV1 CB)

Basic

Tag Name	85CP850E2
Model Name	MC-2E
Tag Comment	BESS LV1 CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (85CP850E2LC INTERLOCK)

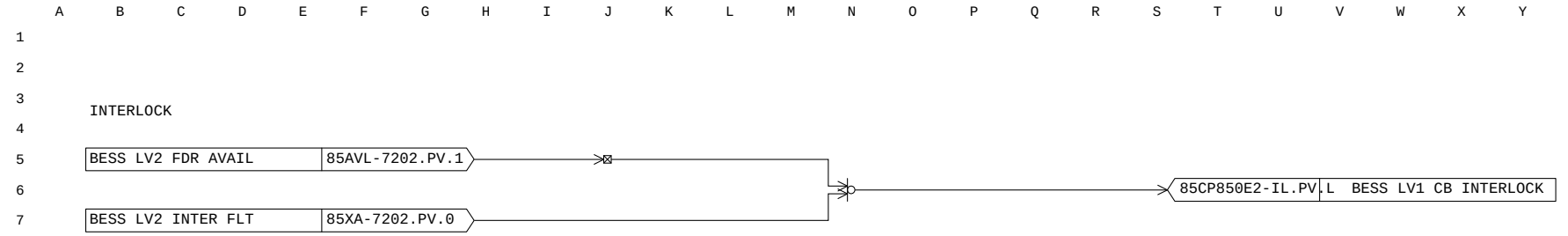
Basic

Tag Name	85CP850E2LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	85CP850E2LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-36-8
STATION:	FCS0101	SAVED DATE:	7/9/2025 11:46:17 PM	COMMENT:	INTERLOCK		
SECTION:	DR0111	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (85CP850E2LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (85CP850E1 BESS LV1 CB)

Basic

Tag Name	85CP850E1
Model Name	MC-2E
Tag Comment	BESS LV1 CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (85CP850E1LC INTERLOCK)

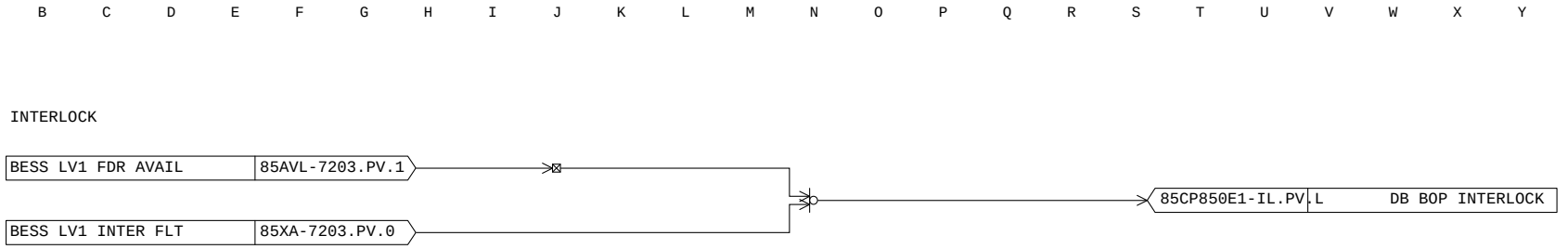
Basic

Tag Name	85CP850E1LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	85CP850E1LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-36-10
STATION:	FCS0101	SAVED DATE:	7/9/2025 11:46:17 PM	COMMENT:	INTERLOCK		
SECTION:	DR0111	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (85CP850E1LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (87JB200E3 CRANE CB)

Basic

Tag Name	87JB200E3
Model Name	MC-2E
Tag Comment	CRANE CB
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (87JB200E3LC INTERLOCK)

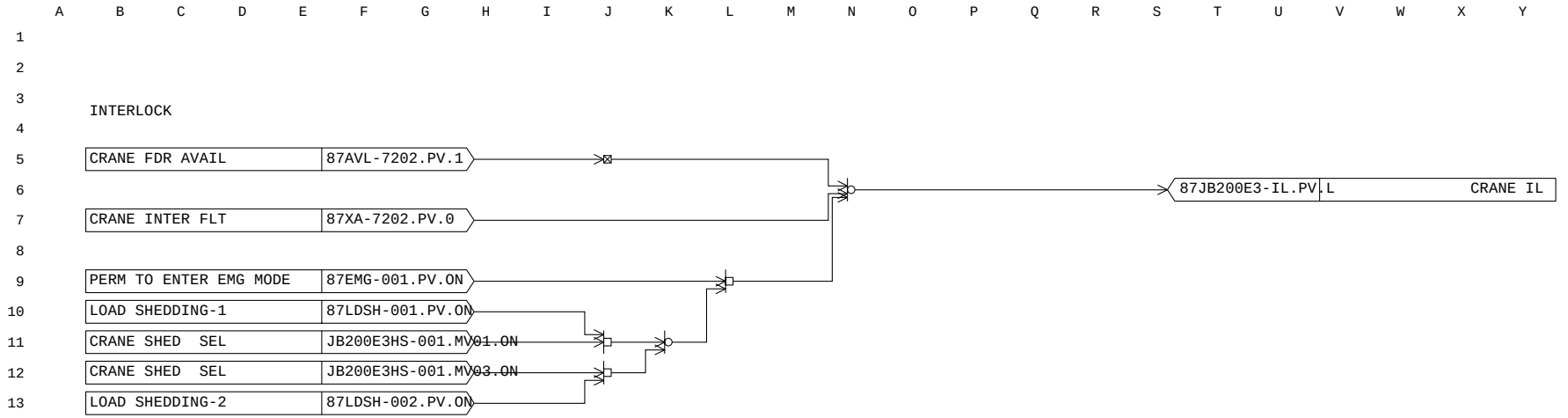
Basic

Tag Name	87JB200E3LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	87JB200E3LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-36-12
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:17:52 AM	COMMENT:	INTERLOCK		
SECTION:	DR0111	PRINTED DATE:	9/15/2025	DRAWER:			

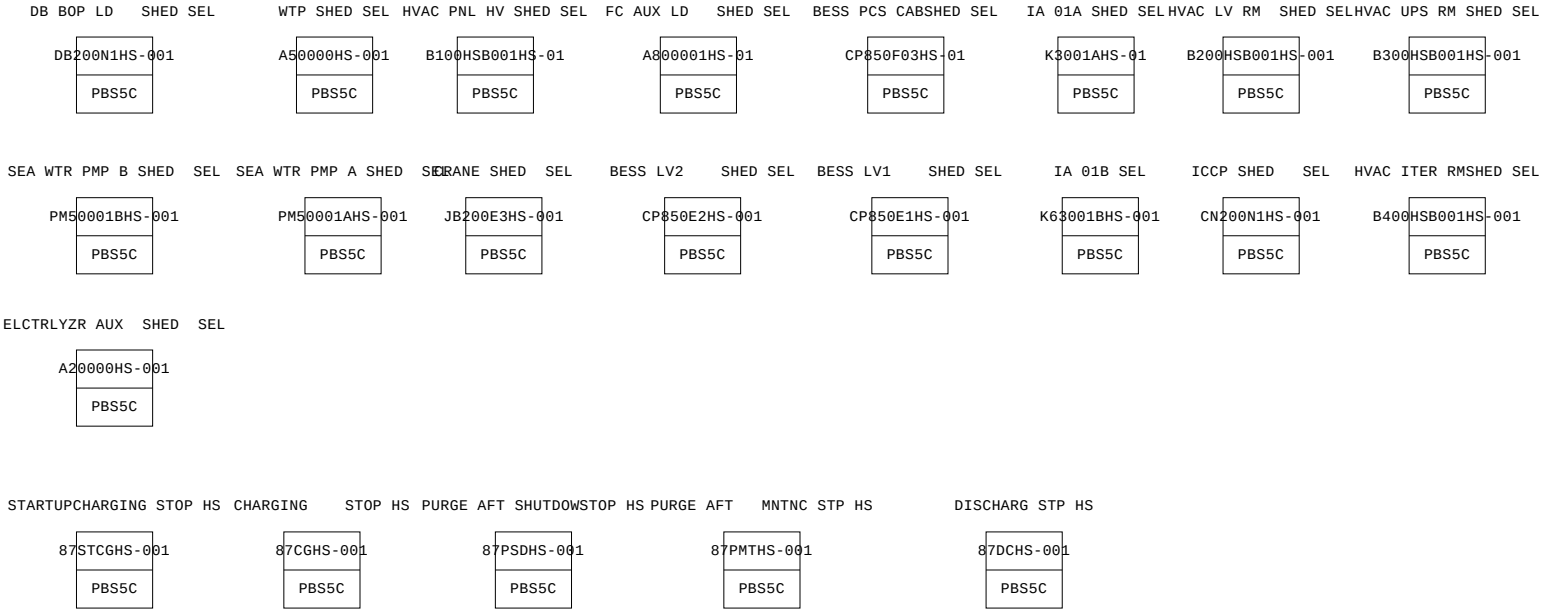
Logic Chart (87JB200E3LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



PROJECT:	BLPH-CW1	FILE NAME:	DR0112.edf	SHEET:		YOKOGAWA	PAGE:3-25-37-1
STATION:	FCS0101	SAVED DATE:	4/16/2025 11:07:27 AM	COMMENT:	LOAD SHED SELECTION PB		
SECTION:	DR0112	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0112 | BLPH-CW | UPS SUB-SYSTEM



PROJECT:	BLPH-CW1	FILE NAME:	DR0112.edf	SHEET:		YOKOGAWA	PAGE:3-25-37-2
STATION:	FCS0101	SAVED DATE:	4/16/2025 11:07:27 AM	COMMENT:	LOAD SHED SELECTION PB		
SECTION:	DR0112	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LOAD SHED SELECTION PB

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	DB200N1HS-001	PBS5C	DB BOP LD SHED SEL	0	0	4			
002	A50000HS-001	PBS5C	WTP SHED SEL	0	0	4			
003	B100HSB001HS-01	PBS5C	HVAC PNL HV SHED SEL	0	0	4			
004	A800001HS-01	PBS5C	FC AUX LD SHED SEL	0	0	4			
005	CP850F03HS-01	PBS5C	BESS PCS CABSHED SEL	0	0	4			
006	K3001AHS-01	PBS5C	IA 01A SHED SEL	0	0	4			
007	B200HSB001HS-001	PBS5C	HVAC LV RM SHED SEL	0	0	4			
008	B300HSB001HS-001	PBS5C	HVAC UPS RM SHED SEL	0	0	4			
009	B400HSB001HS-001	PBS5C	HVAC ITER RMSHED SEL	0	0	4			
010	CN200N1HS-001	PBS5C	ICCP SHED SEL	0	0	4			
011	K63001BHS-001	PBS5C	IA 01B SEL	0	0	4			
012	CP850E1HS-001	PBS5C	BESS LV1 SHED SEL	0	0	4			
013	CP850E2HS-001	PBS5C	BESS LV2 SHED SEL	0	0	4			
014	JB200E3HS-001	PBS5C	CRANE SHED SEL	0	0	4			
015	PM50001AHS-001	PBS5C	SEA WTR PMP A SHED SEL	0	0	4			
016	PM50001BHS-001	PBS5C	SEA WTR PMP B SHED SEL	0	0	4			
017	A20000HS-001	PBS5C	ELCTRLYZR AUX SHED SEL	0	0	4			
018	87STCGHS-001	PBS5C	STARTUPCHARGING STOP HS	0	0	4			
019	87CGHS-001	PBS5C	CHARGING STOP HS	0	0	4			
020	87PSDHS-001	PBS5C	PURGE AFT SHUTDOWSTOP HS	0	0	4			
021	87PMTHS-001	PBS5C	PURGE AFT MNTNC STP HS	0	0	4			
022	87DCHS-001	PBS5C	DISCHARG STP HS	0	0	4			

Tag Detail (DB200N1HS-001 DB BOP LD SHED SEL)

Basic

Tag Name	DB200N1HS-001
Model Name	PBS5C
Tag Comment	DB BOP LD SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	DB200N1HS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	DB200N1HS-001.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	DB200N1HS-001.MV05
Operation Command 1 Connection Destination	DB200N1HS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	DB200N1HS-001.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	DB200N1HS-001.MV05
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (A50000HS-001 WTP SHED SEL)

Basic

Tag Name	A50000HS-001
Model Name	PBS5C
Tag Comment	WTP SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	A50000HS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	A50000HS-001.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	A50000HS-001.MV05
Operation Command 1 Connection Destination	A50000HS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	A50000HS-001.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	A50000HS-001.MV05
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (B100HSB001HS-01 HVAC PNL HV SHED SEL)

Basic

Tag Name	B100HSB001HS-01
Model Name	PBS5C
Tag Comment	HVAC PNL HV SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	B100HSB001HS-01.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	B100HSB001HS-01.MV03
Connection Destination of Switch Status 4	

Connection Destination of Switch Status 5	B100HSB001HS-01.MV05
Operation Command 1 Connection Destination	B100HSB001HS-01.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	B100HSB001HS-01.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	B100HSB001HS-01.MV05
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (A800001HS-01 FC AUX LD SHED SEL)

Basic

Tag Name	A800001HS-01
Model Name	PBS5C
Tag Comment	FC AUX LD SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	A800001HS-01.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	A800001HS-01.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	A800001HS-01.MV05
Operation Command 1 Connection Destination	A800001HS-01.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	A800001HS-01.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	A800001HS-01.MV05
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (CP850F03HS-01 BESS PCS CABSHED SEL)

Basic

Tag Name	CP850F03HS-01
Model Name	PBS5C
Tag Comment	BESS PCS CABSHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	CP850F03HS-01.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	CP850F03HS-01.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	CP850F03HS-01.MV05
Operation Command 1 Connection Destination	CP850F03HS-01.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	CP850F03HS-01.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	CP850F03HS-01.MV05
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red

004 Not used	OFF	ON	White	Red	
005 Button with Lamp	NONE	NONE	White	Red	

Tag Detail (K3001AHS-01 IA 01A SHED SEL)

Basic

Tag Name	K3001AHS-01
Model Name	PBS5C
Tag Comment	IA 01A SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	K3001AHS-01.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	K3001AHS-01.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	K3001AHS-01.MV05
Operation Command 1 Connection Destination	K3001AHS-01.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	K3001AHS-01.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	K3001AHS-01.MV05
Interlock Switch Input	

Switch Attributes

No. Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001 Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002 Not used	OFF	ON	White	Red
003 Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004 Not used	OFF	ON	White	Red
005 Button with Lamp	NONE	NONE	White	Red

Tag Detail (B200HSB001HS-001 HVAC LV RM SHED SEL)

Basic

Tag Name	B200HSB001HS-001
Model Name	PBS5C
Tag Comment	HVAC LV RM SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	B200HSB001HS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	B200HSB001HS-001.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	B200HSB001HS-001.MV05
Operation Command 1 Connection Destination	B200HSB001HS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	B200HSB001HS-001.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	B200HSB001HS-001.MV05
Interlock Switch Input	

Switch Attributes

No. Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001 Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002 Not used	OFF	ON	White	Red
003 Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004 Not used	OFF	ON	White	Red
005 Button with Lamp	NONE	NONE	White	Red

Tag Detail (B300HSB001HS-001 HVAC UPS RM SHED SEL)

Basic

Tag Name	B300HSB001HS-001
Model Name	PBS5C
Tag Comment	HVAC UPS RM SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	

Alarm Status Connection Target
Connection Destination of Switch Status 1 B300HSB001HS-001.MV01
Connection Destination of Switch Status 2
Connection Destination of Switch Status 3 B300HSB001HS-001.MV03
Connection Destination of Switch Status 4
Connection Destination of Switch Status 5 B300HSB001HS-001.MV05
Operation Command 1 Connection Destination B300HSB001HS-001.MV01
Operation Command 2 Connection Destination
Operation Command 3 Connection Destination B300HSB001HS-001.MV03
Operation Command 4 Connection Destination
Operation Command 5 Connection Destination B300HSB001HS-001.MV05
Interlock Switch Input

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (B400HSB001HS-001 HVAC ITER RMSHED SEL)

Basic
Tag Name B400HSB001HS-001
Model Name PBS5C
Tag Comment HVAC ITER RMSHED SEL
Lvl 4
Scan Period Basic Scan
Connection Information
Block Mode Connection Target
Block Status Connection Target
Alarm Status Connection Target
Connection Destination of Switch Status 1 B400HSB001HS-001.MV01
Connection Destination of Switch Status 2
Connection Destination of Switch Status 3 B400HSB001HS-001.MV03
Connection Destination of Switch Status 4
Connection Destination of Switch Status 5 B400HSB001HS-001.MV05
Operation Command 1 Connection Destination B400HSB001HS-001.MV01
Operation Command 2 Connection Destination
Operation Command 3 Connection Destination B400HSB001HS-001.MV03
Operation Command 4 Connection Destination
Operation Command 5 Connection Destination B400HSB001HS-001.MV05
Interlock Switch Input

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (CN200N1HS-001 ICCP SHED SEL)

Basic
Tag Name CN200N1HS-001
Model Name PBS5C
Tag Comment ICCP SHED SEL
Lvl 4
Scan Period Basic Scan
Connection Information
Block Mode Connection Target
Block Status Connection Target
Alarm Status Connection Target
Connection Destination of Switch Status 1 CN200N1HS-001.MV01
Connection Destination of Switch Status 2
Connection Destination of Switch Status 3 CN200N1HS-001.MV03
Connection Destination of Switch Status 4
Connection Destination of Switch Status 5 CN200N1HS-001.MV05
Operation Command 1 Connection Destination CN200N1HS-001.MV01
Operation Command 2 Connection Destination
Operation Command 3 Connection Destination CN200N1HS-001.MV03
Operation Command 4 Connection Destination
Operation Command 5 Connection Destination CN200N1HS-001.MV05
Interlock Switch Input

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (K63001BHS-001 IA 01B SEL)

Basic

Tag Name	K63001BHS-001
Model Name	PBS5C
Tag Comment	IA 01B SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	K63001BHS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	K63001BHS-001.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	K63001BHS-001.MV05
Operation Command 1 Connection Destination	K63001BHS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	K63001BHS-001.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	K63001BHS-001.MV05
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (CP850E1HS-001 BESS LV1 SHED SEL)

Basic

Tag Name	CP850E1HS-001
Model Name	PBS5C
Tag Comment	BESS LV1 SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	CP850E1HS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	CP850E1HS-001.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	CP850E1HS-001.MV05
Operation Command 1 Connection Destination	CP850E1HS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	CP850E1HS-001.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	CP850E1HS-001.MV05
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (CP850E2HS-001 BESS LV2 SHED SEL)

Basic

Tag Name	CP850E2HS-001
Model Name	PBS5C
Tag Comment	BESS LV2 SHED SEL

Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	CP850E2HS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	CP850E2HS-001.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	CP850E2HS-001.MV05
Operation Command 1 Connection Destination	CP850E2HS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	CP850E2HS-001.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	CP850E2HS-001.MV05
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (JB200E3HS-001 CRANE SHED SEL)

Basic

Tag Name	JB200E3HS-001
Model Name	PBS5C
Tag Comment	CRANE SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	JB200E3HS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	JB200E3HS-001.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	JB200E3HS-001.MV05
Operation Command 1 Connection Destination	JB200E3HS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	JB200E3HS-001.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	JB200E3HS-001.MV05
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (PM50001AHS-001 SEA WTR PMP A SHED SEL)

Basic

Tag Name	PM50001AHS-001
Model Name	PBS5C
Tag Comment	SEA WTR PMP A SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	PM50001AHS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	PM50001AHS-001.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	PM50001AHS-001.MV05
Operation Command 1 Connection Destination	PM50001AHS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	PM50001AHS-001.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	PM50001AHS-001.MV05

Interlock Switch Input

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (PM50001BHS-001 SEA WTR PMP B SHED SEL)

Basic

Tag Name	PM50001BHS-001
Model Name	PBS5C
Tag Comment	SEA WTR PMP B SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	PM50001BHS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	PM50001BHS-001.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	PM50001BHS-001.MV05
Operation Command 1 Connection Destination	PM50001BHS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	PM50001BHS-001.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	PM50001BHS-001.MV05
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (A20000HS-001 ELCTRLYZR AUX SHED SEL)

Basic

Tag Name	A20000HS-001
Model Name	PBS5C
Tag Comment	ELCTRLYZR AUX SHED SEL
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	A20000HS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	A20000HS-001.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	A20000HS-001.MV05
Operation Command 1 Connection Destination	A20000HS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	A20000HS-001.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	A20000HS-001.MV05
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	LDSHED-1	LDSHED-1	White	Red
002	Not used	OFF	ON	White	Red
003	Button with Lamp	LDSHED-2	LDSHED-2	White	Red
004	Not used	OFF	ON	White	Red
005	Button with Lamp	NONE	NONE	White	Red

Tag Detail (87STCGHS-001 STARTUPCHARGING STOP HS)

Basic

Tag Name	87STCGHS-001
Model Name	PBS5C
Tag Comment	STARTUPCHARGING STOP HS
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	87STCGHS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	87STCGHS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	STOP	STOP	White	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (87CGHS-001 CHARGING STOP HS)

Basic

Tag Name	87CGHS-001
Model Name	PBS5C
Tag Comment	CHARGING STOP HS
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	87CGHS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	87CGHS-001.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	STOP	STOP	White	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (87PSDHS-001 PURGE AFT SHUTDOWSTOP HS)

Basic

Tag Name	87PSDHS-001
Model Name	PBS5C
Tag Comment	PURGE AFT SHUTDOWSTOP HS
Lvl	4
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	87PSDHS-001.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	

Operation Command 1 Connection Destination 87PSDHS-001.MV01
Operation Command 2 Connection Destination
Operation Command 3 Connection Destination
Operation Command 4 Connection Destination
Operation Command 5 Connection Destination
Interlock Switch Input

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	STOP	STOP	White	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (87PMTHS-001 PURGE AFT MNTNC STP HS)

Basic

Tag Name 87PMTHS-001
Model Name PBS5C
Tag Comment PURGE AFT MNTNC STP HS
Lvl 4
Scan Period Basic Scan
Connection Information
Block Mode Connection Target
Block Status Connection Target
Alarm Status Connection Target
Connection Destination of Switch Status 1 87PMTHS-001.MV01
Connection Destination of Switch Status 2
Connection Destination of Switch Status 3
Connection Destination of Switch Status 4
Connection Destination of Switch Status 5
Operation Command 1 Connection Destination 87PMTHS-001.MV01
Operation Command 2 Connection Destination
Operation Command 3 Connection Destination
Operation Command 4 Connection Destination
Operation Command 5 Connection Destination
Interlock Switch Input

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	STOP	STOP	White	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (87DCHS-001 DISCHARG STP HS)

Basic

Tag Name 87DCHS-001
Model Name PBS5C
Tag Comment DISCHARG STP HS
Lvl 4
Scan Period Basic Scan
Connection Information
Block Mode Connection Target
Block Status Connection Target
Alarm Status Connection Target
Connection Destination of Switch Status 1 87DCHS-001.MV01
Connection Destination of Switch Status 2
Connection Destination of Switch Status 3
Connection Destination of Switch Status 4
Connection Destination of Switch Status 5
Operation Command 1 Connection Destination 87DCHS-001.MV01
Operation Command 2 Connection Destination
Operation Command 3 Connection Destination
Operation Command 4 Connection Destination
Operation Command 5 Connection Destination
Interlock Switch Input

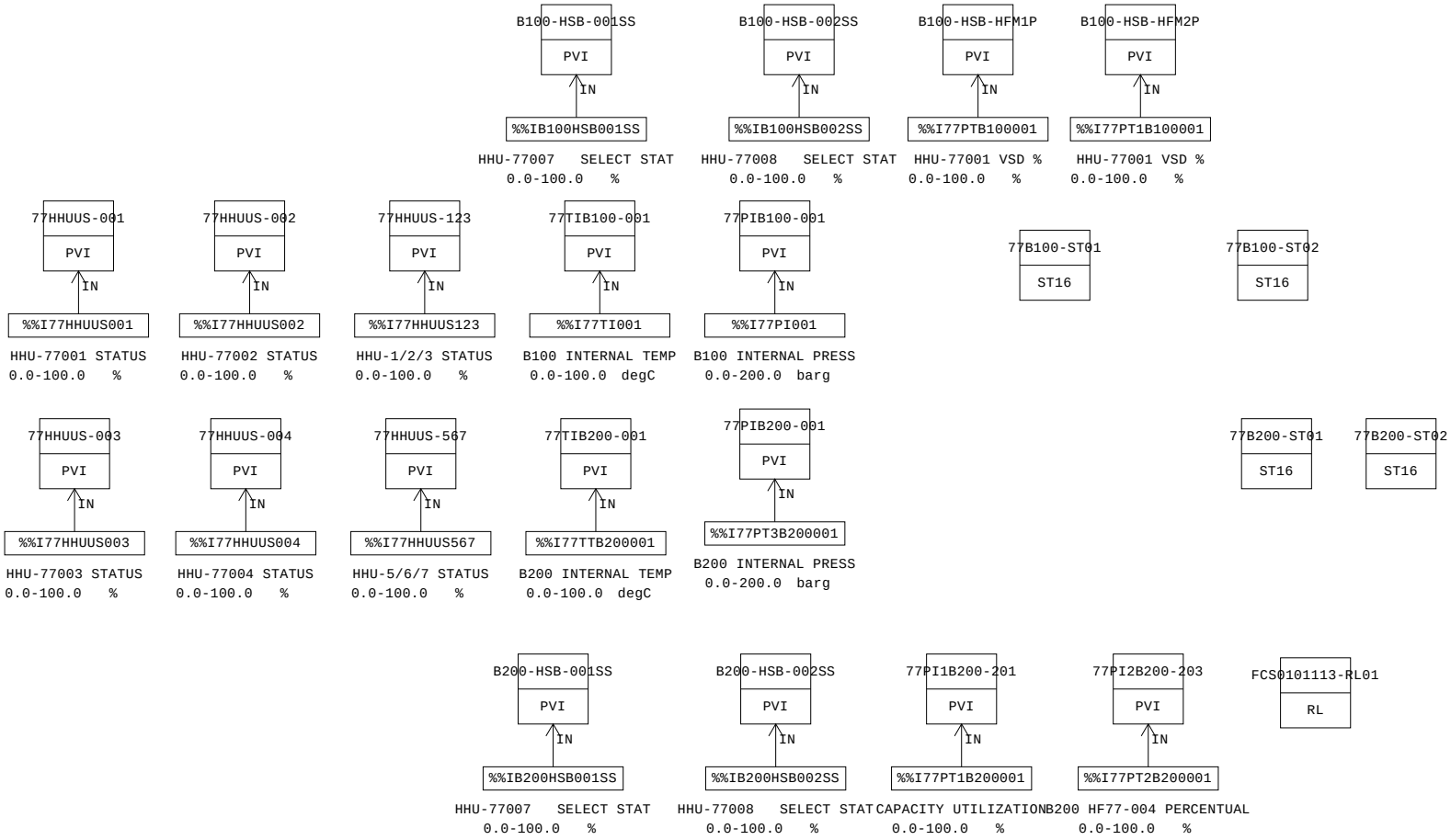
Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	STOP	STOP	White	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red

PROJECT:	BLPH-CW1	FILE NAME:	87DCHS-001.edf	SHEET:		YOKOGAWA	PAGE:3-2 5-37-12
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:15:46 AM	COMMENT:	DISCHARG STP HS		
SECTION:	DR0112	PRINTED DATE:	9/15/2025	DRAWER:			

005	Not used	OFF	ON	White	Red

PROJECT:	BLPH-CW1	FILE NAME:	DR0113.edf	SHEET:		YOKOGAWA	PAGE:3-25-38-1
STATION:	FCS0101	SAVED DATE:	5/14/2025 4:45:14 AM	COMMENT:	HVAC B100, B200		
SECTION:	DR0113	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0113.edf	SHEET:		YOKOGAWA	PAGE:3-25-38-2
STATION:	FCS0101	SAVED DATE:	5/14/2025 4:45:14 AM	COMMENT:	HVAC B100, B200		
SECTION:	DR0113	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP002_014	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
002	TYP002_013	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
003	TYP002_011	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
004	TYP002_012	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
005	TYP002_006	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
006	TYP002_001	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
007	TYP002_009	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
008	TYP002_004	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
009	TYP002_002	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
010	TYP002_003	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
011	TYP002_007	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
012	TYP002_008	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
013	TYP002_015	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
014	TYP002_026	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
015	TYP002_022	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
016	TYP002_010	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
017	TYP002_016	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
018	TYP002_005	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR

PROJECT:	BLPH-CW1	FILE NAME:	DR0113.edf	SHEET:		YOKOGAWA	PAGE:3-25-38-3
STATION:	FCS0101	SAVED DATE:	5/14/2025 4:45:14 AM	COMMENT:	HVAC B100, B200		
SECTION:	DR0113	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:HVAC B100, B200

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	77HHUUS-001	PVI	HHU-77001 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS001
						4			
002	77HHUUS-002	PVI	HHU-77002 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS002
						4			
003	77HHUUS-123	PVI	HHU-1/2/3 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS123
						4			
004	77TIB100-001	PVI	B100 INTERNAL TEMP	0.0	100.0	degC	Communication Input	No	%%I77TI001
						4			
005	77PIB100-001	PVI	B100 INTERNAL PRESS	0.0	200.0	barg	Communication Input	No	%%I77PI001
						4			
006	77HHUUS-003	PVI	HHU-77003 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS003
						4			
007	77HHUUS-004	PVI	HHU-77004 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS004
						4			
008	77HHUUS-567	PVI	HHU-5/6/7 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS567
						4			
009	77TIB200-001	PVI	B200 INTERNAL TEMP	0.0	100.0	degC	Communication Input	No	%%I77TTB200001
						4			
010	77PI2B200-203	PVI	B200 HF77-004 PERCENTUAL	0.0	100.0	%	Communication Input	No	%%I77PT2B200001
						4			
011	77B200-ST01	ST16	B-200 HVAC ANN	0	0				
						4			
012	77B200-ST02	ST16	B-200 HVAC ANN	0	0				
						4			
013	B100-HSB-HFM1P	PVI	HHU-77001 VSD %	0.0	100.0	%	Communication Input	No	%%I77PTB100001
						4			
014	B100-HSB-001SS	PVI	HHU-77007 SELECT STAT	0.0	100.0	%	Communication Input	No	%%IB100HSB001SS
						4			
015	B100-HSB-002SS	PVI	HHU-77008 SELECT STAT	0.0	100.0	%	Communication Input	No	%%IB100HSB002SS
						4			
016	77PI1B200-201	PVI	CAPACITY UTILIZATION	0.0	100.0	%	Communication Input	No	%%I77PT1B200001
						4			
017	B200-HSB-001SS	PVI	HHU-77007 SELECT STAT	0.0	100.0	%	Communication Input	No	%%IB200HSB001SS
						4			
018	B200-HSB-002SS	PVI	HHU-77008 SELECT STAT	0.0	100.0	%	Communication Input	No	%%IB200HSB002SS
						4			
019	B100-HSB-HFM2P	PVI	HHU-77001 VSD %	0.0	100.0	%	Communication Input	No	%%I77PT1B100001
						4			
020	77B100-ST01	ST16	B-100 HVAC ANN	0	0				
						4			
021	77B100-ST02	ST16	B-100 HVAC ANN	0	0				
						4			
022	FCS0101113-RL01	RL		0	0				
						4			
023	77PIB200-001	PVI	B200 INTERNAL PRESS	0.0	200.0	barg	Communication Input	No	%%I77PT3B200001
						4			

Tag Detail (77HHUUS-001 HHU-77001 STATUS)

Basic

Tag Name	77HHUUS-001
Model Name	PVI
Tag Comment	HHU-77001 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77HHUUS-002 HHU-77002 STATUS)

Basic

Tag Name	77HHUUS-002
Model Name	PVI
Tag Comment	HHU-77002 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77HHUUS-123 HHU-1/2/3 STATUS)

Basic

Tag Name	77HHUUS-123
Model Name	PVI
Tag Comment	HHU-1/2/3 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77TIB100-001 B100 INTERNAL TEMP)

Basic

Tag Name	77TIB100-001
Model Name	PVI
Tag Comment	B100 INTERNAL TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77PIB100-001 B100 INTERNAL PRESS)

Basic

Tag Name	77PIB100-001
Model Name	PVI
Tag Comment	B100 INTERNAL PRESS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77HHUUS-003 HHU-77003 STATUS)

Basic

Tag Name	77HHUUS-003
Model Name	PVI
Tag Comment	HHU-77003 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77HHUUS-004 HHU-77004 STATUS)

Basic

Tag Name	77HHUUS-004
Model Name	PVI
Tag Comment	HHU-77004 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77HHUUS-567 HHU-5/6/7 STATUS)

Basic

Tag Name	77HHUUS-567
Model Name	PVI
Tag Comment	HHU-5/6/7 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77TIB200-001 B200 INTERNAL TEMP)

Basic

Tag Name	77TIB200-001

Model Name	PVI
Tag Comment	B200 INTERNAL TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77PI2B200-203 B200 HF77-004 PERCENTUAL)

Basic

Tag Name	77PI2B200-203
Model Name	PVI
Tag Comment	B200 HF77-004 PERCENTUAL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77B200-ST01 B-200 HVAC ANN)

Basic

Tag Name	77B200-ST01
Model Name	ST16
Tag Comment	B-200 HVAC ANN
Lvl	4

Sequence Tables (77B200-ST01 B-200 HVAC ANN)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	77HFDZSH-004.PV	ON	HFD-77004 NOT OPN	Y								
C02	77HFDZSL-004.PV	ON	HFD-77004 NOT CLS	.Y								
C03	77HFDZSH-005.PV	ON	HFD-77005 NOT OPN	..Y								
C04	77HFDZSL-005.PV	ON	HFD-77005 NOT CLS	...Y								
C05	77HFDZSH-006.PV	ON	HFD-77006 NOT OPN		Y							
C06	77HFDZSL-006.PV	ON	HFD-77006 NOT CLS		.Y							
C07	77HFZZSH-201.PV	ON	HDZ-77-201 NOT OPN		..Y							
C08	77HDZZSL-201.PV	ON	HDZ-77-201 NOT CLS		...Y							
C09	77HFZZSH-202.PV	ON	HDZ-77-202 NOT OPN			Y						
C10	77HDZZSL-202.PV	ON	HDZ-77-202 NOT CLS			.Y						
C11	77HFMPXS-201.PV	ON	HFM-77-201 PTC PROT			..Y						
C12	77HFM-TSH-201.PV	ON	TSH/HH-77-201 HTR PROT			...Y						
C13	77HFMXS-201.PV	ON	HFM-77-201 TRIP				Y					
C14	77HFMXA-201.PV	ON	HFM-77-201 VSD MALFCTN				.Y					
C15	77HSSXS-201.PV	ON	HSS-77-201 TRIP				..Y					
C16	77HSSXA-201.PV	ON	HSS-77-201 MODULATN FLT				...Y					
C17	77HHUAXS-003.PV	ON	HHU-77001 AUX TRIP					Y				
C18	77HHUXS-003.PV	ON	HHU-77001 MN BRK TRIP					.Y				
C19	77HHUXA-201.PV	ON	HHU-77003 NO FLOW					..Y				
C20	77HFMPXS-202.PV	ON	HFM-77-102 PTC PROT					...Y				
C21	77-TSH-202.PV	ON	TSH/HH-77-102						Y			
C22	77HFMXS-202.PV	ON	HFM-77-102 TRIP						.Y			
C23	77HFMXA-202.PV	ON	HFM-77-102 VSD MALFCTN						..Y			
C24	77HSSXS-202.PV	ON	HSS-77-102 TRIP						...Y			
C25	77HSSXA-202.PV	ON	HSS-77-102 MODULATN FLT							Y		
C26	77HHUAXS-004.PV	ON	HHU-77002 AUX TRIP							.Y		
C27	77HHUXS-004.PV	ON	HHU-77002 MN BRK TRIP							..Y		
C28	77HSBXS-002.PV	ON	B200-HSB-001 MN BRK TRIP							...Y		
C29	77HSBXS-022.PV	ON	B200HSB001 MOD LITE TRIP								Y	
C30	77HSBXS-222.PV	ON	B200HSB001 MOD SOKT TRIP								.Y	
C31	77B2HSBAXS-001.PV	ON	B200-HSB-001 AUX TRIP								..Y	
C32	77B2HSSXS-456.PV	ON	HSS77004/5/6 SPCHTR TRIP								...Y	
A01	77HFDZSH-004AN.PV	L	HFD-77004 NOT OPN	Y								
A02	77HFDZSL-004AN.PV	L	HFD-77004 NOT CLS	.Y								
A03	77HFDZSH-005AN.PV	L	HFD-77005 NOT OPN	..Y								
A04	77HFDZSL-005AN.PV	L	HFD-77005 NOT CLS	...Y								
A05	77HFDZSH-006AN.PV	L	HFD-77006 NOT OPN		Y							
A06	77HFDZSL-006AN.PV	L	HFD-77006 NOT CLS		.Y							
A07	77HFZZSH-201AN.PV	L	HDZ-77-201 NOT OPN		..Y							
A08	77HDZZSL-201AN.PV	L	HDZ-77-201 NOT CLS		...Y							
A09	77HFZZSH-202AN.PV	L	HDZ-77-202 NOT OPN			Y						
A10	77HDZZSL-202AN.PV	L	HDZ-77-202 NOT CLS			.Y						
A11	77HFMPXS-201AN.PV	L	HFM-77-201 PTC PROT			..Y						
A12	77HFM-TSH-201AN.PV	L	TSH/HH-77-201 HTR PROT			...Y						
A13	77HFMXS-201AN.PV	L	HFM-77-201 TRIP				Y					
A14	77HFMXA-201AN.PV	L	HFM-77-201 VSD MALFCTN				.Y					
A15	77HSSXS-201AN.PV	L	HSS-77-201 TRIP				..Y					
A16	77HSSXA-201AN.PV	L	HSS-77-201 MODULATN FLT				...Y					
A17	77HHUAXS-003AN.PV	L	HHU-77003 AUX TRIP					Y				
A18	77HHUXS-003AN.PV	L	HHU-77003 MN BRK TRIP					.Y				
A19	77HHUXA-201AN.PV	L	HHU-77003 NO FLOW					..Y				
A20	77HFMPXS-202AN.PV	L	HFM-77-202 PTC PROT					...Y				
A21	77-TSH-202AN.PV	L	TSH/HH-77-202 HTR PROT						Y			
A22	77HFMXS-202AN.PV	L	HFM-77-202 TRIP						.Y			
A23	77HFMXA-202AN.PV	L	HFM-77-202 VSD MALFCTN						..Y			
A24	77HSSXS-202AN.PV	L	HSS-77-202 TRIP						...Y			
A25	77HSSXA-202AN.PV	L	HSS-77-202 MODULATN FLT							Y		
A26	77HHUAXS-004AN.PV	L	HHU-77004 AUX TRIP							.Y		
A27	77HHUXS-004AN.PV	L	HHU-77004 MN BRK TRIP							..Y		
A28	77HSBXS-002AN.PV	L	B200-HSB-001 MN BRK TRIP							...Y		
A29	77HSBXS-022AN.PV	L	B200HSB001 MOD LITE TRIP								Y	
A30	77HSBXS-222AN.PV	L	B200HSB001 MOD SOKT TRIP								.Y	
A31	77B2HSBAXS-001AN.PV	L	B200-HSB-001 AUX TRIP								..Y	
A32	77B2HSSXS-456AN.PV	L	HSS77004/5/6 SPCHTR TRIP								...Y	
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (77B200-ST02 B-200 HVAC ANN)

Basic

Tag Name	77B200-ST02
Model Name	ST16
Tag Comment	B-200 HVAC ANN
Lvl	4

Sequence Tables (77B200-ST02 B-200 HVAC ANN)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	77HSSXA-456.PV	ON	HSS-77-004/5/6 FLT	Y								
C02	77TTXA-201.PV	ON	77-TT-101 FLT	.Y								
C03	77TTXA-202.PV	ON	77-TT-102 FLT	..Y								
C04	77TTXA-203.PV	ON	77-TT-103 FLT	...Y								
C05	77TTXA-204.PV	ON	77-TT-104 FLT		Y							
C06	77PTXA-201.PV	ON	77-PT-101 FLT		.Y							
C07	77B2HSBXA-001.PV	ON	MAJOR FLT		..Y							
C08	77HSB-LP-002.PV	ON	MODULE LOW PRESS		...Y							
C09	77HSBXA-022.PV	ON	MODBUS FLT			Y						
C10	77HSBXA-222.PV	ON	MODBUS SERVER ERROR			.Y						
C11						..Y						
C12	77HHUXA-204.PV	ON	77HHUXA-004 NO FLOW			...Y						
C13	FCS0101113-RL01.X01	GE					Y					
C14	FCS0101113-RL01.X02	GE					.Y					
C15	FCS0101113-RL01.X03	GE					..Y					
C16												
C17												
C18												
C19												
C20												
C21												
C22												
C23												
C24												
C25												
C26												
C27												
C28												
C29												
C30												
C31												
C32												
A01	77HSSXA-456AN.PV	L	HSS-77-004/5/6 FLT	Y								
A02	77TTXA-201AN.PV	L	77-TT-201 FLT	.Y								
A03	77TTXA-202AN.PV	L	77-TT-202 FLT	..Y								
A04	77TTXA-203AN.PV	L	77-TT-203 FLT	...Y								
A05	77TTXA-204AN.PV	L	77-TT-204 FLT		Y							
A06	77PTXA-201AN.PV	L	77-PT-201 FLT		.Y							
A07	77B2HSBXA-001AN.PV	L	HVAC SYSTEM MAJOR FLT		..Y							
A08	77HSB-LP-002AN.PV	L	MODULE LOW PRESS		...Y							
A09	77HSBXA-022AN.PV	L	MODBUS FLT			Y						
A10	77HSBXA-222AN.PV	L	MODBUS SERVER ERROR			.Y						
A11						..Y						
A12	77HHUXA-204AN.PV	L	77HHUXA-004 NO FLOW			...Y						
A13	77HHUUS-003AN.PV	L	HHU-77003 FAULT				Y					
A14	77HHUUS-004AN.PV	L	HHU-77004 FAULT				.Y					
A15	77HHUUS-567AN.PV	L	HHU-77567 FAULT				..Y					
A16												
A17												
A18												
A19												
A20												
A21												
A22												
A23												
A24												
A25												
A26												
A27												
A28												
A29												
A30												
A31												
A32												
PREV			THEN									
NEXT			ELSE									

Tag Detail (B100-HSB-HFM1P HHU-77001 VSD %)

Basic

Tag Name	B100-HSB-HFM1P
Model Name	PVI
Tag Comment	HHU-77001 VSD %
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.0
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (B100-HSB-001SS HHU-77007 SELECT STAT)

Basic

Tag Name	B100-HSB-001SS
Model Name	PVI
Tag Comment	HHU-77007 SELECT STAT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (B100-HSB-002SS HHU-77008 SELECT STAT)

Basic

Tag Name	B100-HSB-002SS
Model Name	PVI
Tag Comment	HHU-77008 SELECT STAT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77PI1B200-201 CAPACITY UTILIZATION)

Basic

Tag Name	77PI1B200-201
Model Name	PVI
Tag Comment	CAPACITY UTILIZATION
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (B200-HSB-001SS HHU-77007 SELECT STAT)

Basic

Tag Name	B200-HSB-001SS
Model Name	PVI
Tag Comment	HHU-77007 SELECT STAT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (B200-HSB-002SS HHU-77008 SELECT STAT)

Basic

Tag Name	B200-HSB-002SS
Model Name	PVI
Tag Comment	HHU-77008 SELECT STAT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (B100-HSB-HFM2P HHU-77001 VSD %)

Basic

Tag Name	B100-HSB-HFM2P
Model Name	PVI
Tag Comment	HHU-77001 VSD %
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.0
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77B100-ST01 B-100 HVAC ANN)

Basic

Tag Name	77B100-ST01
Model Name	ST16
Tag Comment	B-100 HVAC ANN
Lvl	4

Sequence Tables (77B100-ST01 B-100 HVAC ANN)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	77HFMPXS-101.PV	ON	HFM-77-101 PTC PROT	Y								
C02	77HFM-TSH-101.PV	ON	TSH/HH-77-101 HTR PROT	.Y								
C03	77HFMXS-101.PV	ON	HFM-77-101 TRIP	..Y								
C04	77HFMXA-101.PV	ON	HFM-77-101 VSD MALFCTN	...Y								
C05	77HSSXS-101.PV	ON	HSS-77-101 TRIP		Y							
C06	77HSSXA-101.PV	ON	HSS-77-101 MODULATN FLT		.Y							
C07	77HHUAXS-001.PV	ON	HHU-77001 AUX TRIP		..Y							
C08	77HHUXS-001.PV	ON	HHU-77001 MN BRK TRIP		...Y							
C09	77HHUXA-001.PV	ON	HHU-77001 NO FLOW			Y						
C10	77HFMPXS-102.PV	ON	HFM-77-102 PTC PROT			.Y						
C11	77-TSH-102.PV	ON	TSH/HH-77-102			..Y						
C12	77HFMXS-102.PV	ON	HFM-77-102 TRIP			...Y						
C13	77HFMXA-102.PV	ON	HFM-77-102 VSD MALFCTN				Y					
C14	77HSSXS-102.PV	ON	HSS-77-102 TRIP				.Y					
C15	77HSSXA-102.PV	ON	HSS-77-102 MODULATN FLT				..Y					
C16	77HHUAXS-002.PV	ON	HHU-77002 AUX TRIP				...Y					
C17	77HHUXS-002.PV	ON	HHU-77002 MN BRK TRIP					Y				
C18	77HSBXS-001.PV	ON	B100-HSB-001 MN BRK TRIP					.Y				
C19	77HSBXS-011.PV	ON	B100HSB001 MOD LITE TRIP					..Y				
C20	77HSBXS-111.PV	ON	B100HSB001 MOD SOKT TRIP					...Y				
C21	77HSBAXS-001.PV	ON	B100-HSB-001 AUX TRIP						Y			
C22	77HSSXS-123.PV	ON	HSS77001/2/3 SPCHTR TRIP						.Y			
C23	77HSSXA-123.PV	ON	HSS-77-001/2/3 FLT						..Y			
C24	77TTXA-101.PV	ON	77-TT-101 FLT						...Y			
C25	77TTXA-102.PV	ON	77-TT-102 FLT							Y		
C26	77TTXA-103.PV	ON	77-TT-103 FLT							.Y		
C27	77TTXA-104.PV	ON	77-TT-104 FLT							..Y		
C28	77PTXA-101.PV	ON	77-PT-101 FLT							...Y		
C29	77HSBXA-001.PV	ON	HVAC MAJOR FLT								Y	
C30	77HSB-LP-001.PV	ON	MODULE LOW PRESS								.Y	
C31	77HSBXA-011.PV	ON	MODBUS FLT								..Y	
C32	77HHUXA-002.PV	ON	HHU-77002 NO FLOW								...Y	
A01	77HFMPXS-101AN.PV	L	HFM-77-101 PTC PROT	Y								
A02	77HFMTSH-101AN.PV	L	TSH/HH-77-101 HTR PROT	.Y								
A03	77HFMXS-101AN.PV	L	HFM-77-101 TRIP	..Y								
A04	77HFMXA-101AN.PV	L	HFM-77-101 VSD MALFCTN	...Y								
A05	77HSSXS-101AN.PV	L	HSS-77-101 TRIP		Y							
A06	77HSSXA-101AN.PV	L	HSS-77-101 MODULATN FLT		.Y							
A07	77HHUAXS-001AN.PV	L	HHU-77001 AUX TRIP		..Y							
A08	77HHUXS-001AN.PV	L	HHU-77001 MN BRK TRIP		...Y							
A09	77HHUXA-001AN.PV	L	HHU-77001 NO FLOW			Y						
A10	77HFMPXS-102AN.PV	L	HFM-77-102 PTC PROT			.Y						
A11	77TSH-102AN.PV	L	TSH/HH-77-102			..Y						
A12	77HFMXS-102AN.PV	L	HFM-77-102 TRIP			...Y						
A13	77HFMXA-102AN.PV	L	HFM-77-102 VSD MALFCTN				Y					
A14	77HSSXS-102AN.PV	L	HSS-77-102 TRIP				.Y					
A15	77HSSXA-102AN.PV	L	HSS-77-102 MODULATN FLT				..Y					
A16	77HHUAXS-002AN.PV	L	HHU-77002 AUX TRIP				...Y					
A17	77HHUXS-002AN.PV	L	HHU-77002 MN BRK TRIP					Y				
A18	77HSBXS-001AN.PV	L	B100-HSB-001 MN BRK TRIP					.Y				
A19	77HSBXS-011AN.PV	L	B100HSB001 MOD LITE TRIP					..Y				
A20	77HSBXS-111AN.PV	L	B100HSB001 MOD SOKT TRIP					...Y				
A21	77HSBAXS-001AN.PV	L	B100-HSB-001 AUX TRIP						Y			
A22	77HSSXS-123AN.PV	L	HSS77001/2/3 SPCHTR TRIP						.Y			
A23	77HSSXA-123AN.PV	L	HSS-77-001/2/3 FLT						..Y			
A24	77TTXA-101AN.PV	L	77-TT-101 FLT						...Y			
A25	77TTXA-102AN.PV	L	77-TT-102 FLT							Y		
A26	77TTXA-103AN.PV	L	77-TT-103 FLT							.Y		
A27	77TTXA-104AN.PV	L	77-TT-104 FLT							..Y		
A28	77PTXA-101AN.PV	L	77-PT-101 FLT							...Y		
A29	77HSBXA-001AN.PV	L	MAJOR FLT								Y	
A30	77HSB-LP-001AN.PV	L	MODULE LOW PRESS								.Y	
A31	77HSBXA-011AN.PV	L	MODBUS FLT								..Y	
A32	77HHUXA-002AN.PV	L	HHU-77002 NO FLOW								...Y	
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (77B100-ST02 B-100 HVAC ANN)

Basic

Tag Name	77B100-ST02
Model Name	ST16
Tag Comment	B-100 HVAC ANN
Lvl	4

Sequence Tables (77B100-ST02 B-100 HVAC ANN)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	77HSBXA-111.PV	ON	MODBUS SERVER ERROR	Y								
C02				.Y								
C03	FCS0101113-RL01.X04	GE		..Y								
C04	FCS0101113-RL01.X05	GE		...Y								
C05	FCS0101113-RL01.X06	GE			Y							
C06	77HFDZSH-001.PV	ON	HFD-77001 NOT OPN		.Y							
C07	77HFDZSL-001.PV	ON	HFD-77001 NOT CLS		..Y							
C08	77HFDZSH-002.PV	ON	HFD-77002 NOT OPN		...Y							
C09	77HFDZSL-002.PV	ON	HFD-77002 NOT CLS			Y						
C10	77HFDZSH-003.PV	ON	HFD-77003 NOT OPN			.Y						
C11	77HFDZSL-002.PV	ON	HFD-77002 NOT CLS			..Y						
C12	77HFZZSH-101.PV	ON	HDZ-77-101 NOT OPN			...Y						
C13	77HDZZSL-101.PV	ON	HDZ-77-101 NOT CLS				Y					
C14	77HFZZSH-102.PV	ON	HDZ-77-102 NOT OPN				.Y					
C15	77HDZZSL-102.PV	ON	HDZ-77-102 NOT CLS				..Y					
C16							...Y					
C17								Y				
C18								.Y				
C19								..Y				
C20								...Y				
C21									Y			
C22									.Y			
C23									..Y			
C24									...Y			
C25										Y		
C26										.Y		
C27										..Y		
C28										...Y		
C29											Y	
C30											.Y	
C31											..Y	
C32											...Y	
A01	77HSBXA-111AN.PV	L	MODBUS SERVER ERROR	Y								
A02				.Y								
A03	77HHUUS-001AN.PV	L	HHU-77001 FAULT	..Y								
A04	77HHUUS-002AN.PV	L	HHU-77002 FAULT	...Y								
A05	77HHUUS-123AN.PV	L	HHU-77123 FAULT		Y							
A06	77HFDZSH-001AN.PV	L	HFD-77001 NOT OPN		.Y							
A07	77HFDZSL-001AN.PV	L	HFD-77001 NOT CLS		..Y							
A08	77HFDZSH-002AN.PV	L	HFD-77002 NOT OPN		...Y							
A09	77HFDZSL-002AN.PV	L	HFD-77002 NOT CLS			Y						
A10	77HFDZSH-003AN.PV	L	HFD-77003 NOT OPN			.Y						
A11	77HFDZSL-002AN.PV	L	HFD-77002 NOT CLS			..Y						
A12	77HFZZSH-101AN.PV	L	HDZ-77-101 NOT OPN			...Y						
A13	77HDZZSL-101AN.PV	L	HDZ-77-101 NOT CLS				Y					
A14	77HFZZSH-102AN.PV	L	HDZ-77-102 NOT OPN				.Y					
A15	77HDZZSL-102AN.PV	L	HDZ-77-102 NOT CLS				..Y					
A16							...Y					
A17								Y				
A18								.Y				
A19								..Y				
A20								...Y				
A21									Y			
A22									.Y			
A23									..Y			
A24									...Y			
A25										Y		
A26										.Y		
A27										..Y		
A28										...Y		
A29											Y	
A30											.Y	
A31											..Y	
A32											...Y	
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (FCS0101113-RL01)

Basic

Tag Name	FCS0101113-RL01
Model Name	RL
Tag Comment	
Lvl	4

Relational Expression

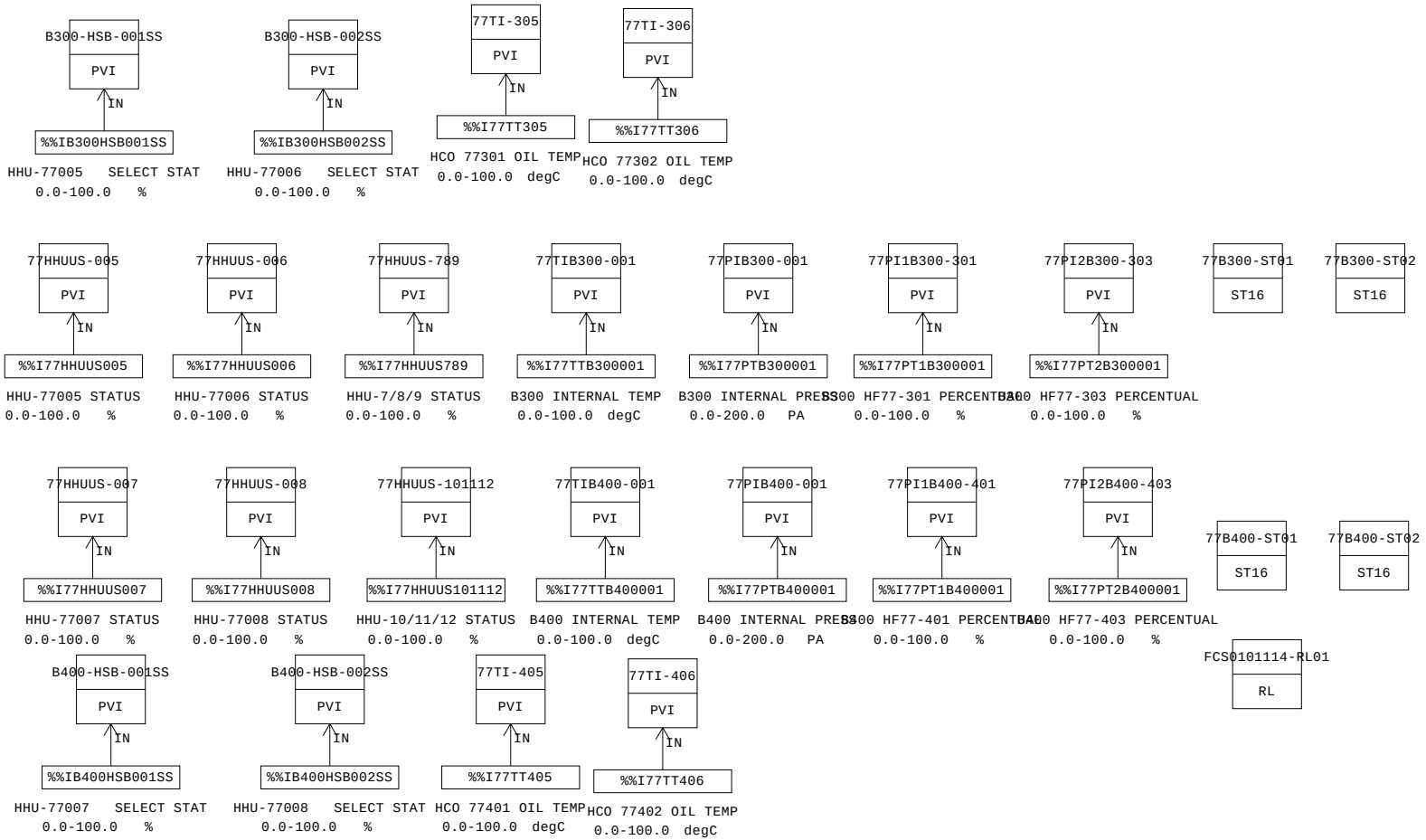
No.	X	Operator	Y	Comment
001	77HHUUS-003.PV	Relational Operation	3	B200
002	77HHUUS-004.PV	Relational Operation	3	B200
003	77HHUUS-567.PV	Relational Operation	3	B200
004	77HHUUS-001.PV	Relational Operation	3	B100
005	77HHUUS-002.PV	Relational Operation	3	B100
006	77HHUUS-123.PV	Relational Operation	3	B100

Tag Detail (77PIB200-001 B200 INTERNAL PRESS)

Basic

Tag Name	77PIB200-001
Model Name	PVI
Tag Comment	B200 INTERNAL PRESS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0114.edf	SHEET:		YOKOGAWA	PAGE:3-25-39-1
STATION:	FCS0101	SAVED DATE:	5/7/2025 8:05:01 AM	COMMENT:	HVAC-51,52,53,54		
SECTION:	DR0114	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0114.edf	SHEET:		YOKOGAWA	PAGE:3-25-39-2
STATION:	FCS0101	SAVED DATE:	5/7/2025 8:05:01 AM	COMMENT:	HVAC-51,52,53,54		
SECTION:	DR0114	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP002_021	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
002	TYP002_018	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
003	TYP002_019	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
004	TYP002_020	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
005	TYP002_024	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
006	TYP002_023	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
007	TYP002_002	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
008	TYP002_001	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
009	TYP002_003	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
010	TYP002_005	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
011	TYP002_016	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
012	TYP002_017	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
013	TYP002_006	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
014	TYP002_004	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
015	TYP002_007	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
016	TYP002_008	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
017	TYP002_014	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
018	TYP002_011	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
019	TYP002_012	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
020	TYP002_013	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
021	TYP002_022	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
022	TYP002_015	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR

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SECTION:	DR0114	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:HVAC-51,52,53,54

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	77HHUUS-007	PVI	HHU-77007 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS007
						4			
002	77HHUUS-008	PVI	HHU-77008 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS008
						4			
003	77HHUUS-101112	PVI	HHU-10/11/12 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS101112
						4			
004	77TIB400-001	PVI	B400 INTERNAL TEMP	0.0	100.0	degC	Communication Input	No	%%I77TTB400001
						4			
005	77PIB400-001	PVI	B400 INTERNAL PRESS	0.0	200.0	PA	Communication Input	No	%%I77PTB400001
						4			
006	77PI1B400-401	PVI	B400 HF77-401 PERCENTUAL	0.0	100.0	%	Communication Input	No	%%I77PT1B400001
						4			
007	77PI2B400-403	PVI	B400 HF77-403 PERCENTUAL	0.0	100.0	%	Communication Input	No	%%I77PT2B400001
						4			
008	77B400-ST01	ST16	B-400 HVAC ANN	0	0				
						4			
009	77B400-ST02	ST16	B-400 HVAC ANN	0	0				
						4			
010	77HHUUS-005	PVI	HHU-77005 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS005
						4			
011	77HHUUS-006	PVI	HHU-77006 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS006
						4			
012	77HHUUS-789	PVI	HHU-7/8/9 STATUS	0.0	100.0	%	Communication Input	No	%%I77HHUUS789
						4			
013	77TIB300-001	PVI	B300 INTERNAL TEMP	0.0	100.0	degC	Communication Input	No	%%I77TTB300001
						4			
014	77PIB300-001	PVI	B300 INTERNAL PRESS	0.0	200.0	PA	Communication Input	No	%%I77PTB300001
						4			
015	77PI1B300-301	PVI	B300 HF77-301 PERCENTUAL	0.0	100.0	%	Communication Input	No	%%I77PT1B300001
						4			
016	77PI2B300-303	PVI	B300 HF77-303 PERCENTUAL	0.0	100.0	%	Communication Input	No	%%I77PT2B300001
						4			
017	77B300-ST01	ST16	B-300 HVAC ANN	0	0				
						4			
018	77B300-ST02	ST16	B-300 HVAC ANN	0	0				
						4			
019	FCS0101114-RL01	RL		0	0				
						4			
020	B400-HSB-001SS	PVI	HHU-77007 SELECT STAT	0.0	100.0	%	Communication Input	No	%%IB400HSB001SS
						4			
021	B400-HSB-002SS	PVI	HHU-77008 SELECT STAT	0.0	100.0	%	Communication Input	No	%%IB400HSB002SS
						4			
022	77TI-405	PVI	HCO 77401 OIL TEMP	0.0	100.0	degC	Communication Input	No	%%I77TT405
						4			
023	77TI-406	PVI	HCO 77402 OIL TEMP	0.0	100.0	degC	Communication Input	No	%%I77TT406
						4			
024	B300-HSB-001SS	PVI	HHU-77005 SELECT STAT	0.0	100.0	%	Communication Input	No	%%IB300HSB001SS
						4			
025	B300-HSB-002SS	PVI	HHU-77006 SELECT STAT	0.0	100.0	%	Communication Input	No	%%IB300HSB002SS
						4			
026	77TI-305	PVI	HCO 77301 OIL TEMP	0.0	100.0	degC	Communication Input	No	%%I77TT305
						4			
027	77TI-306	PVI	HCO 77302 OIL TEMP	0.0	100.0	degC	Communication Input	No	%%I77TT306
						4			

Tag Detail (77HHUUS-007 HHU-77007 STATUS)

Basic

Tag Name	77HHUUS-007
Model Name	PVI
Tag Comment	HHU-77007 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77HHUUS-008 HHU-77008 STATUS)

Basic

Tag Name	77HHUUS-008
Model Name	PVI
Tag Comment	HHU-77008 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77HHUUS-101112 HHU-10/11/12 STATUS)

Basic

Tag Name	77HHUUS-101112
Model Name	PVI
Tag Comment	HHU-10/11/12 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77TIB400-001 B400 INTERNAL TEMP)

Basic

Tag Name	77TIB400-001
Model Name	PVI
Tag Comment	B400 INTERNAL TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77PIB400-001 B400 INTERNAL PRESS)

Basic

Tag Name	77PIB400-001
Model Name	PVI
Tag Comment	B400 INTERNAL PRESS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77PI1B400-401 B400 HF77-401 PERCENTUAL)

Basic

Tag Name	77PI1B400-401
Model Name	PVI
Tag Comment	B400 HF77-401 PERCENTUAL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77PI2B400-403 B400 HF77-403 PERCENTUAL)

Basic

Tag Name	77PI2B400-403
Model Name	PVI
Tag Comment	B400 HF77-403 PERCENTUAL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77B400-ST01 B-400 HVAC ANN)

Basic

Tag Name	77B400-ST01
Model Name	ST16
Tag Comment	B-400 HVAC ANN
Lvl	4

Sequence Tables (77B400-ST01 B-400 HVAC ANN)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	77B4HSBXS-001.PV	ON	B400-HSB-001 MN BKR TRP	Y								
C02	77B4PEB-001.PV	ON	B400-HSB-001 PL EM BTN	.Y								
C03	77HSBXS-044.PV	ON	B400-HSB-001 MOD LTE TRP	..Y								
C04	77HSBXS-444.PV	ON	B400-HSB-001 MOD SKT TRP	...Y								
C05	77HSSXS-101112.PV	ON	HSS77-0010/11/12 HTR TRP		Y							
C06	77B4HSBAXS-001.PV	ON	B400-HSB-001 AUX SEC TRP		.Y							
C07	77B3UXA-101112.PV	ON	HSS77-0010/11/12 HTR FLT		..Y							
C08	77PFFC-007.PV	ON	HHU-77007 PR FAN LOW PR		...Y							
C09	77MDF-007.PV	ON	HHU-77007 MOT DMP FLT			Y						
C10	77PTCP-401.PV	ON	HFM-77-401 PTC PRTN			.Y						
C11	77VSDF-401.PV	ON	HFM-77-401 VSD FLT			..Y						
C12	77PFTRP-401.PV	ON	HFM-77-401 PRS FN TRP			...Y						
C13	77BBA-402.PV	ON	HFM-77-402 BRK BELT ALM				Y					
C14	77SFTRP-402.PV	ON	HFM-77-402 FN TRP				.Y					
C15	77CTRP-401.PV	ON	HCO-77-401 CMP TRP				..Y					
C16	77HPA-401.PV	ON	HCO-77-401 HP ALM				...Y					
C17	77LPA-401.PV	ON	HCO-77-401 LP ALM					Y				
C18	77CFTRP-405406.PV	ON	HFM77-405/406 CND FN TRP					.Y				
C19	77VSDF-405406.PV	ON	HFM77-405/406 FN VSD FLT					..Y				
C20	77TSPH-401.PV	ON	HSS-77-401 THR PTR					...Y				
C21	77EHTRP-401.PV	ON	HSS-77-401 HTR TRP						Y			
C22	77EHMF-401.PV	ON	HSS77-401 HTR MODLTN FLT						.Y			
C23	77MBTRP-007.PV	ON	HHU-77007 MN BKR TRP						..Y			
C24	77FC-007.PV	ON	HHU-77007 FLTR CLOGGED						...Y			
C25	77MDF-008.PV	ON	HHU-77008 MOT DMP FLT							Y		
C26	77PTCP-403.PV	ON	HFM-77-403 PTC PRTN							.Y		
C27	77VSDF-403.PV	ON	HFM-77-403 VSD FLT							..Y		
C28	77PFTRP-403.PV	ON	HFM-77-403 PRS FN TRP							...Y		
C29	77BBA-404.PV	ON	HFM-77-404 BRK BELT ALM								Y	
C30	77SFTRP-404.PV	ON	HFM-77-404 FN TRP								.Y	
C31	77CTRP-402.PV	ON	HCO-77-402 CMP TRP								..Y	
C32	77HPA-402.PV	ON	HCO-77-402 HP ALM								...Y	
A01	77B4HSBXS-001AN.PV	L	B400-HSB-001 MN BKR TRP	Y								
A02	77B4PEB-001AN.PV	L	B400-HSB-001 PL EM BTN	.Y								
A03	77HSBXS-044AN.PV	L	B400-HSB-001 MOD LTE TRP	..Y								
A04	77HSBXS-444AN.PV	L	B400-HSB-001 MOD SKT TRP	...Y								
A05	77HSSXS-101112AN.PV	L	HSS77-0010/11/12 HTR TRP		Y							
A06	77B4HSBAXS-001AN.PV	L	B400-HSB-001 AUX SEC TRP		.Y							
A07	77B3UXA-101112AN.PV	L	HSS77-0010/11/12 HTR FLT		..Y							
A08	77PFFC-007AN.PV	L	HHU-77007 PR FAN LOW PR		...Y							
A09	77MDF-007AN.PV	L	HHU-77007 MOT DMP FLT			Y						
A10	77PTCP-401AN.PV	L	HFM-77-401 PTC PRTN			.Y						
A11	77VSDF-401AN.PV	L	HFM-77-401 VSD FLT			..Y						
A12	77PFTRP-401AN.PV	L	HFM-77-401 PRS FN TRP			...Y						
A13	77BBA-402AN.PV	L	HFM-77-402 BRK BELT ALM				Y					
A14	77SFTRP-402AN.PV	L	HFM-77-402 FN TRP				.Y					
A15	77CTRP-401AN.PV	L	HCO-77-401 CMP TRP				..Y					
A16	77HPA-401AN.PV	L	HCO-77-401 HP ALM				...Y					
A17	77LPA-401AN.PV	L	HCO-77-401 LP ALM					Y				
A18	77CFTRP-405406AN.PV	L	HFM77-405/406 CND FN TRP					.Y				
A19	77VSDF-405406AN.PV	L	HFM77-405/406 FN VSD FLT					..Y				
A20	77TSPH-401AN.PV	L	HSS-77-401 THTR START					...Y				
A21	77EHTRP-401AN.PV	L	HSS-77-401 HTR TRP						Y			
A22	77EHMF-401AN.PV	L	HSS77-401 HTR MODLTN FLT						.Y			
A23	77MBTRP-007AN.PV	L	HHU-77007 MN BKR TRP						..Y			
A24	77FC-007AN.PV	L	HHU-77007 FLTR CLOGGED						...Y			
A25	77MDF-008AN.PV	L	HHU-77008 MOT DMP FLT							Y		
A26	77PTCP-403AN.PV	L	HFM-77-403 PTC PRTN							.Y		
A27	77VSDF-403AN.PV	L	HFM-77-403 VSD FLT							..Y		
A28	77PFTRP-403AN.PV	L	HFM-77-403 PRS FN TRP							...Y		
A29	77BBA-404AN.PV	L	HFM-77-404 BRK BELT ALM								Y	
A30	77SFTRP-404AN.PV	L	HFM-77-404 FN TRP								.Y	
A31	77CTRP-402AN.PV	L	HCO-77-402 CMP TRP								..Y	
A32	77HPA-402AN.PV	L	HCO-77-402 HP ALM								...Y	
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (77B400-ST02 B-400 HVAC ANN)

Basic

Tag Name	77B400-ST02
Model Name	ST16
Tag Comment	B-400 HVAC ANN
Lvl	4

Sequence Tables (77B400-ST02 B-400 HVAC ANN)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	77LPA-402.PV	ON	HCO-77-402 LP ALM	Y								
C02	77B4CFTRP-405406.PV	ON	HFM77-405/406 CND FN TRP	.Y								
C03	77B4VSDF-405406.PV	ON	HFM77-405/406 FN VSD FLT	..Y								
C04	77FC-008.PV	ON	HHU-77008 FLTR CLOGGED	...Y								
C05	77TSPH-405.PV	ON	HSS-77-405 THR PTR		Y							
C06	77EHTRP-405.PV	ON	HSS-77-405 HTR TRP		.Y							
C07	77EHMF-405.PV	ON	HSS77-405 HTR MODLTN FLT		..Y							
C08	77MBTRP-008.PV	ON	HHU-77008 MN BRK TRP		...Y							
C09	77HFDZSL-012.PV	ON	HFD-77012 NOT CLS			Y						
C10	77HFDZSH-012.PV	ON	HFD-77012 NOT OPN			.Y						
C11	77HFDZSL-013.PV	ON	HFD-77013 NOT CLS			..Y						
C12	77HFDZSH-013.PV	ON	HFD-77013 NOT OPN			...Y						
C13	77HFDZSL-014.PV	ON	HFD-77014 NOT CLS				Y					
C14	77HFDZSH-014.PV	ON	HFD-77014 NOT OPN				.Y					
C15	77HSBXA-444.PV	ON	B400-MOD SERVER ERROR				..Y					
C16	77HSBXA-044.PV	ON	B400 - MOD FLT				...Y					
C17	77PFFC-008.PV	ON	HHU-77008 PR FAN LO PR					Y				
C18	77HFDZSL-015.PV	ON	HFD-77015 NOT CLS					.Y				
C19	77HFDZSH-015.PV	ON	HFD-77015 NOT OPN					..Y				
C20	77HFDZSL-016.PV	ON	HFD-77016 NOT CLS					...Y				
C21	77HFDZSH-016.PV	ON	HFD-77016 NOT OPN						Y			
C22	77TTXA-401.PV	ON	77-TT-401 FLT						.Y			
C23	77TTXA-402.PV	ON	77-TT-402 FLT						..Y			
C24	77TTXA-403.PV	ON	77-TT-403 FLT						...Y			
C25	77TTXA-404.PV	ON	77-TT-404 FLT							Y		
C26	77PTXA-401.PV	ON	77-PT-401 FLT							.Y		
C27	B400SMF-001.PV	ON	HVAC SYSTEM MAJOR FLT							..Y		
C28	FCS0101114-RL01.X02	GE								...Y		
C29	FCS0101114-RL01.X03	GE									Y	
C30												
C31												
C32	FCS0101114-RL01.X01	GE										Y
A01	77LPA-402AN.PV	L	HCO-77-402 LP ALM	Y								
A02	77CFTRP-407408AN.PV	L	HFM77-407/408 CND FN TRP	.Y								
A03	77VSDF-407408AN.PV	L	HFM77-407/408 FN VSD FLT	..Y								
A04	77FC-008AN.PV	L	HHU-77008 FLTR CLOGGED	...Y								
A05	77TSPH-405AN.PV	L	HSS-77-405 THTR START		Y							
A06	77EHTRP-405AN.PV	L	HSS-77-405 HTR TRP		.Y							
A07	77EHMF-405AN.PV	L	HSS77-405 HTR MODLTN FLT		..Y							
A08	77MBTRP-008AN.PV	L	HHU-77008 MN BRK TRP		...Y							
A09	77HFDZSL-012AN.PV	L	HFD-77012 NOT CLS			Y						
A10	77HFDZSH-012AN.PV	L	HFD-77012 NOT OPN			.Y						
A11	77HFDZSL-013AN.PV	L	HFD-77013 NOT CLS			..Y						
A12	77HFDZSH-013AN.PV	L	HFD-77013 NOT OPN			...Y						
A13	77HFDZSL-014AN.PV	L	HFD-77014 NOT CLS				Y					
A14	77HFDZSH-014AN.PV	L	HFD-77014 NOT OPN				.Y					
A15	77HSBXA-444AN.PV	L	B400-MOD SERVER ERROR				..Y					
A16	77HSBXA-044AN.PV	L	B400 - MOD FLT				...Y					
A17	77PFFC-008AN.PV	L	HHU-77008 PR FAN LO PR					Y				
A18	77HFDZSL-015AN.PV	L	HFD-77015 NOT CLS					.Y				
A19	77HFDZSH-015AN.PV	L	HFD-77015 NOT OPN					..Y				
A20	77HFDZSL-016AN.PV	L	HFD-77016 NOT CLS					...Y				
A21	77HFDZSH-016AN.PV	L	HFD-77016 NOT OPN						Y			
A22	77TTXA-401AN.PV	L	77-TT-401 FLT						.Y			
A23	77TTXA-402AN.PV	L	77-TT-402 FLT						..Y			
A24	77TTXA-403AN.PV	L	77-TT-403 FLT						...Y			
A25	77TTXA-404AN.PV	L	77-TT-404 FLT							Y		
A26	77PTXA-401AN.PV	L	77-PT-401 FLT							.Y		
A27	B400SMF-001AN.PV	L	HVAC SYSTEM MAJOR FLT							..Y		
A28	77HHUUS-007AN.PV	L	77HHUUS-007 FAULT							...Y		
A29	77HHUUS-008AN.PV	L	77HHUUS-007 FAULT								Y	
A30												
A31												
A32	77HHUUS-101112AN.PV	L	77HHUUS-101112 FAULT									Y
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (77HHUUS-005 HHU-77005 STATUS)

Basic

Tag Name	77HHUUS-005
Model Name	PVI
Tag Comment	HHU-77005 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77HHUUS-006 HHU-77006 STATUS)

Basic

Tag Name	77HHUUS-006
Model Name	PVI
Tag Comment	HHU-77006 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77HHUUS-789 HHU-7/8/9 STATUS)

Basic

Tag Name	77HHUUS-789
Model Name	PVI
Tag Comment	HHU-7/8/9 STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77TIB300-001 B300 INTERNAL TEMP)

Basic

Tag Name	77TIB300-001
Model Name	PVI
Tag Comment	B300 INTERNAL TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77PIB300-001 B300 INTERNAL PRESS)

Basic

Tag Name	77PIB300-001
Model Name	PVI
Tag Comment	B300 INTERNAL PRESS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77PI1B300-301 B300 HF77-301 PERCENTUAL)

Basic

Tag Name	77PI1B300-301
Model Name	PVI
Tag Comment	B300 HF77-301 PERCENTUAL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77PI2B300-303 B300 HF77-303 PERCENTUAL)

Basic

Tag Name	77PI2B300-303
Model Name	PVI
Tag Comment	B300 HF77-303 PERCENTUAL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77B300-ST01 B-300 HVAC ANN)

Basic

Tag Name	77B300-ST01
Model Name	ST16
Tag Comment	B-300 HVAC ANN
Lvl	4

Sequence Tables (77B300-ST01 B-300 HVAC ANN)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	77B3HSBXS-001.PV	ON	B300-HSB-001 MN BKR TRP	Y								
C02	77B3PEB-001.PV	ON	B300-HSB-001 PL EM BTN	.Y								
C03	77HSBXS-033.PV	ON	B300-HSB-001 MOD LTE TRP	..Y								
C04	77HSBXS-333.PV	ON	B300-HSB-001 MOD SKT TRP	...Y								
C05	77HSSXS-789.PV	ON	HSS-77-007/8/9 HTR TRP		Y							
C06	77B3HSBAXS-001.PV	ON	B300-HSB-001 AUX SEC TRP		.Y							
C07	77B3UXA-789.PV	ON	HSS-77-007/8/9 HTR FLT		..Y							
C08	77PFFC-005.PV	ON	HHU-77005 FLTR CLOGGED		...Y							
C09	77MDF-005.PV	ON	HHU-77005 MOT DMP FLT			Y						
C10	77PTCP-301.PV	ON	HFM-77-301 PTC PRTN			.Y						
C11	77VSDF-301.PV	ON	HFM-77-301 VSD FLT			..Y						
C12	77PFTRP-301.PV	ON	HFM-77-301 PRS FN TRP			...Y						
C13	77BBA-302.PV	ON	HFM-77-302 BRK BELT ALM				Y					
C14	77SFTRP-302.PV	ON	HFM-77-302 FN TRP				.Y					
C15	77CTRP-301.PV	ON	HCO-77-301 CMP TRP				..Y					
C16	77HPA-301.PV	ON	HCO-77-301 HP ALM				...Y					
C17	77LPA-301.PV	ON	HCO-77-301 LP ALM					Y				
C18	77CFTRP-305306.PV	ON	HFM77-305/306 CND FN TRP					.Y				
C19	77VSDF-305306.PV	ON	HFM77-305/306 FN VSD FLT					..Y				
C20	77TSPH-301.PV	ON	HSS-77-301 THR PTR					...Y				
C21	77EHTRP-301.PV	ON	HSS-77-301 HTR TRP						Y			
C22	77EHMF-301.PV	ON	HSS-77-301 HTR MDLTN FLT						.Y			
C23	77MBTRP-005.PV	ON	HHU-77005 MN BKR TRP						..Y			
C24	77FC-005.PV	ON	HHU-77005 FLTR CLOGGED						...Y			
C25	77MDF-006.PV	ON	HHU-77006 MOT DMP FLT							Y		
C26	77PTCP-303.PV	ON	HFM-77-303 PTC PRTN							.Y		
C27	77VSDF-303.PV	ON	HFM-77-303 VSD FLT							..Y		
C28	77PFTRP-303.PV	ON	HFM-77-303 PRS FN TRP							...Y		
C29	77BBA-304.PV	ON	HFM-77-304 BRK BELT ALM								Y	
C30	77SFTRP-304.PV	ON	HFM-77-304 FN TRP								.Y	
C31	77CTRP-302.PV	ON	HCO-77-302 CMP TRP								..Y	
C32	77HPA-302.PV	ON	HCO-77-302 HP ALM								...Y	
A01	77B3HSBXS-001AN.PV	L	B300-HSB-001 MN BKR TRP	Y								
A02	77B3PEB-001AN.PV	L	B300-HSB-001 PL EM BTN	.Y								
A03	77HSBXS-033AN.PV	L	B300-HSB-001 MOD LTE TRP	..Y								
A04	77HSBXS-333AN.PV	L	B300-HSB-001 MOD SKT TRP	...Y								
A05	77HSSXS-789AN.PV	L	HSS-77-007/8/9 HTR TRP		Y							
A06	77B3HSBAXS-001AN.PV	L	B300-HSB-001 AUX SEC TRP		.Y							
A07	77B3UXA-789AN.PV	L	HSS-77-007/8/9 HTR FLT		..Y							
A08	77PFFC-005AN.PV	L	HHU-77005 FLTR CLOGGED		...Y							
A09	77MDF-005AN.PV	L	HHU-77005 MOT DMP FLT			Y						
A10	77PTCP-301AN.PV	L	HFM-77-301 PTC PRTN			.Y						
A11	77VSDF-301AN.PV	L	HFM-77-301 VSD FLT			..Y						
A12	77PFTRP-301AN.PV	L	HFM-77-301 PRS FN TRP			...Y						
A13	77BBA-302AN.PV	L	HFM-77-302 BRK BELT ALM				Y					
A14	77SFTRP-302AN.PV	L	HFM-77-302 FN TRP				.Y					
A15	77CTRP-301AN.PV	L	HCO-77-301 CMP TRP				..Y					
A16	77HPA-301AN.PV	L	HCO-77-301 HP ALM				...Y					
A17	77LPA-301AN.PV	L	HCO-77-301 LP ALM					Y				
A18	77CFTRP-305306AN.PV	L	HFM77-305/306 CND FN TRP					.Y				
A19	77VSDF-305306AN.PV	L	HFM77-305/306 FN VSD FLT					..Y				
A20	77TSPH-301AN.PV	L	HSS-77-301 THR PTR					...Y				
A21	77EHTRP-301AN.PV	L	HSS-77-301 HTR TRP						Y			
A22	77EHMF-301AN.PV	L	HSS-77-301 HTR MDLTN FLT						.Y			
A23	77MBTRP-005AN.PV	L	HHU-77005 MN BKR TRP						..Y			
A24	77FC-005AN.PV	L	HHU-77005 FLTR CLOGGED						...Y			
A25	77MDF-006AN.PV	L	HHU-77006 MOT DMP FLT							Y		
A26	77PTCP-303AN.PV	L	HFM-77-303 PTC PRTN							.Y		
A27	77VSDF-303AN.PV	L	HFM-77-303 VSD FLT							..Y		
A28	77PFTRP-303AN.PV	L	HFM-77-303 PRS FN TRP							...Y		
A29	77BBA-304AN.PV	L	HFM-77-304 BRK BELT ALM								Y	
A30	77SFTRP-304AN.PV	L	HFM-77-304 FN TRP								.Y	
A31	77CTRP-302AN.PV	L	HCO-77-302 CMP TRP								..Y	
A32	77HPA-302AN.PV	L	HCO-77-302 HP ALM								...Y	
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (77B300-ST02 B-300 HVAC ANN)

Basic

Tag Name	77B300-ST02
Model Name	ST16
Tag Comment	B-300 HVAC ANN
Lvl	4

Sequence Tables (77B300-ST02 B-300 HVAC ANN)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	77LPA-302.PV	ON	HCO-77-302 LP ALM	Y								
C02	77CFTRP-307308.PV	ON	HFM77-307/308 CND FN TRP	.Y								
C03	77VSDF-307308.PV	ON	HFM77-307/308 FN VSD FLT	..Y								
C04	77FC-006.PV	ON	HHU-77006 FLTR CLOGGED	...Y								
C05	77TSPH-305.PV	ON	HSS-77-305 THR PTR		Y							
C06	77EHTRP-305.PV	ON	HSS-77-305 HTR TRP		.Y							
C07	77EHMF-305.PV	ON	HSS77-305 HTR MODLTN FLT		..Y							
C08	77MBTRP-006.PV	ON	HHU-77006 MN BRK TRP		...Y							
C09	77HFDZSL-007.PV	ON	HFD-77007 NOT CLS			Y						
C10	77HFDZSH-007.PV	ON	HFD-77007 NOT OPN			.Y						
C11	77HFDZSL-008.PV	ON	HFD-77008 NOT CLS			..Y						
C12	77HFDZSH-008.PV	ON	HFD-77008 NOT OPN			...Y						
C13	77HFDZSL-009.PV	ON	HFD-77009 NOT CLS				Y					
C14	77HFDZSH-009.PV	ON	HFD-77009 NOT OPN				.Y					
C15	77HSBXA-333.PV	ON	B300 - MOD SERVER ERROR				..Y					
C16	77HSBXA-033.PV	ON	B300-MODBUS FLT				...Y					
C17	77PFFC-006.PV	ON	HHU-77006 FN FTR CLOGGED					Y				
C18	77HFDZSL-010.PV	ON	HFD-77010 NOT CLS					.Y				
C19	77HFDZSH-010.PV	ON	HFD-77010 NOT OPN					..Y				
C20	77HFDZSL-011.PV	ON	HFD-77011 NOT CLS					...Y				
C21	77HFDZSH-011.PV	ON	HFD-77011 NOT OPN						Y			
C22	77TTXA-301.PV	ON	77-TT-301 FLT						.Y			
C23	77TTXA-302.PV	ON	77-TT-302 FLT						..Y			
C24	77TTXA-303.PV	ON	77-TT-303 FLT						...Y			
C25	77TTXA-304.PV	ON	77-TT-304 FLT							Y		
C26	77PTXA-301.PV	ON	77-PT-301 FLT							.Y		
C27	B300SMF-001.PV	ON	MODBUS MAJOR FAULT							..Y		
C28	FCS0101114-RL01.X05	GE								...Y		
C29	FCS0101114-RL01.X06	GE									Y	
C30												
C31												
C32	FCS0101114-RL01.X04	GE										Y
A01	77LPA-302AN.PV	L	HCO-77-302 LP ALM	Y								
A02	77CFTRP-307308AN.PV	L	HFM77-307/308 CND FN TRP	.Y								
A03	77VSDF-307308AN.PV	L	HFM77-307/308 FN VSD FLT	..Y								
A04	77FC-006AN.PV	L	HHU-77006 FLTR CLOGGED	...Y								
A05	77TSPH-305AN.PV	L	HSS-77-305 THR PTR		Y							
A06	77EHTRP-305AN.PV	L	HSS-77-305 HTR TRP		.Y							
A07	77EHMF-305AN.PV	L	HSS77-305 HTR MODLTN FLT		..Y							
A08	77MBTRP-006AN.PV	L	HHU-77006 MN BRK TRP		...Y							
A09	77HFDZSL-007AN.PV	L	HFD-77007 NOT CLS			Y						
A10	77HFDZSH-007AN.PV	L	HFD-77007 NOT OPN			.Y						
A11	77HFDZSL-008AN.PV	L	HFD-77008 NOT CLS			..Y						
A12	77HFDZSH-008AN.PV	L	HFD-77008 NOT OPN			...Y						
A13	77HFDZSL-009AN.PV	L	HFD-77009 NOT CLS				Y					
A14	77HFDZSH-009AN.PV	L	HFD-77009 NOT OPN				.Y					
A15	77HSBXA-333AN.PV	L	B300 - MOD SERVER ERROR				..Y					
A16	77HSBXA-033AN.PV	L	B300-MODBUS FLT				...Y					
A17	77PFFC-006AN.PV	L	HHU-77006 FN FTR CLOGGED					Y				
A18	77HFDZSL-010AN.PV	L	HFD-77010 NOT CLS					.Y				
A19	77HFDZSH-010AN.PV	L	HFD-77010 NOT OPN					..Y				
A20	77HFDZSL-011AN.PV	L	HFD-77011 NOT CLS					...Y				
A21	77HFDZSH-011AN.PV	L	HFD-77011 NOT OPN						Y			
A22	77TTXA-301AN.PV	L	77-TT-301 FLT						.Y			
A23	77TTXA-302AN.PV	L	77-TT-302 FLT						..Y			
A24	77TTXA-303AN.PV	L	77-TT-303 FLT						...Y			
A25	77TTXA-304AN.PV	L	77-TT-304 FLT							Y		
A26	77PTXA-301AN.PV	L	77-PT-301 FLT							.Y		
A27	B300SMF-001AN.PV	L	HVAC SYSTEM MAJOR FAULT							..Y		
A28	77HHUUS-005AN.PV	L	77HHUUS-005 FAULT							...Y		
A29	77HHUUS-006AN.PV	L	77HHUUS-006 FAULT								Y	
A30												
A31												
A32	77HHUUS-789AN.PV	L	77HHUUS-789 FAULT									Y
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (FCS0101114-RL01)

Basic

Tag Name	FCS0101114-RL01
Model Name	RL
Tag Comment	
Lvl	4

Relational Expression

No.	X	Operator	Y	Comment
001	77HHUUS-101112.PV	Relational Operation	3	
002	77HHUUS-007.PV	Relational Operation	3	
003	77HHUUS-008.PV	Relational Operation	3	
004	77HHUUS-789.PV	Relational Operation	3	
005	77HHUUS-005.PV	Relational Operation	3	
006	77HHUUS-006.PV	Relational Operation	3	

Tag Detail (B400-HSB-001SS HHU-77007 SELECT STAT)

Basic

Tag Name	B400-HSB-001SS
Model Name	PVI
Tag Comment	HHU-77007 SELECT STAT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (B400-HSB-002SS HHU-77008 SELECT STAT)

Basic

Tag Name	B400-HSB-002SS
Model Name	PVI
Tag Comment	HHU-77008 SELECT STAT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77TI-405 HCO 77401 OIL TEMP)

Basic

Tag Name	77TI-405
Model Name	PVI
Tag Comment	HCO 77401 OIL TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77TI-406 HCO 77402 OIL TEMP)

Basic

Tag Name	77TI-406
Model Name	PVI
Tag Comment	HCO 77402 OIL TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (B300-HSB-001SS HHU-77005 SELECT STAT)

Basic

Tag Name	B300-HSB-001SS
Model Name	PVI
Tag Comment	HHU-77005 SELECT STAT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (B300-HSB-002SS HHU-77006 SELECT STAT)

Basic

Tag Name	B300-HSB-002SS
Model Name	PVI
Tag Comment	HHU-77006 SELECT STAT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77TI-305 HCO 77301 OIL TEMP)

Basic

Tag Name	77TI-305
Model Name	PVI
Tag Comment	HCO 77301 OIL TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

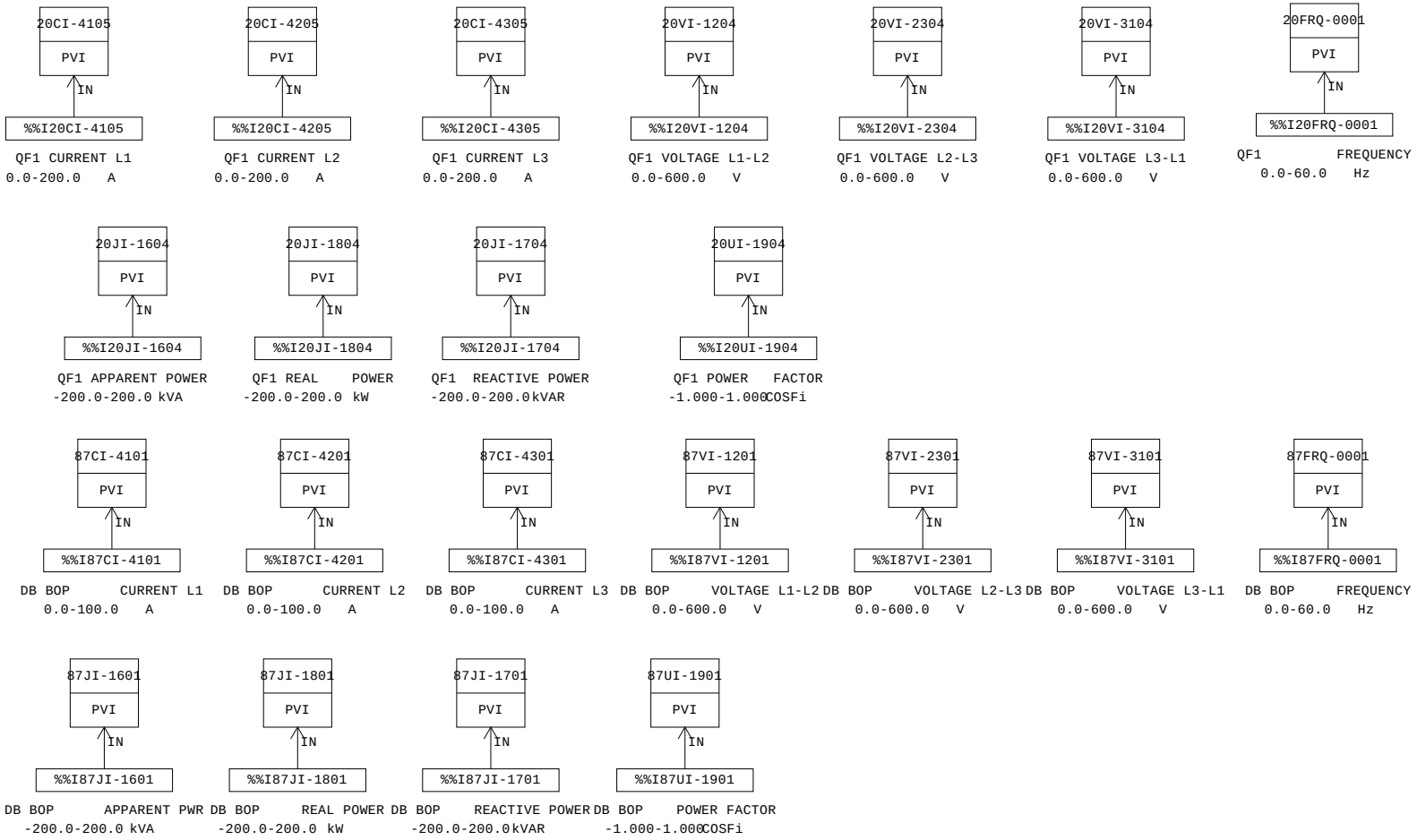
Tag Detail (77TI-306 HCO 77302 OIL TEMP)

Basic

Tag Name	77TI-306

Model Name	PVI
Tag Comment	HCO 77302 OIL TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0115.edf	SHEET:		YOKOGAWA	PAGE:3-25-40-1
STATION:	FCS0101	SAVED DATE:	5/2/2025 11:42:57 PM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0115	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0115.edf	SHEET:		YOKOGAWA	PAGE:3-25-40-2
STATION:	FCS0101	SAVED DATE:	5/2/2025 11:42:57 PM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0115	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP002_011	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
002	TYP002_012	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
003	TYP002_013	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
004	TYP002_014	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
005	TYP002_015	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
006	TYP002_016	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
007	TYP002_017	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
008	TYP002_022	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
009	TYP002_018	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
010	TYP002_007	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
011	TYP002_006	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
012	TYP002_005	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
013	TYP002_004	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
014	TYP002_001	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
015	TYP002_002	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
016	TYP002_003	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
017	TYP002_008	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
018	TYP002_009	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
019	TYP002_010	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
020	TYP002_021	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
021	TYP002_019	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
022	TYP002_020	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR

PROJECT:	BLPH-CW1	FILE NAME:	DR0115.edf	SHEET:		YOKOGAWA	PAGE:3-25-40-3
STATION:	FCS0101	SAVED DATE:	5/2/2025 11:42:57 PM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0115	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	20CI-4105	PVI	QF1 CURRENT L1	0.0	200.0	A	Communication Input	No	%%I20CI-4105
						4			
002	20CI-4205	PVI	QF1 CURRENT L2	0.0	200.0	A	Communication Input	No	%%I20CI-4205
						4			
003	20CI-4305	PVI	QF1 CURRENT L3	0.0	200.0	A	Communication Input	No	%%I20CI-4305
						4			
004	20VI-1204	PVI	QF1 VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I20VI-1204
						4			
005	20VI-2304	PVI	QF1 VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I20VI-2304
						4			
006	20VI-3104	PVI	QF1 VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I20VI-3104
						4			
007	20FRQ-0001	PVI	QF1 FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I20FRQ-0001
						4			
008	20JI-1604	PVI	QF1 APPARENT POWER	-200.0	200.0	kVA	Communication Input	No	%%I20JI-1604
						4			
009	20JI-1804	PVI	QF1 REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I20JI-1804
						4			
010	20JI-1704	PVI	QF1 REACTIVE POWER	-200.0	200.0	kVAR	Communication Input	No	%%I20JI-1704
						4			
011	20UI-1904	PVI	QF1 POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I20UI-1904
						4			
012	87CI-4101	PVI	DB BOP CURRENT L1	0.0	100.0	A	Communication Input	No	%%I87CI-4101
						4			
013	87CI-4201	PVI	DB BOP CURRENT L2	0.0	100.0	A	Communication Input	No	%%I87CI-4201
						4			
014	87CI-4301	PVI	DB BOP CURRENT L3	0.0	100.0	A	Communication Input	No	%%I87CI-4301
						4			
015	87VI-1201	PVI	DB BOP VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I87VI-1201
						4			
016	87VI-2301	PVI	DB BOP VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I87VI-2301
						4			
017	87VI-3101	PVI	DB BOP VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I87VI-3101
						4			
018	87FRQ-0001	PVI	DB BOP FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I87FRQ-0001
						4			
019	87JI-1601	PVI	DB BOP APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I87JI-1601
						4			
020	87JI-1801	PVI	DB BOP REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I87JI-1801
						4			
021	87JI-1701	PVI	DB BOP REACTIVE POWER	-200.0	200.0	kVAR	Communication Input	No	%%I87JI-1701
						4			
022	87UI-1901	PVI	DB BOP POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I87UI-1901
						4			

Tag Detail (20CI-4105 QF1 CURRENT L1)

Basic

Tag Name	20CI-4105
Model Name	PVI
Tag Comment	QF1 CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20CI-4205 QF1 CURRENT L2)

Basic

Tag Name	20CI-4205
Model Name	PVI
Tag Comment	QF1 CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20CI-4305 QF1 CURRENT L3)

Basic

Tag Name	20CI-4305
Model Name	PVI
Tag Comment	QF1 CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20VI-1204 QF1 VOLTAGE L1-L2)

Basic

Tag Name	20VI-1204
Model Name	PVI
Tag Comment	QF1 VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20VI-2304 QF1 VOLTAGE L2-L3)

Basic

Tag Name	20VI-2304
Model Name	PVI
Tag Comment	QF1 VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20VI-3104 QF1 VOLTAGE L3-L1)

Basic

Tag Name	20VI-3104
Model Name	PVI
Tag Comment	QF1 VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20FRQ-0001 QF1 FREQUENCY)

Basic

Tag Name	20FRQ-0001
Model Name	PVI
Tag Comment	QF1 FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20JI-1604 QF1 APPARENT POWER)

Basic

Tag Name	20JI-1604
Model Name	PVI
Tag Comment	QF1 APPARENT POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20JI-1804 QF1 REAL POWER)

Basic

Tag Name	20JI-1804

Model Name	PVI
Tag Comment	QF1 REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20JI-1704 QF1 REACTIVE POWER)

Basic

Tag Name	20JI-1704
Model Name	PVI
Tag Comment	QF1 REACTIVE POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20UI-1904 QF1 POWER FACTOR)

Basic

Tag Name	20UI-1904
Model Name	PVI
Tag Comment	QF1 POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87CI-4101 DB BOP CURRENT L1)

Basic

Tag Name	87CI-4101
Model Name	PVI
Tag Comment	DB BOP CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87CI-4201 DB BOP CURRENT L2)

Basic

Tag Name	87CI-4201
Model Name	PVI
Tag Comment	DB BOP CURRENT L2

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87CI-4301 DB BOP CURRENT L3)

Basic

Tag Name	87CI-4301
Model Name	PVI
Tag Comment	DB BOP CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-1201 DB BOP VOLTAGE L1-L2)

Basic

Tag Name	87VI-1201
Model Name	PVI
Tag Comment	DB BOP VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-2301 DB BOP VOLTAGE L2-L3)

Basic

Tag Name	87VI-2301
Model Name	PVI
Tag Comment	DB BOP VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-3101 DB BOP VOLTAGE L3-L1)

Basic

Tag Name	87VI-3101
Model Name	PVI
Tag Comment	DB BOP VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87FRQ-0001 DB BOP FREQUENCY)

Basic

Tag Name	87FRQ-0001
Model Name	PVI
Tag Comment	DB BOP FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1601 DB BOP APPARENT PWR)

Basic

Tag Name	87JI-1601
Model Name	PVI
Tag Comment	DB BOP APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1801 DB BOP REAL POWER)

Basic

Tag Name	87JI-1801
Model Name	PVI
Tag Comment	DB BOP REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1701 DB BOP REACTIVE POWER)

Basic

Tag Name	87JI-1701
Model Name	PVI
Tag Comment	DB BOP REACTIVE POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

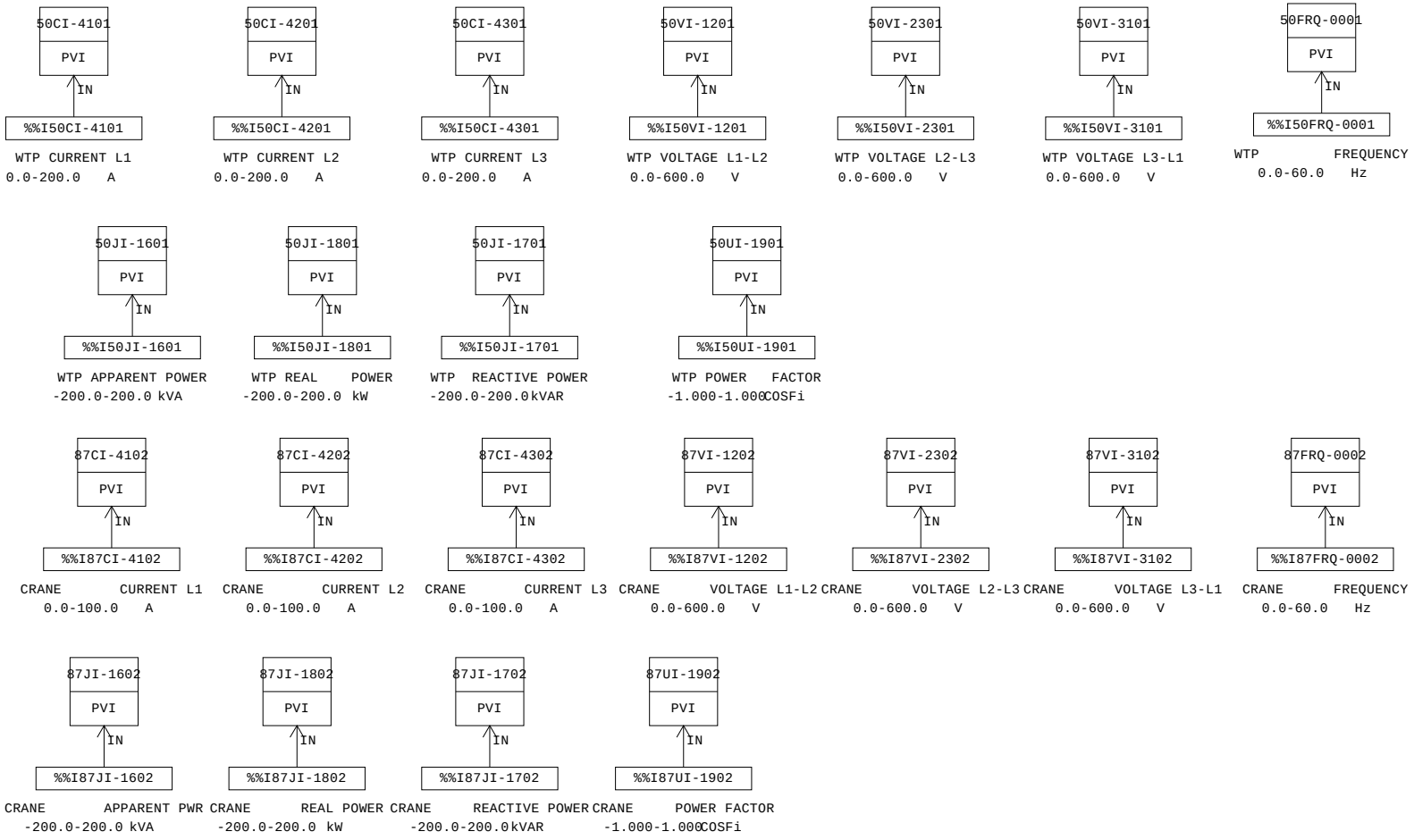
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87UI-1901 DB BOP POWER FACTOR)

Basic

Tag Name	87UI-1901
Model Name	PVI
Tag Comment	DB BOP POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0116.edf	SHEET:		YOKOGAWA	PAGE:3-25-41-1
STATION:	FCS0101	SAVED DATE:	5/2/2025 11:53:34 PM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0116	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0116.edf	SHEET:		YOKOGAWA	PAGE:3-25-41-2
STATION:	FCS0101	SAVED DATE:	5/2/2025 11:53:34 PM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0116	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP002_007	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
002	TYP002_018	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
003	TYP002_004	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
004	TYP002_005	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
005	TYP002_006	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
006	TYP002_012	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
007	TYP002_013	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
008	TYP002_014	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
009	TYP002_015	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
010	TYP002_016	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
011	TYP002_017	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
012	TYP002_022	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
013	TYP002_011	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
014	TYP002_001	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
015	TYP002_002	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
016	TYP002_003	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
017	TYP002_008	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
018	TYP002_009	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
019	TYP002_010	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
020	TYP002_021	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
021	TYP002_019	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
022	TYP002_020	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR

PROJECT:	BLPH-CW1	FILE NAME:	DR0116.edf	SHEET:		YOKOGAWA	PAGE:3-25-41-3
STATION:	FCS0101	SAVED DATE:	5/2/2025 11:53:34 PM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0116	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	50CI-4101	PVI	WTP CURRENT L1	0.0	200.0	A	Communication Input	No	%%I50CI-4101
						4			
002	50CI-4201	PVI	WTP CURRENT L2	0.0	200.0	A	Communication Input	No	%%I50CI-4201
						4			
003	50CI-4301	PVI	WTP CURRENT L3	0.0	200.0	A	Communication Input	No	%%I50CI-4301
						4			
004	50VI-1201	PVI	WTP VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I50VI-1201
						4			
005	50VI-2301	PVI	WTP VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I50VI-2301
						4			
006	50VI-3101	PVI	WTP VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I50VI-3101
						4			
007	50FRQ-0001	PVI	WTP FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I50FRQ-0001
						4			
008	50JI-1601	PVI	WTP APPARENT POWER	-200.0	200.0	kVA	Communication Input	No	%%I50JI-1601
						4			
009	50JI-1801	PVI	WTP REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I50JI-1801
						4			
010	50JI-1701	PVI	WTP REACTIVE POWER	-200.0	200.0	kVAR	Communication Input	No	%%I50JI-1701
						4			
011	50UI-1901	PVI	WTP POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I50UI-1901
						4			
012	87CI-4102	PVI	CRANE CURRENT L1	0.0	100.0	A	Communication Input	No	%%I87CI-4102
						4			
013	87CI-4202	PVI	CRANE CURRENT L2	0.0	100.0	A	Communication Input	No	%%I87CI-4202
						4			
014	87CI-4302	PVI	CRANE CURRENT L3	0.0	100.0	A	Communication Input	No	%%I87CI-4302
						4			
015	87VI-1202	PVI	CRANE VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I87VI-1202
						4			
016	87VI-2302	PVI	CRANE VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I87VI-2302
						4			
017	87VI-3102	PVI	CRANE VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I87VI-3102
						4			
018	87FRQ-0002	PVI	CRANE FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I87FRQ-0002
						4			
019	87JI-1602	PVI	CRANE APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I87JI-1602
						4			
020	87JI-1802	PVI	CRANE REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I87JI-1802
						4			
021	87JI-1702	PVI	CRANE REACTIVE POWER	-200.0	200.0	kVAR	Communication Input	No	%%I87JI-1702
						4			
022	87UI-1902	PVI	CRANE POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I87UI-1902
						4			

Tag Detail (50CI-4101 WTP CURRENT L1)

Basic

Tag Name	50CI-4101
Model Name	PVI
Tag Comment	WTP CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50CI-4201 WTP CURRENT L2)

Basic

Tag Name	50CI-4201
Model Name	PVI
Tag Comment	WTP CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50CI-4301 WTP CURRENT L3)

Basic

Tag Name	50CI-4301
Model Name	PVI
Tag Comment	WTP CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50VI-1201 WTP VOLTAGE L1-L2)

Basic

Tag Name	50VI-1201
Model Name	PVI
Tag Comment	WTP VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50VI-2301 WTP VOLTAGE L2-L3)

Basic

Tag Name	50VI-2301
Model Name	PVI
Tag Comment	WTP VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50VI-3101 WTP VOLTAGE L3-L1)

Basic

Tag Name	50VI-3101
Model Name	PVI
Tag Comment	WTP VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50FRQ-0001 WTP FREQUENCY)

Basic

Tag Name	50FRQ-0001
Model Name	PVI
Tag Comment	WTP FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50JI-1601 WTP APPARENT POWER)

Basic

Tag Name	50JI-1601
Model Name	PVI
Tag Comment	WTP APPARENT POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50JI-1801 WTP REAL POWER)

Basic

Tag Name	50JI-1801

Model Name	PVI
Tag Comment	WTP REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50JI-1701 WTP REACTIVE POWER)

Basic

Tag Name	50JI-1701
Model Name	PVI
Tag Comment	WTP REACTIVE POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50UI-1901 WTP POWER FACTOR)

Basic

Tag Name	50UI-1901
Model Name	PVI
Tag Comment	WTP POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87CI-4102 CRANE CURRENT L1)

Basic

Tag Name	87CI-4102
Model Name	PVI
Tag Comment	CRANE CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87CI-4202 CRANE CURRENT L2)

Basic

Tag Name	87CI-4202
Model Name	PVI
Tag Comment	CRANE CURRENT L2

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87CI-4302 CRANE CURRENT L3)

Basic

Tag Name	87CI-4302
Model Name	PVI
Tag Comment	CRANE CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-1202 CRANE VOLTAGE L1-L2)

Basic

Tag Name	87VI-1202
Model Name	PVI
Tag Comment	CRANE VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-2302 CRANE VOLTAGE L2-L3)

Basic

Tag Name	87VI-2302
Model Name	PVI
Tag Comment	CRANE VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-3102 CRANE VOLTAGE L3-L1)

Basic

Tag Name	87VI-3102
Model Name	PVI
Tag Comment	CRANE VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87FRQ-0002 CRANE FREQUENCY)

Basic

Tag Name	87FRQ-0002
Model Name	PVI
Tag Comment	CRANE FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1602 CRANE APPARENT PWR)

Basic

Tag Name	87JI-1602
Model Name	PVI
Tag Comment	CRANE APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1802 CRANE REAL POWER)

Basic

Tag Name	87JI-1802
Model Name	PVI
Tag Comment	CRANE REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1702 CRANE REACTIVE POWER)

Basic

Tag Name	87JI-1702
Model Name	PVI
Tag Comment	CRANE REACTIVE POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

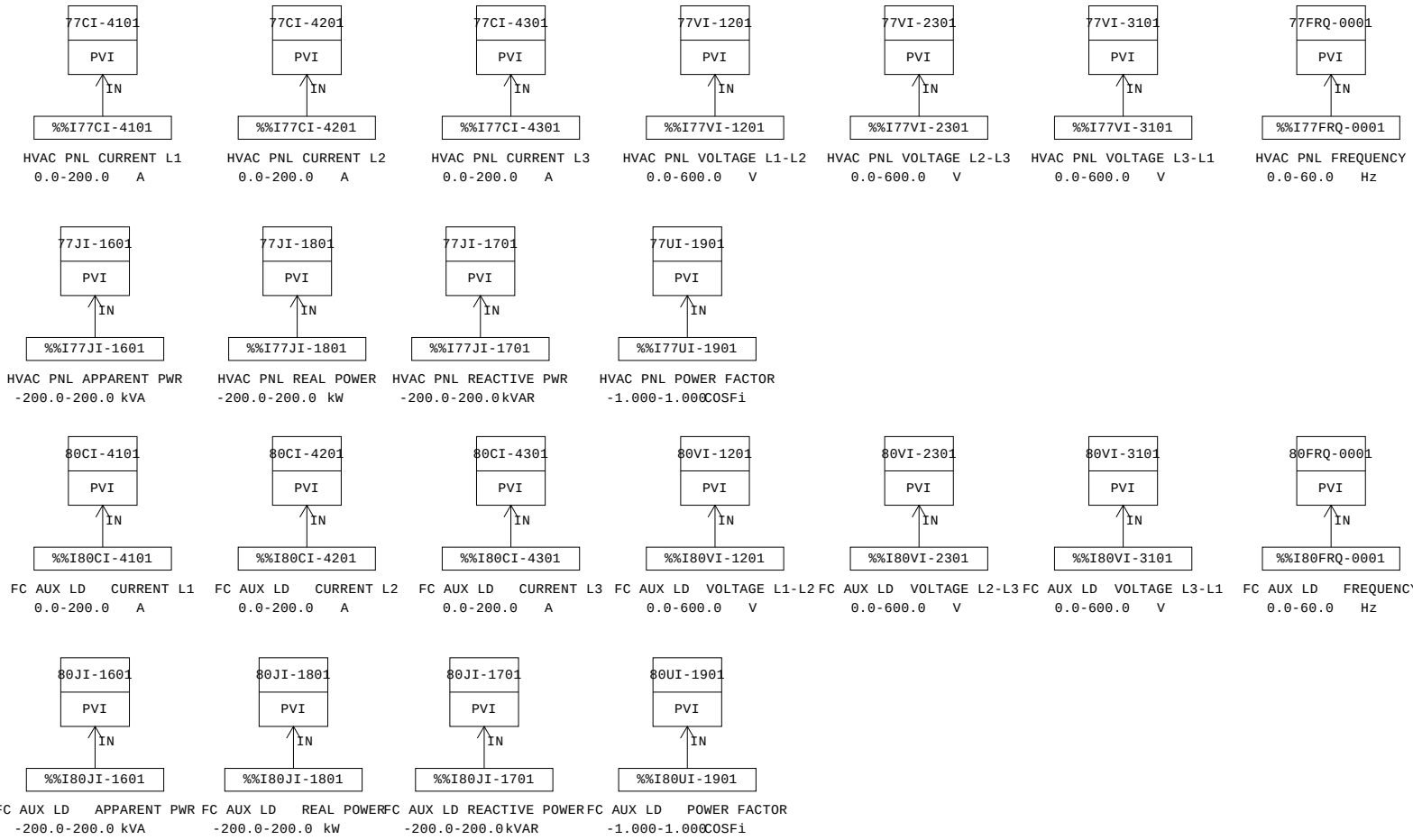
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87UI-1902 CRANE POWER FACTOR)

Basic

Tag Name	87UI-1902
Model Name	PVI
Tag Comment	CRANE POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0117.edf	SHEET:		YOKOGAWA	PAGE:3-25-42-1
STATION:	FCS0101	SAVED DATE:	5/3/2025 12:00:45 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0117	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0117.edf	SHEET:		YOKOGAWA	PAGE:3-25-42-2
STATION:	FCS0101	SAVED DATE:	5/3/2025 12:00:45 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0117	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP002_007	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
002	TYP002_018	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
003	TYP002_011	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
004	TYP002_022	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
005	TYP002_004	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
006	TYP002_005	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
007	TYP002_006	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
008	TYP002_017	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
009	TYP002_016	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
010	TYP002_015	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
011	TYP002_001	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
012	TYP002_002	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
013	TYP002_003	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
014	TYP002_012	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
015	TYP002_013	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
016	TYP002_014	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
017	TYP002_008	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
018	TYP002_009	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
019	TYP002_010	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
020	TYP002_021	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
021	TYP002_019	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
022	TYP002_020	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR

PROJECT:	BLPH-CW1	FILE NAME:	DR0117.edf	SHEET:		YOKOGAWA	PAGE:3-25-42-3
STATION:	FCS0101	SAVED DATE:	5/3/2025 12:00:45 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0117	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	80CI-4101	PVI	FC AUX LD CURRENT L1	0.0	200.0	A	Communication Input	No	%%I80CI-4101
						4			
002	80CI-4201	PVI	FC AUX LD CURRENT L2	0.0	200.0	A	Communication Input	No	%%I80CI-4201
						4			
003	80CI-4301	PVI	FC AUX LD CURRENT L3	0.0	200.0	A	Communication Input	No	%%I80CI-4301
						4			
004	80VI-1201	PVI	FC AUX LD VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I80VI-1201
						4			
005	80VI-2301	PVI	FC AUX LD VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I80VI-2301
						4			
006	80VI-3101	PVI	FC AUX LD VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I80VI-3101
						4			
007	80FRQ-0001	PVI	FC AUX LD FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I80FRQ-0001
						4			
008	80JI-1601	PVI	FC AUX LD APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I80JI-1601
						4			
009	80JI-1801	PVI	FC AUX LD REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I80JI-1801
						4			
010	80JI-1701	PVI	FC AUX LD REACTIVE POWER	-200.0	200.0	kVAR	Communication Input	No	%%I80JI-1701
						4			
011	80UI-1901	PVI	FC AUX LD POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I80UI-1901
						4			
012	77CI-4101	PVI	HVAC PNL CURRENT L1	0.0	200.0	A	Communication Input	No	%%I77CI-4101
						4			
013	77CI-4201	PVI	HVAC PNL CURRENT L2	0.0	200.0	A	Communication Input	No	%%I77CI-4201
						4			
014	77CI-4301	PVI	HVAC PNL CURRENT L3	0.0	200.0	A	Communication Input	No	%%I77CI-4301
						4			
015	77VI-1201	PVI	HVAC PNL VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I77VI-1201
						4			
016	77VI-2301	PVI	HVAC PNL VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I77VI-2301
						4			
017	77VI-3101	PVI	HVAC PNL VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I77VI-3101
						4			
018	77FRQ-0001	PVI	HVAC PNL FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I77FRQ-0001
						4			
019	77JI-1601	PVI	HVAC PNL APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I77JI-1601
						4			
020	77JI-1801	PVI	HVAC PNL REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I77JI-1801
						4			
021	77JI-1701	PVI	HVAC PNL REACTIVE PWR	-200.0	200.0	kVAR	Communication Input	No	%%I77JI-1701
						4			
022	77UI-1901	PVI	HVAC PNL POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I77UI-1901
						4			

Tag Detail (80CI-4101 FC AUX LD CURRENT L1)

Basic

Tag Name	80CI-4101
Model Name	PVI
Tag Comment	FC AUX LD CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80CI-4201 FC AUX LD CURRENT L2)

Basic

Tag Name	80CI-4201
Model Name	PVI
Tag Comment	FC AUX LD CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80CI-4301 FC AUX LD CURRENT L3)

Basic

Tag Name	80CI-4301
Model Name	PVI
Tag Comment	FC AUX LD CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80VI-1201 FC AUX LD VOLTAGE L1-L2)

Basic

Tag Name	80VI-1201
Model Name	PVI
Tag Comment	FC AUX LD VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80VI-2301 FC AUX LD VOLTAGE L2-L3)

Basic

Tag Name	80VI-2301
Model Name	PVI
Tag Comment	FC AUX LD VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80VI-3101 FC AUX LD VOLTAGE L3-L1)

Basic

Tag Name	80VI-3101
Model Name	PVI
Tag Comment	FC AUX LD VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80FRQ-0001 FC AUX LD FREQUENCY)

Basic

Tag Name	80FRQ-0001
Model Name	PVI
Tag Comment	FC AUX LD FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80JI-1601 FC AUX LD APPARENT PWR)

Basic

Tag Name	80JI-1601
Model Name	PVI
Tag Comment	FC AUX LD APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80JI-1801 FC AUX LD REAL POWER)

Basic

Tag Name	80JI-1801

Model Name	PVI
Tag Comment	FC AUX LD REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80JI-1701 FC AUX LD REACTIVE POWER)

Basic

Tag Name	80JI-1701
Model Name	PVI
Tag Comment	FC AUX LD REACTIVE POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (80UI-1901 FC AUX LD POWER FACTOR)

Basic

Tag Name	80UI-1901
Model Name	PVI
Tag Comment	FC AUX LD POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77CI-4101 HVAC PNL CURRENT L1)

Basic

Tag Name	77CI-4101
Model Name	PVI
Tag Comment	HVAC PNL CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77CI-4201 HVAC PNL CURRENT L2)

Basic

Tag Name	77CI-4201
Model Name	PVI
Tag Comment	HVAC PNL CURRENT L2

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77CI-4301 HVAC PNL CURRENT L3)

Basic

Tag Name	77CI-4301
Model Name	PVI
Tag Comment	HVAC PNL CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-1201 HVAC PNL VOLTAGE L1-L2)

Basic

Tag Name	77VI-1201
Model Name	PVI
Tag Comment	HVAC PNL VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-2301 HVAC PNL VOLTAGE L2-L3)

Basic

Tag Name	77VI-2301
Model Name	PVI
Tag Comment	HVAC PNL VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-3101 HVAC PNL VOLTAGE L3-L1)

Basic

Tag Name	77VI-3101
Model Name	PVI
Tag Comment	HVAC PNL VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77FRQ-0001 HVAC PNL FREQUENCY)

Basic

Tag Name	77FRQ-0001
Model Name	PVI
Tag Comment	HVAC PNL FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1601 HVAC PNL APPARENT PWR)

Basic

Tag Name	77JI-1601
Model Name	PVI
Tag Comment	HVAC PNL APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1801 HVAC PNL REAL POWER)

Basic

Tag Name	77JI-1801
Model Name	PVI
Tag Comment	HVAC PNL REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1701 HVAC PNL REACTIVE PWR)

Basic

Tag Name	77JI-1701
Model Name	PVI
Tag Comment	HVAC PNL REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

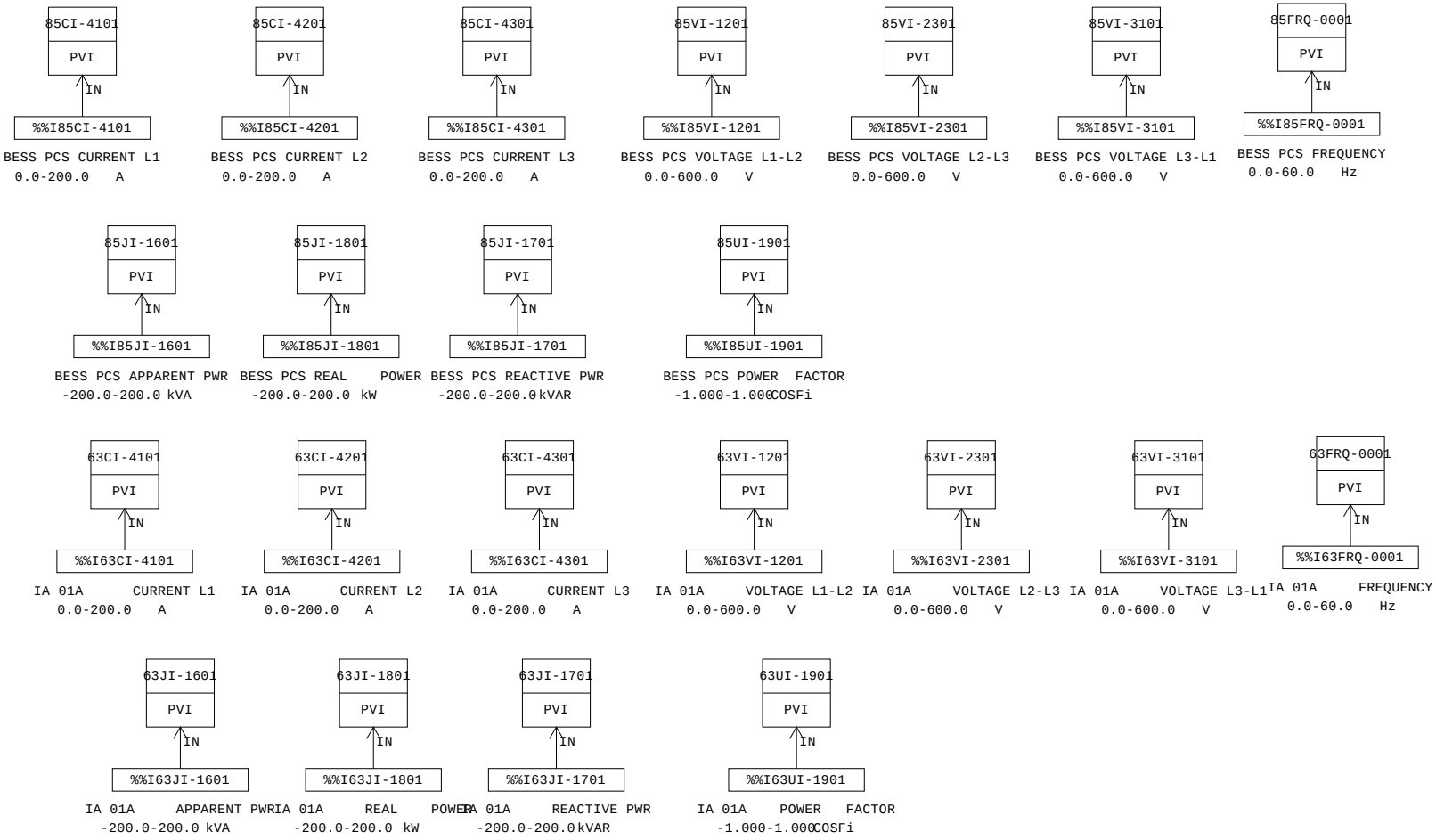
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77UI-1901 HVAC PNL POWER FACTOR)

Basic

Tag Name	77UI-1901
Model Name	PVI
Tag Comment	HVAC PNL POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0118.edf	SHEET:		YOKOGAWA	PAGE:3-25-43-1
STATION:	FCS0101	SAVED DATE:	5/3/2025 12:06:10 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0118	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0118.edf	SHEET:		YOKOGAWA	PAGE:3-25-43-2
STATION:	FCS0101	SAVED DATE:	5/3/2025 12:06:10 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0118	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP002_007	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
002	TYP002_018	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
003	TYP002_011	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
004	TYP002_022	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
005	TYP002_004	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
006	TYP002_005	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
007	TYP002_006	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
008	TYP002_015	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
009	TYP002_016	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
010	TYP002_017	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
011	TYP002_001	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
012	TYP002_002	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
013	TYP002_003	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
014	TYP002_012	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
015	TYP002_013	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
016	TYP002_014	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
017	TYP002_008	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
018	TYP002_009	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
019	TYP002_010	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
020	TYP002_019	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
021	TYP002_021	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
022	TYP002_020	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR

PROJECT:	BLPH-CW1	FILE NAME:	DR0118.edf	SHEET:		YOKOGAWA	PAGE:3-25-43-3
STATION:	FCS0101	SAVED DATE:	5/3/2025 12:06:10 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0118	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	85CI-4101	PVI	BESS PCS CURRENT L1	0.0	200.0	A	Communication Input	No	%%I85CI-4101
						4			
002	85CI-4201	PVI	BESS PCS CURRENT L2	0.0	200.0	A	Communication Input	No	%%I85CI-4201
						4			
003	85CI-4301	PVI	BESS PCS CURRENT L3	0.0	200.0	A	Communication Input	No	%%I85CI-4301
						4			
004	85VI-1201	PVI	BESS PCS VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I85VI-1201
						4			
005	85VI-2301	PVI	BESS PCS VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I85VI-2301
						4			
006	85VI-3101	PVI	BESS PCS VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I85VI-3101
						4			
007	85FRQ-0001	PVI	BESS PCS FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I85FRQ-0001
						4			
008	85JI-1601	PVI	BESS PCS APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I85JI-1601
						4			
009	85JI-1801	PVI	BESS PCS REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I85JI-1801
						4			
010	85JI-1701	PVI	BESS PCS REACTIVE PWR	-200.0	200.0	kVAR	Communication Input	No	%%I85JI-1701
						4			
011	85UI-1901	PVI	BESS PCS POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I85UI-1901
						4			
012	63CI-4101	PVI	IA 01A CURRENT L1	0.0	200.0	A	Communication Input	No	%%I63CI-4101
						4			
013	63CI-4201	PVI	IA 01A CURRENT L2	0.0	200.0	A	Communication Input	No	%%I63CI-4201
						4			
014	63CI-4301	PVI	IA 01A CURRENT L3	0.0	200.0	A	Communication Input	No	%%I63CI-4301
						4			
015	63VI-1201	PVI	IA 01A VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I63VI-1201
						4			
016	63VI-2301	PVI	IA 01A VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I63VI-2301
						4			
017	63VI-3101	PVI	IA 01A VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I63VI-3101
						4			
018	63FRQ-0001	PVI	IA 01A FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I63FRQ-0001
						4			
019	63JI-1601	PVI	IA 01A APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I63JI-1601
						4			
020	63JI-1801	PVI	IA 01A REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I63JI-1801
						4			
021	63JI-1701	PVI	IA 01A REACTIVE PWR	-200.0	200.0	kVAR	Communication Input	No	%%I63JI-1701
						4			
022	63UI-1901	PVI	IA 01A POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I63UI-1901
						4			

Tag Detail (85CI-4101 BESS PCS CURRENT L1)

Basic

Tag Name	85CI-4101
Model Name	PVI
Tag Comment	BESS PCS CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85CI-4201 BESS PCS CURRENT L2)

Basic

Tag Name	85CI-4201
Model Name	PVI
Tag Comment	BESS PCS CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85CI-4301 BESS PCS CURRENT L3)

Basic

Tag Name	85CI-4301
Model Name	PVI
Tag Comment	BESS PCS CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85VI-1201 BESS PCS VOLTAGE L1-L2)

Basic

Tag Name	85VI-1201
Model Name	PVI
Tag Comment	BESS PCS VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85VI-2301 BESS PCS VOLTAGE L2-L3)

Basic

Tag Name	85VI-2301
Model Name	PVI
Tag Comment	BESS PCS VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85VI-3101 BESS PCS VOLTAGE L3-L1)

Basic

Tag Name	85VI-3101
Model Name	PVI
Tag Comment	BESS PCS VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85FRQ-0001 BESS PCS FREQUENCY)

Basic

Tag Name	85FRQ-0001
Model Name	PVI
Tag Comment	BESS PCS FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85JI-1601 BESS PCS APPARENT PWR)

Basic

Tag Name	85JI-1601
Model Name	PVI
Tag Comment	BESS PCS APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85JI-1801 BESS PCS REAL POWER)

Basic

Tag Name	85JI-1801

Model Name	PVI
Tag Comment	BESS PCS REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85JI-1701 BESS PCS REACTIVE PWR)

Basic

Tag Name	85JI-1701
Model Name	PVI
Tag Comment	BESS PCS REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85UI-1901 BESS PCS POWER FACTOR)

Basic

Tag Name	85UI-1901
Model Name	PVI
Tag Comment	BESS PCS POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63CI-4101 IA 01A CURRENT L1)

Basic

Tag Name	63CI-4101
Model Name	PVI
Tag Comment	IA 01A CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63CI-4201 IA 01A CURRENT L2)

Basic

Tag Name	63CI-4201
Model Name	PVI
Tag Comment	IA 01A CURRENT L2

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63CI-4301 IA 01A CURRENT L3)

Basic

Tag Name	63CI-4301
Model Name	PVI
Tag Comment	IA 01A CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63VI-1201 IA 01A VOLTAGE L1-L2)

Basic

Tag Name	63VI-1201
Model Name	PVI
Tag Comment	IA 01A VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63VI-2301 IA 01A VOLTAGE L2-L3)

Basic

Tag Name	63VI-2301
Model Name	PVI
Tag Comment	IA 01A VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63VI-3101 IA 01A VOLTAGE L3-L1)

Basic

Tag Name	63VI-3101
Model Name	PVI
Tag Comment	IA 01A VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63FRQ-0001 IA 01A FREQUENCY)

Basic

Tag Name	63FRQ-0001
Model Name	PVI
Tag Comment	IA 01A FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63JI-1601 IA 01A APPARENT PWR)

Basic

Tag Name	63JI-1601
Model Name	PVI
Tag Comment	IA 01A APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63JI-1801 IA 01A REAL POWER)

Basic

Tag Name	63JI-1801
Model Name	PVI
Tag Comment	IA 01A REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63JI-1701 IA 01A REACTIVE PWR)

Basic

Tag Name	63JI-1701
Model Name	PVI
Tag Comment	IA 01A REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

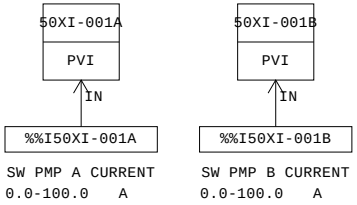
Tag Detail (63UI-1901 IA 01A POWER FACTOR)

Basic

Tag Name	63UI-1901
Model Name	PVI
Tag Comment	IA 01A POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0119.edf	SHEET:		YOKOGAWA	PAGE:3-25-44-1
STATION:	FCS0101	SAVED DATE:	7/25/2025 9:45:47 AM	COMMENT:	LV SUB SYSTEM PVI		
SECTION:	DR0119	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0119 | BLPH-CW | LV SUB SYSTEM PVI]



PROJECT:	BLPH-CW1	FILE NAME:	DR0119.edf	SHEET:		YOKOGAWA	PAGE:3-25-44-2
STATION:	FCS0101	SAVED DATE:	7/25/2025 9:45:47 AM	COMMENT:	LV SUB SYSTEM PVI		
SECTION:	DR0119	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUB SYSTEM PVI

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	50XI-001A	PVI	SW PMP A CURRENT	0.0	100.0	A 4	Communication Input	No	%%I50XI-001A
002	50XI-001B	PVI	SW PMP B CURRENT	0.0	100.0	A 4	Communication Input	No	%%I50XI-001B

Tag Detail (50XI-001A SW PMP A CURRENT)

Basic

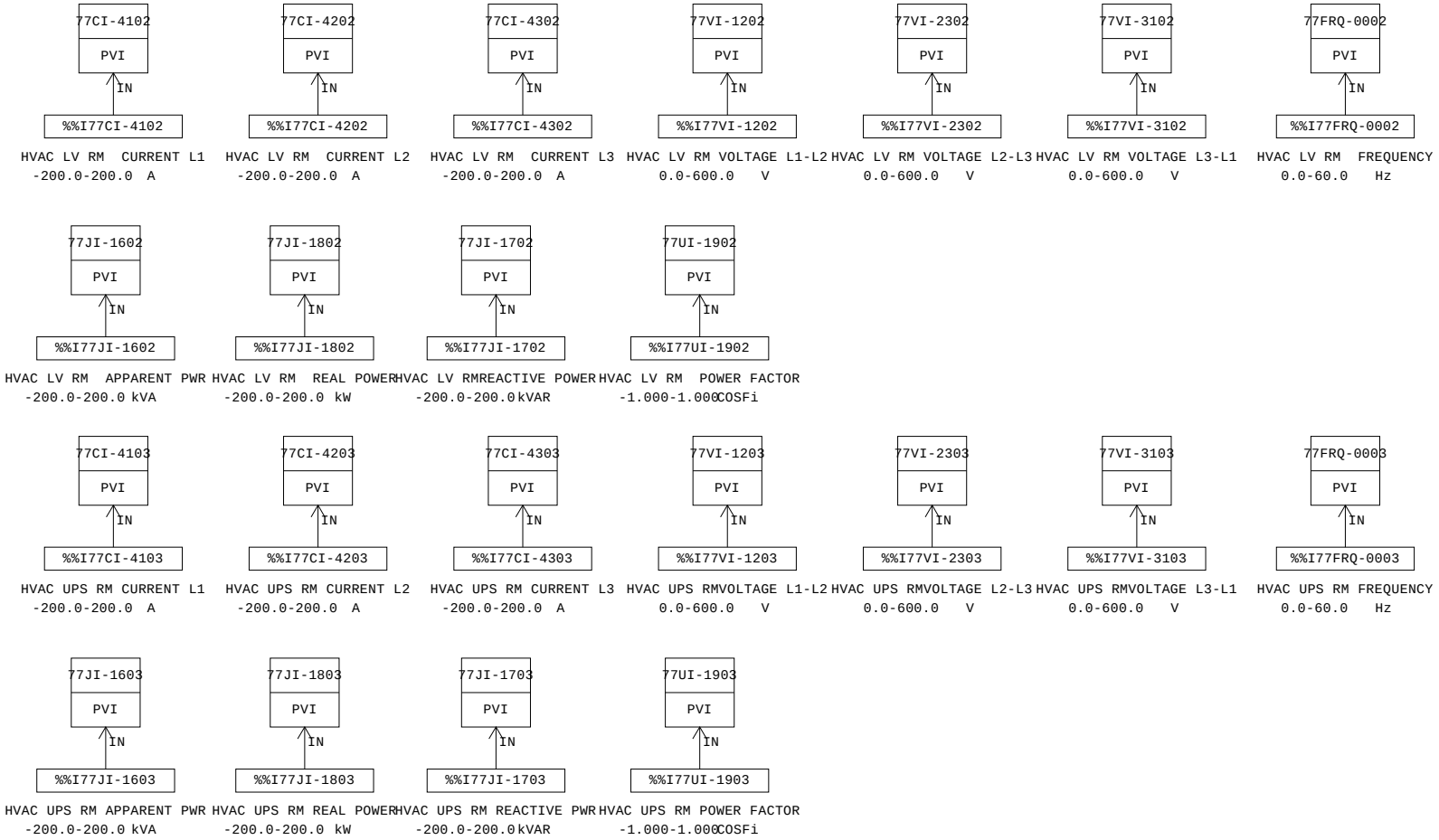
Tag Name	50XI-001A
Model Name	PVI
Tag Comment	SW PMP A CURRENT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50XI-001B SW PMP B CURRENT)

Basic

Tag Name	50XI-001B
Model Name	PVI
Tag Comment	SW PMP B CURRENT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0120.edf	SHEET:		YOKOGAWA	PAGE:3-25-45-1
STATION:	FCS0101	SAVED DATE:	5/3/2025 1:28:52 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0120	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0120.edf	SHEET:		YOKOGAWA	PAGE:3-25-45-2
STATION:	FCS0101	SAVED DATE:	5/3/2025 1:28:52 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0120	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP002_022	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
002	TYP002_007	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
003	TYP002_018	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
004	TYP002_004	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
005	TYP002_005	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
006	TYP002_006	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
007	TYP002_011	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
008	TYP002_015	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
009	TYP002_016	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
010	TYP002_017	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
011	TYP002_001	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
012	TYP002_002	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
013	TYP002_003	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
014	TYP002_012	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
015	TYP002_013	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
016	TYP002_014	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
017	TYP002_008	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
018	TYP002_009	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
019	TYP002_010	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
020	TYP002_019	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
021	TYP002_020	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
022	TYP002_021	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR

PROJECT:	BLPH-CW1	FILE NAME:	DR0120.edf	SHEET:		YOKOGAWA	PAGE:3-25-45-3
STATION:	FCS0101	SAVED DATE:	5/3/2025 1:28:52 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0120	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	77CI-4102	PVI	HVAC LV RM CURRENT L1	-200.0	200.0	A	Communication Input	No	%%I77CI-4102
						4			
002	77CI-4202	PVI	HVAC LV RM CURRENT L2	-200.0	200.0	A	Communication Input	No	%%I77CI-4202
						4			
003	77CI-4302	PVI	HVAC LV RM CURRENT L3	-200.0	200.0	A	Communication Input	No	%%I77CI-4302
						4			
004	77VI-1202	PVI	HVAC LV RM VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I77VI-1202
						4			
005	77VI-2302	PVI	HVAC LV RM VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I77VI-2302
						4			
006	77VI-3102	PVI	HVAC LV RM VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I77VI-3102
						4			
007	77FRQ-0002	PVI	HVAC LV RM FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I77FRQ-0002
						4			
008	77JI-1602	PVI	HVAC LV RM APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I77JI-1602
						4			
009	77JI-1802	PVI	HVAC LV RM REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I77JI-1802
						4			
010	77JI-1702	PVI	HVAC LV RMREACTIVE POWER	-200.0	200.0	kVAR	Communication Input	No	%%I77JI-1702
						4			
011	77UI-1902	PVI	HVAC LV RM POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I77UI-1902
						4			
012	77CI-4103	PVI	HVAC UPS RM CURRENT L1	-200.0	200.0	A	Communication Input	No	%%I77CI-4103
						4			
013	77CI-4203	PVI	HVAC UPS RM CURRENT L2	-200.0	200.0	A	Communication Input	No	%%I77CI-4203
						4			
014	77CI-4303	PVI	HVAC UPS RM CURRENT L3	-200.0	200.0	A	Communication Input	No	%%I77CI-4303
						4			
015	77VI-1203	PVI	HVAC UPS RMVOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I77VI-1203
						4			
016	77VI-2303	PVI	HVAC UPS RMVOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I77VI-2303
						4			
017	77VI-3103	PVI	HVAC UPS RMVOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I77VI-3103
						4			
018	77FRQ-0003	PVI	HVAC UPS RM FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I77FRQ-0003
						4			
019	77JI-1603	PVI	HVAC UPS RM APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I77JI-1603
						4			
020	77JI-1803	PVI	HVAC UPS RM REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I77JI-1803
						4			
021	77JI-1703	PVI	HVAC UPS RM REACTIVE PWR	-200.0	200.0	kVAR	Communication Input	No	%%I77JI-1703
						4			
022	77UI-1903	PVI	HVAC UPS RM POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I77UI-1903
						4			

Tag Detail (77CI-4102 HVAC LV RM CURRENT L1)

Basic

Tag Name	77CI-4102
Model Name	PVI
Tag Comment	HVAC LV RM CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77CI-4202 HVAC LV RM CURRENT L2)

Basic

Tag Name	77CI-4202
Model Name	PVI
Tag Comment	HVAC LV RM CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77CI-4302 HVAC LV RM CURRENT L3)

Basic

Tag Name	77CI-4302
Model Name	PVI
Tag Comment	HVAC LV RM CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-1202 HVAC LV RM VOLTAGE L1-L2)

Basic

Tag Name	77VI-1202
Model Name	PVI
Tag Comment	HVAC LV RM VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-2302 HVAC LV RM VOLTAGE L2-L3)

Basic

Tag Name	77VI-2302
Model Name	PVI
Tag Comment	HVAC LV RM VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-3102 HVAC LV RM VOLTAGE L3-L1)

Basic

Tag Name	77VI-3102
Model Name	PVI
Tag Comment	HVAC LV RM VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77FRQ-0002 HVAC LV RM FREQUENCY)

Basic

Tag Name	77FRQ-0002
Model Name	PVI
Tag Comment	HVAC LV RM FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1602 HVAC LV RM APPARENT PWR)

Basic

Tag Name	77JI-1602
Model Name	PVI
Tag Comment	HVAC LV RM APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1802 HVAC LV RM REAL POWER)

Basic

Tag Name	77JI-1802

Model Name	PVI
Tag Comment	HVAC LV RM REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1702 HVAC LV RMREACTIVE POWER)

Basic

Tag Name	77JI-1702
Model Name	PVI
Tag Comment	HVAC LV RMREACTIVE POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77UI-1902 HVAC LV RM POWER FACTOR)

Basic

Tag Name	77UI-1902
Model Name	PVI
Tag Comment	HVAC LV RM POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77CI-4103 HVAC UPS RM CURRENT L1)

Basic

Tag Name	77CI-4103
Model Name	PVI
Tag Comment	HVAC UPS RM CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77CI-4203 HVAC UPS RM CURRENT L2)

Basic

Tag Name	77CI-4203
Model Name	PVI
Tag Comment	HVAC UPS RM CURRENT L2

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77CI-4303 HVAC UPS RM CURRENT L3)

Basic

Tag Name	77CI-4303
Model Name	PVI
Tag Comment	HVAC UPS RM CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-1203 HVAC UPS RMVOLTAGE L1-L2)

Basic

Tag Name	77VI-1203
Model Name	PVI
Tag Comment	HVAC UPS RMVOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-2303 HVAC UPS RMVOLTAGE L2-L3)

Basic

Tag Name	77VI-2303
Model Name	PVI
Tag Comment	HVAC UPS RMVOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-3103 HVAC UPS RMVOLTAGE L3-L1)

Basic

Tag Name	77VI-3103
Model Name	PVI
Tag Comment	HVAC UPS RMVOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77FRQ-0003 HVAC UPS RM FREQUENCY)

Basic

Tag Name	77FRQ-0003
Model Name	PVI
Tag Comment	HVAC UPS RM FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1603 HVAC UPS RM APPARENT PWR)

Basic

Tag Name	77JI-1603
Model Name	PVI
Tag Comment	HVAC UPS RM APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1803 HVAC UPS RM REAL POWER)

Basic

Tag Name	77JI-1803
Model Name	PVI
Tag Comment	HVAC UPS RM REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1703 HVAC UPS RM REACTIVE PWR)

Basic

Tag Name	77JI-1703
Model Name	PVI
Tag Comment	HVAC UPS RM REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

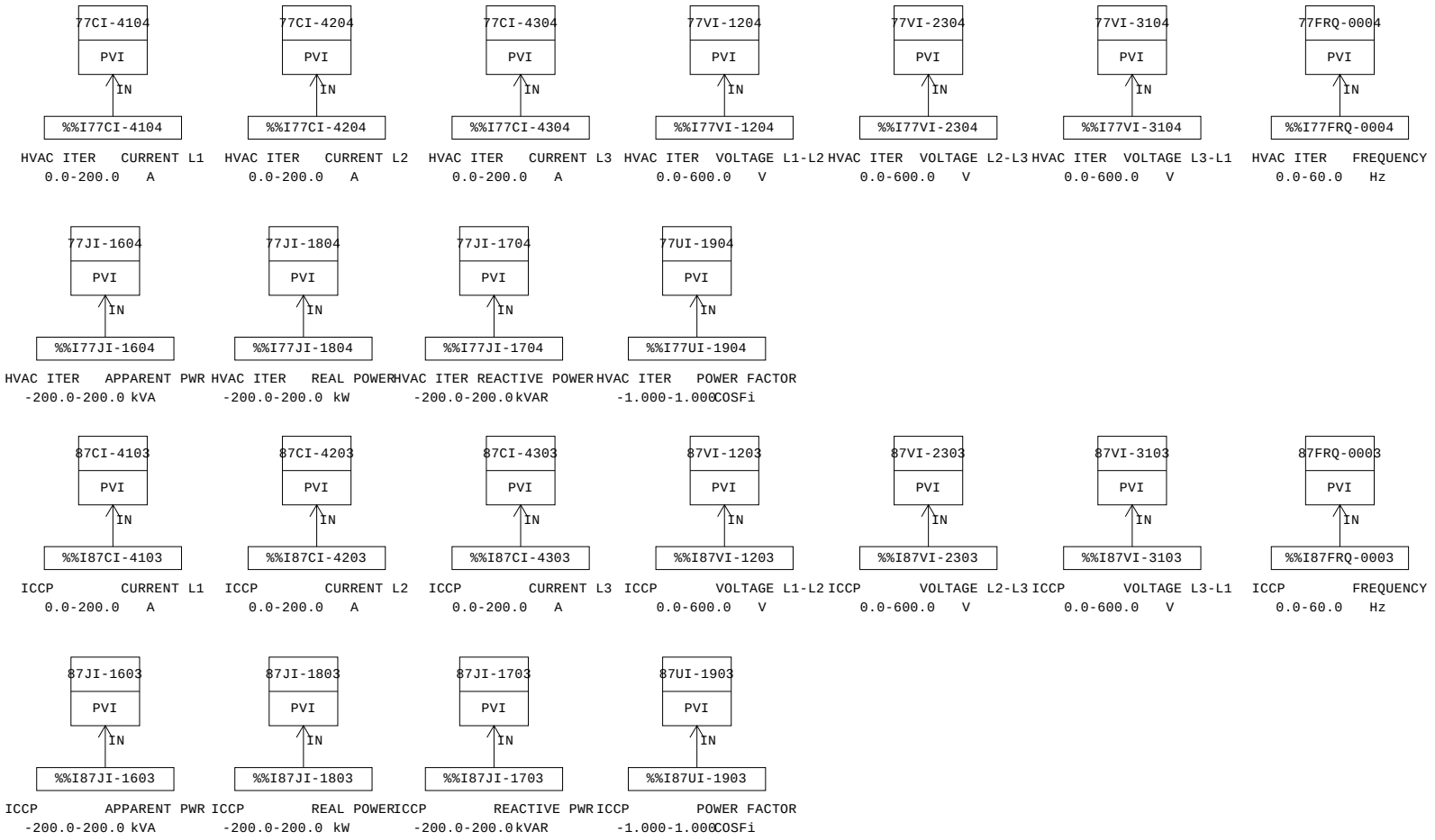
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77UI-1903 HVAC UPS RM POWER FACTOR)

Basic

Tag Name	77UI-1903
Model Name	PVI
Tag Comment	HVAC UPS RM POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0121.edf	SHEET:		YOKOGAWA	PAGE:3-25-46-1
STATION:	FCS0101	SAVED DATE:	5/3/2025 1:34:53 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0121	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0121.edf	SHEET:		YOKOGAWA	PAGE:3-25-46-2
STATION:	FCS0101	SAVED DATE:	5/3/2025 1:34:53 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0121	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP002_007	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
002	TYP002_018	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
003	TYP002_004	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
004	TYP002_005	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
005	TYP002_006	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
006	TYP002_011	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
007	TYP002_015	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
008	TYP002_016	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
009	TYP002_017	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
010	TYP002_022	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
011	TYP002_001	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
012	TYP002_002	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
013	TYP002_003	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
014	TYP002_012	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
015	TYP002_013	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
016	TYP002_014	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
017	TYP002_008	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
018	TYP002_009	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
019	TYP002_010	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
020	TYP002_019	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
021	TYP002_020	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
022	TYP002_021	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR

PROJECT:	BLPH-CW1	FILE NAME:	DR0121.edf	SHEET:		YOKOGAWA	PAGE:3-25-46-3
STATION:	FCS0101	SAVED DATE:	5/3/2025 1:34:53 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0121	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	77CI-4104	PVI	HVAC ITER CURRENT L1	0.0	200.0	A	Communication Input	No	%%I77CI-4104
						4			
002	77CI-4204	PVI	HVAC ITER CURRENT L2	0.0	200.0	A	Communication Input	No	%%I77CI-4204
						4			
003	77CI-4304	PVI	HVAC ITER CURRENT L3	0.0	200.0	A	Communication Input	No	%%I77CI-4304
						4			
004	77VI-1204	PVI	HVAC ITER VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I77VI-1204
						4			
005	77VI-2304	PVI	HVAC ITER VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I77VI-2304
						4			
006	77VI-3104	PVI	HVAC ITER VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I77VI-3104
						4			
007	77FRQ-0004	PVI	HVAC ITER FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I77FRQ-0004
						4			
008	77JI-1604	PVI	HVAC ITER APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I77JI-1604
						4			
009	77JI-1804	PVI	HVAC ITER REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I77JI-1804
						4			
010	77JI-1704	PVI	HVAC ITER REACTIVE POWER	-200.0	200.0	kVAR	Communication Input	No	%%I77JI-1704
						4			
011	77UI-1904	PVI	HVAC ITER POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I77UI-1904
						4			
012	87CI-4103	PVI	ICCP CURRENT L1	0.0	200.0	A	Communication Input	No	%%I87CI-4103
						4			
013	87CI-4203	PVI	ICCP CURRENT L2	0.0	200.0	A	Communication Input	No	%%I87CI-4203
						4			
014	87CI-4303	PVI	ICCP CURRENT L3	0.0	200.0	A	Communication Input	No	%%I87CI-4303
						4			
015	87VI-1203	PVI	ICCP VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I87VI-1203
						4			
016	87VI-2303	PVI	ICCP VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I87VI-2303
						4			
017	87VI-3103	PVI	ICCP VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I87VI-3103
						4			
018	87FRQ-0003	PVI	ICCP FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I87FRQ-0003
						4			
019	87JI-1603	PVI	ICCP APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I87JI-1603
						4			
020	87JI-1803	PVI	ICCP REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I87JI-1803
						4			
021	87JI-1703	PVI	ICCP REACTIVE PWR	-200.0	200.0	kVAR	Communication Input	No	%%I87JI-1703
						4			
022	87UI-1903	PVI	ICCP POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I87UI-1903
						4			

Tag Detail (77CI-4104 HVAC ITER CURRENT L1)

Basic

Tag Name	77CI-4104
Model Name	PVI
Tag Comment	HVAC ITER CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77CI-4204 HVAC ITER CURRENT L2)

Basic

Tag Name	77CI-4204
Model Name	PVI
Tag Comment	HVAC ITER CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77CI-4304 HVAC ITER CURRENT L3)

Basic

Tag Name	77CI-4304
Model Name	PVI
Tag Comment	HVAC ITER CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-1204 HVAC ITER VOLTAGE L1-L2)

Basic

Tag Name	77VI-1204
Model Name	PVI
Tag Comment	HVAC ITER VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-2304 HVAC ITER VOLTAGE L2-L3)

Basic

Tag Name	77VI-2304
Model Name	PVI
Tag Comment	HVAC ITER VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77VI-3104 HVAC ITER VOLTAGE L3-L1)

Basic

Tag Name	77VI-3104
Model Name	PVI
Tag Comment	HVAC ITER VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77FRQ-0004 HVAC ITER FREQUENCY)

Basic

Tag Name	77FRQ-0004
Model Name	PVI
Tag Comment	HVAC ITER FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1604 HVAC ITER APPARENT PWR)

Basic

Tag Name	77JI-1604
Model Name	PVI
Tag Comment	HVAC ITER APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1804 HVAC ITER REAL POWER)

Basic

Tag Name	77JI-1804

Model Name	PVI
Tag Comment	HVAC ITER REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77JI-1704 HVAC ITER REACTIVE POWER)

Basic

Tag Name	77JI-1704
Model Name	PVI
Tag Comment	HVAC ITER REACTIVE POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (77UI-1904 HVAC ITER POWER FACTOR)

Basic

Tag Name	77UI-1904
Model Name	PVI
Tag Comment	HVAC ITER POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87CI-4103 ICCP CURRENT L1)

Basic

Tag Name	87CI-4103
Model Name	PVI
Tag Comment	ICCP CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87CI-4203 ICCP CURRENT L2)

Basic

Tag Name	87CI-4203
Model Name	PVI
Tag Comment	ICCP CURRENT L2

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87CI-4303 ICCP CURRENT L3)

Basic

Tag Name	87CI-4303
Model Name	PVI
Tag Comment	ICCP CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-1203 ICCP VOLTAGE L1-L2)

Basic

Tag Name	87VI-1203
Model Name	PVI
Tag Comment	ICCP VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-2303 ICCP VOLTAGE L2-L3)

Basic

Tag Name	87VI-2303
Model Name	PVI
Tag Comment	ICCP VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-3103 ICCP VOLTAGE L3-L1)

Basic

Tag Name	87VI-3103
Model Name	PVI
Tag Comment	ICCP VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87FRQ-0003 ICCP FREQUENCY)

Basic

Tag Name	87FRQ-0003
Model Name	PVI
Tag Comment	ICCP FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1603 ICCP APPARENT PWR)

Basic

Tag Name	87JI-1603
Model Name	PVI
Tag Comment	ICCP APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1803 ICCP REAL POWER)

Basic

Tag Name	87JI-1803
Model Name	PVI
Tag Comment	ICCP REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1703 ICCP REACTIVE PWR)

Basic

Tag Name	87JI-1703
Model Name	PVI
Tag Comment	ICCP REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

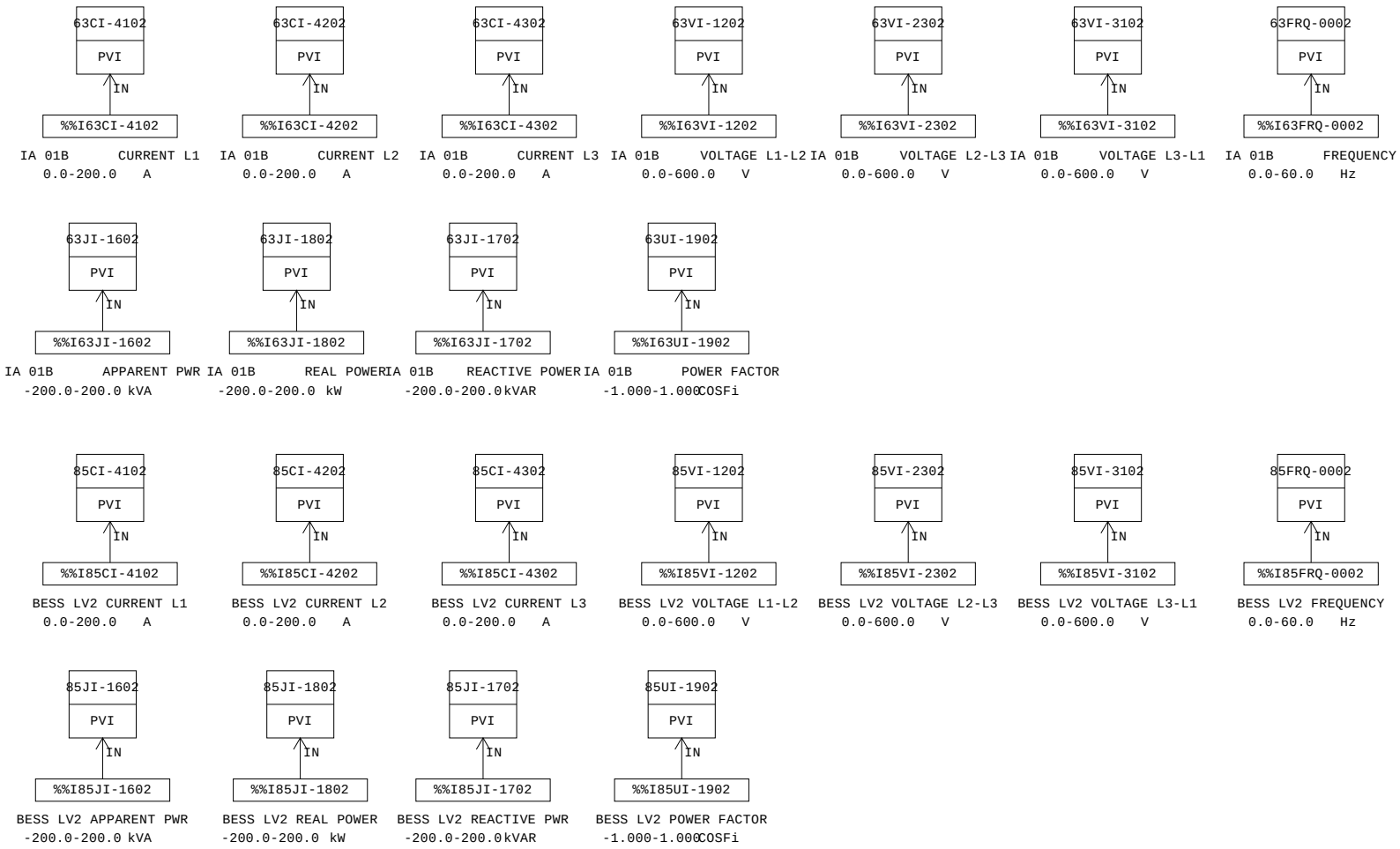
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87UI-1903 ICCP POWER FACTOR)

Basic

Tag Name	87UI-1903
Model Name	PVI
Tag Comment	ICCP POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0122.edf	SHEET:		YOKOGAWA	PAGE:3-25-47-1
STATION:	FCS0101	SAVED DATE:	5/3/2025 2:41:34 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0122	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0122.edf	SHEET:		YOKOGAWA	PAGE:3-25-47-2
STATION:	FCS0101	SAVED DATE:	5/3/2025 2:41:34 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0122	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP002_004	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
002	TYP002_005	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
003	TYP002_006	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
004	TYP002_007	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
005	TYP002_011	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
006	TYP002_018	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
007	TYP002_022	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
008	TYP002_015	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
009	TYP002_016	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
010	TYP002_017	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
011	TYP002_001	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
012	TYP002_002	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
013	TYP002_003	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
014	TYP002_012	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
015	TYP002_008	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
016	TYP002_009	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
017	TYP002_010	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
018	TYP002_021	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
019	TYP002_019	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
020	TYP002_020	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
021	TYP002_013	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
022	TYP002_014	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR

PROJECT:	BLPH-CW1	FILE NAME:	DR0122.edf	SHEET:		YOKOGAWA	PAGE:3-25-47-3
STATION:	FCS0101	SAVED DATE:	5/3/2025 2:41:34 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0122	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	85CI-4102	PVI	BESS LV2 CURRENT L1	0.0	200.0	A	Communication Input	No	%%I85CI-4102
						4			
002	85CI-4202	PVI	BESS LV2 CURRENT L2	0.0	200.0	A	Communication Input	No	%%I85CI-4202
						4			
003	85CI-4302	PVI	BESS LV2 CURRENT L3	0.0	200.0	A	Communication Input	No	%%I85CI-4302
						4			
004	85VI-1202	PVI	BESS LV2 VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I85VI-1202
						4			
005	85VI-2302	PVI	BESS LV2 VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I85VI-2302
						4			
006	85VI-3102	PVI	BESS LV2 VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I85VI-3102
						4			
007	85FRQ-0002	PVI	BESS LV2 FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I85FRQ-0002
						4			
008	85JI-1602	PVI	BESS LV2 APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I85JI-1602
						4			
009	85JI-1802	PVI	BESS LV2 REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I85JI-1802
						4			
010	85JI-1702	PVI	BESS LV2 REACTIVE PWR	-200.0	200.0	kVAR	Communication Input	No	%%I85JI-1702
						4			
011	85UI-1902	PVI	BESS LV2 POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I85UI-1902
						4			
012	63CI-4102	PVI	IA 01B CURRENT L1	0.0	200.0	A	Communication Input	No	%%I63CI-4102
						4			
013	63CI-4202	PVI	IA 01B CURRENT L2	0.0	200.0	A	Communication Input	No	%%I63CI-4202
						4			
014	63CI-4302	PVI	IA 01B CURRENT L3	0.0	200.0	A	Communication Input	No	%%I63CI-4302
						4			
015	63VI-1202	PVI	IA 01B VOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I63VI-1202
						4			
016	63VI-2302	PVI	IA 01B VOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I63VI-2302
						4			
017	63VI-3102	PVI	IA 01B VOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I63VI-3102
						4			
018	63FRQ-0002	PVI	IA 01B FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I63FRQ-0002
						4			
019	63JI-1602	PVI	IA 01B APPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I63JI-1602
						4			
020	63JI-1802	PVI	IA 01B REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I63JI-1802
						4			
021	63JI-1702	PVI	IA 01B REACTIVE POWER	-200.0	200.0	kVAR	Communication Input	No	%%I63JI-1702
						4			
022	63UI-1902	PVI	IA 01B POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I63UI-1902
						4			

Tag Detail (85CI-4102 BESS LV2 CURRENT L1)

Basic

Tag Name	85CI-4102
Model Name	PVI
Tag Comment	BESS LV2 CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85CI-4202 BESS LV2 CURRENT L2)

Basic

Tag Name	85CI-4202
Model Name	PVI
Tag Comment	BESS LV2 CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85CI-4302 BESS LV2 CURRENT L3)

Basic

Tag Name	85CI-4302
Model Name	PVI
Tag Comment	BESS LV2 CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85VI-1202 BESS LV2 VOLTAGE L1-L2)

Basic

Tag Name	85VI-1202
Model Name	PVI
Tag Comment	BESS LV2 VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85VI-2302 BESS LV2 VOLTAGE L2-L3)

Basic

Tag Name	85VI-2302
Model Name	PVI
Tag Comment	BESS LV2 VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85VI-3102 BESS LV2 VOLTAGE L3-L1)

Basic

Tag Name	85VI-3102
Model Name	PVI
Tag Comment	BESS LV2 VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85FRQ-0002 BESS LV2 FREQUENCY)

Basic

Tag Name	85FRQ-0002
Model Name	PVI
Tag Comment	BESS LV2 FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85JI-1602 BESS LV2 APPARENT PWR)

Basic

Tag Name	85JI-1602
Model Name	PVI
Tag Comment	BESS LV2 APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85JI-1802 BESS LV2 REAL POWER)

Basic

Tag Name	85JI-1802

Model Name	PVI
Tag Comment	BESS LV2 REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85JI-1702 BESS LV2 REACTIVE PWR)

Basic

Tag Name	85JI-1702
Model Name	PVI
Tag Comment	BESS LV2 REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85UI-1902 BESS LV2 POWER FACTOR)

Basic

Tag Name	85UI-1902
Model Name	PVI
Tag Comment	BESS LV2 POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63CI-4102 IA 01B CURRENT L1)

Basic

Tag Name	63CI-4102
Model Name	PVI
Tag Comment	IA 01B CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63CI-4202 IA 01B CURRENT L2)

Basic

Tag Name	63CI-4202
Model Name	PVI
Tag Comment	IA 01B CURRENT L2

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63CI-4302 IA 01B CURRENT L3)

Basic

Tag Name	63CI-4302
Model Name	PVI
Tag Comment	IA 01B CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63VI-1202 IA 01B VOLTAGE L1-L2)

Basic

Tag Name	63VI-1202
Model Name	PVI
Tag Comment	IA 01B VOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63VI-2302 IA 01B VOLTAGE L2-L3)

Basic

Tag Name	63VI-2302
Model Name	PVI
Tag Comment	IA 01B VOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63VI-3102 IA 01B VOLTAGE L3-L1)

Basic

Tag Name	63VI-3102
Model Name	PVI
Tag Comment	IA 01B VOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63FRQ-0002 IA 01B FREQUENCY)

Basic

Tag Name	63FRQ-0002
Model Name	PVI
Tag Comment	IA 01B FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63JI-1602 IA 01B APPARENT PWR)

Basic

Tag Name	63JI-1602
Model Name	PVI
Tag Comment	IA 01B APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63JI-1802 IA 01B REAL POWER)

Basic

Tag Name	63JI-1802
Model Name	PVI
Tag Comment	IA 01B REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63JI-1702 IA 01B REACTIVE POWER)

Basic

Tag Name	63JI-1702
Model Name	PVI
Tag Comment	IA 01B REACTIVE POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

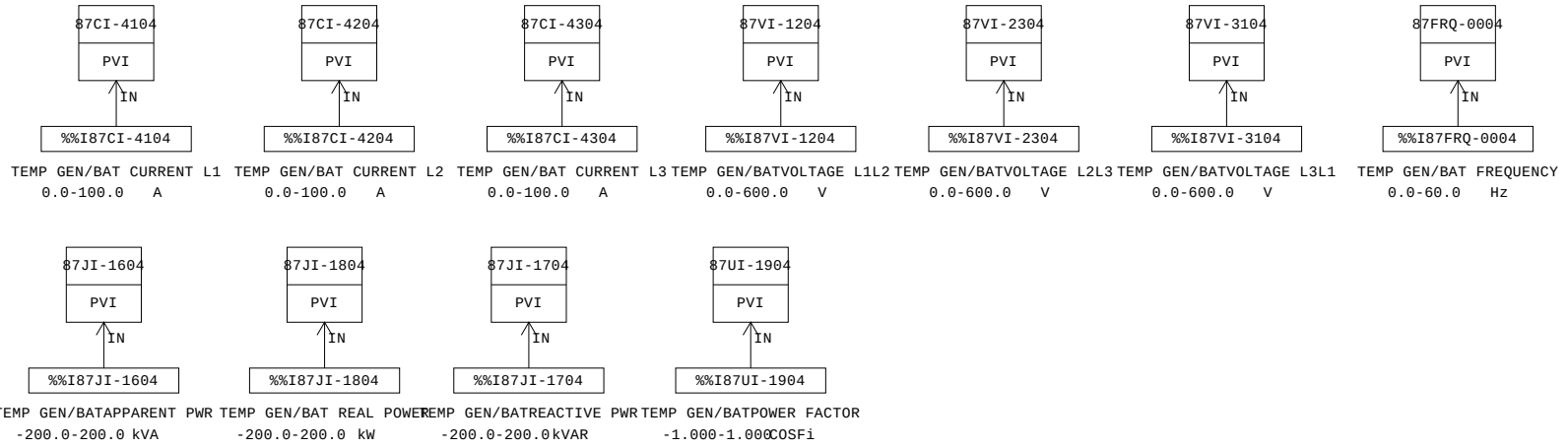
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (63UI-1902 IA 01B POWER FACTOR)

Basic

Tag Name	63UI-1902
Model Name	PVI
Tag Comment	IA 01B POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0123.edf	SHEET:		YOKOGAWA	PAGE:3-25-48-1
STATION:	FCS0101	SAVED DATE:	5/3/2025 2:45:30 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0123	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0123.edf	SHEET:		YOKOGAWA	PAGE:3-25-48-2
STATION:	FCS0101	SAVED DATE:	5/3/2025 2:45:30 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0123	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP002_001	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
002	TYP002_002	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
003	TYP002_003	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
004	TYP002_004	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
005	TYP002_005	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
006	TYP002_006	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
007	TYP002_007	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
008	TYP002_011	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
009	TYP002_008	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
010	TYP002_009	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
011	TYP002_010	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR

PROJECT:	BLPH-CW1	FILE NAME:	DR0123.edf	SHEET:		YOKOGAWA	PAGE:3-25-48-3
STATION:	FCS0101	SAVED DATE:	5/3/2025 2:45:30 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0123	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	87CI-4104	PVI	TEMP GEN/BAT CURRENT L1	0.0	100.0	A	Communication Input	No	%%I87CI-4104
						4			
002	87CI-4204	PVI	TEMP GEN/BAT CURRENT L2	0.0	100.0	A	Communication Input	No	%%I87CI-4204
						4			
003	87CI-4304	PVI	TEMP GEN/BAT CURRENT L3	0.0	100.0	A	Communication Input	No	%%I87CI-4304
						4			
004	87VI-1204	PVI	TEMP GEN/BATVOLTAGE L1L2	0.0	600.0	V	Communication Input	No	%%I87VI-1204
						4			
005	87VI-2304	PVI	TEMP GEN/BATVOLTAGE L2L3	0.0	600.0	V	Communication Input	No	%%I87VI-2304
						4			
006	87VI-3104	PVI	TEMP GEN/BATVOLTAGE L3L1	0.0	600.0	V	Communication Input	No	%%I87VI-3104
						4			
007	87FRQ-0004	PVI	TEMP GEN/BAT FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I87FRQ-0004
						4			
008	87JI-1604	PVI	TEMP GEN/BATAPPARENT PWR	-200.0	200.0	kVA	Communication Input	No	%%I87JI-1604
						4			
009	87JI-1804	PVI	TEMP GEN/BAT REAL POWER	-200.0	200.0	kW	Communication Input	No	%%I87JI-1804
						4			
010	87JI-1704	PVI	TEMP GEN/BATREACTIVE PWR	-200.0	200.0	kVAR	Communication Input	No	%%I87JI-1704
						4			
011	87UI-1904	PVI	TEMP GEN/BATPOWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I87UI-1904
						4			

Tag Detail (87CI-4104 TEMP GEN/BAT CURRENT L1)

Basic

Tag Name	87CI-4104
Model Name	PVI
Tag Comment	TEMP GEN/BAT CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87CI-4204 TEMP GEN/BAT CURRENT L2)

Basic

Tag Name	87CI-4204
Model Name	PVI
Tag Comment	TEMP GEN/BAT CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87CI-4304 TEMP GEN/BAT CURRENT L3)

Basic

Tag Name	87CI-4304
Model Name	PVI
Tag Comment	TEMP GEN/BAT CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-1204 TEMP GEN/BATVOLTAGE L1L2)

Basic

Tag Name	87VI-1204
Model Name	PVI
Tag Comment	TEMP GEN/BATVOLTAGE L1L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-2304 TEMP GEN/BATVOLTAGE L2L3)

Basic

Tag Name	87VI-2304
Model Name	PVI
Tag Comment	TEMP GEN/BATVOLTAGE L2L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87VI-3104 TEMP GEN/BATVOLTAGE L3L1)

Basic

Tag Name	87VI-3104
Model Name	PVI
Tag Comment	TEMP GEN/BATVOLTAGE L3L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87FRQ-0004 TEMP GEN/BAT FREQUENCY)

Basic

Tag Name	87FRQ-0004
Model Name	PVI
Tag Comment	TEMP GEN/BAT FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1604 TEMP GEN/BATAPPARENT PWR)

Basic

Tag Name	87JI-1604
Model Name	PVI
Tag Comment	TEMP GEN/BATAPPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1804 TEMP GEN/BAT REAL POWER)

Basic

Tag Name	87JI-1804

Model Name	PVI
Tag Comment	TEMP GEN/BAT REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (87JI-1704 TEMP GEN/BATREACTIVE PWR)

Basic

Tag Name	87JI-1704
Model Name	PVI
Tag Comment	TEMP GEN/BATREACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

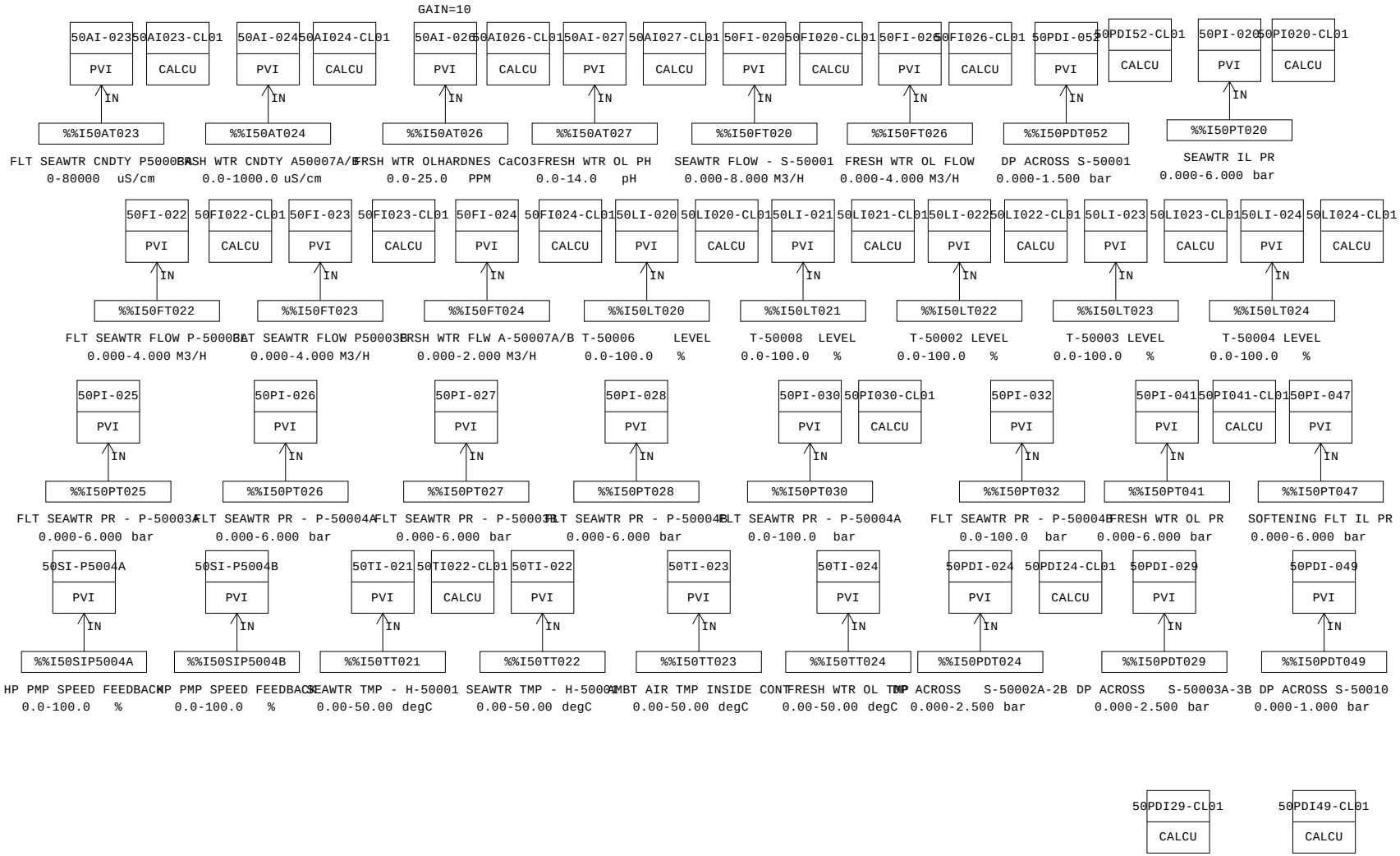
Tag Detail (87UI-1904 TEMP GEN/BATPOWER FACTOR)

Basic

Tag Name	87UI-1904
Model Name	PVI
Tag Comment	TEMP GEN/BATPOWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0125.edf	SHEET:		YOKOGAWA	PAGE:3-25-49-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:03 AM	COMMENT:	WTP SUBSYSTEM		
SECTION:	DR0125	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0125| BLPH-CW | WTP SUB SYSTEM]



PROJECT:	BLPH-CW1	FILE NAME:	DR0125.edf	SHEET:		YOKOGAWA	PAGE:3-25-49-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:03 AM	COMMENT:	WTP SUBSYSTEM		
SECTION:	DR0125	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:WTP SUBSYSTEM

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	50AI-023	PVI	FLT SEAWTR CNDTY P50003A	0	80000	uS/cm	Communication Input	No	%%I50AT023
						4			
002	50AI-024	PVI	FRSH WTR CNDTY A50007A/B	0.0	1000.0	uS/cm	Communication Input	No	%%I50AT024
						4			
003	50AI-026	PVI	FRSH WTR OLHARDNES CaCO3	0.0	25.0	PPM	Communication Input	No	%%I50AT026
						4			
004	50AI-027	PVI	FRESH WTR OL PH	0.0	14.0	pH	Communication Input	No	%%I50AT027
						4			
005	50FI-020	PVI	SEAWTR FLOW - S-50001	0.000	8.000	M3/H	Communication Input	No	%%I50FT020
						4			
006	50FI-026	PVI	FRESH WTR OL FLOW	0.000	4.000	M3/H	Communication Input	No	%%I50FT026
						4			
007	50FI-022	PVI	FLT SEAWTR FLOW P-50003A	0.000	4.000	M3/H	Communication Input	No	%%I50FT022
						4			
008	50FI-023	PVI	FLT SEAWTR FLOW P50003B	0.000	4.000	M3/H	Communication Input	No	%%I50FT023
						4			
009	50FI-024	PVI	FRSH WTR FLW A-50007A/B	0.000	2.000	M3/H	Communication Input	No	%%I50FT024
						4			
010	50LI-020	PVI	T-50006 LEVEL	0.0	100.0	%	Communication Input	No	%%I50LT020
						4			
011	50LI-021	PVI	T-50008 LEVEL	0.0	100.0	%	Communication Input	No	%%I50LT021
						4			
012	50LI-022	PVI	T-50002 LEVEL	0.0	100.0	%	Communication Input	No	%%I50LT022
						4			
013	50LI-023	PVI	T-50003 LEVEL	0.0	100.0	%	Communication Input	No	%%I50LT023
						4			
014	50LI-024	PVI	T-50004 LEVEL	0.0	100.0	%	Communication Input	No	%%I50LT024
						4			
015	50PDI-052	PVI	DP ACROSS S-50001	0.000	1.500	bar	Communication Input	No	%%I50PDT052
						4			
016	50PI-020	PVI	SEAWTR IL PR	0.000	6.000	bar	Communication Input	No	%%I50PT020
						4			
017	50PI-025	PVI	FLT SEAWTR PR - P-50003A	0.000	6.000	bar	Communication Input	No	%%I50PT025
						4			
018	50PI-026	PVI	FLT SEAWTR PR - P-50004A	0.000	6.000	bar	Communication Input	No	%%I50PT026
						4			
019	50PI-027	PVI	FLT SEAWTR PR - P-50003B	0.000	6.000	bar	Communication Input	No	%%I50PT027
						4			
020	50PI-028	PVI	FLT SEAWTR PR - P-50004B	0.000	6.000	bar	Communication Input	No	%%I50PT028
						4			
021	50PI-030	PVI	FLT SEAWTR PR - P-50004A	0.0	100.0	bar	Communication Input	No	%%I50PT030
						4			
022	50PI-032	PVI	FLT SEAWTR PR - P-50004B	0.0	100.0	bar	Communication Input	No	%%I50PT032
						4			
023	50PI-041	PVI	FRESH WTR OL PR	0.000	6.000	bar	Communication Input	No	%%I50PT041
						4			
024	50PI-047	PVI	SOFTENING FLT IL PR	0.000	6.000	bar	Communication Input	No	%%I50PT047
						4			
025	50SI-P5004A	PVI	HP PMP SPEED FEEDBACK	0.0	100.0	%	Communication Input	No	%%I50SIP5004A
						4			
026	50SI-P5004B	PVI	HP PMP SPEED FEEDBACK	0.0	100.0	%	Communication Input	No	%%I50SIP5004B
						4			
027	50TI-021	PVI	SEAWTR TMP - H-50001	0.00	50.00	degC	Communication Input	No	%%I50TT021
						4			

028	50TI-022	PVI	SEAWTR TMP - H-50001	0.00	50.00	degC	4	Communication Input	No	%%I50TT022
029	50TI-023	PVI	AMBT AIR TMP INSIDE CONT	0.00	50.00	degC	4	Communication Input	No	%%I50TT023
030	50TI-024	PVI	FRESH WTR OL TMP	0.00	50.00	degC	4	Communication Input	No	%%I50TT024
031	50AI027-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
032	50AI024-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
033	50AI026-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
034	50AI023-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
035	50FI020-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
036	50FI022-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
037	50FI023-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
038	50FI026-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
039	50FI024-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
040	50LI020-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
041	50LI021-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
042	50LI022-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
043	50LI023-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
044	50LI024-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
045	50PDI52-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
046	50PI020-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
047	50PI030-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
048	50PI041-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
049	50TI022-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
050	50PDI-024	PVI	DP ACROSS S-50002A-2B	0.000	2.500	bar	4	Communication Input	No	%%I50PDT024
051	50PDI24-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
052	50PDI-029	PVI	DP ACROSS S-50003A-3B	0.000	2.500	bar	4	Communication Input	No	%%I50PDT029
053	50PDI-049	PVI	DP ACROSS S-50010	0.000	1.000	bar	4	Communication Input	No	%%I50PDT049
054	50PDI29-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	
055	50PDI49-CL01	CALCU	ALARM SP BASED ON DI	0.0	100.0	%	4	No	No	

Tag Detail (50AI-023 FLT SEAWTR CNDTY P50003A)

Basic

Tag Name	50AI-023
Model Name	PVI
Tag Comment	FLT SEAWTR CNDTY P50003A
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50AI-024 FRSH WTR CNDTY A50007A/B)

Basic

Tag Name	50AI-024
Model Name	PVI
Tag Comment	FRSH WTR CNDTY A50007A/B
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50AI-026 FRSH WTR OLHARDNES CaCO3)

Basic

Tag Name	50AI-026
Model Name	PVI
Tag Comment	FRSH WTR OLHARDNES CaCO3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	10.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50AI-027 FRESH WTR OL PH)

Basic

Tag Name	50AI-027
Model Name	PVI
Tag Comment	FRESH WTR OL PH
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50FI-020 SEAWTR FLOW - S-50001)

Basic

Tag Name	50FI-020
Model Name	PVI
Tag Comment	SEAWTR FLOW - S-50001
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50FI-026 FRESH WTR OL FLOW)

Basic

Tag Name	50FI-026
Model Name	PVI
Tag Comment	FRESH WTR OL FLOW
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50FI-022 FLT SEAWTR FLOW P-50003A)

Basic

Tag Name	50FI-022
Model Name	PVI
Tag Comment	FLT SEAWTR FLOW P-50003A
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50FI-023 FLT SEAWTR FLOW P50003B)

Basic

Tag Name	50FI-023
Model Name	PVI
Tag Comment	FLT SEAWTR FLOW P50003B
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50FI-024 FRSH WTR FLW A-50007A/B)

Basic

Tag Name	50FI-024

Model Name	PVI
Tag Comment	FRSH WTR FLW A-50007A/B
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50LI-020 T-50006 LEVEL)

Basic

Tag Name	50LI-020
Model Name	PVI
Tag Comment	T-50006 LEVEL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50LI-021 T-50008 LEVEL)

Basic

Tag Name	50LI-021
Model Name	PVI
Tag Comment	T-50008 LEVEL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50LI-022 T-50002 LEVEL)

Basic

Tag Name	50LI-022
Model Name	PVI
Tag Comment	T-50002 LEVEL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50LI-023 T-50003 LEVEL)

Basic

Tag Name	50LI-023
Model Name	PVI
Tag Comment	T-50003 LEVEL

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50LI-024 T-50004 LEVEL)

Basic

Tag Name	50LI-024
Model Name	PVI
Tag Comment	T-50004 LEVEL
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PDI-052 DP ACROSS S-50001)

Basic

Tag Name	50PDI-052
Model Name	PVI
Tag Comment	DP ACROSS S-50001
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PI-020 SEAWTR IL PR)

Basic

Tag Name	50PI-020
Model Name	PVI
Tag Comment	SEAWTR IL PR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PI-025 FLT SEAWTR PR - P-50003A)

Basic

Tag Name	50PI-025
Model Name	PVI
Tag Comment	FLT SEAWTR PR - P-50003A
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PI-026 FLT SEAWTR PR - P-50004A)

Basic

Tag Name	50PI-026
Model Name	PVI
Tag Comment	FLT SEAWTR PR - P-50004A
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PI-027 FLT SEAWTR PR - P-50003B)

Basic

Tag Name	50PI-027
Model Name	PVI
Tag Comment	FLT SEAWTR PR - P-50003B
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PI-028 FLT SEAWTR PR - P-50004B)

Basic

Tag Name	50PI-028
Model Name	PVI
Tag Comment	FLT SEAWTR PR - P-50004B
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PI-030 FLT SEAWTR PR - P-50004A)

Basic

Tag Name	50PI-030
Model Name	PVI
Tag Comment	FLT SEAWTR PR - P-50004A
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

Input Signal Conversion
- Input Signal Conversion: Communication Input
- Data Conversion Gain: 1.000
- Data Conversion Bias: 0.000
- Input High Limit Detection Set Value: 106.25
- Input Low Limit Detection Set Value: -6.25

Totalizer
- Totalizer Time Unit: No
- Sum Value Entry: Not Allowed

Tag Detail (50PI-032 FLT SEAWTR PR - P-50004B)

Basic

Tag Name	50PI-032
Model Name	PVI
Tag Comment	FLT SEAWTR PR - P-50004B
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

Input Signal Conversion

Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25

Totalizer

Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PI-041 FRESH WTR OL PR)

Basic

Tag Name	50PI-041
Model Name	PVI
Tag Comment	FRESH WTR OL PR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

Input Signal Conversion

Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25

Totalizer

Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PI-047 SOFTENING FLT IL PR)

Basic

Tag Name	50PI-047
Model Name	PVI
Tag Comment	SOFTENING FLT IL PR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

Input Signal Conversion

Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25

Totalizer

Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50SI-P5004A HP PMP SPEED FEEDBACK)

Basic

Tag Name	50SI-P5004A
Model Name	PVI
Tag Comment	HP PMP SPEED FEEDBACK
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

Input Signal Conversion
- Input Signal Conversion: Communication Input

Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50SI-P5004B HP PMP SPEED FEEDBACK)

Basic

Tag Name	50SI-P5004B
Model Name	PVI
Tag Comment	HP PMP SPEED FEEDBACK
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50TI-021 SEAWTR TMP - H-50001)

Basic

Tag Name	50TI-021
Model Name	PVI
Tag Comment	SEAWTR TMP - H-50001
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50TI-022 SEAWTR TMP - H-50001)

Basic

Tag Name	50TI-022
Model Name	PVI
Tag Comment	SEAWTR TMP - H-50001
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50TI-023 AMBT AIR TMP INSIDE CONT)

Basic

Tag Name	50TI-023
Model Name	PVI
Tag Comment	AMBT AIR TMP INSIDE CONT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50TI-024 FRESH WTR OL TMP)

Basic

Tag Name	50TI-024
Model Name	PVI
Tag Comment	FRESH WTR OL TMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50AI027-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50AI027-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50AI027-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50AI-027.SH
002	alias AISL 50AI-027.SL
003	
004	alias DIHH 50AIT027-HH.PV
005	alias DIHI 50AIT027-H.PV
006	
007	alias DILL 50AIT027-LL.PV
008	alias DILO 50AIT027-L.PV
009	
010	
011	alias AIHH 50AI-027.HH
012	alias AIHI 50AI-027.PH
013	alias AILL 50AI-027.LL
014	alias AILO 50AI-027.PL
015	
016	alias MEAS 50AI-027.PV
017	
018	!ALARM HH,HI=0
019	if ((DIHH==0)) then
020	AIHH=0
021	AIHI=0
022	!ALARM HH =MAX ,HI=0
023	else if ((DIHH==1 AND DIHI==0)) then
024	AIHH=AISH
025	AIHI=0
026	!ALARM NORMAL
027	else if ((DIHH==1 AND DIHI==1)) then
028	
029	AIHH=AISH
030	AIHI=AISH
031	END IF
032	
033	!ALARM LO,LL=MAX
034	if ((DILL==0)) then
035	AILL=AISH
036	AILO=AISH
037	!ALARM LL =MIN ,L0=MAX
038	else if ((DILL==1 AND DILO==0)) then
039	AILL=0
040	AILO=AISH
041	!ALARM NORMAL
042	else if ((DILL==1 AND DILO==1)) then
043	AILL=AISL
044	AILO=AISL
045	END IF
046	
047	

Tag Detail (50AI024-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50AI024-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50AI024-CL01 ALARM SP BASED ON DI)

```
Line Number   General-Purpose Calculation Formula
   001        alias AISH 50AI-024.SH
   002        alias AISL 50AI-024.SL
   003
   004        alias DIHH 50AIT024-HH.PV
   005        alias DIHI 50AIT024-H.PV
   006
   007        alias AIHH  50AI-024.HH
   008        alias AIHI  50AI-024.PH
   009
   010        alias MEAS  50AI-024.PV
   011
   012        !ALARM HH,HI=0
   013        if ((DIHH==0)) then
   014            AIHH=0
   015            AIHI=0
   016        !ALARM HH =MAX ,HI=0
   017        else if ((DIHH==1 AND  DIHI==0)) then
   018            AIHH=AISH
   019           AIHI=0
   020        !ALARM NORMAL
   021        else if ((DIHH==1 AND  DIHI==1)) then
   022
   023            AIHH=AISH
   024            AIHI=AISH
   025        END IF
   026
   027
   028
   029
```

Tag Detail (50AI026-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50AI026-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50AI026-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50AI-026.SH
002	alias AISL 50AI-026.SL
003	
004	alias DIHH 50AIT026-HH.PV
005	alias DIHI 50AIT026-H.PV
006	
007	alias AIHH 50AI-026.HH
008	alias AIHI 50AI-026.PH
009	
010	alias MEAS 50AI-026.PV
011	
012	!ALARM HH,HI=0
013	if ((DIHH==0)) then
014	AIHH=0
015	AIHI=0
016	!ALARM HH =MAX ,HI=0
017	else if ((DIHH==1 AND DIHI==0)) then
018	AIHH=AISH
019	AIHI=0
020	!ALARM NORMAL
021	else if ((DIHH==1 AND DIHI==1)) then
022	
023	AIHH=AISH
024	AIHI=AISH
025	END IF
026	
027	
028	
029	

Tag Detail (50AI023-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50AI023-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50AI023-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50AI-023.SH
002	alias AISL 50AI-023.SL
003	
004	alias DIHI 50AIT023-H.PV
005	
006	alias AIHI 50AI-023.PH
007	
008	alias MEAS 50AI-023.PV
009	
010	!ALARM HI=0
011	if ((DIHI==0)) then
012	AIHI=0
013	!ALARM HI=MAX
014	else if ((DIHI==1)) then
015	AIHI=AISH
016	!ALARM NORMAL
017	else if ((DIHI==1)) then
018	
019	AIHI=AISH
020	END IF
021	
022	
023	
024	

Tag Detail (50FI020-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50FI020-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50FI020-CL01 ALARM SP BASED ON DI)

```
Line Number   General-Purpose Calculation Formula
   001        alias AISH 50FI-020.SH
   002        alias AISL 50FI-020.SL
   003
   004        alias DIHI 50FIT020-H.PV
   005        alias DILO 50FIT020-L.PV
   006
   007        alias AIHI  50FI-020.PH
   008        alias AILO  50FI-020.PL
   009
   010        alias MEAS  50FI-020.PV
   011
   012        !ALARM HI=0
   013        if ((DIHI==0)) then
   014            AIHI=0
   015        !ALARM HI=MAX
   016        else if ((DIHI==1)) then
   017            AIHI=AISH
   018        !ALARM NORMAL
   019        else if ((DIHI==1)) then
   020            AIHI=AISH
   021        END IF
   022
   023        !ALARM LO=MAX
   024        if ((DILO==0)) then
   025            AILO=AISH
   026        !ALARM NORMAL
   027        else if ((DILO==1)) then
   028            AILO=AISL
   029        END IF
   030
   031
```

Tag Detail (50FI022-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50FI022-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50FI022-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50FI-022.SH
002	alias AISL 50FI-022.SL
003	
004	alias DIHI 50FIT022-H.PV
005	alias DILO 50FIT022-L.PV
006	
007	alias AIHI 50FI-022.PH
008	alias AILO 50FI-022.PL
009	
010	alias MEAS 50FI-022.PV
011	
012	!ALARM HI=0
013	if ((DIHI==0)) then
014	AIHI=0
015	!ALARM HI=MAX
016	else if ((DIHI==1)) then
017	AIHI=AISH
018	!ALARM NORMAL
019	
020	END IF
021	
022	!ALARM LO=MAX
023	if ((DILO==0)) then
024	AILO=AISH
025	!ALARM NORMAL
026	else if ((DILO==1)) then
027	AILO=AISL
028	END IF
029	
030	

Tag Detail (50FI023-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50FI023-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50FI023-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50FI-023.SH
002	alias AISL 50FI-023.SL
003	
004	alias DIHI 50FIT023-H.PV
005	alias DILO 50FIT023-L.PV
006	
007	alias AIHI 50FI-023.PH
008	alias AILO 50FI-023.PL
009	
010	alias MEAS 50FI-023.PV
011	
012	!ALARM HI=0
013	if ((DIHI==0)) then
014	AIHI=0
015	!ALARM HI=MAX
016	else if ((DIHI==1)) then
017	AIHI=AISH
018	!ALARM NORMAL
019	
020	END IF
021	
022	!ALARM LO=MAX
023	if ((DILO==0)) then
024	AILO=AISH
025	!ALARM NORMAL
026	else if ((DILO==1)) then
027	AILO=AISL
028	END IF
029	
030	

Tag Detail (50FI026-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50FI026-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50FI026-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50FI-026.SH
002	alias AISL 50FI-026.SL
003	
004	alias DILO 50FIT026-L.PV
005	
006	alias AILO 50FI-026.PL
007	
008	alias MEAS 50FI-026.PV
009	
010	!ALARM LO=MAX
011	if ((DILO==0)) then
012	AILO=AISH
013	!ALARM NORMAL
014	else if ((DILO==1)) then
015	AILO=AISL
016	END IF
017	
018	

Tag Detail (50FI024-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50FI024-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50FI024-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50FI-024.SH
002	alias AISL 50FI-024.SL
003	
004	alias DILO 50FIT024-L.PV
005	
006	alias AILO 50FI-024.PL
007	
008	alias MEAS 50FI-024.PV
009	
010	!ALARM LO=MAX
011	if ((DILO==0)) then
012	AILO=AISH
013	!ALARM NORMAL
014	else if ((DILO==1)) then
015	AILO=AISL
016	END IF
017	
018	

Tag Detail (50LI020-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50LI020-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50LI020-CL01 ALARM SP BASED ON DI)

```
Line Number   General-Purpose Calculation Formula
   001        alias AISH 50LI-020.SH
   002        alias AISL 50LI-020.SL
   003
   004        alias DIHI 50LIT020-H.PV
   005
   006        alias DILL 50LIT020-LL.PV
   007        alias DILO 50LIT020-L.PV
   008
   009
   010        alias AIHI  50LI-020.PH
   011        alias AILL  50LI-020.LL
   012        alias AILO  50LI-020.PL
   013
   014        alias MEAS  50LI-020.PV
   015
   016        !ALARM HI=0
   017
   018        !ALARM HH =MAX ,HI=0
   019        if ((DIHI==0)) then
   020              AIHI=0
   021        !ALARM NORMAL
   022        else if ((DIHI==1)) then
   023            AIHI=AISH
   024        END IF
   025
   026        !ALARM LO,LL=MAX
   027        if ((DILL==0 )) then
   028            AILL=AISH
   029           AILO=AISH
   030        !ALARM LL =MIN ,L0=MAX
   031        else if ((DILL==1 AND DILO==0)) then
   032            AILL=AISL
   033            AILO=AISH
   034        !ALARM NORMAL
   035        else if ((DILL==1 AND  DILO==1)) then
   036            AILL=AISL
   037            AILO=AISL
   038        END IF
   039
   040
   041
```

Tag Detail (50LI021-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50LI021-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50LI021-CL01 ALARM SP BASED ON DI)

```
Line Number   General-Purpose Calculation Formula
   001        alias AISH 50LI-021.SH
   002        alias AISL 50LI-021.SL
   003
   004        alias DIHI 50LIT021-H.PV
   005
   006        alias DILL 50LIT021-LL.PV
   007        alias DILO 50LIT021-L.PV
   008
   009
   010        alias AIHI  50LI-021.PH
   011        alias AILL  50LI-021.LL
   012        alias AILO  50LI-021.PL
   013
   014        alias MEAS  50LI-021.PV
   015
   016        !ALARM HI=0
   017
   018        !ALARM HH =MAX ,HI=0
   019        if ((DIHI==0)) then
   020              AIHI=0
   021        !ALARM NORMAL
   022        else if ((DIHI==1)) then
   023            AIHI=AISH
   024        END IF
   025
   026        !ALARM LO,LL=MAX
   027        if ((DILL==0 )) then
   028            AILL=AISH
   029           AILO=AISH
   030        !ALARM LL =MIN ,L0=MAX
   031        else if ((DILL==1 AND DILO==0)) then
   032            AILL=AISL
   033            AILO=AISH
   034        !ALARM NORMAL
   035        else if ((DILL==1 AND  DILO==1)) then
   036            AILL=AISL
   037            AILO=AISL
   038        END IF
   039
   040
   041
```

Tag Detail (50LI022-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50LI022-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50LI022-CL01 ALARM SP BASED ON DI)

```
Line Number   General-Purpose Calculation Formula
   001        alias AISH 50LI-022.SH
   002        alias AISL 50LI-022.SL
   003
   004
   005
   006        alias DILL 50LIT022-LL.PV
   007        alias DILO 50LIT022-L.PV
   008
   009
   010        alias AILL  50LI-022.LL
   011        alias AILO  50LI-022.PL
   012
   013        alias MEAS  50LI-022.PV
   014
   015
   016        !ALARM LO,LL=MAX
   017        if ((DILL==0 )) then
   018            AILL=AISH
   019           AILO=AISH
   020        !ALARM LL =MIN ,L0=MAX
   021        else if ((DILL==1 AND DILO==0)) then
   022            AILL=AISL
   023            AILO=AISH
   024        !ALARM NORMAL
   025        else if ((DILL==1 AND  DILO==1)) then
   026            AILL=AISL
   027            AILO=AISL
   028        END IF
   029
   030
   031
```

Tag Detail (50LI023-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50LI023-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50LI023-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50LI-023.SH
002	alias AISL 50LI-023.SL
003	
004	
005	
006	alias DILL 50LIT023-LL.PV
007	alias DILO 50LIT023-L.PV
008	
009	
010	alias AILL 50LI-023.LL
011	alias AILO 50LI-023.PL
012	
013	alias MEAS 50LI-023.PV
014	
015	
016	!ALARM LO,LL=MAX
017	if ((DILL==0)) then
018	AILL=AISH
019	AILO=AISH
020	!ALARM LL =MIN ,L0=MAX
021	else if ((DILL==1 AND DILO==0)) then
022	AILL=AISL
023	AILO=AISH
024	!ALARM NORMAL
025	else if ((DILL==1 AND DILO==1)) then
026	AILL=AISL
027	AILO=AISL
028	END IF
029	
030	
031	

Tag Detail (50LI024-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50LI024-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50LI024-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50LI-024.SH
002	alias AISL 50LI-024.SL
003	
004	
005	
006	alias DILL 50LIT024-LL.PV
007	alias DILO 50LIT024-L.PV
008	
009	
010	alias AILL 50LI-024.LL
011	alias AILO 50LI-024.PL
012	
013	alias MEAS 50LI-024.PV
014	
015	
016	!ALARM LO,LL=MAX
017	if ((DILL==0)) then
018	AILL=AISH
019	AILO=AISH
020	!ALARM LL =MIN ,L0=MAX
021	else if ((DILL==1 AND DILO==0)) then
022	AILL=AISL
023	AILO=AISH
024	!ALARM NORMAL
025	else if ((DILL==1 AND DILO==1)) then
026	AILL=AISL
027	AILO=AISL
028	END IF
029	
030	
031	

Tag Detail (50PDI52-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50PDI52-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50PDI52-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50PDI-052.SH
002	alias AISL 50PDI-052.SL
003	
004	alias DIHI 50PDIT052-H.PV
005	
006	
007	
008	
009	alias AIHI 50PDI-052.PH
010	
011	
012	alias MEAS 50PDI-052.PV
013	
014	!ALARM HI=0
015	
016	!ALARM HI=0
017	if ((DIHI==0)) then
018	AIHI=0
019	!ALARM NORMAL
020	else if ((DIHI==1)) then
021	AIHI=AISH
022	END IF

Tag Detail (50PI020-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50PI020-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50PI020-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH1 50PI-020.SH
002	alias AISL1 50PI-020.SL
003	alias AISH2 50PI-025.SH
004	alias AISL2 50PI-025.SL
005	alias AISH3 50PI-026.SH
006	alias AISL3 50PI-026.SL
007	alias AISH4 50PI-027.SH
008	alias AISL4 50PI-027.SL
009	alias AISH5 50PI-028.SH
010	alias AISL5 50PI-028.SL
011	
012	alias DILO1 50PIT020-L.PV
013	alias DILO2 50PIT025-L.PV
014	alias DILO3 50PIT026-L.PV
015	alias DILO4 50PIT027-L.PV
016	alias DILO5 50PIT028-L.PV
017	
018	
019	alias AILO1 50PI-020.PL
020	alias AILO2 50PI-025.PL
021	alias AILO3 50PI-026.PL
022	alias AILO4 50PI-027.PL
023	alias AILO5 50PI-028.PL
024	
025	alias AILL1 50PI-020.LL
026	alias AILL2 50PI-025.LL
027	alias AILL3 50PI-026.LL
028	alias AILL4 50PI-027.LL
029	alias AILL5 50PI-028.LL
030	
031	alias MEAS1 50PI-020.PV
032	alias MEAS2 50PI-025.PV
033	alias MEAS3 50PI-026.PV
034	alias MEAS4 50PI-027.PV
035	alias MEAS5 50PI-028.PV
036	
037	!ALARM LO=MAX
038	if ((DILO1==0)) then
039	AILO1=AISH1
040	!ALARM NORMAL
041	else
042	AILL1=AISL1
043	AILO1=AISL1
044	END IF
045	
046	!ALARM LO=MAX
047	if ((DILO2==0)) then
048	AILO2=AISH2
049	!ALARM NORMAL
050	else
051	AILL2=AISL2
052	AILO2=AISL2
053	END IF
054	
055	!ALARM LO=MAX
056	if ((DILO3==0)) then
057	AILO3=AISH3
058	!ALARM NORMAL
059	else
060	AILL3=AISL3
061	AILO3=AISL3
062	END IF
063	!ALARM LO=MAX
064	if ((DILO4==0)) then
065	AILO4=AISH4
066	!ALARM NORMAL
067	else
068	AILL4=AISL4
069	AILO4=AISL4
070	END IF
071	
072	!ALARM LO=MAX
073	if ((DILO5==0)) then
074	AILO5=AISH4
075	!ALARM NORMAL
076	else
077	AILL5=AISL5
078	AILO5=AISL5
079	END IF

Tag Detail (50PI030-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50PI030-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50PI030-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH1 50PI-030.SH
002	alias AISL1 50PI-030.SL
003	alias AISH2 50PI-032.SH
004	alias AISL2 50PI-032.SL
005	
006	
007	alias DIHI1 50PIT030-H.PV
008	alias DILO1 50PIT030-L.PV
009	alias DIHI2 50PIT032-H.PV
010	alias DILO2 50PIT032-L.PV
011	
012	alias AIHI1 50PI-030.PH
013	alias AILO1 50PI-030.PL
014	alias AIHI2 50PI-032.PH
015	alias AILO2 50PI-032.PL
016	
017	alias MEAS1 50PI-030.PV
018	alias MEAS2 50PI-032.PV
019	
020	!ALARM HI=0
021	if ((DIHI1==0)) then
022	AIHI1=AISL1
023	!ALARM HI=MAX
024	else if ((DIHI1==1)) then
025	AIHI1=AISH1
026	!ALARM NORMAL
027	END IF
028	
029	!ALARM LO=MAX
030	if ((DILO1==0)) then
031	AILO1=AISH1
032	!ALARM NORMAL
033	else if ((DILO1==1)) then
034	AILO1=AISL1
035	END IF
036	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
037	if ((DIHI2==0)) then
038	AIHI2=AISL2
039	!ALARM HI=MAX
040	else if ((DIHI2==1)) then
041	AIHI1=AISH1
042	!ALARM NORMAL
043	
044	END IF
045	
046	!ALARM LO=MAX
047	if ((DILO2==0)) then
048	AILO2=AISH2
049	!ALARM NORMAL
050	else if ((DILO2==1)) then
051	AILO2=AISL2
052	END IF
053	

Tag Detail (50PI041-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50PI041-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50PI041-CL01 ALARM SP BASED ON DI)

```
Line Number   General-Purpose Calculation Formula
   001        alias AISH1 50PI-041.SH
   002        alias AISL1 50PI-041.SL
   003        alias AISH2 50PI-047.SH
   004        alias AISL2 50PI-047.SL
   005
   006
   007        alias DIHI1 50PIT041-H.PV
   008        alias DILO1 50PIT041-L.PV
   009        alias DIHI2 50PIT047-H.PV
   010        alias DILO2 50PIT047-L.PV
   011
   012        alias AIHI1 50PI-041.PH
   013        alias AILO1 50PI-041.PL
   014        alias AIHI2 50PI-047.PH
   015        alias AILO2 50PI-047.PL
   016
   017        alias MEAS1 50PI-041.PV
   018        alias MEAS2 50PI-047.PV
   019
   020        !ALARM HI=0
   021        if ((DIHI1==0)) then
   022            AIHI1=AISL1
   023        !ALARM HI=MAX
   024        else if ((DIHI1==1)) then
   025            AIHI1=AISH1
   026        !ALARM NORMAL
   027        END IF
   028
   029        !ALARM LO=MAX
   030        if ((DILO1==0)) then
   031            AILO1=AISH1
   032        !ALARM NORMAL
   033        else if ((DILO1==1)) then
   034            AILO1=AISL1
   035        END IF
   036        !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
   037        if ((DIHI2==0)) then
   038            AIHI2=AISL2
   039        !ALARM HI=MAX
   040        else if ((DIHI2==1)) then
   041            AIHI1=AISH1
   042        !ALARM NORMAL
   043
   044        END IF
   045
   046        !ALARM LO=MAX
   047        if ((DILO2==0)) then
   048            AILO2=AISH2
   049        !ALARM NORMAL
   050        else if ((DILO2==1)) then
   051            AILO2=AISL2
   052        END IF
   053
```

Tag Detail (50TI022-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50TI022-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50TI022-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50TI-022.SH
002	alias AISL 50TI-022.SL
003	
004	alias DIHH 50TIT022-HH.PV
005	alias DIHI 50TIT022-H.PV
006	
007	
008	alias DILO 50TIT022-L.PV
009	
010	
011	alias AIHH 50TI-022.HH
012	alias AIHI 50TI-022.PH
013	alias AILL 50TI-022.LL
014	alias AILO 50TI-022.PL
015	
016	alias MEAS 50TI-022.PV
017	
018	!ALARM HH,HI=0
019	if ((DIHH==0)) then
020	AIHH=0
021	AIHI=0
022	!ALARM HH =MAX ,HI=0
023	else if ((DIHH==1 AND DIHI==0)) then
024	AIHH=AISH
025	AIHI=0
026	!ALARM NORMAL
027	else if ((DIHH==1 AND DIHI==1)) then
028	
029	AIHH=AISH
030	AIHI=AISH
031	END IF
032	
033	!ALARM LO=MAX
034	if ((DILO==0)) then
035	AILO=AISH
036	!ALARM NORMAL
037	else if ((DILO==1)) then
038	AILO=AISL
039	END IF
040	
041	

Tag Detail (50PDI-024 DP ACROSS S-50002A-2B)

Basic

Tag Name	50PDI-024
Model Name	PVI
Tag Comment	DP ACROSS S-50002A-2B
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PDI24-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50PDI24-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50PDI24-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50PDI-024.SH
002	alias AISL 50PDI-024.SL
003	
004	alias DIHI 50PDIT024-H.PV
005	
006	
007	
008	
009	alias AIHI 50PDI-024.PH
010	
011	
012	alias MEAS 50PDI-024.PV
013	
014	!ALARM HI=0
015	
016	!ALARM HI=0
017	if ((DIHI==0)) then
018	AIHI=0
019	!ALARM NORMAL
020	else if ((DIHI==1)) then
021	AIHI=AISH
022	END IF

Tag Detail (50PDI-029 DP ACROSS S-50003A-3B)

Basic

Tag Name	50PDI-029
Model Name	PVI
Tag Comment	DP ACROSS S-50003A-3B
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PDI-049 DP ACROSS S-50010)

Basic

Tag Name	50PDI-049
Model Name	PVI
Tag Comment	DP ACROSS S-50010
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (50PDI29-CL01 ALARM SP BASED ON DI)

Basic

Tag Name	50PDI29-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50PDI29-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50PDI-029.SH
002	alias AISL 50PDI-029.SL
003	
004	alias DIHI 50PDIT029-H.PV
005	
006	
007	
008	
009	alias AIHI 50PDI-029.PH
010	
011	
012	alias MEAS 50PDI-029.PV
013	
014	!ALARM HI=0
015	
016	!ALARM HI=0
017	if ((DIHI==0)) then
018	AIHI=0
019	!ALARM NORMAL
020	else if ((DIHI==1)) then
021	AIHI=AISH
022	END IF

Tag Detail (50PDI49-CL01 ALARM SP BASED ON DI)

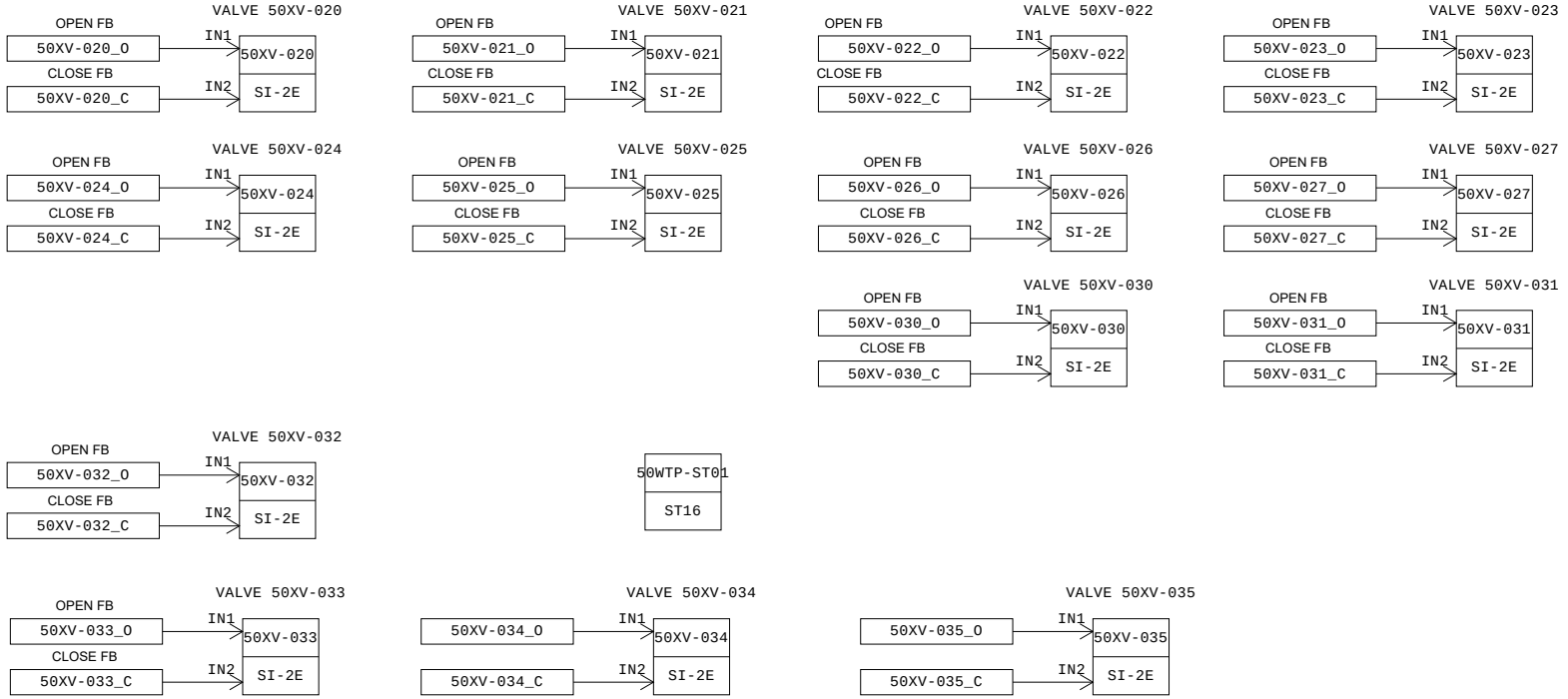
Basic

Tag Name	50PDI49-CL01
Model Name	CALCU
Tag Comment	ALARM SP BASED ON DI
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (50PDI49-CL01 ALARM SP BASED ON DI)

Line Number	General-Purpose Calculation Formula
001	alias AISH 50PDI-049.SH
002	alias AISL 50PDI-049.SL
003	
004	alias DIHI 50PDIT049-H.PV
005	
006	
007	
008	
009	alias AIHI 50PDI-049.PH
010	
011	
012	alias MEAS 50PDI-049.PV
013	
014	!ALARM HI=0
015	
016	!ALARM HI=0
017	if ((DIHI==0)) then
018	AIHI=0
019	!ALARM NORMAL
020	else if ((DIHI==1)) then
021	AIHI=AISH
022	END IF

PROJECT:	BLPH-CW1	FILE NAME:	DR0126.edf	SHEET:		YOKOGAWA	PAGE:3-25-50-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:07 AM	COMMENT:	WTP SUBSYSTEM		
SECTION:	DR0126	PRINTED DATE:	9/15/2025	DRAWER:			



Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP005_001	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
002	TYP005_002	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
003	TYP005_003	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
004	TYP005_004	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
005	TYP005_005	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
006	TYP005_006	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
007	TYP005_007	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
008	TYP005_008	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
009	TYP005_012	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
010	TYP005_013	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
011	TYP005_011	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
012	TYP005_009	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
013	TYP005_010	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate
014	TYP005_014	TYP005	2024/11/15 20:54	SI-2 for subsystem valve faceplate

PROJECT:	BLPH-CW1	FILE NAME:	DR0126.edf	SHEET:		YOKOGAWA	PAGE:3-25-50-3
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:07 AM	COMMENT:	WTP SUBSYSTEM		
SECTION:	DR0126	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:WTP SUBSYSTEM

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	50XV-020	SI-2E	VALVE 50XV-020	0	0				
						4			
002	50XV-021	SI-2E	VALVE 50XV-021	0	0				
						4			
003	50XV-022	SI-2E	VALVE 50XV-022	0	0				
						4			
004	50XV-023	SI-2E	VALVE 50XV-023	0	0				
						4			
005	50XV-024	SI-2E	VALVE 50XV-024	0	0				
						4			
006	50XV-025	SI-2E	VALVE 50XV-025	0	0				
						4			
007	50XV-026	SI-2E	VALVE 50XV-026	0	0				
						4			
008	50XV-027	SI-2E	VALVE 50XV-027	0	0				
						4			
009	50XV-030	SI-2E	VALVE 50XV-030	0	0				
						4			
010	50XV-031	SI-2E	VALVE 50XV-031	0	0				
						4			
011	50XV-032	SI-2E	VALVE 50XV-032	0	0				
						4			
012	50WTP-ST01	ST16	WTP ANN	0	0				
						4			
013	50XV-033	SI-2E	VALVE 50XV-033	0	0				
						4			
014	50XV-034	SI-2E	VALVE 50XV-034	0	0				
						4			
015	50XV-035	SI-2E	VALVE 50XV-035	0	0				
						4			

Tag Detail (50XV-020 VALVE 50XV-020)

Basic

Tag Name	50XV-020
Model Name	SI-2E
Tag Comment	VALVE 50XV-020
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-021 VALVE 50XV-021)

Basic

Tag Name	50XV-021
Model Name	SI-2E
Tag Comment	VALVE 50XV-021
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-022 VALVE 50XV-022)

Basic

Tag Name	50XV-022
Model Name	SI-2E
Tag Comment	VALVE 50XV-022
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-023 VALVE 50XV-023)

Basic

Tag Name	50XV-023
Model Name	SI-2E
Tag Comment	VALVE 50XV-023
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-024 VALVE 50XV-024)

Basic

Tag Name	50XV-024
Model Name	SI-2E
Tag Comment	VALVE 50XV-024
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-025 VALVE 50XV-025)

Basic

Tag Name	50XV-025
Model Name	SI-2E
Tag Comment	VALVE 50XV-025
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-026 VALVE 50XV-026)

Basic

Tag Name	50XV-026
Model Name	SI-2E
Tag Comment	VALVE 50XV-026
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-027 VALVE 50XV-027)

Basic

Tag Name	50XV-027
Model Name	SI-2E
Tag Comment	VALVE 50XV-027
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-030 VALVE 50XV-030)

Basic

Tag Name	50XV-030
Model Name	SI-2E
Tag Comment	VALVE 50XV-030
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-031 VALVE 50XV-031)

Basic

Tag Name	50XV-031
Model Name	SI-2E
Tag Comment	VALVE 50XV-031
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-032 VALVE 50XV-032)

Basic

Tag Name	50XV-032
Model Name	SI-2E
Tag Comment	VALVE 50XV-032
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50WTP-ST01 WTP ANN)

Basic

Tag Name	50WTP-ST01
Model Name	ST16
Tag Comment	WTP ANN
Lvl	4

Sequence Tables (50WTP-ST01 WTP ANN)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	50XV-020_FALM.PV	ON	SEAWTR IL VLV FAIL	N								
C02	50XV-021_FALM.PV	ON	P50003A SUCTVLV FAIL	.N								
C03	50XV-022_FALM.PV	ON	P50003B SUCTVLV FAIL	..N								
C04	50XV-023_FALM.PV	ON	P50003A FLSHVLV FAIL	...N								
C05	50XV-024_FALM.PV	ON	P50003B FLSHVLV FAIL		N							
C06	50XV-025_FALM.PV	ON	A50007A_B VLV FAIL		.N							
C07	50XV-026_FALM.PV	ON	FRSH WTR DRNA50007AB FAL		..N							
C08	50XV-027_FALM.PV	ON	BRN VLV A50007A FAIL		...N							
C09												
C10												
C11	50XV-030_FALM.PV	ON	BRN VLV A50007B FAIL			N						
C12	50XV-031_FALM.PV	ON	FRSH WTR OL VLV FAIL			.N						
C13	50XV-032_FALM.PV	ON	FRSH WTR VLVOFFSPEC FAIL				N					
C14	50XV-033_FALM.PV	ON	SEA WTR DRN H-50001 FAIL				.N					
C15	50XV-034_FALM.PV	ON	SEA WTR DRN T-50006 FAIL				..N					
C16	50XV-035_FALM.PV	ON	SEA WTR DRN T-50008 FAIL				...N					
C17												
C18	50AT020A-H.PV	ON	H2 DETECT CONTAINER HI					Y				
C19	50AT020A-HH.PV	ON	H2 DETECT CONTAINER HIHI					.Y				
C20	50AT020B-H.PV	ON	H2 DETECT CONTAINER HI					..Y				
C21	50AT020B-HH.PV	ON	H2 DETECT CONTAINER HIHI					...Y				
C22	50AT020C-H.PV	ON	H2 DETECT CONTAINER HI						Y			
C23	50AT020C-HH.PV	ON	H2 DETECT CONTAINER HIHI						.Y			
C24												
C25												
C26												
C27												
C28												
C29												
C30												
C31												
C32												
A01	50XV020_FAN.PV	L	SEAWTR IL VLV FAIL	Y								
A02	50XV021_FAN.PV	L	P50003A SUCTVLV FAIL	.Y								
A03	50XV022_FAN.PV	L	P50003B SUCTVLV FAIL	..Y								
A04	50XV023_FAN.PV	L	P50003A FLSHVLV FAIL	...Y								
A05	50XV024_FAN.PV	L	P50003B FLSHVLV FAIL		Y							
A06	50XV025_FAN.PV	L	A50007A_B VLV FAIL		.Y							
A07	50XV026_FAN.PV	L	FRSH WTR DRNA50007AB FL		..Y							
A08	50XV027_FAN.PV	L	BRN VLV A50007A FAIL		...Y							
A09												
A10												
A11	50XV030_FAN.PV	L	BRN VLV A50007B FAIL			Y						
A12	50XV031_FAN.PV	L	FRSH WTR OL VLV FAIL			.Y						
A13	50XV032_FAN.PV	L	FRSH WTR VLVOFFSPEC FAIL				Y					
A14	50XV033_FAN.PV	L	SEA WTR DRN H-50001				.Y					
A15	50XV034_FAN.PV	L	SEA WTR DRN T-50006				..Y					
A16	50XV035_FAN.PV	L	SEA WTR DRN T-50008				...Y					
A17												
A18	950GDZ-020AH.PV	L	H2 DETECT CONTAINER HI					Y				
A19	950GDZ-020AHH.PV	L	H2 DETECT CONTAINER HIHI					.Y				
A20	950GDZ-020BH.PV	L	H2 DETECT CONTAINER HI					..Y				
A21	950GDZ-020BHH.PV	L	H2 DETECT CONTAINER HIHI					...Y				
A22	950GDZ-020CH.PV	L	H2 DETECT CONTAINER HI						Y			
A23	950GDZ-020CHH.PV	L	H2 DETECT CONTAINER HIHI						.Y			
A24												
A25												
A26												
A27												
A28												
A29												
A30												
A31												
A32												
	PREV		THEN									
	NEXT		ELSE									

Tag Detail (50XV-033 VALVE 50XV-033)

Basic

Tag Name	50XV-033
Model Name	SI-2E
Tag Comment	VALVE 50XV-033
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-034 VALVE 50XV-034)

Basic

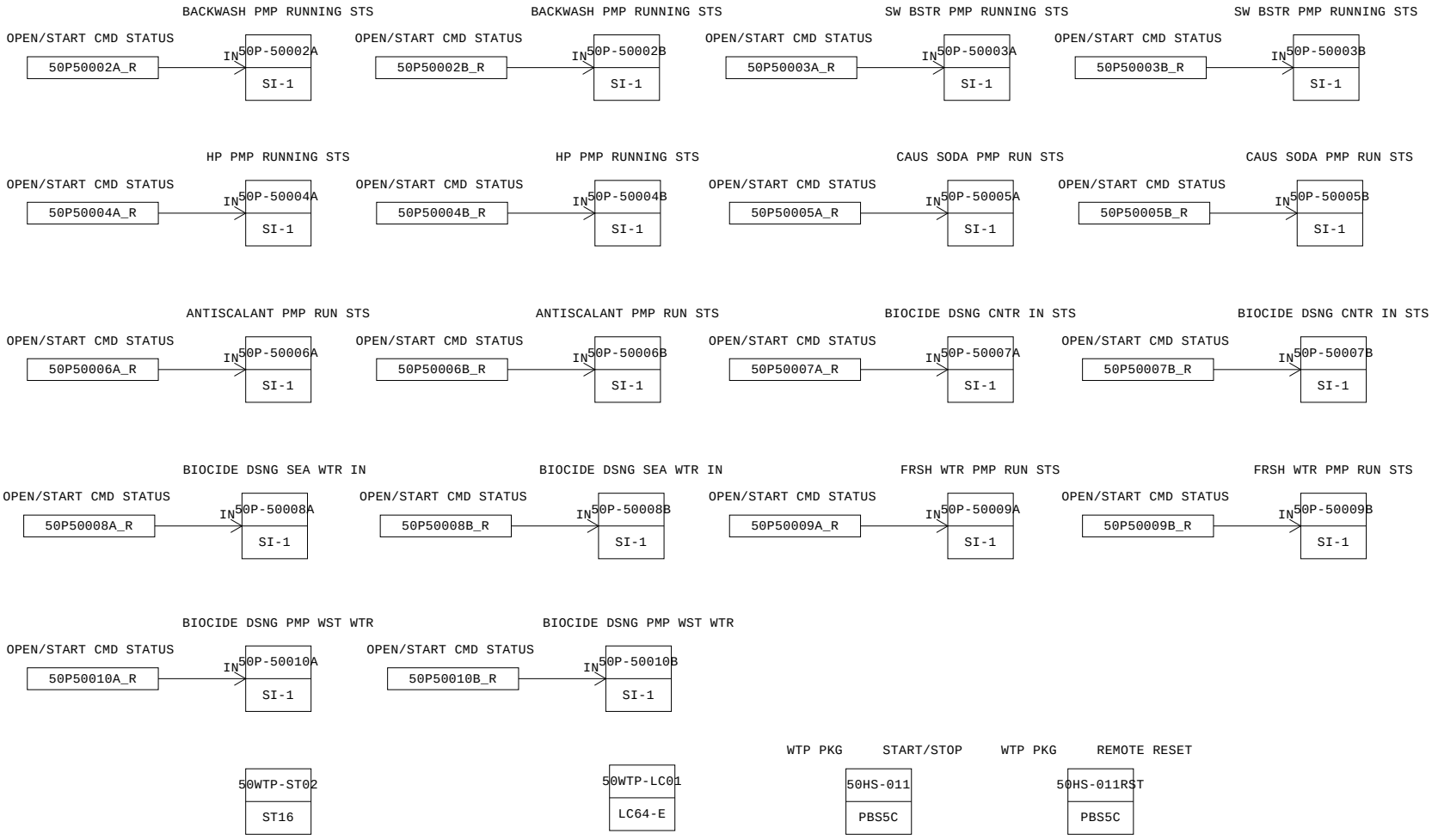
Tag Name	50XV-034
Model Name	SI-2E
Tag Comment	VALVE 50XV-034
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

Tag Detail (50XV-035 VALVE 50XV-035)

Basic

Tag Name	50XV-035
Model Name	SI-2E
Tag Comment	VALVE 50XV-035
Lvl	4
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Direct

PROJECT:	BLPH-CW1	FILE NAME:	DR0127.edf	SHEET:		YOKOGAWA	PAGE:3-25-51-1
STATION:	FCS0101	SAVED DATE:	5/20/2025 6:08:56 AM	COMMENT:	WTP SUBSYSTEM		
SECTION:	DR0127	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0127.edf	SHEET:		YOKOGAWA	PAGE:3-25-51-2
STATION:	FCS0101	SAVED DATE:	5/20/2025 6:08:56 AM	COMMENT:	WTP SUBSYSTEM		
SECTION:	DR0127	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP008_001	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
002	TYP008_002	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
003	TYP008_003	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
004	TYP008_008	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
005	TYP008_004	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
006	TYP008_005	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
007	TYP008_006	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
008	TYP008_007	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
009	TYP008_013	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
010	TYP008_014	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
011	TYP008_015	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
012	TYP008_016	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
013	TYP008_009	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
014	TYP008_010	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
015	TYP008_011	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
016	TYP008_012	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
017	TYP008_017	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
018	TYP008_018	TYP008	2024/11/15 22:31	CMD STATUS TO PCS

PROJECT:	BLPH-CW1	FILE NAME:	DR0127.edf	SHEET:		YOKOGAWA	PAGE:3-25-51-3
STATION:	FCS0101	SAVED DATE:	5/20/2025 6:08:56 AM	COMMENT:	WTP SUBSYSTEM		
SECTION:	DR0127	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:WTP SUBSYSTEM

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	50P-50002A	SI-1	BACKWASH PMP RUNNING STS	0	0				50P50002A_R
						4			
002	50P-50002B	SI-1	BACKWASH PMP RUNNING STS	0	0				50P50002B_R
						4			
003	50P-50003A	SI-1	SW BSTR PMP RUNNING STS	0	0				50P50003A_R
						4			
004	50P-50003B	SI-1	SW BSTR PMP RUNNING STS	0	0				50P50003B_R
						4			
005	50P-50004A	SI-1	HP PMP RUNNING STS	0	0				50P50004A_R
						4			
006	50P-50004B	SI-1	HP PMP RUNNING STS	0	0				50P50004B_R
						4			
007	50P-50005A	SI-1	CAUS SODA PMP RUN STS	0	0				50P50005A_R
						4			
008	50P-50005B	SI-1	CAUS SODA PMP RUN STS	0	0				50P50005B_R
						4			
009	50P-50006A	SI-1	ANTISCALANT PMP RUN STS	0	0				50P50006A_R
						4			
010	50P-50006B	SI-1	ANTISCALANT PMP RUN STS	0	0				50P50006B_R
						4			
011	50P-50007A	SI-1	BIOCIDE DSNG CNTR IN STS	0	0				50P50007A_R
						4			
012	50P-50007B	SI-1	BIOCIDE DSNG CNTR IN STS	0	0				50P50007B_R
						4			
013	50P-50008A	SI-1	BIOCIDE DSNG SEA WTR IN	0	0				50P50008A_R
						4			
014	50P-50008B	SI-1	BIOCIDE DSNG SEA WTR IN	0	0				50P50008B_R
						4			
015	50P-50009A	SI-1	FRSH WTR PMP RUN STS	0	0				50P50009A_R
						4			
016	50P-50009B	SI-1	FRSH WTR PMP RUN STS	0	0				50P50009B_R
						4			
017	50P-50010A	SI-1	BIOCIDE DSNG PMP WST WTR	0	0				50P50010A_R
						4			
018	50P-50010B	SI-1	BIOCIDE DSNG PMP WST WTR	0	0				50P50010B_R
						4			
019	50WTP-ST02	ST16	WTP ANN	0	0				
						4			
020	50WTP-LC01	LC64-E	WTP DO LOGIC	0	0				
						4			
021	50HS-011	PBS5C	WTP PKG START/STOP	0	0				
						3			
022	50HS-011RST	PBS5C	WTP PKG REMOTE RESET	0	0				
						3			

Tag Detail (50P-50002A BACKWASH PMP RUNNING STS)

Basic

Tag Name	50P-50002A
Model Name	SI-1
Tag Comment	BACKWASH PMP RUNNING STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50002B BACKWASH PMP RUNNING STS)

Basic

Tag Name	50P-50002B
Model Name	SI-1
Tag Comment	BACKWASH PMP RUNNING STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50003A SW BSTR PMP RUNNING STS)

Basic

Tag Name	50P-50003A
Model Name	SI-1
Tag Comment	SW BSTR PMP RUNNING STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50003B SW BSTR PMP RUNNING STS)

Basic

Tag Name	50P-50003B
Model Name	SI-1
Tag Comment	SW BSTR PMP RUNNING STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50004A HP PMP RUNNING STS)

Basic

Tag Name	50P-50004A
Model Name	SI-1
Tag Comment	HP PMP RUNNING STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50004B HP PMP RUNNING STS)

Basic

Tag Name	50P-50004B
Model Name	SI-1
Tag Comment	HP PMP RUNNING STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50005A CAUS SODA PMP RUN STS)

Basic

Tag Name	50P-50005A
Model Name	SI-1
Tag Comment	CAUS SODA PMP RUN STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50005B CAUS SODA PMP RUN STS)

Basic

Tag Name	50P-50005B
Model Name	SI-1
Tag Comment	CAUS SODA PMP RUN STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50006A ANTISCALANT PMP RUN STS)

Basic

Tag Name	50P-50006A
Model Name	SI-1
Tag Comment	ANTISCALANT PMP RUN STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50006B ANTISCALANT PMP RUN STS)

Basic

Tag Name	50P-50006B
Model Name	SI-1
Tag Comment	ANTISCALANT PMP RUN STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50007A BIOCIDE DSNG CNTR IN STS)

Basic

Tag Name	50P-50007A
Model Name	SI-1
Tag Comment	BIOCIDE DSNG CNTR IN STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50007B BIOCIDE DSNG CNTR IN STS)

Basic

Tag Name	50P-50007B
Model Name	SI-1
Tag Comment	BIOCIDE DSNG CNTR IN STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50008A BIOCIDE DSNG SEA WTR IN)

Basic

Tag Name	50P-50008A
Model Name	SI-1
Tag Comment	BIOCIDE DSNG SEA WTR IN
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50008B BIOCIDE DSNG SEA WTR IN)

Basic

Tag Name	50P-50008B
Model Name	SI-1
Tag Comment	BIOCIDE DSNG SEA WTR IN
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50009A FRSH WTR PMP RUN STS)

Basic

Tag Name	50P-50009A
Model Name	SI-1
Tag Comment	FRSH WTR PMP RUN STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50009B FRSH WTR PMP RUN STS)

Basic

Tag Name	50P-50009B
Model Name	SI-1
Tag Comment	FRSH WTR PMP RUN STS
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50010A BIOCIDE DSNG PMP WST WTR)

Basic

Tag Name	50P-50010A
Model Name	SI-1
Tag Comment	BIOCIDE DSNG PMP WST WTR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50P-50010B BIOCIDE DSNG PMP WST WTR)

Basic

Tag Name	50P-50010B
Model Name	SI-1
Tag Comment	BIOCIDE DSNG PMP WST WTR
Lvl	4
Scan Period	Basic Scan
Switch Position Label	RUNNING,,STOPPED,RUNNING
Label	Direct

Tag Detail (50WTP-ST02 WTP ANN)

Basic

Tag Name	50WTP-ST02
Model Name	ST16
Tag Comment	WTP ANN
Lvl	4

Sequence Tables (50WTP-ST02 WTP ANN)

Start Timing Periodic Execution Type(T)
Output Timing Output Only When Conditions Change(C)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	50P50002A_FALM.PV	OFF	BCK WSH PMP FAILURE	Y								
C02	50P50002B_FALM.PV	OFF	BCK WSH PMP FAILURE	.Y								
C03	50P50003A_FALM.PV	OFF	SW BSTR PMP FAILURE	..Y								
C04	50P50003B_FALM.PV	OFF	SW BSTR PMP FAILURE	...Y								
C05	50P50004A_FALM.PV	OFF	HP PMP FAILURE		Y							
C06	50P50004B_FALM.PV	OFF	HP PMP FAILURE		.Y							
C07	50P50005A_FALM.PV	OFF	CAUSTIC SODADSING PMP FL		..Y							
C08	50P50005B_FALM.PV	OFF	CAUSTIC SODADSING PMP FL		...Y							
C09	50P50006A_FALM.PV	OFF	ANTISCALANT DSING PMP FL			Y						
C10	50P50006B_FALM.PV	OFF	ANTISCALANT DSING PMP FL			.Y						
C11	50P50007A_FALM.PV	OFF	BIOCID DSNG CNTR IL FAIL			..Y						
C12	50P50007B_FALM.PV	OFF	BIOCID DSNG CNTR IL FAIL			...Y						
C13	50P50008A_FALM.PV	OFF	BIOCIDE DSNG SWTR IN F				Y					
C14	50P50008B_FALM.PV	OFF	BIOCIDE DSNG SWTR IN F				.Y					
C15	50P50009A_FALM.PV	OFF	FRSH WTR PMP FAILURE				..Y					
C16	50P50009B_FALM.PV	OFF	FRSH WTR PMP FAILURE				...Y					
C17	50P50010A_FALM.PV	OFF	BIOCIDE DSNGPMP WST TK F					Y				
C18	50P50010B_FALM.PV	OFF	BIOCIDE DSNGPMP WST TK F					.Y				
C19	50AT-021A.PV	OFF	950SDZ-05201					..Y				
C20	50AT-021B.PV	OFF	950SDZ-05202					...Y				
C21	50AT-021C.PV	OFF	950SDZ-05203						Y			
C22	50HS-021.PV	OFF	MANUAL ALARM CALL POINT						.Y			
C23	50XS-099.PV	OFF	SIA SYSTEM COMM FLT						..Y			
C24												
C25												
C26												
C27												
C28												
C29												
C30												
C31												
C32												
A01	50P50002A_FAN.PV	L	BCK WSH PMP FAILURE	Y								
A02	50P50002B_FAN.PV	L	BCK WSH PMP FAILURE	.Y								
A03	50P50003A_FAN.PV	L	SW BSTR PMP FAILURE	..Y								
A04	50P50003B_FAN.PV	L	SW BSTR PMP FAILURE	...Y								
A05	50P50004A_FAN.PV	L	HP PMP FAILURE		Y							
A06	50P50004B_FAN.PV	L	HP PMP FAILURE		.Y							
A07	50P50005A_FAN.PV	L	CAUSTIC SODADSING PMP FL		..Y							
A08	50P50005B_FAN.PV	L	CAUSTIC SODADSING PMP FL		...Y							
A09	50P50006A_FAN.PV	L	ANTISCALANT DSING PMP FL			Y						
A10	50P50006B_FAN.PV	L	ANTISCALANT DSING PMP FL			.Y						
A11	50P50007A_FAN.PV	L	BIOCID DSNG CNTR IL FAIL			..Y						
A12	50P50007B_FAN.PV	L	BIOCID DSNG CNTR IL FAIL			...Y						
A13	50P50008A_FAN.PV	L	BIOCIDE DSNG SWTR IN FL				Y					
A14	50P50008B_FAN.PV	L	BIOCIDE DSNG SWTR IN FL				.Y					
A15	50P50009A_FAN.PV	L	FRSH WTR PMP FAILURE				..Y					
A16	50P50009B_FAN.PV	L	FRSH WTR PMP FAILURE				...Y					
A17	50P50010A_FAN.PV	L	BIOCIDE DSNGPMP WST TK F					Y				
A18	50P50010B_FAN.PV	L	BIOCIDE DSNGPMP WST TK F					.Y				
A19	950SDZ-05201.PV	L	WTP CONTAINR FIRE DETECT					..Y				
A20	950SDZ-05202.PV	L	WTP CONTAINR FIRE DETECT					...Y				
A21	950SDZ-05203.PV	L	WTP CONTAINR FIRE DETECT						Y			
A22	50HS-021.PV	L	MANUAL ALARM CALL POINT						.Y			
A23	50XS-099AN.PV	L	SIA SYS COMM FAULT						..Y			
A24												
A25												
A26												
A27												
A28												
A29												
A30												
A31												
A32												
PREV			THEN									
NEXT			ELSE									

Tag Detail (50WTP-LC01 WTP DO LOGIC)

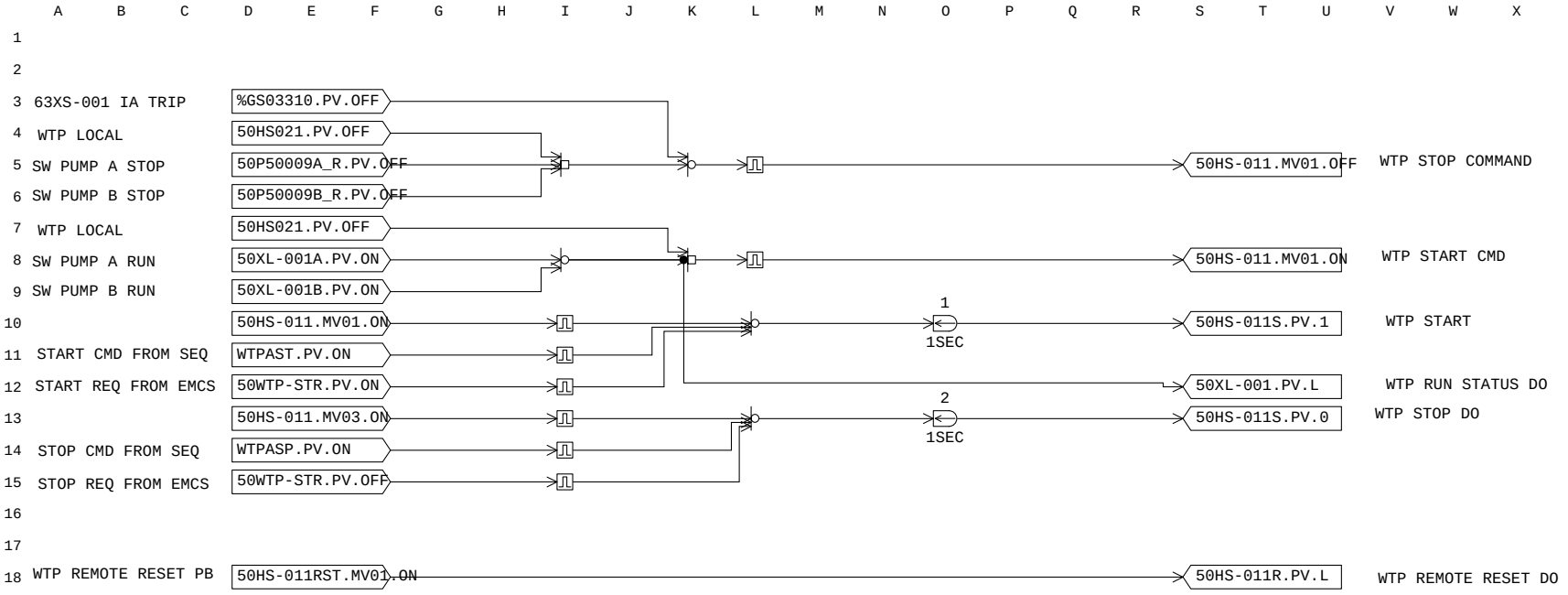
Basic

Tag Name	50WTP-LC01
Model Name	LC64-E
Tag Comment	WTP DO LOGIC
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	50WTP-LC01.edf	SHEET:		YOKOGAWA	PAGE:3-25-51-9
STATION:	FCS0101	SAVED DATE:	5/1/2025 5:08:01 AM	COMMENT:	WTP DO LOGIC		
SECTION:	DR0127	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (50WTP-LC01 WTP DO LOGIC)

Start Timing — Periodic Execution Type(T)
Scan Period — Basic Scan
Control Period — 1
Control Phase — 0
Execution Order — Matrix Order
Direct Direction Wiring
Reverse Direction Wiring



Tag Detail (50HS-011 WTP PKG START/STOP)

Basic

Tag Name	50HS-011
Model Name	PBS5C
Tag Comment	WTP PKG START/STOP
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	50HS-011.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	50HS-011.MV03
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	50HS-011.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	50HS-011.MV03
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	START	START	Gray	Green
002	Not used	OFF	ON	White	Red
003	Button with Lamp	STOP	STOP	Gray	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

Tag Detail (50HS-011RST WTP PKG REMOTE RESET)

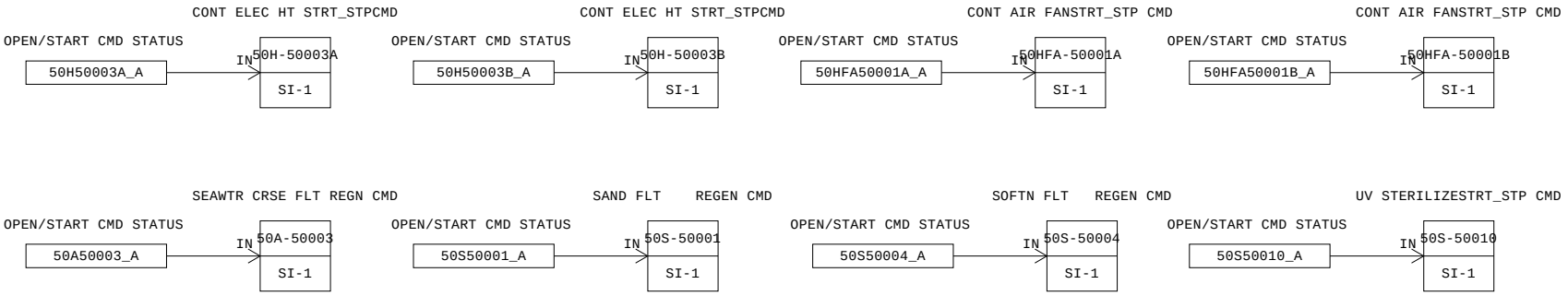
Basic

Tag Name	50HS-011RST
Model Name	PBS5C
Tag Comment	WTP PKG REMOTE RESET
Lvl	3
Scan Period	Basic Scan
Connection Information	
Block Mode Connection Target	
Block Status Connection Target	
Alarm Status Connection Target	
Connection Destination of Switch Status 1	50HS-011RST.MV01
Connection Destination of Switch Status 2	
Connection Destination of Switch Status 3	
Connection Destination of Switch Status 4	
Connection Destination of Switch Status 5	
Operation Command 1 Connection Destination	50HS-011RST.MV01
Operation Command 2 Connection Destination	
Operation Command 3 Connection Destination	
Operation Command 4 Connection Destination	
Operation Command 5 Connection Destination	
Interlock Switch Input	

Switch Attributes

No.	Switch Type	Label for OFF	Label for ON	Display Color for OFF	Display Color for ON
001	Button with Lamp	RESET	RESET	Gray	Red
002	Not used	OFF	ON	White	Red
003	Not used	OFF	ON	White	Red
004	Not used	OFF	ON	White	Red
005	Not used	OFF	ON	White	Red

PROJECT:	BLPH-CW1	FILE NAME:	DR0128.edf	SHEET:		YOKOGAWA	PAGE:3-25-52-1
STATION:	FCS0101	SAVED DATE:	4/16/2025 2:42:37 AM	COMMENT:	WTP SUBSYSTEM		
SECTION:	DR0128	PRINTED DATE:	9/15/2025	DRAWER:			



Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP008_001	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
002	TYP008_002	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
003	TYP008_003	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
004	TYP008_004	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
005	TYP008_005	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
006	TYP008_006	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
007	TYP008_007	TYP008	2024/11/15 22:31	CMD STATUS TO PCS
008	TYP008_008	TYP008	2024/11/15 22:31	CMD STATUS TO PCS

PROJECT:	BLPH-CW1	FILE NAME:	DR0128.edf	SHEET:		YOKOGAWA	PAGE:3-25-52-3
STATION:	FCS0101	SAVED DATE:	4/16/2025 2:42:37 AM	COMMENT:	WTP SUBSYSTEM		
SECTION:	DR0128	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:WTP SUBSYSTEM

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	50H-50003A	SI-1	CONT ELEC HT STRT_STPCMD	0	0				50H50003A_A
						4			
002	50H-50003B	SI-1	CONT ELEC HT STRT_STPCMD	0	0				50H50003B_A
						4			
003	50HFA-50001A	SI-1	CONT AIR FANSTRT_STP CMD	0	0				50HFA50001A_A
						4			
004	50HFA-50001B	SI-1	CONT AIR FANSTRT_STP CMD	0	0				50HFA50001B_A
						4			
005	50A-50003	SI-1	SEAWTR CRSE FLT REGN CMD	0	0				50A50003_A
						4			
006	50S-50001	SI-1	SAND FLT REGEN CMD	0	0				50S50001_A
						4			
007	50S-50004	SI-1	SOFTN FLT REGEN CMD	0	0				50S50004_A
						4			
008	50S-50010	SI-1	UV STERILIZESTRT_STP CMD	0	0				50S50010_A
						4			

Tag Detail (50H-50003A CONT ELEC HT STRT_STPCMD)

Basic

Tag Name	50H-50003A
Model Name	SI-1
Tag Comment	CONT ELEC HT STRT_STPCMD
Lvl	4
Scan Period	Basic Scan
Switch Position Label	ACTVD,,N_ACTVD,ACTVD
Label	Direct

Tag Detail (50H-50003B CONT ELEC HT STRT_STPCMD)

Basic

Tag Name	50H-50003B
Model Name	SI-1
Tag Comment	CONT ELEC HT STRT_STPCMD
Lvl	4
Scan Period	Basic Scan
Switch Position Label	ACTVD,,N_ACTVD,ACTVD
Label	Direct

Tag Detail (50HFA-50001A CONT AIR FANSTRT_STP CMD)

Basic

Tag Name	50HFA-50001A
Model Name	SI-1
Tag Comment	CONT AIR FANSTRT_STP CMD
Lvl	4
Scan Period	Basic Scan
Switch Position Label	ACTVD,,N_ACTVD,ACTVD
Label	Direct

Tag Detail (50HFA-50001B CONT AIR FANSTRT_STP CMD)

Basic

Tag Name	50HFA-50001B
Model Name	SI-1
Tag Comment	CONT AIR FANSTRT_STP CMD
Lvl	4
Scan Period	Basic Scan
Switch Position Label	ACTVD,,N_ACTVD,ACTVD
Label	Direct

Tag Detail (50A-50003 SEAWTR CRSE FLT REGN CMD)

Basic

Tag Name	50A-50003
Model Name	SI-1
Tag Comment	SEAWTR CRSE FLT REGN CMD
Lvl	4
Scan Period	Basic Scan
Switch Position Label	ACTVD,,N_ACTVD,ACTVD
Label	Direct

Tag Detail (50S-50001 SAND FLT REGEN CMD)

Basic

Tag Name	50S-50001
Model Name	SI-1
Tag Comment	SAND FLT REGEN CMD
Lvl	4
Scan Period	Basic Scan
Switch Position Label	ACTVD,,N_ACTVD,ACTVD
Label	Direct

Tag Detail (50S-50004 SOFTN FLT REGEN CMD)

Basic

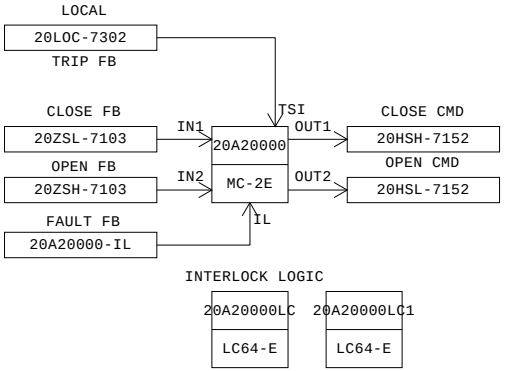
Tag Name	50S-50004
Model Name	SI-1
Tag Comment	SOFTN FLT REGEN CMD
Lvl	4
Scan Period	Basic Scan
Switch Position Label	ACTVD,,N_ACTVD,ACTVD
Label	Direct

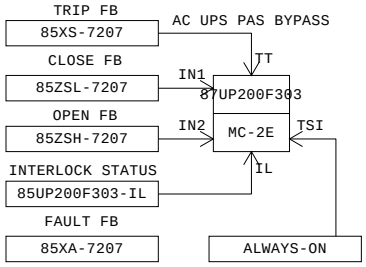
Tag Detail (50S-50010 UV STERILIZESTRT_STP CMD)

Basic

Tag Name	50S-50010
Model Name	SI-1
Tag Comment	UV STERILIZESTRT_STP CMD
Lvl	4
Scan Period	Basic Scan
Switch Position Label	ACTVD,,N_ACTVD,ACTVD
Label	Direct

PROJECT:	BLPH-CW1	FILE NAME:	DR0130.edf	SHEET:		YOKOGAWA	PAGE:3-25-53-1
STATION:	FCS0101	SAVED DATE:	5/23/2025 8:48:05 AM	COMMENT:	LVSWGR CB		
SECTION:	DR0130	PRINTED DATE:	9/15/2025	DRAWER:			





PROJECT:	BLPH-CW1	FILE NAME:	DR0130.edf	SHEET:		YOKOGAWA	PAGE:3-25-53-2
STATION:	FCS0101	SAVED DATE:	5/23/2025 8:48:05 AM	COMMENT:	LVSWGR CB		
SECTION:	DR0130	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LVSWGR CB

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	20A20000	MC-2E	QF1 ELECTROL.AUX LOAD	0.0	100.0	%	3-position Status Input		
						3			
002	20A20000LC	LC64-E	INTERLOCK	0	0				
						4			
003	87UP200F303	MC-2E	AC UPS PAS BYPASS	0.0	100.0	%	3-position Status Input		
						3			
004	20A20000LC1	LC64-E	COMMANDS	0	0				
						4			

Tag Detail (20A20000 QF1 ELECTROL.AUX LOAD)

Basic

Tag Name	20A20000
Model Name	MC-2E
Tag Comment	QF1 ELECTROL.AUX LOAD
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (20A20000LC INTERLOCK)

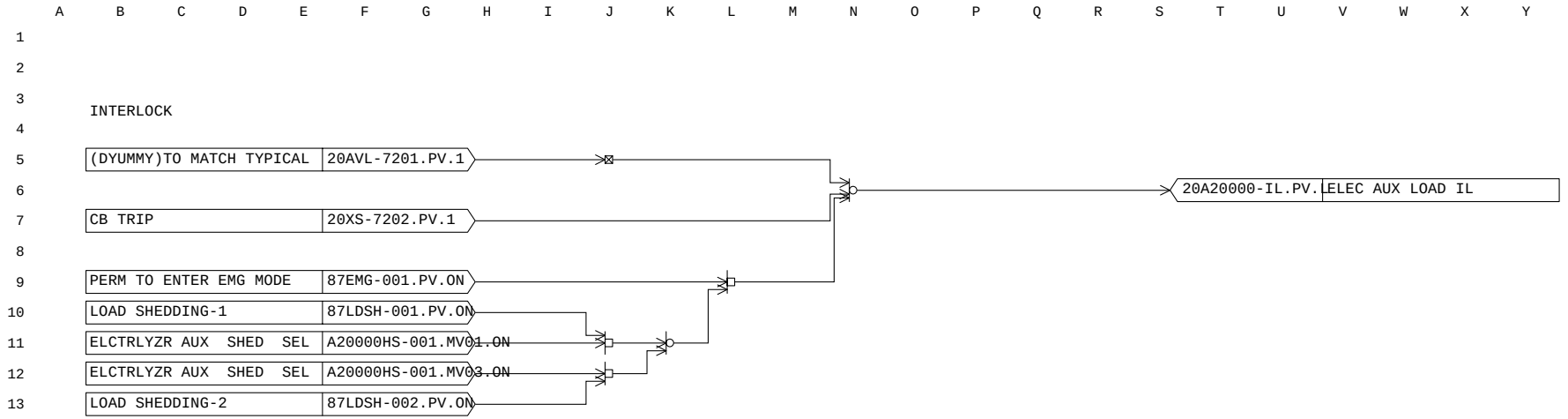
Basic

Tag Name	20A20000LC
Model Name	LC64-E
Tag Comment	INTERLOCK
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	20A20000LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-53-4
STATION:	FCS0101	SAVED DATE:	5/23/2025 8:48:05 AM	COMMENT:	INTERLOCK		
SECTION:	DR0130	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (20A20000LC INTERLOCK)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (87UP200F303 AC UPS PAS BYPASS)

Basic

Tag Name	87UP200F303
Model Name	MC-2E
Tag Comment	AC UPS PAS BYPASS
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (20A20000LC1 COMMANDS)

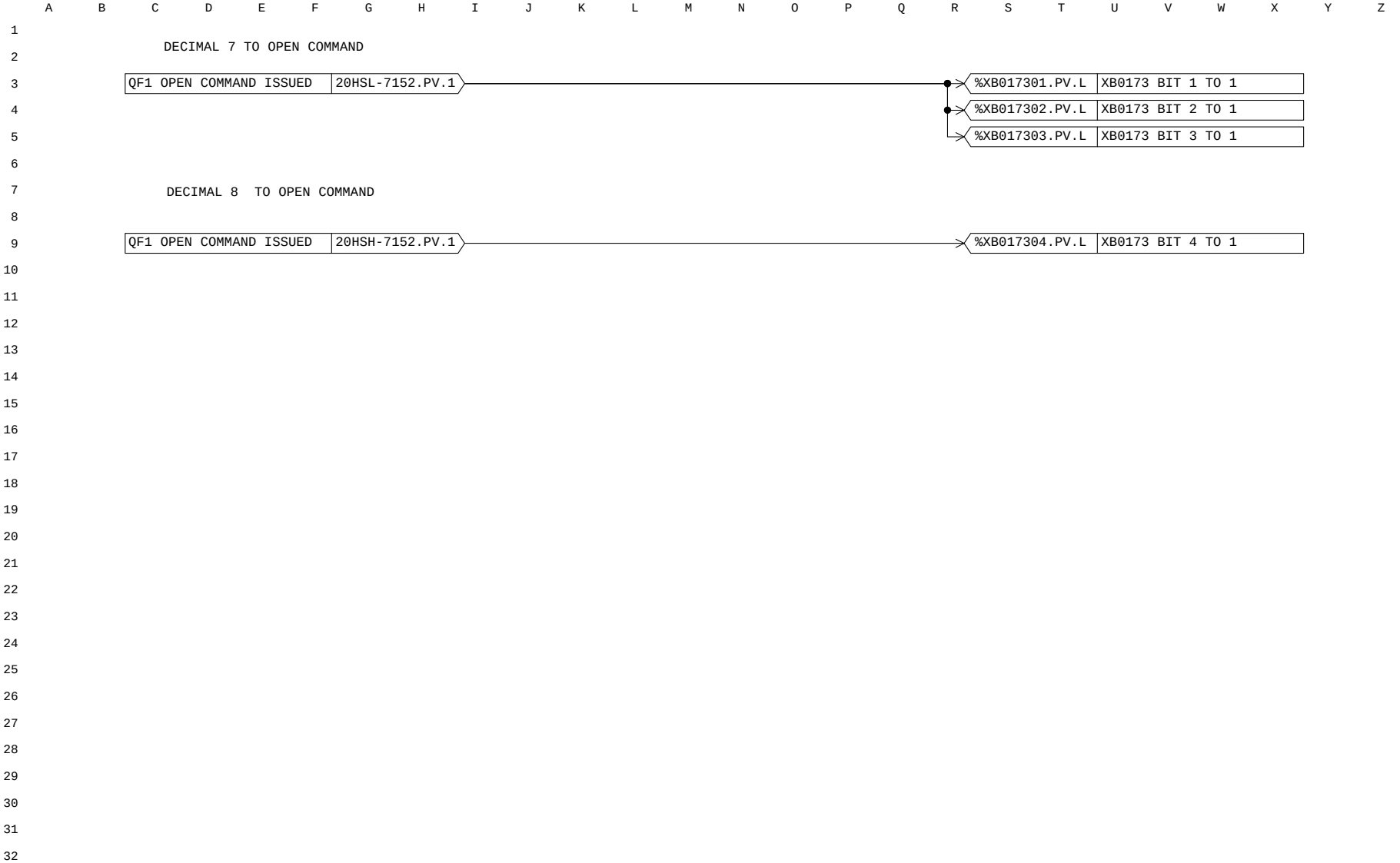
Basic

Tag Name	20A20000LC1
Model Name	LC64-E
Tag Comment	COMMANDS
Lvl	4

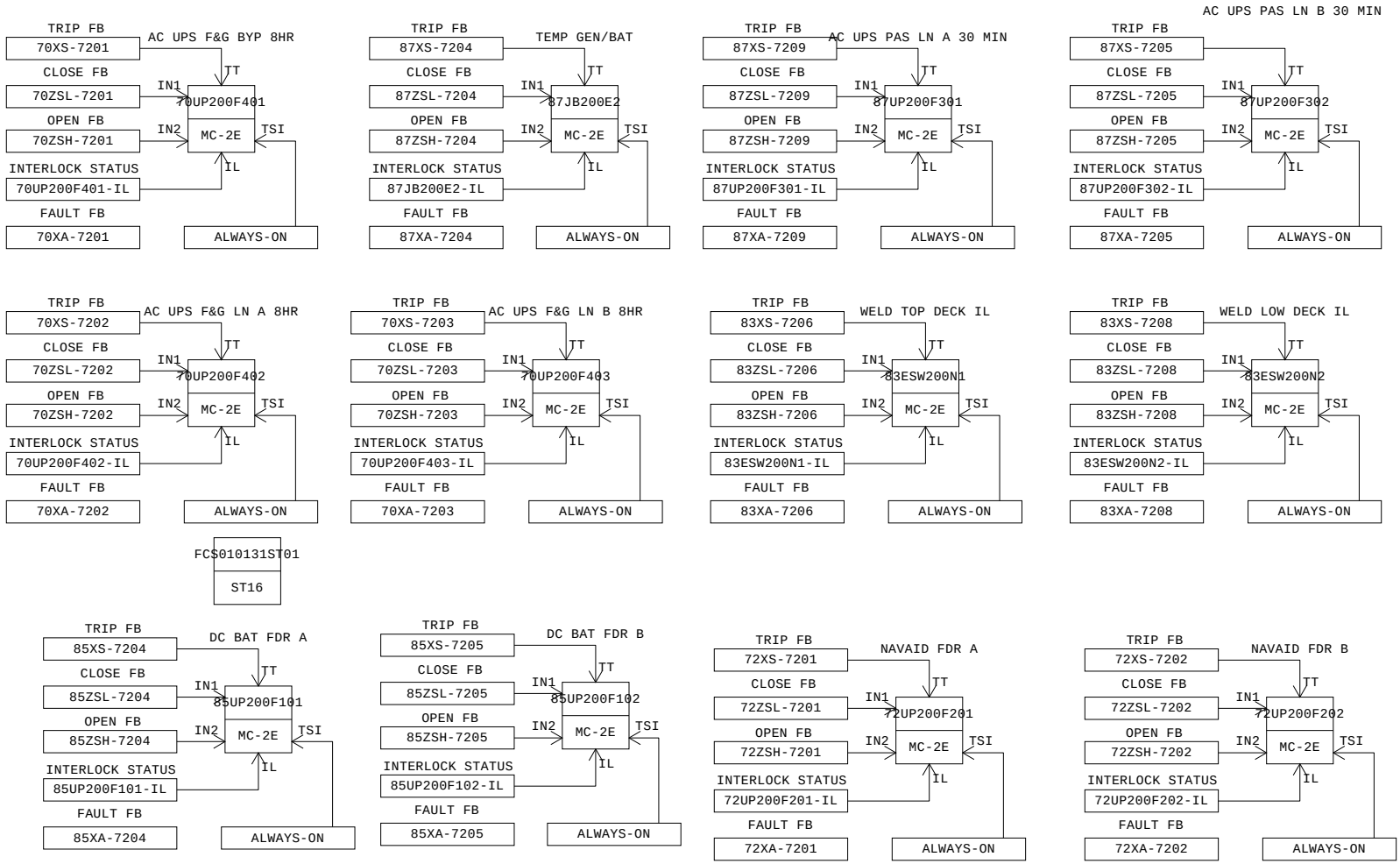
PROJECT:	BLPH-CW1	FILE NAME:	20A20000LC1.edf	SHEET:		YOKOGAWA	PAGE:3-25-53-6
STATION:	FCS0101	SAVED DATE:	5/23/2025 8:48:05 AM	COMMENT:	COMMANDS		
SECTION:	DR0130	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (20A20000LC1 COMMANDS)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



PROJECT:	BLPH-CW1	FILE NAME:	DR0131.edf	SHEET:		YOKOGAWA	PAGE:3-25-54-1
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:30:03 AM	COMMENT:	LV SWGR CB		
SECTION:	DR0131	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0131.edf	SHEET:		YOKOGAWA	PAGE:3-25-54-2
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:30:03 AM	COMMENT:	LV SWGR CB		
SECTION:	DR0131	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SWGR CB

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	FCS010131ST01	ST16	LV SWGR IL	0	0	4			
002	70UP200F401	MC-2E	AC UPS F&G BYP 8HR	0.0	100.0	%	3-position Status Input		
						3			
003	87JB200E2	MC-2E	TEMP GEN/BAT	0.0	100.0	%	3-position Status Input		
						3			
004	87UP200F301	MC-2E	AC UPS PAS LN A 30 MIN	0.0	100.0	%	3-position Status Input		
						3			
005	87UP200F302	MC-2E	AC UPS PAS LN B 30 MIN	0.0	100.0	%	3-position Status Input		
						3			
006	70UP200F402	MC-2E	AC UPS F&G LN A 8HR	0.0	100.0	%	3-position Status Input		
						3			
007	70UP200F403	MC-2E	AC UPS F&G LN B 8HR	0.0	100.0	%	3-position Status Input		
						3			
008	83ESW200N1	MC-2E	WELD TOP DECK IL	0.0	100.0	%	3-position Status Input		
						3			
009	83ESW200N2	MC-2E	WELD LOW DECK IL	0.0	100.0	%	3-position Status Input		
						3			
010	85UP200F102	MC-2E	DC BAT FDR B	0.0	100.0	%	3-position Status Input		
						3			
011	72UP200F201	MC-2E	NAVAID FDR A	0.0	100.0	%	3-position Status Input		
						3			
012	85UP200F101	MC-2E	DC BAT FDR A	0.0	100.0	%	3-position Status Input		
						3			
013	72UP200F202	MC-2E	NAVAID FDR B	0.0	100.0	%	3-position Status Input		
						3			

Tag Detail (FCS010131ST01 LV SWGR IL)

Basic

Tag Name	FCS010131ST01
Model Name	ST16
Tag Comment	LV SWGR IL
Lvl	4

Sequence Tables (FCS010131ST01 LV SWGR IL)

Start Timing	Periodic Execution Type(T)
Output Timing	Output Each Time Conditions are Satisfied(E)
Scan Period	Basic Scan
Control Period	1
Control Phase	0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	70XA-7201.PV	OFF	AC UPS F&G BYP INT.FAULT	Y								
C02	87XA-7204.PV	ON	TEMP GEN/BAT INTER FLT	.Y								
C03	87XA-7209.PV	OFF	AC UPS PAS A INT.FAULT	..Y								
C04	87XA-7205.PV	OFF	AC UPS PAS LN B CB FLT	...Y								
C05	70XA-7202.PV	OFF	AC UPS F&G A INT.FAULT		Y							
C06	70XA-7203.PV	OFF	AC UPS F&G B INT.FAULT		.Y							
C07	83XA-7206.PV	OFF	WELD TOP DECK INT.FAULT		..Y							
C08	83XA-7208.PV	OFF	WELD LOW DECK INT.FAULT		...Y							
C09	85XA-7204.PV	OFF	DC BAT FDR A INT.FAULT			Y						
C10	85XA-7205.PV	OFF	DC BAT FDR B INT.FAULT			.Y						
C11	72XA-7201.PV	OFF	NAVAID FDR A INT.FAULT			..Y						
C12	72XA-7202.PV	OFF	NAVAID FDR B INT.FAULT			...Y						
C13	85XA-7207.PV	OFF	AC UPS PAS BYP INT.FAULT				Y					
C14												
C15												
C16												
C17												
C18												
C19												
C20												
C21												
C22												
C23												
C24												
C25												
C26												
C27												
C28												
C29												
C30												
C31												
C32												
A01	70UP200F401-IL.PV	L	AC UPS F&G BYP IL	Y								
A02	87JB200E2-IL.PV	L	CRANE CB INTERLOCK	.Y								
A03	87UP200F301-IL.PV	L	AC UPA PAS LN A IL	..Y								
A04	87UP200F302-IL.PV	L	AC UPA PAS LN B IL	...Y								
A05	70UP200F402-IL.PV	L	AC UPS F&G LN A 8HR IL		Y							
A06	70UP200F403-IL.PV	L	AC UPS F&G LN B 8HR IL		.Y							
A07	83ESW200N1-IL.PV	L	WELD TOP DECK IL		..Y							
A08	83ESW200N2-IL.PV	L	WELD LW DECK IL		...Y							
A09	85UP200F101-IL.PV	L	DC BAT FDR A			Y						
A10	85UP200F102-IL.PV	L	DC BAT FDR B			.Y						
A11	72UP200F201-IL.PV	L	NAVAID FDR A			..Y						
A12	72UP200F202-IL.PV	L	NAVAID FDR B			...Y						
A13	85UP200F303-IL.PV	L	AC UPS PAS BYPASS				Y					
A14												
A15												
A16												
A17												
A18												
A19												
A20												
A21												
A22												
A23												
A24												
A25												
A26												
A27												
A28												
A29												
A30												
A31												
A32												
PREV			THEN									
NEXT			ELSE									

Tag Detail (70UP200F401 AC UPS F&G BYP 8HR)

Basic

Tag Name	70UP200F401
Model Name	MC-2E
Tag Comment	AC UPS F&G BYP 8HR
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (87JB200E2 TEMP GEN/BAT)

Basic

Tag Name	87JB200E2
Model Name	MC-2E
Tag Comment	TEMP GEN/BAT
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (87UP200F301 AC UPS PAS LN A 30 MIN)

Basic

Tag Name	87UP200F301
Model Name	MC-2E
Tag Comment	AC UPS PAS LN A 30 MIN
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (87UP200F302 AC UPS PAS LN B 30 MIN)

Basic

Tag Name	87UP200F302
Model Name	MC-2E
Tag Comment	AC UPS PAS LN B 30 MIN
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (70UP200F402 AC UPS F&G LN A 8HR)

Basic

Tag Name	70UP200F402
Model Name	MC-2E
Tag Comment	AC UPS F&G LN A 8HR
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (70UP200F403 AC UPS F&G LN B 8HR)

Basic

Tag Name	70UP200F403
Model Name	MC-2E
Tag Comment	AC UPS F&G LN B 8HR
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse

Input Signal Conversion
Input Signal Conversion 3-position Status Input
Direction of Answerback Direct

Tag Detail (83ESW200N1 WELD TOP DECK IL)

Basic
Tag Name 83ESW200N1
Model Name MC-2E
Tag Comment WELD TOP DECK IL
Lvl 3
Scan Period Basic Scan
Switch Position Label OPEN,,CLOSE,OPEN
Label Reverse
Input Signal Conversion
Input Signal Conversion 3-position Status Input
Direction of Answerback Direct

Tag Detail (83ESW200N2 WELD LOW DECK IL)

Basic
Tag Name 83ESW200N2
Model Name MC-2E
Tag Comment WELD LOW DECK IL
Lvl 3
Scan Period Basic Scan
Switch Position Label OPEN,,CLOSE,OPEN
Label Reverse
Input Signal Conversion
Input Signal Conversion 3-position Status Input
Direction of Answerback Direct

Tag Detail (85UP200F102 DC BAT FDR B)

Basic
Tag Name 85UP200F102
Model Name MC-2E
Tag Comment DC BAT FDR B
Lvl 3
Scan Period Basic Scan
Switch Position Label OPEN,,CLOSE,OPEN
Label Reverse
Input Signal Conversion
Input Signal Conversion 3-position Status Input
Direction of Answerback Direct

Tag Detail (72UP200F201 NAVAID FDR A)

Basic
Tag Name 72UP200F201
Model Name MC-2E
Tag Comment NAVAID FDR A
Lvl 3
Scan Period Basic Scan
Switch Position Label OPEN,,CLOSE,OPEN
Label Reverse
Input Signal Conversion
Input Signal Conversion 3-position Status Input
Direction of Answerback Direct

Tag Detail (85UP200F101 DC BAT FDR A)

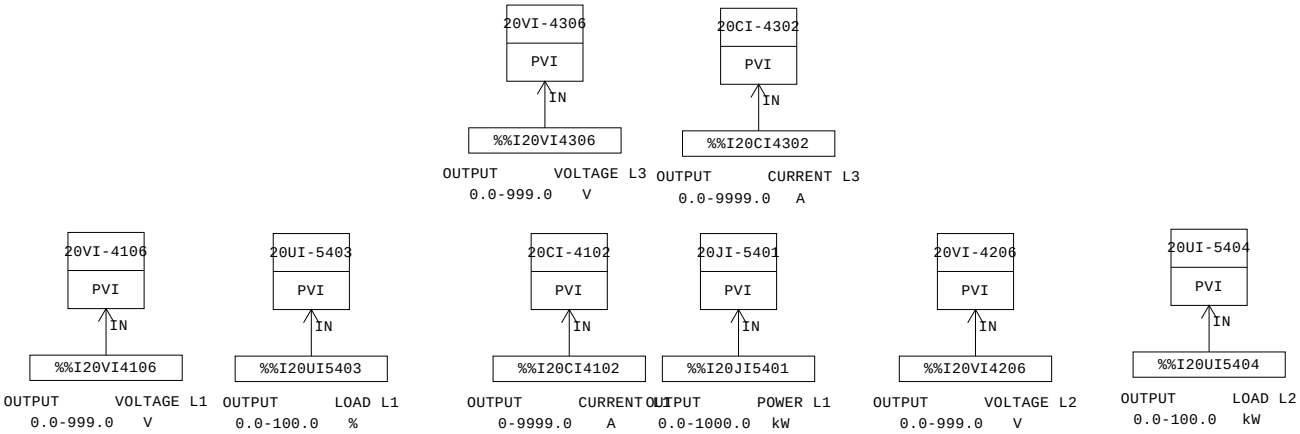
Basic
Tag Name 85UP200F101
Model Name MC-2E
Tag Comment DC BAT FDR A
Lvl 3
Scan Period Basic Scan
Switch Position Label OPEN,,CLOSE,OPEN
Label Reverse
Input Signal Conversion
Input Signal Conversion 3-position Status Input
Direction of Answerback Direct

Tag Detail (72UP200F202 NAVAID FDR B)

Basic
Tag Name 72UP200F202

Model Name	MC-2E
Tag Comment	NAVAID FDR B
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

PROJECT:	BLPH-CW1	FILE NAME:	DR0134.edf	SHEET:		YOKOGAWA	PAGE:3-25-55-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:19 AM	COMMENT:	200F4 FGS UPS-A		
SECTION:	DR0134	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0134.edf	SHEET:		YOKOGAWA	PAGE:3-25-55-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:19 AM	COMMENT:	200F4 FGS UPS-A		
SECTION:	DR0134	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:200F4 FGS UPS-A

No.	Tag Name	Model Name	Tag Comment		Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection			Set Value Input Connection Information		Lvl			
001	20VI-4306	PVI	OUTPUT	VOLTAGE L3	0.0	999.0	V 4	Communication Input	No	%%I20VI4306
002	20CI-4302	PVI	OUTPUT	CURRENT L3	0.0	9999.0	A 4	Communication Input	No	%%I20CI4302
003	20UI-5404	PVI	OUTPUT	LOAD L2	0.0	100.0	kW 4	Communication Input	No	%%I20UI5404
004	20VI-4106	PVI	OUTPUT	VOLTAGE L1	0.0	999.0	V 4	Communication Input	No	%%I20VI4106
005	20UI-5403	PVI	OUTPUT	LOAD L1	0.0	100.0	% 4	Communication Input	No	%%I20UI5403
006	20CI-4102	PVI	OUTPUT	CURRENT L1	0	9999.0	A 4	Communication Input	No	%%I20CI4102
007	20JI-5401	PVI	OUTPUT	POWER L1	0.0	1000.0	kW 4	Communication Input	No	%%I20JI5401
008	20VI-4206	PVI	OUTPUT	VOLTAGE L2	0.0	999.0	V 4	Communication Input	No	%%I20VI4206

Tag Detail (20VI-4306 OUTPUT VOLTAGE L3)

Basic

Tag Name	20VI-4306
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20CI-4302 OUTPUT CURRENT L3)

Basic

Tag Name	20CI-4302
Model Name	PVI
Tag Comment	OUTPUT CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20UI-5404 OUTPUT LOAD L2)

Basic

Tag Name	20UI-5404
Model Name	PVI
Tag Comment	OUTPUT LOAD L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20VI-4106 OUTPUT VOLTAGE L1)

Basic

Tag Name	20VI-4106
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20UI-5403 OUTPUT LOAD L1)

Basic

Tag Name	20UI-5403
Model Name	PVI
Tag Comment	OUTPUT LOAD L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20CI-4102 OUTPUT CURRENT L1)

Basic

Tag Name	20CI-4102
Model Name	PVI
Tag Comment	OUTPUT CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20JI-5401 OUTPUT POWER L1)

Basic

Tag Name	20JI-5401
Model Name	PVI
Tag Comment	OUTPUT POWER L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

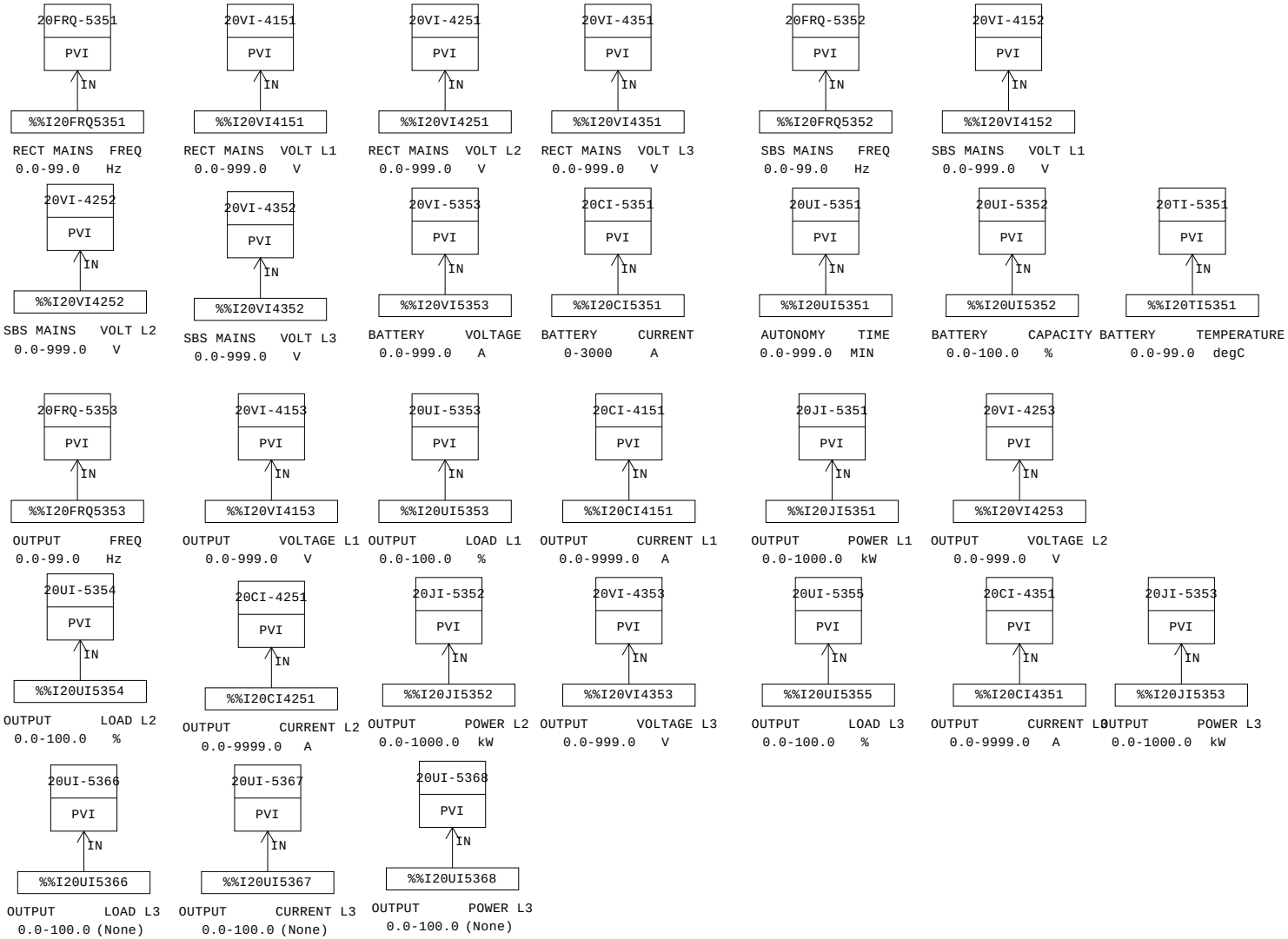
Tag Detail (20VI-4206 OUTPUT VOLTAGE L2)

Basic

Tag Name	20VI-4206
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1.000
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0135.edf	SHEET:		YOKOGAWA	PAGE:3-25-56-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:22 AM	COMMENT:	2500F3 PAS UPS-B		
SECTION:	DR0135	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0135 | BLPH-CW | PVI SUBSYSTEM - BLPH UPS]



PROJECT:	BLPH-CW1	FILE NAME:	DR0135.edf	SHEET:		YOKOGAWA	PAGE:3-25-56-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:22 AM	COMMENT:	2500F3 PAS UPS-B		
SECTION:	DR0135	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:2500F3 PAS UPS-B

No.	Tag Name	Model Name	Tag Comment		Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection			Set Value Input Connection Information		Lvl			
001	20FRQ-5351	PVI	RECT MAINS	FREQ	0.0	99.0	Hz 4	Communication Input	Hour	%%I20FRQ5351
002	20VI-4151	PVI	RECT MAINS	VOLT L1	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4151
003	20VI-4251	PVI	RECT MAINS	VOLT L2	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4251
004	20VI-4351	PVI	RECT MAINS	VOLT L3	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4351
005	20FRQ-5352	PVI	SBS MAINS	FREQ	0.0	99.0	Hz 4	Communication Input	Hour	%%I20FRQ5352
006	20VI-4152	PVI	SBS MAINS	VOLT L1	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4152
007	20VI-4252	PVI	SBS MAINS	VOLT L2	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4252
008	20VI-4352	PVI	SBS MAINS	VOLT L3	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4352
009	20CI-5351	PVI	BATTERY	CURRENT	0	3000	A 4	Communication Input	Hour	%%I20CI5351
010	20VI-5353	PVI	BATTERY	VOLTAGE	0.0	999.0	A 4	Communication Input	Hour	%%I20VI5353
011	20UI-5352	PVI	BATTERY	CAPACITY	0.0	100.0	% 4	Communication Input	Hour	%%I20UI5352
012	20UI-5351	PVI	AUTONOMY	TIME	0.0	999.0	MIN 4	Communication Input	Hour	%%I20UI5351
013	20TI-5351	PVI	BATTERY	TEMPERATURE	0.0	99.0	degC 4	Communication Input	Hour	%%I20TI5351
014	20FRQ-5353	PVI	OUTPUT	FREQ	0.0	99.0	Hz 4	Communication Input	Hour	%%I20FRQ5353
015	20VI-4153	PVI	OUTPUT	VOLTAGE L1	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4153
016	20UI-5353	PVI	OUTPUT	LOAD L1	0.0	100.0	% 4	Communication Input	Hour	%%I20UI5353
017	20CI-4151	PVI	OUTPUT	CURRENT L1	0.0	9999.0	A 4	Communication Input	Hour	%%I20CI4151
018	20JI-5351	PVI	OUTPUT	POWER L1	0.0	1000.0	kW 4	Communication Input	Hour	%%I20JI5351
019	20VI-4253	PVI	OUTPUT	VOLTAGE L2	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4253
020	20UI-5354	PVI	OUTPUT	LOAD L2	0.0	100.0	% 4	Communication Input	Hour	%%I20UI5354
021	20CI-4251	PVI	OUTPUT	CURRENT L2	0.0	9999.0	A 4	Communication Input	Hour	%%I20CI4251
022	20VI-4353	PVI	OUTPUT	VOLTAGE L3	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4353
023	20JI-5352	PVI	OUTPUT	POWER L2	0.0	1000.0	kW 4	Communication Input	Hour	%%I20JI5352
024	20CI-4351	PVI	OUTPUT	CURRENT L3	0.0	9999.0	A 4	Communication Input	Hour	%%I20CI4351
025	20UI-5355	PVI	OUTPUT	LOAD L3	0.0	100.0	% 4	Communication Input	Hour	%%I20UI5355
026	20JI-5353	PVI	OUTPUT	POWER L3	0.0	1000.0	kW 4	Communication Input	Hour	%%I20JI5353
027	20UI-5367	PVI	OUTPUT	CURRENT L3	0.0	100.0	(None) 4	Communication Input	Hour	%%I20UI5367

028	20UI-5366	PVI	OUTPUT	LOAD L3	0.0	100.0	(None) 4	Communication Input	Hour	%%I20UI5366
029	20UI-5368	PVI	OUTPUT	POWER L3	0.0	100.0	(None) 4	Communication Input	Hour	%%I20UI5368

Tag Detail (20FRQ-5351 RECT MAINS FREQ)

Basic

Tag Name	20FRQ-5351
Model Name	PVI
Tag Comment	RECT MAINS FREQ
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4151 RECT MAINS VOLT L1)

Basic

Tag Name	20VI-4151
Model Name	PVI
Tag Comment	RECT MAINS VOLT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4251 RECT MAINS VOLT L2)

Basic

Tag Name	20VI-4251
Model Name	PVI
Tag Comment	RECT MAINS VOLT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4351 RECT MAINS VOLT L3)

Basic

Tag Name	20VI-4351
Model Name	PVI
Tag Comment	RECT MAINS VOLT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20FRQ-5352 SBS MAINS FREQ)

Basic

Tag Name	20FRQ-5352
Model Name	PVI
Tag Comment	SBS MAINS FREQ
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4152 SBS MAINS VOLT L1)

Basic

Tag Name	20VI-4152
Model Name	PVI
Tag Comment	SBS MAINS VOLT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4252 SBS MAINS VOLT L2)

Basic

Tag Name	20VI-4252
Model Name	PVI
Tag Comment	SBS MAINS VOLT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4352 SBS MAINS VOLT L3)

Basic

Tag Name	20VI-4352
Model Name	PVI
Tag Comment	SBS MAINS VOLT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-5351 BATTERY CURRENT)

Basic

Tag Name	20CI-5351

Model Name	PVI
Tag Comment	BATTERY CURRENT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-5353 BATTERY VOLTAGE)

Basic

Tag Name	20VI-5353
Model Name	PVI
Tag Comment	BATTERY VOLTAGE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5352 BATTERY CAPACITY)

Basic

Tag Name	20UI-5352
Model Name	PVI
Tag Comment	BATTERY CAPACITY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5351 AUTONOMY TIME)

Basic

Tag Name	20UI-5351
Model Name	PVI
Tag Comment	AUTONOMY TIME
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20TI-5351 BATTERY TEMPERATURE)

Basic

Tag Name	20TI-5351
Model Name	PVI
Tag Comment	BATTERY TEMPERATURE

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20FRQ-5353 OUTPUT FREQ)

Basic

Tag Name	20FRQ-5353
Model Name	PVI
Tag Comment	OUTPUT FREQ
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4153 OUTPUT VOLTAGE L1)

Basic

Tag Name	20VI-4153
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5353 OUTPUT LOAD L1)

Basic

Tag Name	20UI-5353
Model Name	PVI
Tag Comment	OUTPUT LOAD L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-4151 OUTPUT CURRENT L1)

Basic

Tag Name	20CI-4151
Model Name	PVI
Tag Comment	OUTPUT CURRENT L1
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20JI-5351 OUTPUT POWER L1)

Basic

Tag Name	20JI-5351
Model Name	PVI
Tag Comment	OUTPUT POWER L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4253 OUTPUT VOLTAGE L2)

Basic

Tag Name	20VI-4253
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5354 OUTPUT LOAD L2)

Basic

Tag Name	20UI-5354
Model Name	PVI
Tag Comment	OUTPUT LOAD L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-4251 OUTPUT CURRENT L2)

Basic

Tag Name	20CI-4251
Model Name	PVI
Tag Comment	OUTPUT CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4353 OUTPUT VOLTAGE L3)

Basic

Tag Name	20VI-4353
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20JI-5352 OUTPUT POWER L2)

Basic

Tag Name	20JI-5352
Model Name	PVI
Tag Comment	OUTPUT POWER L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-4351 OUTPUT CURRENT L3)

Basic

Tag Name	20CI-4351
Model Name	PVI
Tag Comment	OUTPUT CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5355 OUTPUT LOAD L3)

Basic

Tag Name	20UI-5355
Model Name	PVI
Tag Comment	OUTPUT LOAD L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input

Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20JI-5353 OUTPUT POWER L3)

Basic

Tag Name	20JI-5353
Model Name	PVI
Tag Comment	OUTPUT POWER L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5367 OUTPUT CURRENT L3)

Basic

Tag Name	20UI-5367
Model Name	PVI
Tag Comment	OUTPUT CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5366 OUTPUT LOAD L3)

Basic

Tag Name	20UI-5366
Model Name	PVI
Tag Comment	OUTPUT LOAD L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5368 OUTPUT POWER L3)

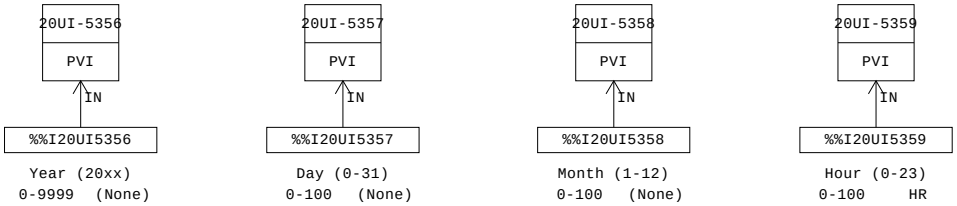
Basic

Tag Name	20UI-5368
Model Name	PVI
Tag Comment	OUTPUT POWER L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000

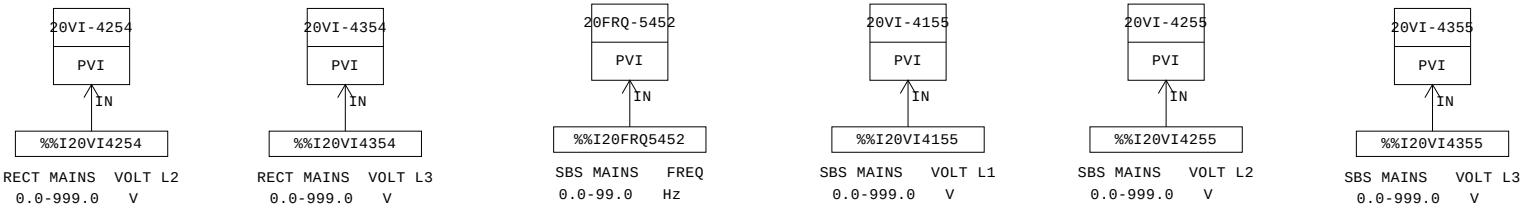
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

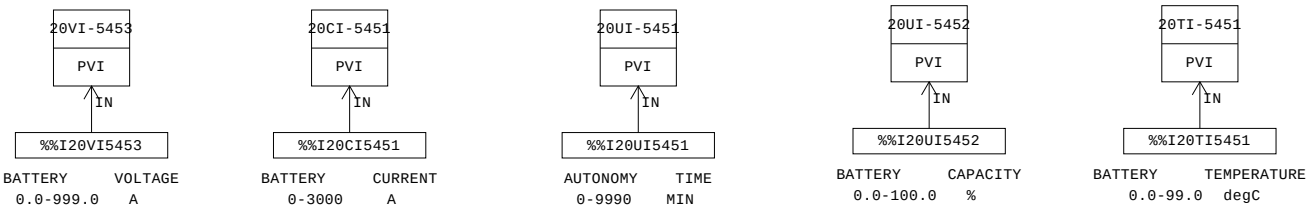
PROJECT:	BLPH-CW1	FILE NAME:	DR0136.edf	SHEET:		YOKOGAWA	PAGE:3-25-57-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:25 AM	COMMENT:	200F3/4 PAS FGS UPS B		
SECTION:	DR0136	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0136| BLPH-CW | PVI SUBSYSTEM - BLPH UPS]









PROJECT:	BLPH-CW1	FILE NAME:	DR0136.edf	SHEET:		YOKOGAWA	PAGE:3-25-57-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:25 AM	COMMENT:	200F3/4 PAS FGS UPS B		
SECTION:	DR0136	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:200F3/4 PAS FGS UPS B

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	20UI-5356	PVI	Year (20xx)	0	9999	(None)	Communication Input	Hour	%%I20UI5356
						4			
002	20UI-5357	PVI	Day (0-31)	0	100	(None)	Communication Input	Hour	%%I20UI5357
						4			
003	20UI-5358	PVI	Month (1-12)	0	100	(None)	Communication Input	Hour	%%I20UI5358
						4			
004	20UI-5359	PVI	Hour (0-23)	0	100	HR	Communication Input	Hour	%%I20UI5359
						4			
005	20UI-5360	PVI	Minute (0-59)	0.0	100	MIN	Communication Input	Hour	%%I20UI5360
						4			
006	20UI-5361	PVI	Second (0-59)	0.0	100	S	Communication Input	Hour	%%I20UI5361
						4			
007	20UI-5362	PVI	Millisecond (0-999)	0	999	(None)	Communication Input	Hour	%%I20UI5362
						4			
008	20UI-5363	PVI	Weekday 1=Monday 2=Tuesd	0.0	100	(None)	Communication Input	Hour	%%I20UI5363
						4			
009	20FRQ-5451	PVI	RECT MAINS FREQ	0.0	99.0	Hz	Communication Input	Hour	%%I20FRQ5451
						4			
010	20VI-4154	PVI	RECT MAINS VOLT L1	0.0	999.0	V	Communication Input	Hour	%%I20VI4154
						4			
011	20VI-4254	PVI	RECT MAINS VOLT L2	0.0	999.0	V	Communication Input	Hour	%%I20VI4254
						4			
012	20VI-4354	PVI	RECT MAINS VOLT L3	0.0	999.0	V	Communication Input	Hour	%%I20VI4354
						4			
013	20FRQ-5452	PVI	SBS MAINS FREQ	0.0	99.0	Hz	Communication Input	Hour	%%I20FRQ5452
						4			
014	20VI-4155	PVI	SBS MAINS VOLT L1	0.0	999.0	V	Communication Input	Hour	%%I20VI4155
						4			
015	20VI-4255	PVI	SBS MAINS VOLT L2	0.0	999.0	V	Communication Input	Hour	%%I20VI4255
						4			
016	20VI-4355	PVI	SBS MAINS VOLT L3	0.0	999.0	V	Communication Input	Hour	%%I20VI4355
						4			
017	20CI-5451	PVI	BATTERY CURRENT	0	3000	A	Communication Input	Hour	%%I20CI5451
						4			
018	20VI-5453	PVI	BATTERY VOLTAGE	0.0	999.0	A	Communication Input	Hour	%%I20VI5453
						4			
019	20UI-5452	PVI	BATTERY CAPACITY	0.0	100.0	%	Communication Input	Hour	%%I20UI5452
						4			
020	20UI-5451	PVI	AUTONOMY TIME	0	9990	MIN	Communication Input	Hour	%%I20UI5451
						4			
021	20TI-5451	PVI	BATTERY TEMPERATURE	0.0	99.0	degC	Communication Input	Hour	%%I20TI5451
						4			

Tag Detail (20UI-5356 Year (20xx))

Basic

Tag Name	20UI-5356
Model Name	PVI
Tag Comment	Year (20xx)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5357 Day (0-31))

Basic

Tag Name	20UI-5357
Model Name	PVI
Tag Comment	Day (0-31)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5358 Month (1-12))

Basic

Tag Name	20UI-5358
Model Name	PVI
Tag Comment	Month (1-12)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5359 Hour (0-23))

Basic

Tag Name	20UI-5359
Model Name	PVI
Tag Comment	Hour (0-23)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5360 Minute (0-59))

Basic

Tag Name	20UI-5360
Model Name	PVI
Tag Comment	Minute (0-59)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5361 Second (0-59))

Basic

Tag Name	20UI-5361
Model Name	PVI
Tag Comment	Second (0-59)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5362 Millisecond (0-999))

Basic

Tag Name	20UI-5362
Model Name	PVI
Tag Comment	Millisecond (0-999)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5363 Weekday 1=Monday 2=Tuesd)

Basic

Tag Name	20UI-5363
Model Name	PVI
Tag Comment	Weekday 1=Monday 2=Tuesd
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20FRQ-5451 RECT MAINS FREQ)

Basic

Tag Name	20FRQ-5451

Model Name	PVI
Tag Comment	RECT MAINS FREQ
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4154 RECT MAINS VOLT L1)

Basic

Tag Name	20VI-4154
Model Name	PVI
Tag Comment	RECT MAINS VOLT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4254 RECT MAINS VOLT L2)

Basic

Tag Name	20VI-4254
Model Name	PVI
Tag Comment	RECT MAINS VOLT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4354 RECT MAINS VOLT L3)

Basic

Tag Name	20VI-4354
Model Name	PVI
Tag Comment	RECT MAINS VOLT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20FRQ-5452 SBS MAINS FREQ)

Basic

Tag Name	20FRQ-5452
Model Name	PVI
Tag Comment	SBS MAINS FREQ

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4155 SBS MAINS VOLT L1)

Basic

Tag Name	20VI-4155
Model Name	PVI
Tag Comment	SBS MAINS VOLT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4255 SBS MAINS VOLT L2)

Basic

Tag Name	20VI-4255
Model Name	PVI
Tag Comment	SBS MAINS VOLT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4355 SBS MAINS VOLT L3)

Basic

Tag Name	20VI-4355
Model Name	PVI
Tag Comment	SBS MAINS VOLT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-5451 BATTERY CURRENT)

Basic

Tag Name	20CI-5451
Model Name	PVI
Tag Comment	BATTERY CURRENT
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-5453 BATTERY VOLTAGE)

Basic

Tag Name	20VI-5453
Model Name	PVI
Tag Comment	BATTERY VOLTAGE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5452 BATTERY CAPACITY)

Basic

Tag Name	20UI-5452
Model Name	PVI
Tag Comment	BATTERY CAPACITY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5451 AUTONOMY TIME)

Basic

Tag Name	20UI-5451
Model Name	PVI
Tag Comment	AUTONOMY TIME
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20TI-5451 BATTERY TEMPERATURE)

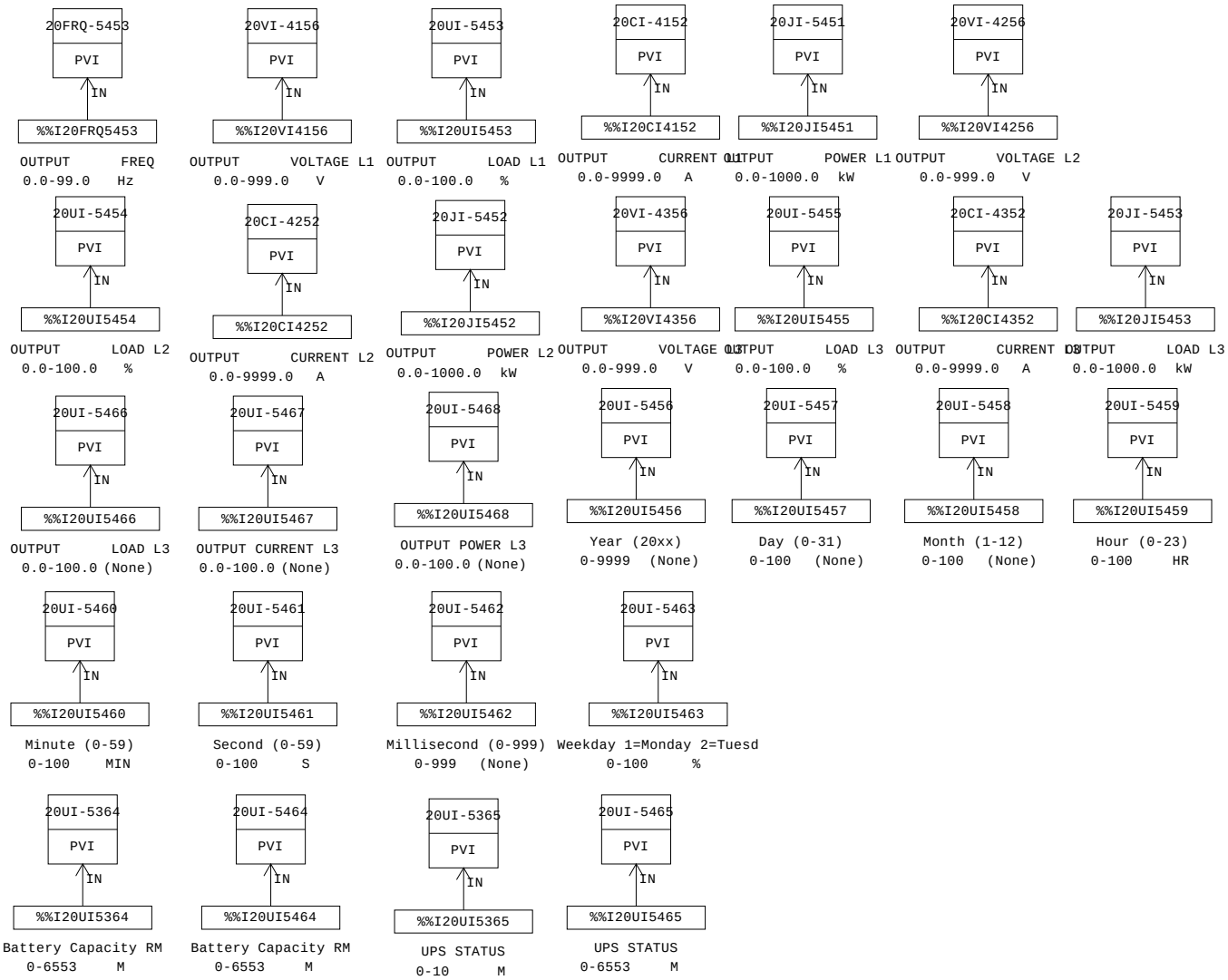
Basic

Tag Name	20TI-5451
Model Name	PVI
Tag Comment	BATTERY TEMPERATURE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

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STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:28 AM	COMMENT:	200F4 FGS UPS-B		
SECTION:	DR0137	PRINTED DATE:	9/15/2025	DRAWER:			

[FCS0101 | DR0137 | BLPH-CW | PVI SUBSYSTEM - BLPH UPS]



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STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:28 AM	COMMENT:	200F4 FGS UPS-B		
SECTION:	DR0137	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:200F4 FGS UPS-B

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	20UI-5464	PVI	Battery Capacity RM	0	6553	M 4	Communication Input	Hour	%%I20UI5464
002	20UI-5364	PVI	Battery Capacity RM	0	6553	M 4	Communication Input	Hour	%%I20UI5364
003	20UI-5365	PVI	UPS STATUS	0	10	M 4	Communication Input	Hour	%%I20UI5365
004	20UI-5465	PVI	UPS STATUS	0	6553	M 4	Communication Input	Hour	%%I20UI5465
005	20FRQ-5453	PVI	OUTPUT FREQ	0.0	99.0	Hz 4	Communication Input	Hour	%%I20FRQ5453
006	20VI-4156	PVI	OUTPUT VOLTAGE L1	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4156
007	20UI-5453	PVI	OUTPUT LOAD L1	0.0	100.0	% 4	Communication Input	Hour	%%I20UI5453
008	20CI-4152	PVI	OUTPUT CURRENT L1	0.0	9999.0	A 4	Communication Input	Hour	%%I20CI4152
009	20JI-5451	PVI	OUTPUT POWER L1	0.0	1000.0	kW 4	Communication Input	Hour	%%I20JI5451
010	20VI-4256	PVI	OUTPUT VOLTAGE L2	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4256
011	20UI-5454	PVI	OUTPUT LOAD L2	0.0	100.0	% 4	Communication Input	Hour	%%I20UI5454
012	20CI-4252	PVI	OUTPUT CURRENT L2	0.0	9999.0	A 4	Communication Input	Hour	%%I20CI4252
013	20VI-4356	PVI	OUTPUT VOLTAGE L3	0.0	999.0	V 4	Communication Input	Hour	%%I20VI4356
014	20JI-5452	PVI	OUTPUT POWER L2	0.0	1000.0	kW 4	Communication Input	Hour	%%I20JI5452
015	20CI-4352	PVI	OUTPUT CURRENT L3	0.0	9999.0	A 4	Communication Input	Hour	%%I20CI4352
016	20UI-5455	PVI	OUTPUT LOAD L3	0.0	100.0	% 4	Communication Input	Hour	%%I20UI5455
017	20JI-5453	PVI	OUTPUT LOAD L3	0.0	1000.0	kW 4	Communication Input	Hour	%%I20JI5453
018	20UI-5467	PVI	OUTPUT CURRENT L3	0.0	100.0	(None) 4	Communication Input	Hour	%%I20UI5467
019	20UI-5466	PVI	OUTPUT LOAD L3	0.0	100.0	(None) 4	Communication Input	Hour	%%I20UI5466
020	20UI-5468	PVI	OUTPUT POWER L3	0.0	100.0	(None) 4	Communication Input	Hour	%%I20UI5468
021	20UI-5456	PVI	Year (20xx)	0	9999	(None) 4	Communication Input	Hour	%%I20UI5456
022	20UI-5457	PVI	Day (0-31)	0	100	(None) 4	Communication Input	Hour	%%I20UI5457
023	20UI-5458	PVI	Month (1-12)	0	100	(None) 4	Communication Input	Hour	%%I20UI5458
024	20UI-5459	PVI	Hour (0-23)	0	100	HR 4	Communication Input	Hour	%%I20UI5459
025	20UI-5460	PVI	Minute (0-59)	0	100	MIN 4	Communication Input	Hour	%%I20UI5460
026	20UI-5461	PVI	Second (0-59)	0	100	S 4	Communication Input	Hour	%%I20UI5461
027	20UI-5462	PVI	Millisecond (0-999)	0	999	(None) 4	Communication Input	Hour	%%I20UI5462

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SECTION:	DR0137	PRINTED DATE:	9/15/2025	DRAWER:			

028 20UI-5463 PVI Weekday 1=Monday 2=Tuesd 0 100 % Communication Input Hour %%I20UI5463
4

Tag Detail (20UI-5464 Battery Capacity RM)

Basic

Tag Name	20UI-5464
Model Name	PVI
Tag Comment	Battery Capacity RM
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5364 Battery Capacity RM)

Basic

Tag Name	20UI-5364
Model Name	PVI
Tag Comment	Battery Capacity RM
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5365 UPS STATUS)

Basic

Tag Name	20UI-5365
Model Name	PVI
Tag Comment	UPS STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5465 UPS STATUS)

Basic

Tag Name	20UI-5465
Model Name	PVI
Tag Comment	UPS STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20FRQ-5453 OUTPUT FREQ)

Basic

Tag Name	20FRQ-5453
Model Name	PVI
Tag Comment	OUTPUT FREQ
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4156 OUTPUT VOLTAGE L1)

Basic

Tag Name	20VI-4156
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5453 OUTPUT LOAD L1)

Basic

Tag Name	20UI-5453
Model Name	PVI
Tag Comment	OUTPUT LOAD L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-4152 OUTPUT CURRENT L1)

Basic

Tag Name	20CI-4152
Model Name	PVI
Tag Comment	OUTPUT CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20JI-5451 OUTPUT POWER L1)

Basic

Tag Name	20JI-5451

Model Name	PVI
Tag Comment	OUTPUT POWER L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4256 OUTPUT VOLTAGE L2)

Basic

Tag Name	20VI-4256
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5454 OUTPUT LOAD L2)

Basic

Tag Name	20UI-5454
Model Name	PVI
Tag Comment	OUTPUT LOAD L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-4252 OUTPUT CURRENT L2)

Basic

Tag Name	20CI-4252
Model Name	PVI
Tag Comment	OUTPUT CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4356 OUTPUT VOLTAGE L3)

Basic

Tag Name	20VI-4356
Model Name	PVI
Tag Comment	OUTPUT VOLTAGE L3

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20JI-5452 OUTPUT POWER L2)

Basic

Tag Name	20JI-5452
Model Name	PVI
Tag Comment	OUTPUT POWER L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-4352 OUTPUT CURRENT L3)

Basic

Tag Name	20CI-4352
Model Name	PVI
Tag Comment	OUTPUT CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5455 OUTPUT LOAD L3)

Basic

Tag Name	20UI-5455
Model Name	PVI
Tag Comment	OUTPUT LOAD L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20JI-5453 OUTPUT LOAD L3)

Basic

Tag Name	20JI-5453
Model Name	PVI
Tag Comment	OUTPUT LOAD L3
Lvl	4
Scan Period	Basic Scan

Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5467 OUTPUT CURRENT L3)

Basic

Tag Name	20UI-5467
Model Name	PVI
Tag Comment	OUTPUT CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5466 OUTPUT LOAD L3)

Basic

Tag Name	20UI-5466
Model Name	PVI
Tag Comment	OUTPUT LOAD L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5468 OUTPUT POWER L3)

Basic

Tag Name	20UI-5468
Model Name	PVI
Tag Comment	OUTPUT POWER L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5456 Year (20xx))

Basic

Tag Name	20UI-5456
Model Name	PVI
Tag Comment	Year (20xx)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0

Input Signal Conversion
- Input Signal Conversion: Communication Input
- Data Conversion Gain: 1
- Data Conversion Bias: 0.000
- Input High Limit Detection Set Value: 106.25
- Input Low Limit Detection Set Value: -6.25

Totalizer
- Totalizer Time Unit: Hour
- Totalizer Low-Input Cut Value: 0%

Tag Detail (20UI-5457 Day (0-31))

Basic

- Tag Name: 20UI-5457
- Model Name: PVI
- Tag Comment: Day (0-31)
- Lvl: 4
- Scan Period: Basic Scan
- Scan coefficient: 1
- Scan phase: 0

Input Signal Conversion
- Input Signal Conversion: Communication Input
- Data Conversion Gain: 1
- Data Conversion Bias: 0.000
- Input High Limit Detection Set Value: 106.25
- Input Low Limit Detection Set Value: -6.25

Totalizer
- Totalizer Time Unit: Hour
- Totalizer Low-Input Cut Value: 0%

Tag Detail (20UI-5458 Month (1-12))

Basic

- Tag Name: 20UI-5458
- Model Name: PVI
- Tag Comment: Month (1-12)
- Lvl: 4
- Scan Period: Basic Scan
- Scan coefficient: 1
- Scan phase: 0

Input Signal Conversion
- Input Signal Conversion: Communication Input
- Data Conversion Gain: 1
- Data Conversion Bias: 0.000
- Input High Limit Detection Set Value: 106.25
- Input Low Limit Detection Set Value: -6.25

Totalizer
- Totalizer Time Unit: Hour
- Totalizer Low-Input Cut Value: 0%

Tag Detail (20UI-5459 Hour (0-23))

Basic

- Tag Name: 20UI-5459
- Model Name: PVI
- Tag Comment: Hour (0-23)
- Lvl: 4
- Scan Period: Basic Scan
- Scan coefficient: 1
- Scan phase: 0

Input Signal Conversion
- Input Signal Conversion: Communication Input
- Data Conversion Gain: 1
- Data Conversion Bias: 0.000
- Input High Limit Detection Set Value: 106.25
- Input Low Limit Detection Set Value: -6.25

Totalizer
- Totalizer Time Unit: Hour
- Totalizer Low-Input Cut Value: 0%

Tag Detail (20UI-5460 Minute (0-59))

Basic

- Tag Name: 20UI-5460
- Model Name: PVI
- Tag Comment: Minute (0-59)
- Lvl: 4
- Scan Period: Basic Scan
- Scan coefficient: 1
- Scan phase: 0

Input Signal Conversion
- Input Signal Conversion: Communication Input

Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5461 Second (0-59))

Basic

Tag Name	20UI-5461
Model Name	PVI
Tag Comment	Second (0-59)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5462 Millisecond (0-999))

Basic

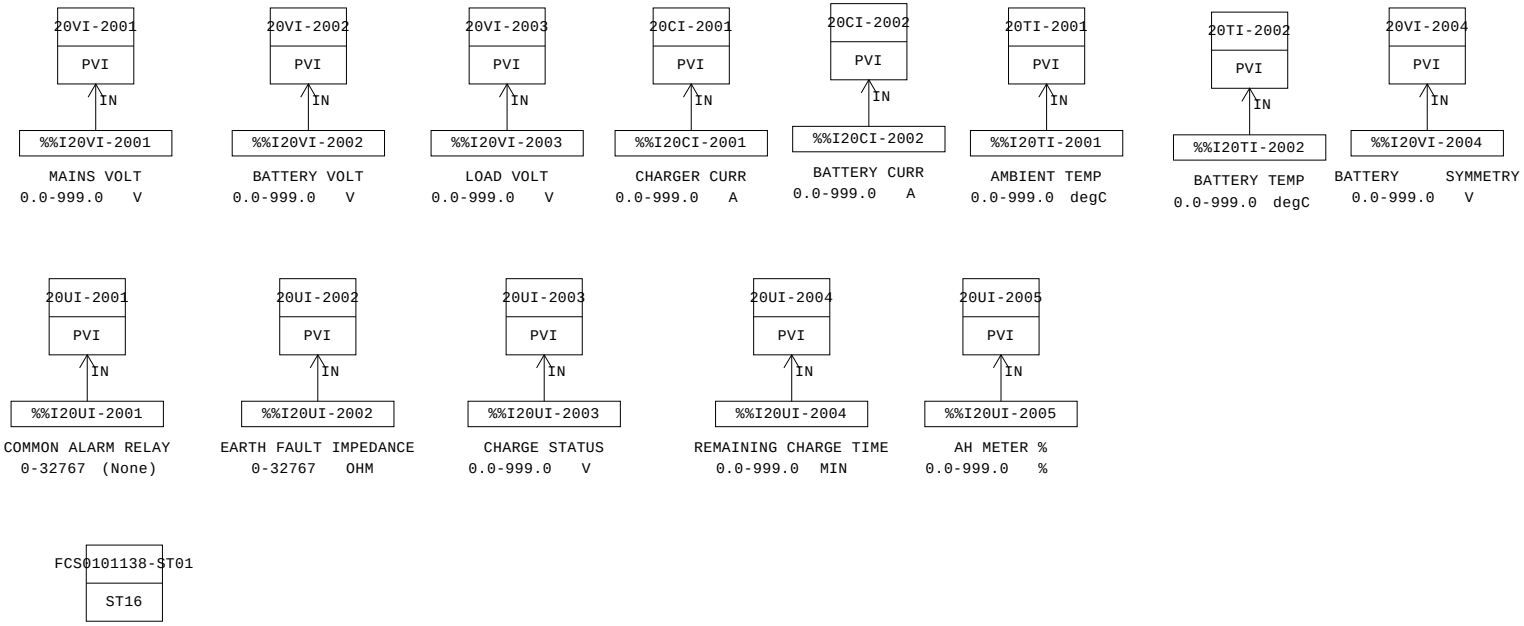
Tag Name	20UI-5462
Model Name	PVI
Tag Comment	Millisecond (0-999)
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5463 Weekday 1=Monday 2=Tuesd)

Basic

Tag Name	20UI-5463
Model Name	PVI
Tag Comment	Weekday 1=Monday 2=Tuesd
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

PROJECT:	BLPH-CW1	FILE NAME:	DR0138.edf	SHEET:		YOKOGAWA	PAGE:3-25-59-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:30 AM	COMMENT:	200F1DC UPS-A		
SECTION:	DR0138	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0138.edf	SHEET:		YOKOGAWA	PAGE:3-25-59-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:30 AM	COMMENT:	200F1DC UPS-A		
SECTION:	DR0138	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:200F1DC UPS-A

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	20VI-2001	PVI	MAINS VOLT	0.0	999.0	V	Communication Input	Hour	%%I20VI-2001
						4			
002	20VI-2002	PVI	BATTERY VOLT	0.0	999.0	V	Communication Input	Hour	%%I20VI-2002
						4			
003	20VI-2003	PVI	LOAD VOLT	0.0	999.0	V	Communication Input	Hour	%%I20VI-2003
						4			
004	20CI-2001	PVI	CHARGER CURR	0.0	999.0	A	Communication Input	Hour	%%I20CI-2001
						4			
005	20CI-2002	PVI	BATTERY CURR	0.0	999.0	A	Communication Input	Hour	%%I20CI-2002
						4			
006	20TI-2001	PVI	AMBIENT TEMP	0.0	999.0	degC	Communication Input	Hour	%%I20TI-2001
						4			
007	20TI-2002	PVI	BATTERY TEMP	0.0	999.0	degC	Communication Input	Hour	%%I20TI-2002
						4			
008	20VI-2004	PVI	BATTERY SYMMETRY	0.0	999.0	V	Communication Input	Hour	%%I20VI-2004
						4			
009	20UI-2001	PVI	COMMON ALARM RELAY	0	32767	(None)	Communication Input	Hour	%%I20UI-2001
						4			
010	20UI-2002	PVI	EARTH FAULT IMPEDANCE	0	32767	OHM	Communication Input	No	%%I20UI-2002
						4			
011	20UI-2003	PVI	CHARGE STATUS	0.0	999.0	V	Communication Input	No	%%I20UI-2003
						4			
012	20UI-2004	PVI	REMAINING CHARGE TIME	0.0	999.0	MIN	Communication Input	No	%%I20UI-2004
						4			
013	20UI-2005	PVI	AH METER %	0.0	999.0	%	Communication Input	No	%%I20UI-2005
						4			
014	FCS0101138-ST01	ST16		0	0				
						4			

Tag Detail (20VI-2001 MAINS VOLT)

Basic

Tag Name	20VI-2001
Model Name	PVI
Tag Comment	MAINS VOLT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-2002 BATTERY VOLT)

Basic

Tag Name	20VI-2002
Model Name	PVI
Tag Comment	BATTERY VOLT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-2003 LOAD VOLT)

Basic

Tag Name	20VI-2003
Model Name	PVI
Tag Comment	LOAD VOLT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-2001 CHARGER CURR)

Basic

Tag Name	20CI-2001
Model Name	PVI
Tag Comment	CHARGER CURR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-2002 BATTERY CURR)

Basic

Tag Name	20CI-2002
Model Name	PVI
Tag Comment	BATTERY CURR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20TI-2001 AMBIENT TEMP)

Basic

Tag Name	20TI-2001
Model Name	PVI
Tag Comment	AMBIENT TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20TI-2002 BATTERY TEMP)

Basic

Tag Name	20TI-2002
Model Name	PVI
Tag Comment	BATTERY TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-2004 BATTERY SYMMETRY)

Basic

Tag Name	20VI-2004
Model Name	PVI
Tag Comment	BATTERY SYMMETRY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-2001 COMMON ALARM RELAY)

Basic

Tag Name	20UI-2001

Model Name	PVI
Tag Comment	COMMON ALARM RELAY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-2002 EARTH FAULT IMPEDANCE)

Basic

Tag Name	20UI-2002
Model Name	PVI
Tag Comment	EARTH FAULT IMPEDANCE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20UI-2003 CHARGE STATUS)

Basic

Tag Name	20UI-2003
Model Name	PVI
Tag Comment	CHARGE STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20UI-2004 REMAINING CHARGE TIME)

Basic

Tag Name	20UI-2004
Model Name	PVI
Tag Comment	REMAINING CHARGE TIME
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20UI-2005 AH METER %)

Basic

Tag Name	20UI-2005
Model Name	PVI
Tag Comment	AH METER %

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (FCS0101138-ST01)

Basic

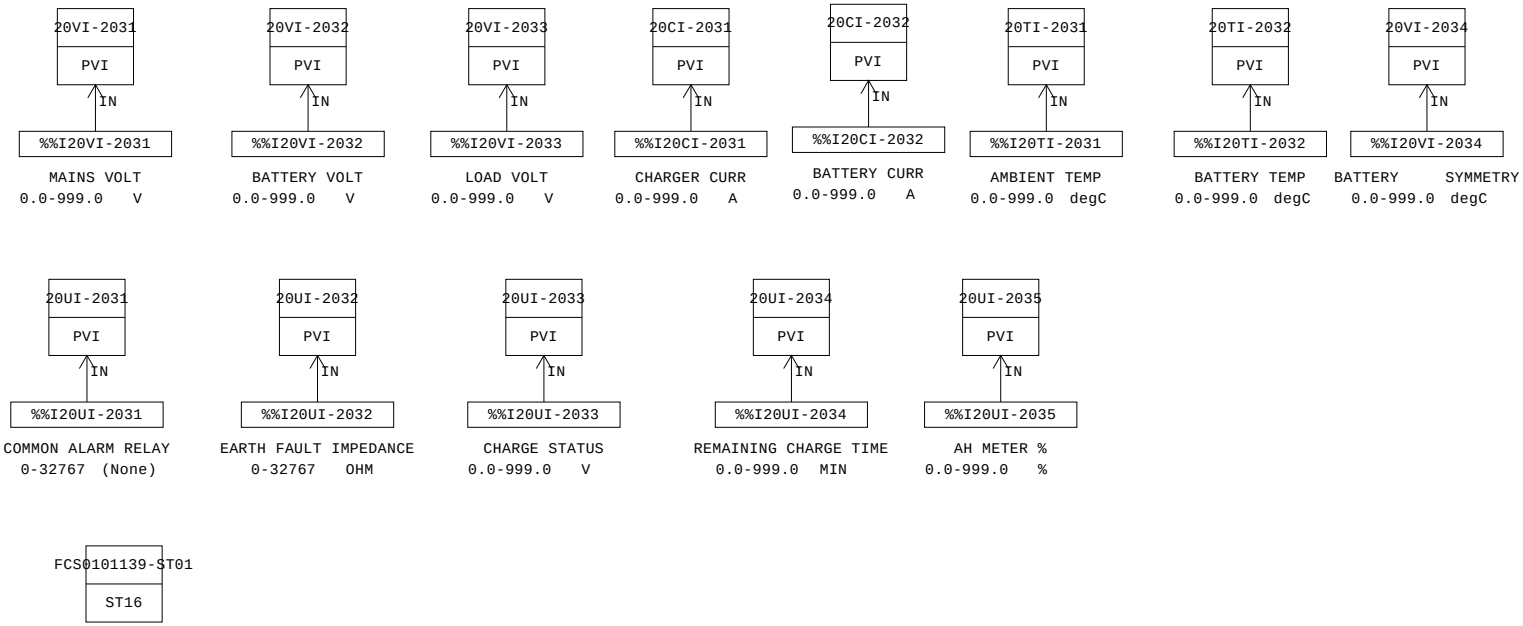
Tag Name	FCS0101138-ST01
Model Name	ST16
Tag Comment	
Lvl	4

Sequence Tables (FCS0101138-ST01)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20XA-2001.PV	ON	HI MAINS VOLT	Y								
C02	20XA-2002.PV	ON	LO MAINS VOLT	.Y								
C03	20XA-2003.PV	ON	CHARGER FAIL	..Y								
C04	20XA-2004.PV	ON	HI BATTERY VOLT	...Y								
C05	20XA-2005.PV	ON	LO BATTERY VOLT		Y							
C06	20XA-2006.PV	ON	HI DC VOLT		.Y							
C07	20XA-2007.PV	ON	LO DC VOLT		..Y							
C08	20XA-2008.PV	ON	GROUND FLT +		...Y							
C09	20XA-2009.PV	ON	GROUND FLT -			Y						
C10	20US-2001.PV	ON	CHARGER CURR LMT			.Y						
C11	20US-2002.PV	ON	BATTERY CURR LMT			..Y						
C12	20XA-2010.PV	ON	HI CHARGER CURR			...Y						
C13	20XA-2011.PV	ON	HI BATTERY CURR				Y					
C14	20XA-2012.PV	ON	HI TEMP				.Y					
C15	20XA-2013.PV	ON	TEMP SENSOR ERROR				..Y					
C16	20XA-2014.PV	ON	INTERNAL COMM ERR				...Y					
C17	20XA-2015.PV	ON	BATTERY TEST FAIL					Y				
C18	20XA-2016.PV	ON	BATTERY TEST ABORTED					.Y				
C19	20XA-2017.PV	ON	HI BATTERY TEMP					..Y				
C20	20XA-2018.PV	ON	HI FLOAT CURR					...Y				
C21	20XA-2019.PV	ON	LONG CHARGE TIME						Y			
C22	20XA-2020.PV	ON	NO POWER SUPPLY VOLT						.Y			
C23	20XA-2021.PV	ON	BATTERY IN OPERATION						..Y			
C24	20XA-2022.PV	ON	BATTERY SYMMETRY FLT						...Y			
C25	20US-2003.PV	ON	Q1 OPEN							Y		
C26	20US-2004.PV	ON	REMOTE OFF INHIBITION							.Y		
C27	20XA-2024.PV	ON	BATTERY PROTECTION							..Y		
C28	20XA-2025.PV	ON	DISTRIBUTION FAULT							...Y		
C29												
C30	20XA-2027.PV	ON	VENTILATION FAULT								.Y	
C31												
C32												
A01	20XA-2001AN.PV	L	HI MAINS VOLT	Y								
A02	20XA-2002AN.PV	L	LO MAINS VOLT	.Y								
A03	20XA-2003AN.PV	L	CHARGER FAIL	..Y								
A04	20XA-2004AN.PV	L	HI BATTERY VOLT	...Y								
A05	20XA-2005AN.PV	L	LO BATTERY VOLT		Y							
A06	20XA-2006AN.PV	L	HI DC VOLT		.Y							
A07	20XA-2007AN.PV	L	LO DC VOLT		..Y							
A08	20XA-2008AN.PV	L	GROUND FLT +		...Y							
A09	20XA-2009AN.PV	L	GROUND FLT -			Y						
A10	20US-2001AN.PV	L	CHARGER CURR LMT			.Y						
A11	20US-2002AN.PV	L	BATTERY CURR LMT			..Y						
A12	20XA-2010AN.PV	L	HI CHARGER CURR			...Y						
A13	20XA-2011AN.PV	L	HI BATTERY CURR				Y					
A14	20XA-2012AN.PV	L	HI TEMP				.Y					
A15	20XA-2013AN.PV	L	TEMP SENSOR ERROR				..Y					
A16	20XA-2014AN.PV	L	INTERNAL COMM ERR				...Y					
A17	20XA-2015AN.PV	L	BATTERY TEST FAIL					Y				
A18	20XA-2016AN.PV	L	BATTERY TEST ABORTED					.Y				
A19	20XA-2017AN.PV	L	HI BATTERY TEMP					..Y				
A20	20XA-2018AN.PV	L	HI FLOAT CURR					...Y				
A21	20XA-2019AN.PV	L	LONG CHARGE TIME						Y			
A22	20XA-2020AN.PV	L	NO POWER SUPPLY VOLT						.Y			
A23	20XA-2021AN.PV	L	BATTERY IN OPERATION						..Y			
A24	20XA-2022AN.PV	L	BATTERY SYMMETRY FLT						...Y			
A25	20US-2003AN.PV	L	Q1 OPEN							Y		
A26	20US-2004AN.PV	L	REMOTE OFF INHIBITION							.Y		
A27	20XA-2024AN.PV	L	BATTERY PROTECTION							..Y		
A28	20XA-2025AN.PV	L	DISTRIBUTION FAULT							...Y		
A29												
A30	20XA-2027AN.PV	L	VENTILATION FAULT								.Y	
A31												
A32												
PREV			THEN									
NEXT			ELSE									

PROJECT:	BLPH-CW1	FILE NAME:	DR0139.edf	SHEET:		YOKOGAWA	PAGE:3-25-60-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:33 AM	COMMENT:	200F1 DC UPS-B		
SECTION:	DR0139	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0139.edf	SHEET:		YOKOGAWA	PAGE:3-25-60-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:33 AM	COMMENT:	200F1 DC UPS-B		
SECTION:	DR0139	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:200F1 DC UPS-B

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	20VI-2031	PVI	MAINS VOLT	0.0	999.0	V	Communication Input	Hour	%%I20VI-2031
						4			
002	20VI-2032	PVI	BATTERY VOLT	0.0	999.0	V	Communication Input	Hour	%%I20VI-2032
						4			
003	20VI-2033	PVI	LOAD VOLT	0.0	999.0	V	Communication Input	Hour	%%I20VI-2033
						4			
004	20CI-2031	PVI	CHARGER CURR	0.0	999.0	A	Communication Input	Hour	%%I20CI-2031
						4			
005	20CI-2032	PVI	BATTERY CURR	0.0	999.0	A	Communication Input	Hour	%%I20CI-2032
						4			
006	20TI-2031	PVI	AMBIENT TEMP	0.0	999.0	degC	Communication Input	Hour	%%I20TI-2031
						4			
007	20TI-2032	PVI	BATTERY TEMP	0.0	999.0	degC	Communication Input	Hour	%%I20TI-2032
						4			
008	20VI-2034	PVI	BATTERY SYMMETRY	0.0	999.0	degC	Communication Input	Hour	%%I20VI-2034
						4			
009	20UI-2031	PVI	COMMON ALARM RELAY	0	32767	(None)	Communication Input	Hour	%%I20UI-2031
						4			
010	20UI-2032	PVI	EARTH FAULT IMPEDANCE	0	32767	OHM	Communication Input	No	%%I20UI-2032
						4			
011	20UI-2033	PVI	CHARGE STATUS	0.0	999.0	V	Communication Input	No	%%I20UI-2033
						4			
012	20UI-2034	PVI	REMAINING CHARGE TIME	0.0	999.0	MIN	Communication Input	No	%%I20UI-2034
						4			
013	20UI-2035	PVI	AH METER %	0.0	999.0	%	Communication Input	No	%%I20UI-2035
						4			
014	FCS0101139-ST01	ST16		0	0				
						4			

Tag Detail (20VI-2031 MAINS VOLT)

Basic

Tag Name	20VI-2031
Model Name	PVI
Tag Comment	MAINS VOLT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-2032 BATTERY VOLT)

Basic

Tag Name	20VI-2032
Model Name	PVI
Tag Comment	BATTERY VOLT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-2033 LOAD VOLT)

Basic

Tag Name	20VI-2033
Model Name	PVI
Tag Comment	LOAD VOLT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-2031 CHARGER CURR)

Basic

Tag Name	20CI-2031
Model Name	PVI
Tag Comment	CHARGER CURR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-2032 BATTERY CURR)

Basic

Tag Name	20CI-2032
Model Name	PVI
Tag Comment	BATTERY CURR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20TI-2031 AMBIENT TEMP)

Basic

Tag Name	20TI-2031
Model Name	PVI
Tag Comment	AMBIENT TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20TI-2032 BATTERY TEMP)

Basic

Tag Name	20TI-2032
Model Name	PVI
Tag Comment	BATTERY TEMP
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-2034 BATTERY SYMMETRY)

Basic

Tag Name	20VI-2034
Model Name	PVI
Tag Comment	BATTERY SYMMETRY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-2031 COMMON ALARM RELAY)

Basic

Tag Name	20UI-2031

Model Name	PVI
Tag Comment	COMMON ALARM RELAY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-2032 EARTH FAULT IMPEDANCE)

Basic

Tag Name	20UI-2032
Model Name	PVI
Tag Comment	EARTH FAULT IMPEDANCE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20UI-2033 CHARGE STATUS)

Basic

Tag Name	20UI-2033
Model Name	PVI
Tag Comment	CHARGE STATUS
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20UI-2034 REMAINING CHARGE TIME)

Basic

Tag Name	20UI-2034
Model Name	PVI
Tag Comment	REMAINING CHARGE TIME
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (20UI-2035 AH METER %)

Basic

Tag Name	20UI-2035
Model Name	PVI
Tag Comment	AH METER %

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (FCS0101139-ST01)

Basic

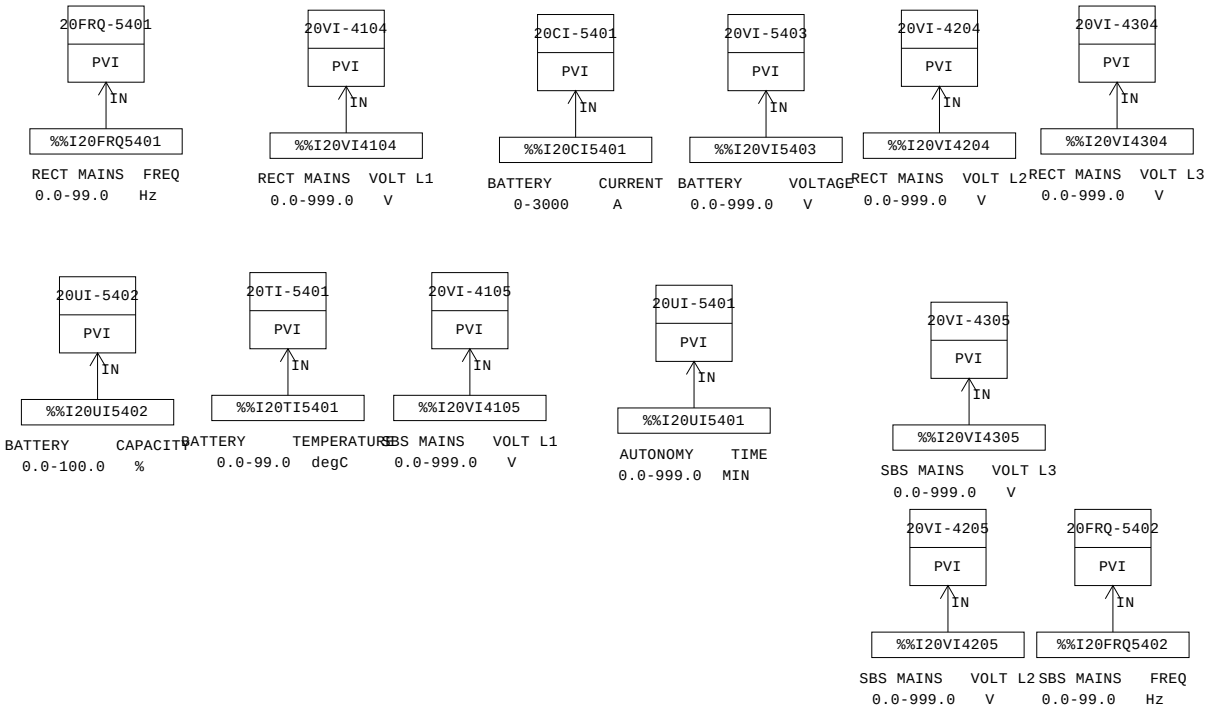
Tag Name	FCS0101139-ST01
Model Name	ST16
Tag Comment	
Lvl	4

Sequence Tables (FCS0101139-ST01)

Start Timing Periodic Execution Type(T)
Output Timing Output Each Time Conditions are Satisfied(E)
Scan Period Basic Scan
Control Period 1
Control Phase 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	Comment
C01	20XA-2031.PV	ON	HI MAINS VOLT	Y								
C02	20XA-2032.PV	ON	LO MAINS VOLT	.Y								
C03	20XA-2033.PV	ON	CHARGER FAIL	..Y								
C04	20XA-2034.PV	ON	HI BATTERY VOLT	...Y								
C05	20XA-2035.PV	ON	LO BATTERY VOLT		Y							
C06	20XA-2036.PV	ON	HI DC VOLT		.Y							
C07	20XA-2037.PV	ON	LO DC VOLT		..Y							
C08	20XA-2038.PV	ON	GROUND FLT +		...Y							
C09	20XA-2039.PV	ON	GROUND FLT -			Y						
C10	20US-2031.PV	ON	CHARGER CURR LMT			.Y						
C11	20US-2032.PV	ON	BATTERY CURR LMT			..Y						
C12	20XA-2040.PV	ON	HI CHARGER CURR			...Y						
C13	20XA-2041.PV	ON	HI BATTERY CURR				Y					
C14	20XA-2042.PV	ON	HI TEMP				.Y					
C15	20XA-2043.PV	ON	TEMP SENSOR ERROR				..Y					
C16	20XA-2044.PV	ON	INTERNAL COMM ERR				...Y					
C17	20XA-2045.PV	ON	BATTERY TEST FAIL					Y				
C18	20XA-2046.PV	ON	BATTERY TEST ABORTED					.Y				
C19	20XA-2047.PV	ON	HI BATTERY TEMP					..Y				
C20	20XA-2048.PV	ON	HI FLOAT CURR					...Y				
C21	20XA-2049.PV	ON	LONG CHARGE TIME						Y			
C22	20XA-2050.PV	ON	NO POWER SUPPLY VOLT						.Y			
C23	20XA-2051.PV	ON	BATTERY IN OPERATION						..Y			
C24	20XA-2052.PV	ON	BATTERY SYMMETRY FLT						...Y			
C25	20US-2033.PV	ON	Q1 OPEN							Y		
C26	20US-2034.PV	ON	REMOTE OFF INHIBITION							.Y		
C27	20XA-2054.PV	ON	BATTERY PROTECTION							..Y		
C28												
C29												
C30	20XA-2055.PV	ON	DISTRIBUTION FAULT								Y	
C31												
C32	20XA-2057.PV	ON	VENTILATION FAULT								.Y	
A01	20XA-2031AN.PV	L	HI MAINS VOLT	Y								
A02	20XA-2032AN.PV	L	LO MAINS VOLT	.Y								
A03	20XA-2033AN.PV	L	CHARGER FAIL	..Y								
A04	20XA-2034AN.PV	L	HI BATTERY VOLT	...Y								
A05	20XA-2035AN.PV	L	LO BATTERY VOLT		Y							
A06	20XA-2036AN.PV	L	HI DC VOLT		.Y							
A07	20XA-2037AN.PV	L	LO DC VOLT		..Y							
A08	20XA-2038AN.PV	L	GROUND FLT +		...Y							
A09	20XA-2039AN.PV	L	GROUND FLT -			Y						
A10	20US-2031AN.PV	L	CHARGER CURR LMT			.Y						
A11	20US-2032AN.PV	L	BATTERY CURR LMT			..Y						
A12	20XA-2040AN.PV	L	HI CHARGER CURR			...Y						
A13	20XA-2041AN.PV	L	HI BATTERY CURR				Y					
A14	20XA-2042AN.PV	L	HI TEMP				.Y					
A15	20XA-2043AN.PV	L	TEMP SENSOR ERROR				..Y					
A16	20XA-2044AN.PV	L	INTERNAL COMM ERR				...Y					
A17	20XA-2045AN.PV	L	BATTERY TEST FAIL					Y				
A18	20XA-2046AN.PV	L	BATTERY TEST ABORTED					.Y				
A19	20XA-2047AN.PV	L	HI BATTERY TEMP					..Y				
A20	20XA-2048AN.PV	L	HI FLOAT CURR					...Y				
A21	20XA-2049AN.PV	L	LONG CHARGE TIME						Y			
A22	20XA-2050AN.PV	L	NO POWER SUPPLY VOLT						.Y			
A23	20XA-2051AN.PV	L	BATTERY IN OPERATION						..Y			
A24	20XA-2052AN.PV	L	BATTERY SYMMETRY FLT						...Y			
A25	20US-2033AN.PV	L	Q1 OPEN							Y		
A26	20US-2034AN.PV	L	REMOTE OFF INHIBITION							.Y		
A27	20XA-2054AN.PV	L	BATTERY PROTECTION							..Y		
A28												
A29												
A30	20XA-2055AN.PV	L	DISTRIBUTION FAULT								Y	
A31												
A32	20XA-2057AN.PV	L	VENTILATION FAULT								.Y	
PREV			THEN									
NEXT			ELSE									

PROJECT:	BLPH-CW1	FILE NAME:	DR0140.edf	SHEET:		YOKOGAWA	PAGE:3-25-61-1
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:35 AM	COMMENT:	200F4 FGS UPA-A		
SECTION:	DR0140	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0140.edf	SHEET:		YOKOGAWA	PAGE:3-25-61-2
STATION:	FCS0101	SAVED DATE:	4/12/2025 2:16:35 AM	COMMENT:	200F4 FGS UPA-A		
SECTION:	DR0140	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:200F4 FGS UPA-A

No.	Tag Name	Model Name	Tag Comment		Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection			Set Value Input Connection Information		Lvl			
001	20VI-4104	PVI	RECT MAINS	VOLT L1	0.0	999.0	V	Communication Input	Hour	%%I20VI4104
							4			
002	20CI-5401	PVI	BATTERY	CURRENT	0	3000	A	Communication Input	Hour	%%I20CI5401
							4			
003	20VI-5403	PVI	BATTERY	VOLTAGE	0.0	999.0	V	Communication Input	Hour	%%I20VI5403
							4			
004	20VI-4204	PVI	RECT MAINS	VOLT L2	0.0	999.0	V	Communication Input	Hour	%%I20VI4204
							4			
005	20VI-4304	PVI	RECT MAINS	VOLT L3	0.0	999.0	V	Communication Input	Hour	%%I20VI4304
							4			
006	20FRQ-5401	PVI	RECT MAINS	FREQ	0.0	99.0	Hz	Communication Input	Hour	%%I20FRQ5401
							4			
007	20UI-5402	PVI	BATTERY	CAPACITY	0.0	100.0	%	Communication Input	Hour	%%I20UI5402
							4			
008	20TI-5401	PVI	BATTERY	TEMPERATURE	0.0	99.0	degC	Communication Input	Hour	%%I20TI5401
							4			
009	20VI-4105	PVI	SBS MAINS	VOLT L1	0.0	999.0	V	Communication Input	Hour	%%I20VI4105
							4			
010	20UI-5401	PVI	AUTONOMY	TIME	0.0	999.0	MIN	Communication Input	Hour	%%I20UI5401
							4			
011	20FRQ-5402	PVI	SBS MAINS	FREQ	0.0	99.0	Hz	Communication Input	Hour	%%I20FRQ5402
							4			
012	20VI-4205	PVI	SBS MAINS	VOLT L2	0.0	999.0	V	Communication Input	Hour	%%I20VI4205
							4			
013	20VI-4305	PVI	SBS MAINS	VOLT L3	0.0	999.0	V	Communication Input	Hour	%%I20VI4305
							4			

Tag Detail (20VI-4104 RECT MAINS VOLT L1)

Basic

Tag Name	20VI-4104
Model Name	PVI
Tag Comment	RECT MAINS VOLT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20CI-5401 BATTERY CURRENT)

Basic

Tag Name	20CI-5401
Model Name	PVI
Tag Comment	BATTERY CURRENT
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-5403 BATTERY VOLTAGE)

Basic

Tag Name	20VI-5403
Model Name	PVI
Tag Comment	BATTERY VOLTAGE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4204 RECT MAINS VOLT L2)

Basic

Tag Name	20VI-4204
Model Name	PVI
Tag Comment	RECT MAINS VOLT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4304 RECT MAINS VOLT L3)

Basic

Tag Name	20VI-4304
Model Name	PVI
Tag Comment	RECT MAINS VOLT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20FRQ-5401 RECT MAINS FREQ)

Basic

Tag Name	20FRQ-5401
Model Name	PVI
Tag Comment	RECT MAINS FREQ
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5402 BATTERY CAPACITY)

Basic

Tag Name	20UI-5402
Model Name	PVI
Tag Comment	BATTERY CAPACITY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20TI-5401 BATTERY TEMPERATURE)

Basic

Tag Name	20TI-5401
Model Name	PVI
Tag Comment	BATTERY TEMPERATURE
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4105 SBS MAINS VOLT L1)

Basic

Tag Name	20VI-4105

Model Name	PVI
Tag Comment	SBS MAINS VOLT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20UI-5401 AUTONOMY TIME)

Basic

Tag Name	20UI-5401
Model Name	PVI
Tag Comment	AUTONOMY TIME
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20FRQ-5402 SBS MAINS FREQ)

Basic

Tag Name	20FRQ-5402
Model Name	PVI
Tag Comment	SBS MAINS FREQ
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

Tag Detail (20VI-4205 SBS MAINS VOLT L2)

Basic

Tag Name	20VI-4205
Model Name	PVI
Tag Comment	SBS MAINS VOLT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

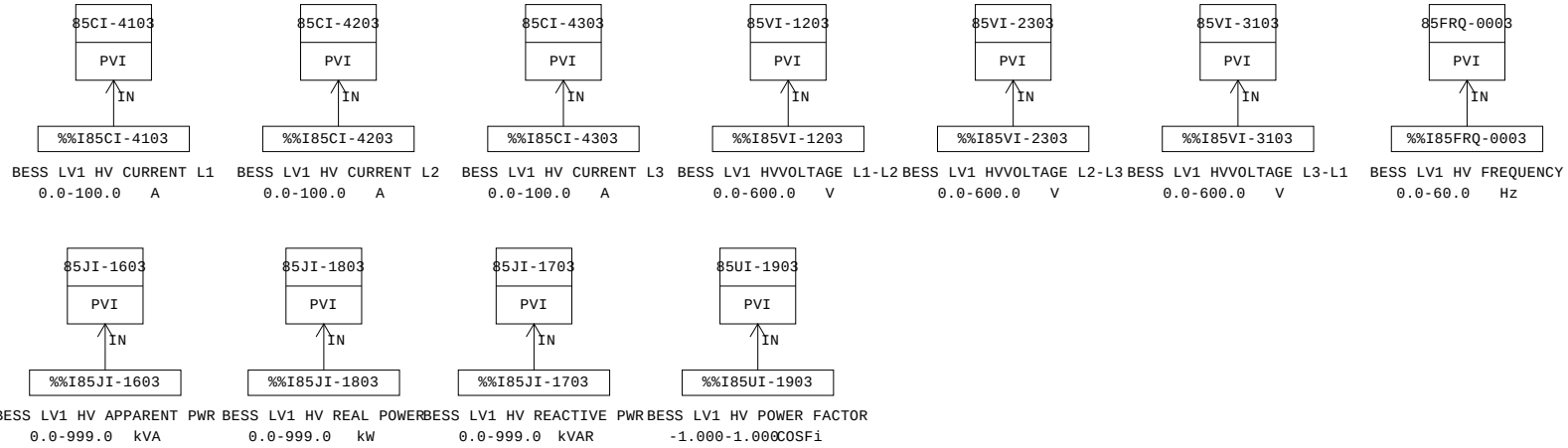
Tag Detail (20VI-4305 SBS MAINS VOLT L3)

Basic

Tag Name	20VI-4305
Model Name	PVI
Tag Comment	SBS MAINS VOLT L3

Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	Hour
Totalizer Low-Input Cut Value	0%

PROJECT:	BLPH-CW1	FILE NAME:	DR0143.edf	SHEET:		YOKOGAWA	PAGE:3-25-62-1
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:30:37 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0143	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0143.edf	SHEET:		YOKOGAWA	PAGE:3-25-62-2
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:30:37 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0143	PRINTED DATE:	9/15/2025	DRAWER:			

Smart-part object list

No.	Smart-part object name	Smart-part name	Data modification date	Object comment
001	TYP002_012	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
002	TYP002_013	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
003	TYP002_014	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
004	TYP002_015	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
005	TYP002_016	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
006	TYP002_017	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
007	TYP002_018	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
008	TYP002_022	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
009	TYP002_021	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
010	TYP002_020	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR
011	TYP002_019	TYP002	2025/02/05 04:52	PVI SUBSYSTEM INDICATOR

PROJECT:	BLPH-CW1	FILE NAME:	DR0143.edf	SHEET:		YOKOGAWA	PAGE:3-25-62-3
STATION:	FCS0101	SAVED DATE:	7/8/2025 6:30:37 AM	COMMENT:	LV SUBSYSTEM AI		
SECTION:	DR0143	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	85CI-4103	PVI	BESS LV1 HV CURRENT L1	0.0	100.0	A	Communication Input	No	%%I85CI-4103
						4			
002	85CI-4203	PVI	BESS LV1 HV CURRENT L2	0.0	100.0	A	Communication Input	No	%%I85CI-4203
						4			
003	85CI-4303	PVI	BESS LV1 HV CURRENT L3	0.0	100.0	A	Communication Input	No	%%I85CI-4303
						4			
004	85VI-1203	PVI	BESS LV1 HVVOLTAGE L1-L2	0.0	600.0	V	Communication Input	No	%%I85VI-1203
						4			
005	85VI-2303	PVI	BESS LV1 HVVOLTAGE L2-L3	0.0	600.0	V	Communication Input	No	%%I85VI-2303
						4			
006	85VI-3103	PVI	BESS LV1 HVVOLTAGE L3-L1	0.0	600.0	V	Communication Input	No	%%I85VI-3103
						4			
007	85FRQ-0003	PVI	BESS LV1 HV FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I85FRQ-0003
						4			
008	85JI-1603	PVI	BESS LV1 HV APPARENT PWR	0.0	999.0	kVA	Communication Input	No	%%I85JI-1603
						4			
009	85JI-1803	PVI	BESS LV1 HV REAL POWER	0.0	999.0	kW	Communication Input	No	%%I85JI-1803
						4			
010	85JI-1703	PVI	BESS LV1 HV REACTIVE PWR	0.0	999.0	kVAR	Communication Input	No	%%I85JI-1703
						4			
011	85UI-1903	PVI	BESS LV1 HV POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I85UI-1903
						4			

Tag Detail (85CI-4103 BESS LV1 HV CURRENT L1)

Basic

Tag Name	85CI-4103
Model Name	PVI
Tag Comment	BESS LV1 HV CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85CI-4203 BESS LV1 HV CURRENT L2)

Basic

Tag Name	85CI-4203
Model Name	PVI
Tag Comment	BESS LV1 HV CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85CI-4303 BESS LV1 HV CURRENT L3)

Basic

Tag Name	85CI-4303
Model Name	PVI
Tag Comment	BESS LV1 HV CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85VI-1203 BESS LV1 HVVOLTAGE L1-L2)

Basic

Tag Name	85VI-1203
Model Name	PVI
Tag Comment	BESS LV1 HVVOLTAGE L1-L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85VI-2303 BESS LV1 HVVOLTAGE L2-L3)

Basic

Tag Name	85VI-2303
Model Name	PVI
Tag Comment	BESS LV1 HVVOLTAGE L2-L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85VI-3103 BESS LV1 HVVOLTAGE L3-L1)

Basic

Tag Name	85VI-3103
Model Name	PVI
Tag Comment	BESS LV1 HVVOLTAGE L3-L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85FRQ-0003 BESS LV1 HV FREQUENCY)

Basic

Tag Name	85FRQ-0003
Model Name	PVI
Tag Comment	BESS LV1 HV FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85JI-1603 BESS LV1 HV APPARENT PWR)

Basic

Tag Name	85JI-1603
Model Name	PVI
Tag Comment	BESS LV1 HV APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85JI-1803 BESS LV1 HV REAL POWER)

Basic

Tag Name	85JI-1803

Model Name	PVI
Tag Comment	BESS LV1 HV REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85JI-1703 BESS LV1 HV REACTIVE PWR)

Basic

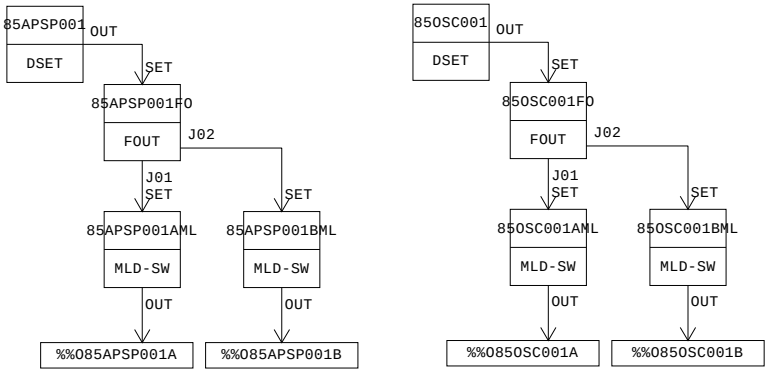
Tag Name	85JI-1703
Model Name	PVI
Tag Comment	BESS LV1 HV REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (85UI-1903 BESS LV1 HV POWER FACTOR)

Basic

Tag Name	85UI-1903
Model Name	PVI
Tag Comment	BESS LV1 HV POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0145.edf	SHEET:		YOKOGAWA	PAGE:3-25-63-1
STATION:	FCS0101	SAVED DATE:	5/21/2025 12:28:56 AM	COMMENT:	EMCS BESS MODBUS		
SECTION:	DR0145	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0145.edf	SHEET:		YOKOGAWA	PAGE:3-25-63-2
STATION:	FCS0101	SAVED DATE:	5/21/2025 12:28:56 AM	COMMENT:	EMCS BESS MODBUS		
SECTION:	DR0145	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:EMCS BESS MODBUS

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	85APSP001	DSET	BESS ACTIVE POWER SP	-1000.0	1000.0	kW			
		85APSP001FO.SET				4			
002	85APSP001FO	FOUT	BESS ACTIVE POWER SP	0	0	pH			
				85APSP001.OUT		4			
003	85APSP001BML	MLD-SW	BESS ACTIVE POWER SP B	0	0	pH			
		%%O85APSP001B		85APSP001FO.J02		4			
004	85APSP001AML	MLD-SW	BESS ACTIVE POWER SP A	0	0	kW			
		%%O85APSP001A		85APSP001FO.J01		4			
005	85OSC001	DSET	BESS OPERATING STATUS CM	0	65535	(None)			
		85OSC001FO.SET				4			
006	85OSC001FO	FOUT	BESS OPERATING STATUS CM	0	0	pH			
				85OSC001.OUT		4			
007	85OSC001BML	MLD-SW	BESS OPRTNG STATUS CMD B	0	0	(None)			
		%%O85OSC001B		85OSC001FO.J02		4			
008	85OSC001AML	MLD-SW	BESS OPRTNG STATUS CMD A	0	0	(None)			
		%%O85OSC001A		85OSC001FO.J01		4			

Tag Detail (85APSP001 BESS ACTIVE POWER SP)

Basic

Tag Name	85APSP001
Model Name	DSET
Tag Comment	BESS ACTIVE POWER SP
Lvl	4
Scan Period	Basic Scan

Tag Detail (85APSP001FO BESS ACTIVE POWER SP)

Basic

Tag Name	85APSP001FO
Model Name	FOUT
Tag Comment	BESS ACTIVE POWER SP
Lvl	4
SV Range	
High limit value	1000.0
Low limit value	-1000.0

Tag Detail (85APSP001BML BESS ACTIVE POWER SP B)

Basic

Tag Name	85APSP001BML
Model Name	MLD-SW
Tag Comment	BESS ACTIVE POWER SP B
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	1000.0
Low limit value	-1000.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (85APSP001AML BESS ACTIVE POWER SP A)

Basic

Tag Name	85APSP001AML
Model Name	MLD-SW
Tag Comment	BESS ACTIVE POWER SP A
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	1000.0
Low limit value	-1000.0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (85OSC001 BESS OPERATING STATUS CM)

Basic

Tag Name	85OSC001
Model Name	DSET
Tag Comment	BESS OPERATING STATUS CM
Lvl	4
Scan Period	Basic Scan

Tag Detail (85OSC001FO BESS OPERATING STATUS CM)

Basic

Tag Name	85OSC001FO
Model Name	FOUT
Tag Comment	BESS OPERATING STATUS CM
Lvl	4
SV Range	
High limit value	65535
Low limit value	0

Tag Detail (85OSC001BML BESS OPRTNG STATUS CMD B)

Basic

Tag Name	85OSC001BML

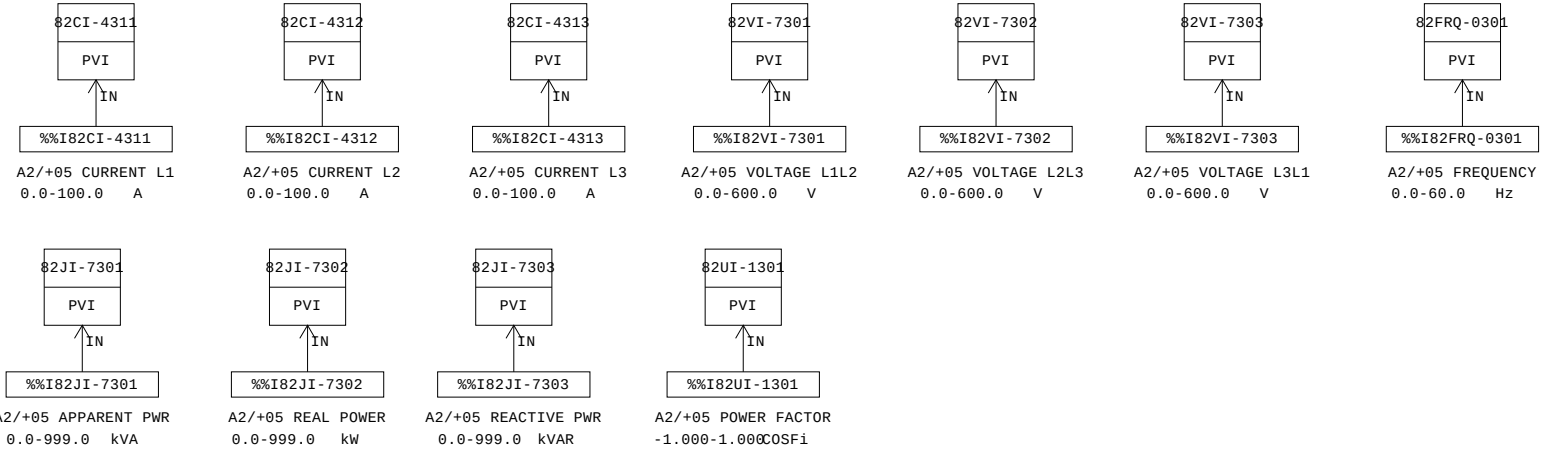
Model Name	MLD-SW
Tag Comment	BESS OPRTNG STATUS CMD B
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	65535
Low limit value	0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

Tag Detail (85OSC001AML BESS OPRTNG STATUS CMD A)

Basic

Tag Name	85OSC001AML
Model Name	MLD-SW
Tag Comment	BESS OPRTNG STATUS CMD A
Lvl	4
Scan Period	Basic Scan
SV Range	
High limit value	65535
Low limit value	0
Open/Close mark	No
Output Signal Conversion	
Output Signal Conversion	Communication Output
Data Conversion Gain	1.000
Data Conversion Bias	0.000

PROJECT:	BLPH-CW1	FILE NAME:	DR0150.edf	SHEET:		YOKOGAWA	PAGE:3-25-64-1
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:52 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0150	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0150.edf	SHEET:		YOKOGAWA	PAGE:3-25-64-2
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:52 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0150	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI SPARE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	82CI-4311	PVI	A2/+05 CURRENT L1	0.0	100.0	A	Communication Input	No	%%I82CI-4311
						4			
002	82CI-4312	PVI	A2/+05 CURRENT L2	0.0	100.0	A	Communication Input	No	%%I82CI-4312
						4			
003	82CI-4313	PVI	A2/+05 CURRENT L3	0.0	100.0	A	Communication Input	No	%%I82CI-4313
						4			
004	82VI-7301	PVI	A2/+05 VOLTAGE L1L2	0.0	600.0	V	Communication Input	No	%%I82VI-7301
						4			
005	82VI-7302	PVI	A2/+05 VOLTAGE L2L3	0.0	600.0	V	Communication Input	No	%%I82VI-7302
						4			
006	82VI-7303	PVI	A2/+05 VOLTAGE L3L1	0.0	600.0	V	Communication Input	No	%%I82VI-7303
						4			
007	82FRQ-0301	PVI	A2/+05 FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I82FRQ-0301
						4			
008	82JI-7301	PVI	A2/+05 APPARENT PWR	0.0	999.0	kVA	Communication Input	No	%%I82JI-7301
						4			
009	82JI-7302	PVI	A2/+05 REAL POWER	0.0	999.0	kW	Communication Input	No	%%I82JI-7302
						4			
010	82JI-7303	PVI	A2/+05 REACTIVE PWR	0.0	999.0	kVAR	Communication Input	No	%%I82JI-7303
						4			
011	82UI-1301	PVI	A2/+05 POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I82UI-1301
						4			

Tag Detail (82CI-4311 A2/+05 CURRENT L1)

Basic

Tag Name	82CI-4311
Model Name	PVI
Tag Comment	A2/+05 CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4312 A2/+05 CURRENT L2)

Basic

Tag Name	82CI-4312
Model Name	PVI
Tag Comment	A2/+05 CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4313 A2/+05 CURRENT L3)

Basic

Tag Name	82CI-4313
Model Name	PVI
Tag Comment	A2/+05 CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7301 A2/+05 VOLTAGE L1L2)

Basic

Tag Name	82VI-7301
Model Name	PVI
Tag Comment	A2/+05 VOLTAGE L1L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7302 A2/+05 VOLTAGE L2L3)

Basic

Tag Name	82VI-7302
Model Name	PVI
Tag Comment	A2/+05 VOLTAGE L2L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7303 A2/+05 VOLTAGE L3L1)

Basic

Tag Name	82VI-7303
Model Name	PVI
Tag Comment	A2/+05 VOLTAGE L3L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82FRQ-0301 A2/+05 FREQUENCY)

Basic

Tag Name	82FRQ-0301
Model Name	PVI
Tag Comment	A2/+05 FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7301 A2/+05 APPARENT PWR)

Basic

Tag Name	82JI-7301
Model Name	PVI
Tag Comment	A2/+05 APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7302 A2/+05 REAL POWER)

Basic

Tag Name	82JI-7302

Model Name	PVI
Tag Comment	A2/+05 REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7303 A2/+05 REACTIVE PWR)

Basic

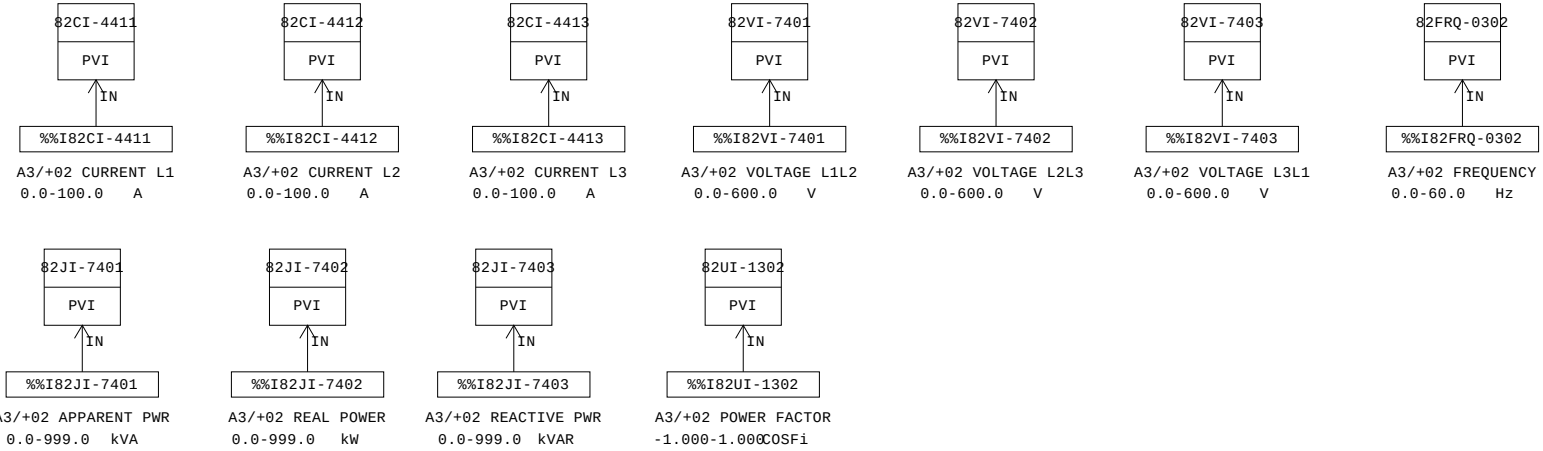
Tag Name	82JI-7303
Model Name	PVI
Tag Comment	A2/+05 REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82UI-1301 A2/+05 POWER FACTOR)

Basic

Tag Name	82UI-1301
Model Name	PVI
Tag Comment	A2/+05 POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0151.edf	SHEET:		YOKOGAWA	PAGE:3-25-65-1
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:40 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0151	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0151.edf	SHEET:		YOKOGAWA	PAGE:3-25-65-2
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:40 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0151	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI SPARE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	82CI-4411	PVI	A3/+02 CURRENT L1	0.0	100.0	A	Communication Input	No	%%I82CI-4411
						4			
002	82CI-4412	PVI	A3/+02 CURRENT L2	0.0	100.0	A	Communication Input	No	%%I82CI-4412
						4			
003	82CI-4413	PVI	A3/+02 CURRENT L3	0.0	100.0	A	Communication Input	No	%%I82CI-4413
						4			
004	82VI-7401	PVI	A3/+02 VOLTAGE L1L2	0.0	600.0	V	Communication Input	No	%%I82VI-7401
						4			
005	82VI-7402	PVI	A3/+02 VOLTAGE L2L3	0.0	600.0	V	Communication Input	No	%%I82VI-7402
						4			
006	82VI-7403	PVI	A3/+02 VOLTAGE L3L1	0.0	600.0	V	Communication Input	No	%%I82VI-7403
						4			
007	82FRQ-0302	PVI	A3/+02 FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I82FRQ-0302
						4			
008	82JI-7401	PVI	A3/+02 APPARENT PWR	0.0	999.0	kVA	Communication Input	No	%%I82JI-7401
						4			
009	82JI-7402	PVI	A3/+02 REAL POWER	0.0	999.0	kW	Communication Input	No	%%I82JI-7402
						4			
010	82JI-7403	PVI	A3/+02 REACTIVE PWR	0.0	999.0	kVAR	Communication Input	No	%%I82JI-7403
						4			
011	82UI-1302	PVI	A3/+02 POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I82UI-1302
						4			

Tag Detail (82CI-4411 A3/+02 CURRENT L1)

Basic

Tag Name	82CI-4411
Model Name	PVI
Tag Comment	A3/+02 CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4412 A3/+02 CURRENT L2)

Basic

Tag Name	82CI-4412
Model Name	PVI
Tag Comment	A3/+02 CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4413 A3/+02 CURRENT L3)

Basic

Tag Name	82CI-4413
Model Name	PVI
Tag Comment	A3/+02 CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7401 A3/+02 VOLTAGE L1L2)

Basic

Tag Name	82VI-7401
Model Name	PVI
Tag Comment	A3/+02 VOLTAGE L1L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7402 A3/+02 VOLTAGE L2L3)

Basic

Tag Name	82VI-7402
Model Name	PVI
Tag Comment	A3/+02 VOLTAGE L2L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7403 A3/+02 VOLTAGE L3L1)

Basic

Tag Name	82VI-7403
Model Name	PVI
Tag Comment	A3/+02 VOLTAGE L3L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82FRQ-0302 A3/+02 FREQUENCY)

Basic

Tag Name	82FRQ-0302
Model Name	PVI
Tag Comment	A3/+02 FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7401 A3/+02 APPARENT PWR)

Basic

Tag Name	82JI-7401
Model Name	PVI
Tag Comment	A3/+02 APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7402 A3/+02 REAL POWER)

Basic

Tag Name	82JI-7402

Model Name	PVI
Tag Comment	A3/+02 REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7403 A3/+02 REACTIVE PWR)

Basic

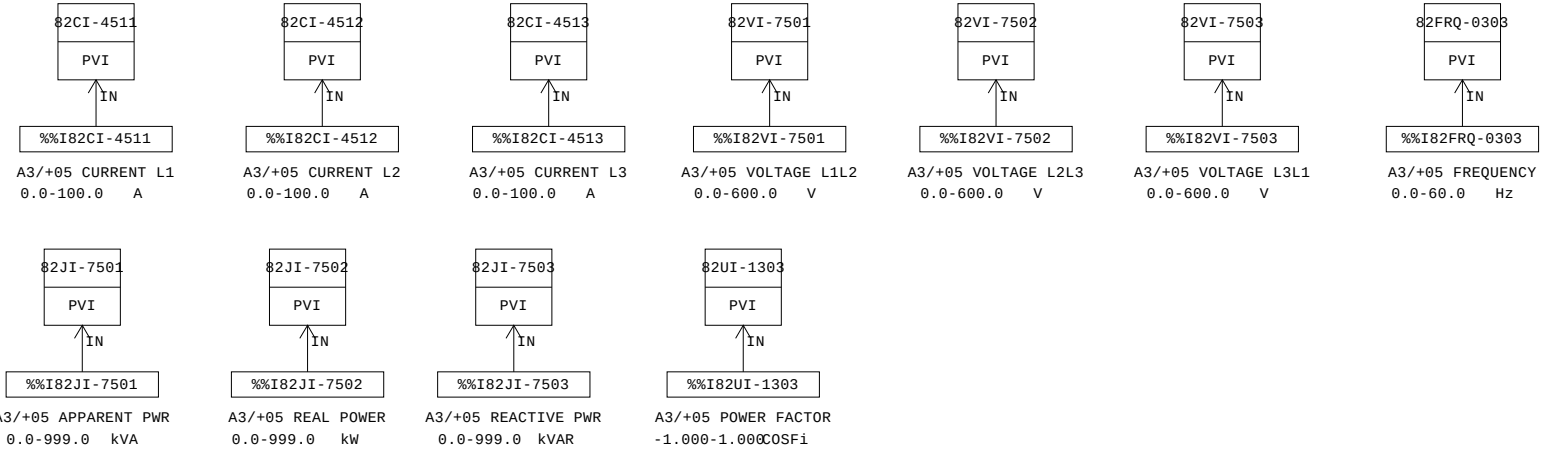
Tag Name	82JI-7403
Model Name	PVI
Tag Comment	A3/+02 REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82UI-1302 A3/+02 POWER FACTOR)

Basic

Tag Name	82UI-1302
Model Name	PVI
Tag Comment	A3/+02 POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0152.edf	SHEET:		YOKOGAWA	PAGE:3-25-66-1
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:31 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0152	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0152.edf	SHEET:		YOKOGAWA	PAGE:3-25-66-2
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:31 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0152	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI SPARE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	82CI-4511	PVI	A3/+05 CURRENT L1	0.0	100.0	A	Communication Input	No	%%I82CI-4511
						4			
002	82CI-4512	PVI	A3/+05 CURRENT L2	0.0	100.0	A	Communication Input	No	%%I82CI-4512
						4			
003	82CI-4513	PVI	A3/+05 CURRENT L3	0.0	100.0	A	Communication Input	No	%%I82CI-4513
						4			
004	82VI-7501	PVI	A3/+05 VOLTAGE L1L2	0.0	600.0	V	Communication Input	No	%%I82VI-7501
						4			
005	82VI-7502	PVI	A3/+05 VOLTAGE L2L3	0.0	600.0	V	Communication Input	No	%%I82VI-7502
						4			
006	82VI-7503	PVI	A3/+05 VOLTAGE L3L1	0.0	600.0	V	Communication Input	No	%%I82VI-7503
						4			
007	82FRQ-0303	PVI	A3/+05 FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I82FRQ-0303
						4			
008	82JI-7501	PVI	A3/+05 APPARENT PWR	0.0	999.0	kVA	Communication Input	No	%%I82JI-7501
						4			
009	82JI-7502	PVI	A3/+05 REAL POWER	0.0	999.0	kW	Communication Input	No	%%I82JI-7502
						4			
010	82JI-7503	PVI	A3/+05 REACTIVE PWR	0.0	999.0	kVAR	Communication Input	No	%%I82JI-7503
						4			
011	82UI-1303	PVI	A3/+05 POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I82UI-1303
						4			

Tag Detail (82CI-4511 A3/+05 CURRENT L1)

Basic

Tag Name	82CI-4511
Model Name	PVI
Tag Comment	A3/+05 CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4512 A3/+05 CURRENT L2)

Basic

Tag Name	82CI-4512
Model Name	PVI
Tag Comment	A3/+05 CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4513 A3/+05 CURRENT L3)

Basic

Tag Name	82CI-4513
Model Name	PVI
Tag Comment	A3/+05 CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7501 A3/+05 VOLTAGE L1L2)

Basic

Tag Name	82VI-7501
Model Name	PVI
Tag Comment	A3/+05 VOLTAGE L1L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7502 A3/+05 VOLTAGE L2L3)

Basic

Tag Name	82VI-7502
Model Name	PVI
Tag Comment	A3/+05 VOLTAGE L2L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7503 A3/+05 VOLTAGE L3L1)

Basic

Tag Name	82VI-7503
Model Name	PVI
Tag Comment	A3/+05 VOLTAGE L3L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82FRQ-0303 A3/+05 FREQUENCY)

Basic

Tag Name	82FRQ-0303
Model Name	PVI
Tag Comment	A3/+05 FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7501 A3/+05 APPARENT PWR)

Basic

Tag Name	82JI-7501
Model Name	PVI
Tag Comment	A3/+05 APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7502 A3/+05 REAL POWER)

Basic

Tag Name	82JI-7502

Model Name	PVI
Tag Comment	A3/+05 REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7503 A3/+05 REACTIVE PWR)

Basic

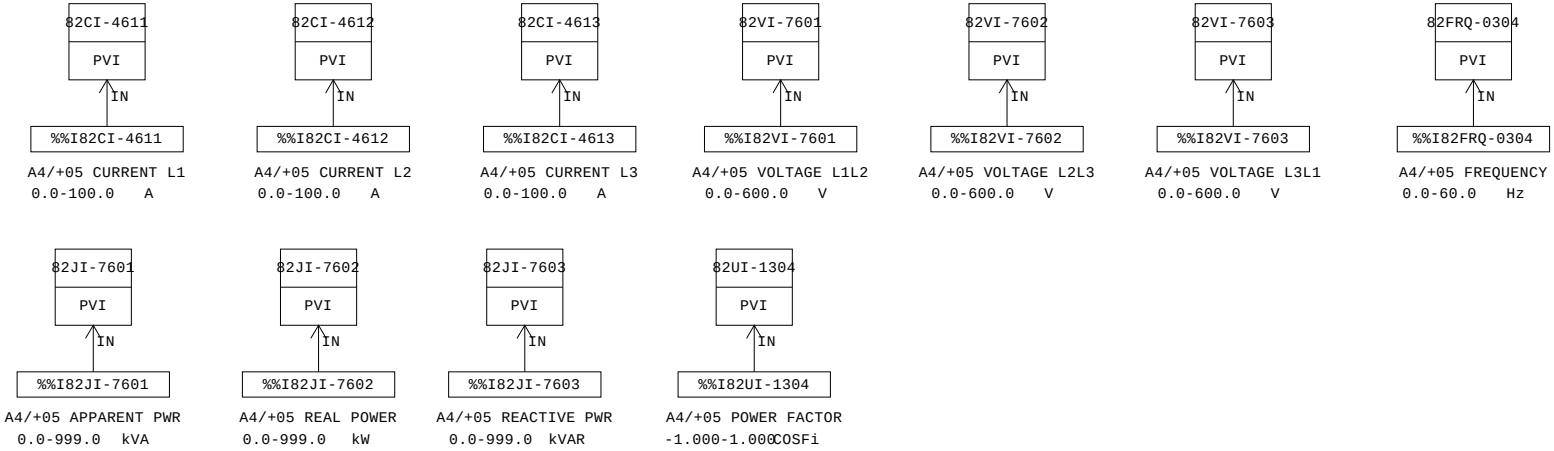
Tag Name	82JI-7503
Model Name	PVI
Tag Comment	A3/+05 REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82UI-1303 A3/+05 POWER FACTOR)

Basic

Tag Name	82UI-1303
Model Name	PVI
Tag Comment	A3/+05 POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0153.edf	SHEET:		YOKOGAWA	PAGE:3-25-67-1
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:21 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0153	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0153.edf	SHEET:		YOKOGAWA	PAGE:3-25-67-2
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:21 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0153	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI SPARE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	82CI-4611	PVI	A4/+05 CURRENT L1	0.0	100.0	A	Communication Input	No	%%I82CI-4611
						4			
002	82CI-4612	PVI	A4/+05 CURRENT L2	0.0	100.0	A	Communication Input	No	%%I82CI-4612
						4			
003	82CI-4613	PVI	A4/+05 CURRENT L3	0.0	100.0	A	Communication Input	No	%%I82CI-4613
						4			
004	82VI-7601	PVI	A4/+05 VOLTAGE L1L2	0.0	600.0	V	Communication Input	No	%%I82VI-7601
						4			
005	82VI-7602	PVI	A4/+05 VOLTAGE L2L3	0.0	600.0	V	Communication Input	No	%%I82VI-7602
						4			
006	82VI-7603	PVI	A4/+05 VOLTAGE L3L1	0.0	600.0	V	Communication Input	No	%%I82VI-7603
						4			
007	82FRQ-0304	PVI	A4/+05 FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I82FRQ-0304
						4			
008	82JI-7601	PVI	A4/+05 APPARENT PWR	0.0	999.0	kVA	Communication Input	No	%%I82JI-7601
						4			
009	82JI-7602	PVI	A4/+05 REAL POWER	0.0	999.0	kW	Communication Input	No	%%I82JI-7602
						4			
010	82JI-7603	PVI	A4/+05 REACTIVE PWR	0.0	999.0	kVAR	Communication Input	No	%%I82JI-7603
						4			
011	82UI-1304	PVI	A4/+05 POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I82UI-1304
						4			

Tag Detail (82CI-4611 A4/+05 CURRENT L1)

Basic

Tag Name	82CI-4611
Model Name	PVI
Tag Comment	A4/+05 CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4612 A4/+05 CURRENT L2)

Basic

Tag Name	82CI-4612
Model Name	PVI
Tag Comment	A4/+05 CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4613 A4/+05 CURRENT L3)

Basic

Tag Name	82CI-4613
Model Name	PVI
Tag Comment	A4/+05 CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7601 A4/+05 VOLTAGE L1L2)

Basic

Tag Name	82VI-7601
Model Name	PVI
Tag Comment	A4/+05 VOLTAGE L1L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7602 A4/+05 VOLTAGE L2L3)

Basic

Tag Name	82VI-7602
Model Name	PVI
Tag Comment	A4/+05 VOLTAGE L2L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7603 A4/+05 VOLTAGE L3L1)

Basic

Tag Name	82VI-7603
Model Name	PVI
Tag Comment	A4/+05 VOLTAGE L3L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82FRQ-0304 A4/+05 FREQUENCY)

Basic

Tag Name	82FRQ-0304
Model Name	PVI
Tag Comment	A4/+05 FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7601 A4/+05 APPARENT PWR)

Basic

Tag Name	82JI-7601
Model Name	PVI
Tag Comment	A4/+05 APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7602 A4/+05 REAL POWER)

Basic

Tag Name	82JI-7602

Model Name	PVI
Tag Comment	A4/+05 REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7603 A4/+05 REACTIVE PWR)

Basic

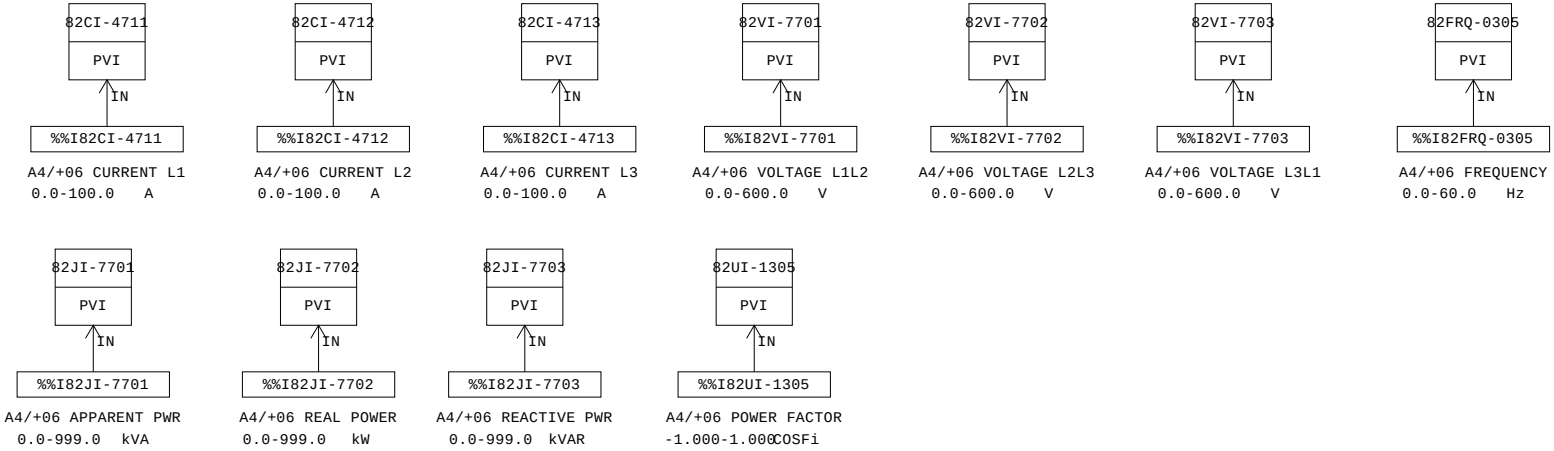
Tag Name	82JI-7603
Model Name	PVI
Tag Comment	A4/+05 REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82UI-1304 A4/+05 POWER FACTOR)

Basic

Tag Name	82UI-1304
Model Name	PVI
Tag Comment	A4/+05 POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0154.edf	SHEET:		YOKOGAWA	PAGE:3-25-68-1
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:11 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0154	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0154.edf	SHEET:		YOKOGAWA	PAGE:3-25-68-2
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:11 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0154	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI SPARE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	82CI-4711	PVI	A4/+06 CURRENT L1	0.0	100.0	A	Communication Input	No	%%I82CI-4711
						4			
002	82CI-4712	PVI	A4/+06 CURRENT L2	0.0	100.0	A	Communication Input	No	%%I82CI-4712
						4			
003	82CI-4713	PVI	A4/+06 CURRENT L3	0.0	100.0	A	Communication Input	No	%%I82CI-4713
						4			
004	82VI-7701	PVI	A4/+06 VOLTAGE L1L2	0.0	600.0	V	Communication Input	No	%%I82VI-7701
						4			
005	82VI-7702	PVI	A4/+06 VOLTAGE L2L3	0.0	600.0	V	Communication Input	No	%%I82VI-7702
						4			
006	82VI-7703	PVI	A4/+06 VOLTAGE L3L1	0.0	600.0	V	Communication Input	No	%%I82VI-7703
						4			
007	82FRQ-0305	PVI	A4/+06 FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I82FRQ-0305
						4			
008	82JI-7701	PVI	A4/+06 APPARENT PWR	0.0	999.0	kVA	Communication Input	No	%%I82JI-7701
						4			
009	82JI-7702	PVI	A4/+06 REAL POWER	0.0	999.0	kW	Communication Input	No	%%I82JI-7702
						4			
010	82JI-7703	PVI	A4/+06 REACTIVE PWR	0.0	999.0	kVAR	Communication Input	No	%%I82JI-7703
						4			
011	82UI-1305	PVI	A4/+06 POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I82UI-1305
						4			

Tag Detail (82CI-4711 A4/+06 CURRENT L1)

Basic

Tag Name	82CI-4711
Model Name	PVI
Tag Comment	A4/+06 CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4712 A4/+06 CURRENT L2)

Basic

Tag Name	82CI-4712
Model Name	PVI
Tag Comment	A4/+06 CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4713 A4/+06 CURRENT L3)

Basic

Tag Name	82CI-4713
Model Name	PVI
Tag Comment	A4/+06 CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7701 A4/+06 VOLTAGE L1L2)

Basic

Tag Name	82VI-7701
Model Name	PVI
Tag Comment	A4/+06 VOLTAGE L1L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7702 A4/+06 VOLTAGE L2L3)

Basic

Tag Name	82VI-7702
Model Name	PVI
Tag Comment	A4/+06 VOLTAGE L2L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7703 A4/+06 VOLTAGE L3L1)

Basic

Tag Name	82VI-7703
Model Name	PVI
Tag Comment	A4/+06 VOLTAGE L3L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82FRQ-0305 A4/+06 FREQUENCY)

Basic

Tag Name	82FRQ-0305
Model Name	PVI
Tag Comment	A4/+06 FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7701 A4/+06 APPARENT PWR)

Basic

Tag Name	82JI-7701
Model Name	PVI
Tag Comment	A4/+06 APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7702 A4/+06 REAL POWER)

Basic

Tag Name	82JI-7702

Model Name	PVI
Tag Comment	A4/+06 REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7703 A4/+06 REACTIVE PWR)

Basic

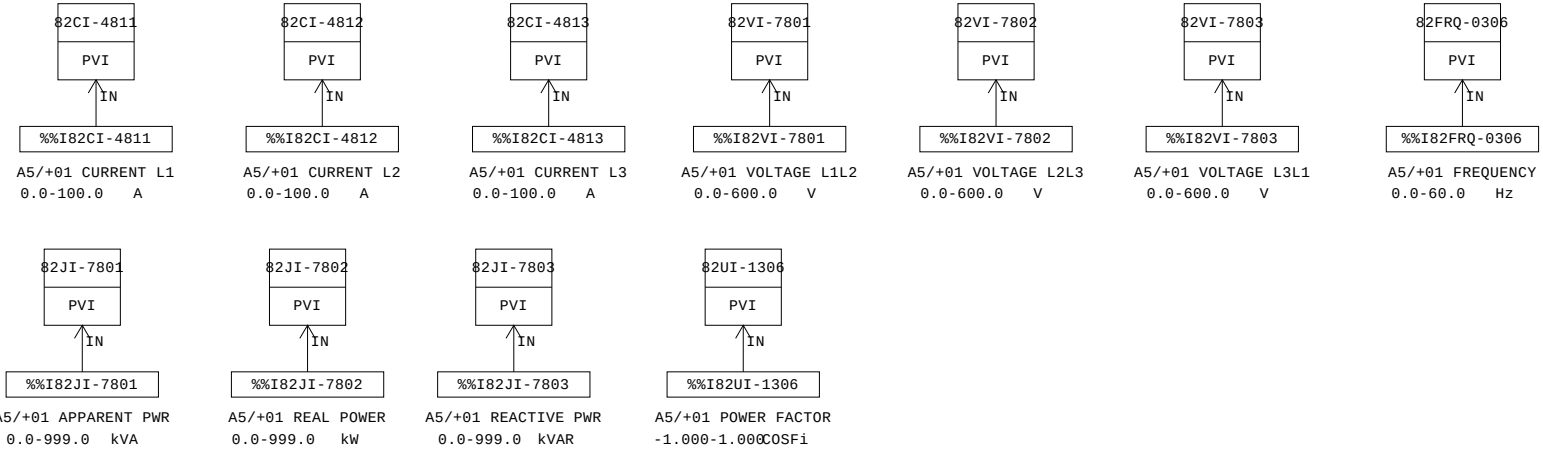
Tag Name	82JI-7703
Model Name	PVI
Tag Comment	A4/+06 REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82UI-1305 A4/+06 POWER FACTOR)

Basic

Tag Name	82UI-1305
Model Name	PVI
Tag Comment	A4/+06 POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0155.edf	SHEET:		YOKOGAWA	PAGE:3-25-69-1
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:01 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0155	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0155.edf	SHEET:		YOKOGAWA	PAGE:3-25-69-2
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:40:01 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0155	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI SPARE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	82CI-4811	PVI	A5/+01 CURRENT L1	0.0	100.0	A	Communication Input	No	%%I82CI-4811
						4			
002	82CI-4812	PVI	A5/+01 CURRENT L2	0.0	100.0	A	Communication Input	No	%%I82CI-4812
						4			
003	82CI-4813	PVI	A5/+01 CURRENT L3	0.0	100.0	A	Communication Input	No	%%I82CI-4813
						4			
004	82VI-7801	PVI	A5/+01 VOLTAGE L1L2	0.0	600.0	V	Communication Input	No	%%I82VI-7801
						4			
005	82VI-7802	PVI	A5/+01 VOLTAGE L2L3	0.0	600.0	V	Communication Input	No	%%I82VI-7802
						4			
006	82VI-7803	PVI	A5/+01 VOLTAGE L3L1	0.0	600.0	V	Communication Input	No	%%I82VI-7803
						4			
007	82FRQ-0306	PVI	A5/+01 FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I82FRQ-0306
						4			
008	82JI-7801	PVI	A5/+01 APPARENT PWR	0.0	999.0	kVA	Communication Input	No	%%I82JI-7801
						4			
009	82JI-7802	PVI	A5/+01 REAL POWER	0.0	999.0	kW	Communication Input	No	%%I82JI-7802
						4			
010	82JI-7803	PVI	A5/+01 REACTIVE PWR	0.0	999.0	kVAR	Communication Input	No	%%I82JI-7803
						4			
011	82UI-1306	PVI	A5/+01 POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I82UI-1306
						4			

Tag Detail (82CI-4811 A5/+01 CURRENT L1)

Basic

Tag Name	82CI-4811
Model Name	PVI
Tag Comment	A5/+01 CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4812 A5/+01 CURRENT L2)

Basic

Tag Name	82CI-4812
Model Name	PVI
Tag Comment	A5/+01 CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4813 A5/+01 CURRENT L3)

Basic

Tag Name	82CI-4813
Model Name	PVI
Tag Comment	A5/+01 CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7801 A5/+01 VOLTAGE L1L2)

Basic

Tag Name	82VI-7801
Model Name	PVI
Tag Comment	A5/+01 VOLTAGE L1L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7802 A5/+01 VOLTAGE L2L3)

Basic

Tag Name	82VI-7802
Model Name	PVI
Tag Comment	A5/+01 VOLTAGE L2L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7803 A5/+01 VOLTAGE L3L1)

Basic

Tag Name	82VI-7803
Model Name	PVI
Tag Comment	A5/+01 VOLTAGE L3L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82FRQ-0306 A5/+01 FREQUENCY)

Basic

Tag Name	82FRQ-0306
Model Name	PVI
Tag Comment	A5/+01 FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7801 A5/+01 APPARENT PWR)

Basic

Tag Name	82JI-7801
Model Name	PVI
Tag Comment	A5/+01 APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7802 A5/+01 REAL POWER)

Basic

Tag Name	82JI-7802

Model Name	PVI
Tag Comment	A5/+01 REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7803 A5/+01 REACTIVE PWR)

Basic

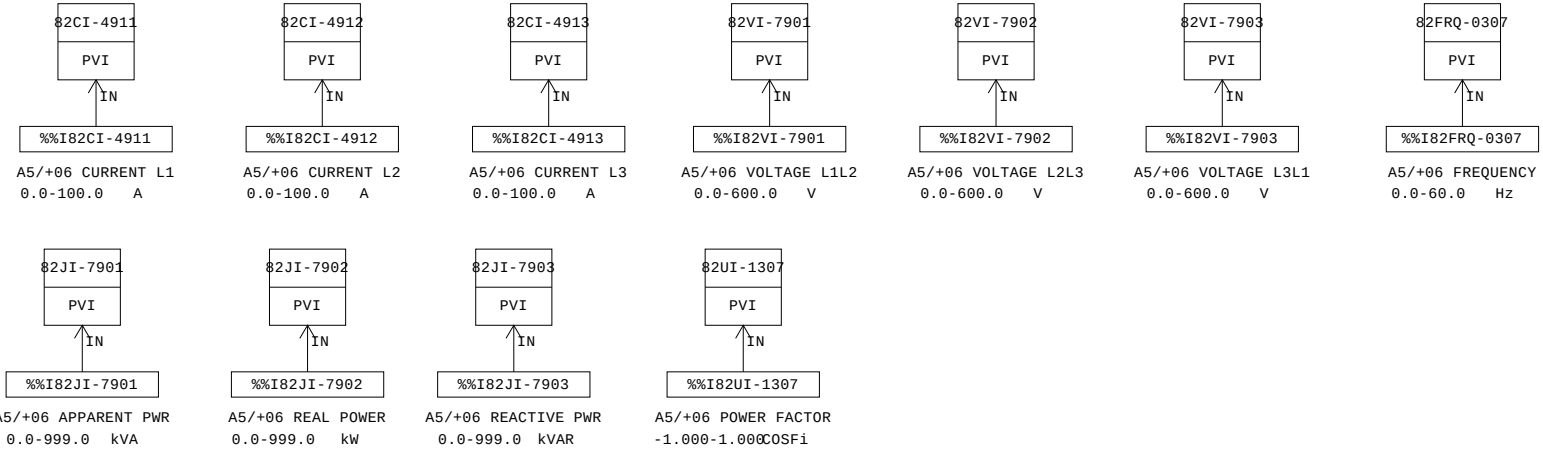
Tag Name	82JI-7803
Model Name	PVI
Tag Comment	A5/+01 REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82UI-1306 A5/+01 POWER FACTOR)

Basic

Tag Name	82UI-1306
Model Name	PVI
Tag Comment	A5/+01 POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0156.edf	SHEET:		YOKOGAWA	PAGE:3-25-70-1
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:39:51 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0156	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0156.edf	SHEET:		YOKOGAWA	PAGE:3-25-70-2
STATION:	FCS0101	SAVED DATE:	4/15/2025 11:39:51 PM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0156	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI SPARE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	82CI-4911	PVI	A5/+06 CURRENT L1	0.0	100.0	A	Communication Input	No	%%I82CI-4911
						4			
002	82CI-4912	PVI	A5/+06 CURRENT L2	0.0	100.0	A	Communication Input	No	%%I82CI-4912
						4			
003	82CI-4913	PVI	A5/+06 CURRENT L3	0.0	100.0	A	Communication Input	No	%%I82CI-4913
						4			
004	82VI-7901	PVI	A5/+06 VOLTAGE L1L2	0.0	600.0	V	Communication Input	No	%%I82VI-7901
						4			
005	82VI-7902	PVI	A5/+06 VOLTAGE L2L3	0.0	600.0	V	Communication Input	No	%%I82VI-7902
						4			
006	82VI-7903	PVI	A5/+06 VOLTAGE L3L1	0.0	600.0	V	Communication Input	No	%%I82VI-7903
						4			
007	82FRQ-0307	PVI	A5/+06 FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I82FRQ-0307
						4			
008	82JI-7901	PVI	A5/+06 APPARENT PWR	0.0	999.0	kVA	Communication Input	No	%%I82JI-7901
						4			
009	82JI-7902	PVI	A5/+06 REAL POWER	0.0	999.0	kW	Communication Input	No	%%I82JI-7902
						4			
010	82JI-7903	PVI	A5/+06 REACTIVE PWR	0.0	999.0	kVAR	Communication Input	No	%%I82JI-7903
						4			
011	82UI-1307	PVI	A5/+06 POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I82UI-1307
						4			

Tag Detail (82CI-4911 A5/+06 CURRENT L1)

Basic

Tag Name	82CI-4911
Model Name	PVI
Tag Comment	A5/+06 CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4912 A5/+06 CURRENT L2)

Basic

Tag Name	82CI-4912
Model Name	PVI
Tag Comment	A5/+06 CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-4913 A5/+06 CURRENT L3)

Basic

Tag Name	82CI-4913
Model Name	PVI
Tag Comment	A5/+06 CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7901 A5/+06 VOLTAGE L1L2)

Basic

Tag Name	82VI-7901
Model Name	PVI
Tag Comment	A5/+06 VOLTAGE L1L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7902 A5/+06 VOLTAGE L2L3)

Basic

Tag Name	82VI-7902
Model Name	PVI
Tag Comment	A5/+06 VOLTAGE L2L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7903 A5/+06 VOLTAGE L3L1)

Basic

Tag Name	82VI-7903
Model Name	PVI
Tag Comment	A5/+06 VOLTAGE L3L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82FRQ-0307 A5/+06 FREQUENCY)

Basic

Tag Name	82FRQ-0307
Model Name	PVI
Tag Comment	A5/+06 FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7901 A5/+06 APPARENT PWR)

Basic

Tag Name	82JI-7901
Model Name	PVI
Tag Comment	A5/+06 APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7902 A5/+06 REAL POWER)

Basic

Tag Name	82JI-7902

Model Name	PVI
Tag Comment	A5/+06 REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7903 A5/+06 REACTIVE PWR)

Basic

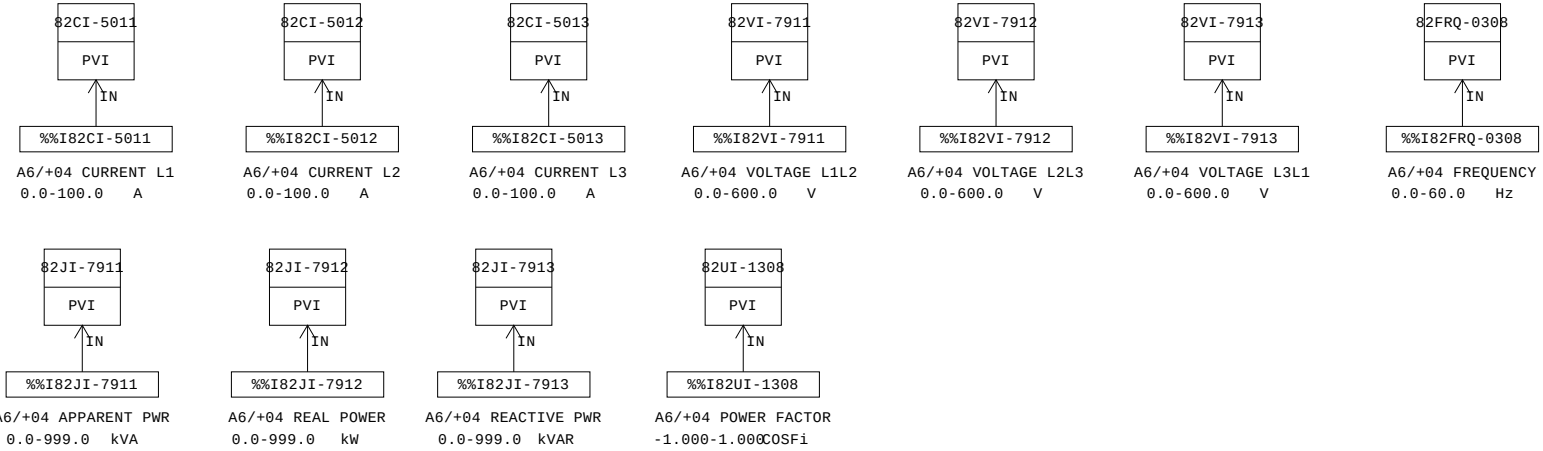
Tag Name	82JI-7903
Model Name	PVI
Tag Comment	A5/+06 REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82UI-1307 A5/+06 POWER FACTOR)

Basic

Tag Name	82UI-1307
Model Name	PVI
Tag Comment	A5/+06 POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

PROJECT:	BLPH-CW1	FILE NAME:	DR0157.edf	SHEET:		YOKOGAWA	PAGE:3-25-71-1
STATION:	FCS0101	SAVED DATE:	4/28/2025 6:11:24 AM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0157	PRINTED DATE:	9/15/2025	DRAWER:			



PROJECT:	BLPH-CW1	FILE NAME:	DR0157.edf	SHEET:		YOKOGAWA	PAGE:3-25-71-2
STATION:	FCS0101	SAVED DATE:	4/28/2025 6:11:24 AM	COMMENT:	LV SUBSYSTEM AI SPARE		
SECTION:	DR0157	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LV SUBSYSTEM AI SPARE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value	Input Connection Information	Lvl			
001	82CI-5011	PVI	A6/+04 CURRENT L1	0.0	100.0	A	Communication Input	No	%%I82CI-5011
						4			
002	82CI-5012	PVI	A6/+04 CURRENT L2	0.0	100.0	A	Communication Input	No	%%I82CI-5012
						4			
003	82CI-5013	PVI	A6/+04 CURRENT L3	0.0	100.0	A	Communication Input	No	%%I82CI-5013
						4			
004	82VI-7911	PVI	A6/+04 VOLTAGE L1L2	0.0	600.0	V	Communication Input	No	%%I82VI-7911
						4			
005	82VI-7912	PVI	A6/+04 VOLTAGE L2L3	0.0	600.0	V	Communication Input	No	%%I82VI-7912
						4			
006	82VI-7913	PVI	A6/+04 VOLTAGE L3L1	0.0	600.0	V	Communication Input	No	%%I82VI-7913
						4			
007	82FRQ-0308	PVI	A6/+04 FREQUENCY	0.0	60.0	Hz	Communication Input	No	%%I82FRQ-0308
						4			
008	82JI-7911	PVI	A6/+04 APPARENT PWR	0.0	999.0	kVA	Communication Input	No	%%I82JI-7911
						4			
009	82JI-7912	PVI	A6/+04 REAL POWER	0.0	999.0	kW	Communication Input	No	%%I82JI-7912
						4			
010	82JI-7913	PVI	A6/+04 REACTIVE PWR	0.0	999.0	kVAR	Communication Input	No	%%I82JI-7913
						4			
011	82UI-1308	PVI	A6/+04 POWER FACTOR	-1.000	1.000	COSFi	Communication Input	No	%%I82UI-1308
						4			

Tag Detail (82CI-5011 A6/+04 CURRENT L1)

Basic

Tag Name	82CI-5011
Model Name	PVI
Tag Comment	A6/+04 CURRENT L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-5012 A6/+04 CURRENT L2)

Basic

Tag Name	82CI-5012
Model Name	PVI
Tag Comment	A6/+04 CURRENT L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82CI-5013 A6/+04 CURRENT L3)

Basic

Tag Name	82CI-5013
Model Name	PVI
Tag Comment	A6/+04 CURRENT L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7911 A6/+04 VOLTAGE L1L2)

Basic

Tag Name	82VI-7911
Model Name	PVI
Tag Comment	A6/+04 VOLTAGE L1L2
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7912 A6/+04 VOLTAGE L2L3)

Basic

Tag Name	82VI-7912
Model Name	PVI
Tag Comment	A6/+04 VOLTAGE L2L3
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82VI-7913 A6/+04 VOLTAGE L3L1)

Basic

Tag Name	82VI-7913
Model Name	PVI
Tag Comment	A6/+04 VOLTAGE L3L1
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82FRQ-0308 A6/+04 FREQUENCY)

Basic

Tag Name	82FRQ-0308
Model Name	PVI
Tag Comment	A6/+04 FREQUENCY
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.01
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7911 A6/+04 APPARENT PWR)

Basic

Tag Name	82JI-7911
Model Name	PVI
Tag Comment	A6/+04 APPARENT PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7912 A6/+04 REAL POWER)

Basic

Tag Name	82JI-7912

Model Name	PVI
Tag Comment	A6/+04 REAL POWER
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (82JI-7913 A6/+04 REACTIVE PWR)

Basic

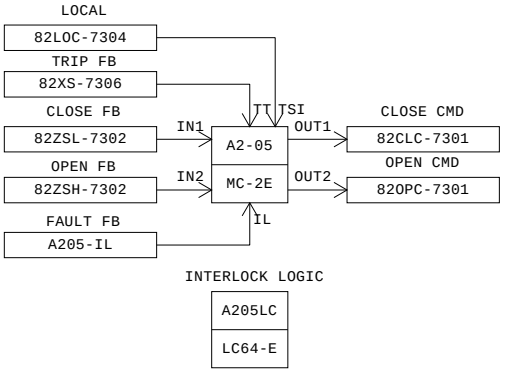
Tag Name	82JI-7913
Model Name	PVI
Tag Comment	A6/+04 REACTIVE PWR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.1
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

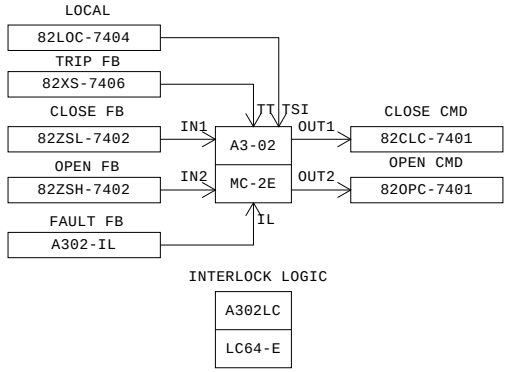
Tag Detail (82UI-1308 A6/+04 POWER FACTOR)

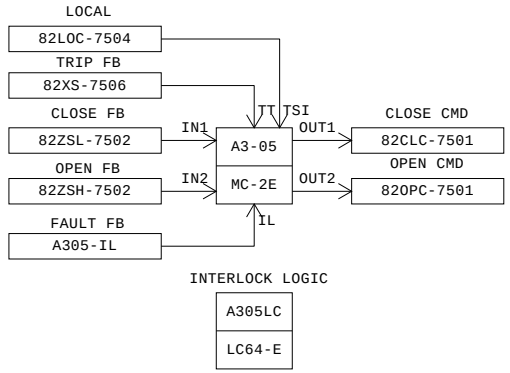
Basic

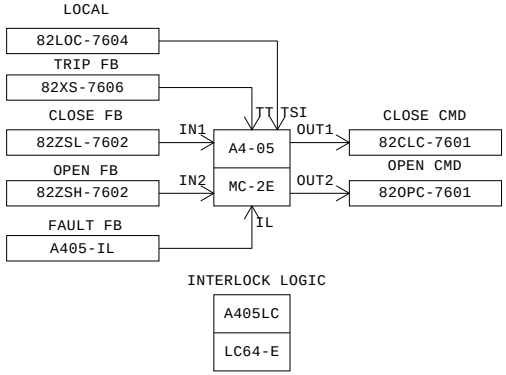
Tag Name	82UI-1308
Model Name	PVI
Tag Comment	A6/+04 POWER FACTOR
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	Communication Input
Data Conversion Gain	0.001
Data Conversion Bias	0.000
Input High Limit Detection Set Value	106.25
Input Low Limit Detection Set Value	-6.25
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

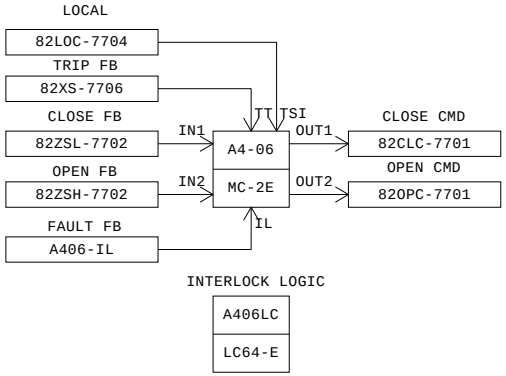
PROJECT:	BLPH-CW1	FILE NAME:	DR0161.edf	SHEET:		YOKOGAWA	PAGE:3-25-72-1
STATION:	FCS0101	SAVED DATE:	5/9/2025 5:04:33 AM	COMMENT:	LVSWGR CB SPARE		
SECTION:	DR0161	PRINTED DATE:	9/15/2025	DRAWER:			

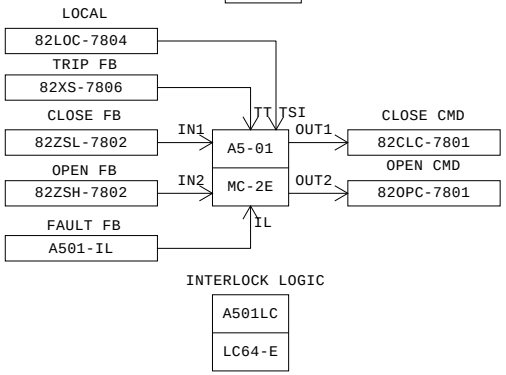


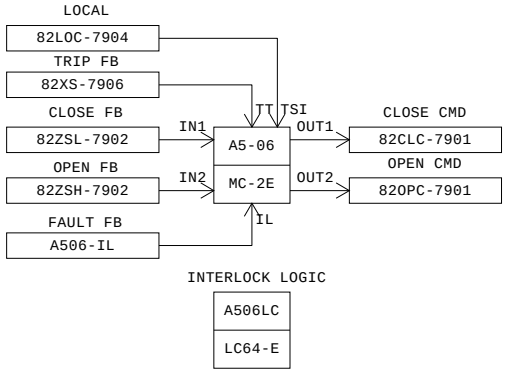


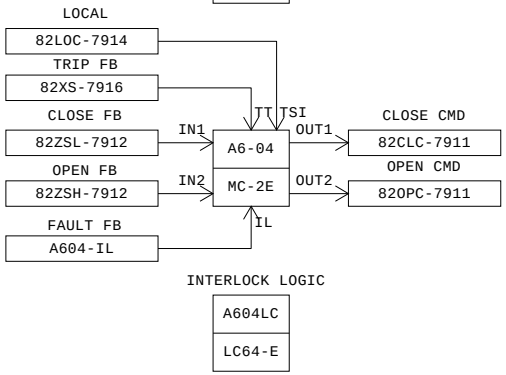












PROJECT:	BLPH-CW1	FILE NAME:	DR0161.edf	SHEET:		YOKOGAWA	PAGE:3-25-72-2
STATION:	FCS0101	SAVED DATE:	5/9/2025 5:04:33 AM	COMMENT:	LVSWGR CB SPARE		
SECTION:	DR0161	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:LVSWGR CB SPARE

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	A205LC	LC64-E		0	0				
						4			
002	A2-05	MC-2E	A2/+05 SPARE	0.0	100.0	%	3-position Status Input		
						3			
003	A302LC	LC64-E		0	0				
						4			
004	A3-02	MC-2E	A3/+02 SPARE	0.0	100.0	%	3-position Status Input		
						3			
005	A305LC	LC64-E		0	0				
						4			
006	A3-05	MC-2E	A3/+05 SPARE	0.0	100.0	%	3-position Status Input		
						3			
007	A405LC	LC64-E		0	0				
						4			
008	A4-05	MC-2E	A4/+05 SPARE	0.0	100.0	%	3-position Status Input		
						3			
009	A406LC	LC64-E		0	0				
						4			
010	A4-06	MC-2E	A4/+06 SPARE	0.0	100.0	%	3-position Status Input		
						3			
011	A501LC	LC64-E		0	0				
						4			
012	A5-01	MC-2E	A5/+01 SPARE	0.0	100.0	%	3-position Status Input		
						3			
013	A506LC	LC64-E		0	0				
						4			
014	A5-06	MC-2E	A5/+06 SPARE	0.0	100.0	%	3-position Status Input		
						3			
015	A604LC	LC64-E		0	0				
						4			
016	A6-04	MC-2E	A6/+04 SPARE	0.0	100.0	%	3-position Status Input		
						3			

Tag Detail (A205LC)

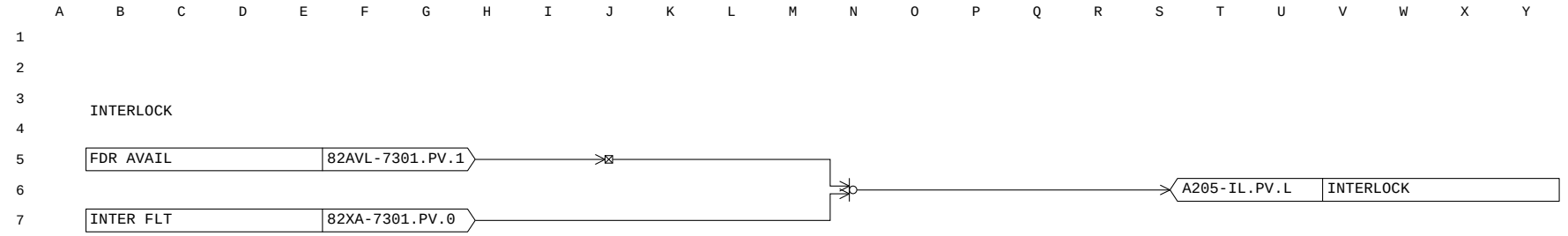
Basic

Tag Name	A205LC
Model Name	LC64-E
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	A205LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-72-4
STATION:	FCS0101	SAVED DATE:	4/17/2025 12:18:48 AM	COMMENT:			
SECTION:	DR0161	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (A205LC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (A2-05 A2/+05 SPARE)

Basic

Tag Name	A2-05
Model Name	MC-2E
Tag Comment	A2/+05 SPARE
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (A302LC)

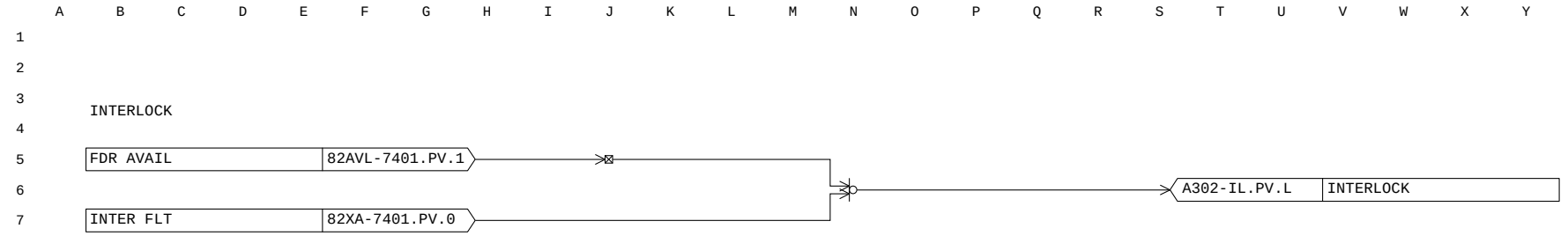
Basic

Tag Name	A302LC
Model Name	LC64-E
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	A302LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-72-6
STATION:	FCS0101	SAVED DATE:	4/17/2025 12:18:48 AM	COMMENT:			
SECTION:	DR0161	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (A302LC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (A3-02 A3/+02 SPARE)

Basic

Tag Name	A3-02
Model Name	MC-2E
Tag Comment	A3/+02 SPARE
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (A305LC)

Basic

Tag Name	A305LC
Model Name	LC64-E
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	A305LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-72-8
STATION:	FCS0101	SAVED DATE:	4/17/2025 12:18:48 AM	COMMENT:			
SECTION:	DR0161	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (A305LC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1
2
3
INTERLOCK
4
5 FDR AVAIL | 82AVL-7501.PV.1
6 A305-IL.PV.L | INTERLOCK
7 INTER FLT | 82XA-7501.PV.0
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32

Tag Detail (A3-05 A3/+05 SPARE)

Basic

Tag Name	A3-05
Model Name	MC-2E
Tag Comment	A3/+05 SPARE
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (A405LC)

Basic

Tag Name	A405LC
Model Name	LC64-E
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	A405LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-72-10
STATION:	FCS0101	SAVED DATE:	4/17/2025 12:22:06 AM	COMMENT:			
SECTION:	DR0161	PRINTED DATE:	9/15/2025	DRAWER:			

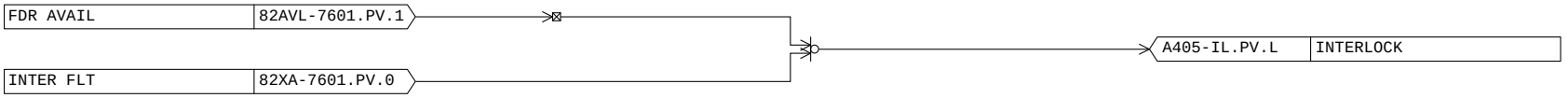
Logic Chart (A405LC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

INTERLOCK



Tag Detail (A4-05 A4/+05 SPARE)

Basic

Tag Name	A4-05
Model Name	MC-2E
Tag Comment	A4/+05 SPARE
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (A406LC)

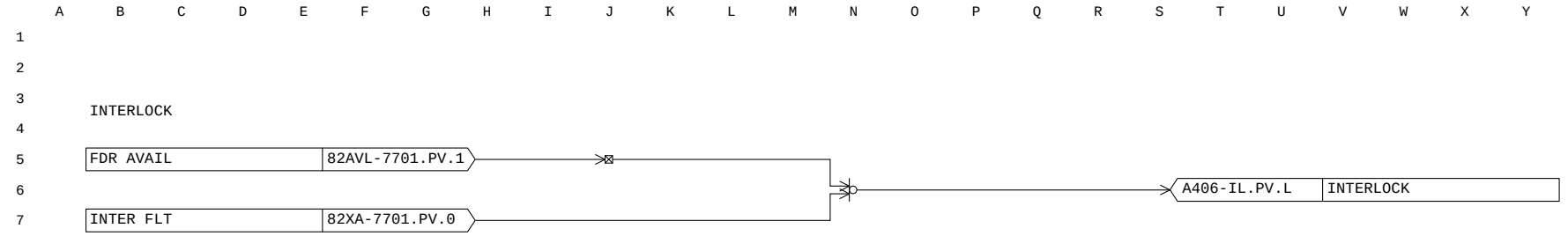
Basic

Tag Name	A406LC
Model Name	LC64-E
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	A406LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-72-12
STATION:	FCS0101	SAVED DATE:	4/17/2025 12:24:39 AM	COMMENT:			
SECTION:	DR0161	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (A406LC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (A4-06 A4/+06 SPARE)

Basic

Tag Name	A4-06
Model Name	MC-2E
Tag Comment	A4/+06 SPARE
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (A501LC)

Basic

Tag Name	A501LC
Model Name	LC64-E
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	A501LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-72-14
STATION:	FCS0101	SAVED DATE:	4/17/2025 12:27:36 AM	COMMENT:			
SECTION:	DR0161	PRINTED DATE:	9/15/2025	DRAWER:			

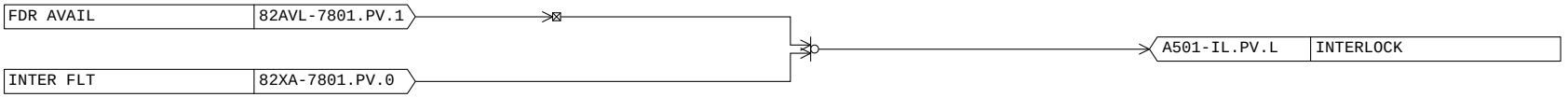
Logic Chart (A501LC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

INTERLOCK



Tag Detail (A5-01 A5/+01 SPARE)

Basic

Tag Name	A5-01
Model Name	MC-2E
Tag Comment	A5/+01 SPARE
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (A506LC)

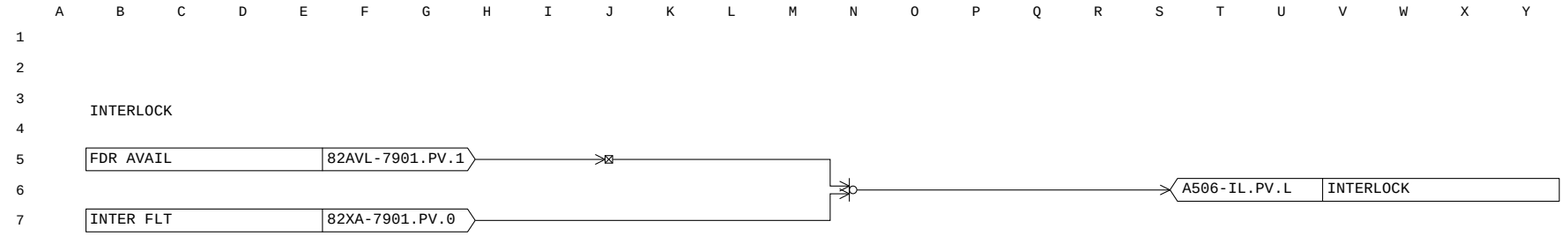
Basic

Tag Name	A506LC
Model Name	LC64-E
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	A506LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-72-16
STATION:	FCS0101	SAVED DATE:	4/17/2025 12:32:08 AM	COMMENT:			
SECTION:	DR0161	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (A506LC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



Tag Detail (A5-06 A5/+06 SPARE)

Basic

Tag Name	A5-06
Model Name	MC-2E
Tag Comment	A5/+06 SPARE
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

Tag Detail (A604LC)

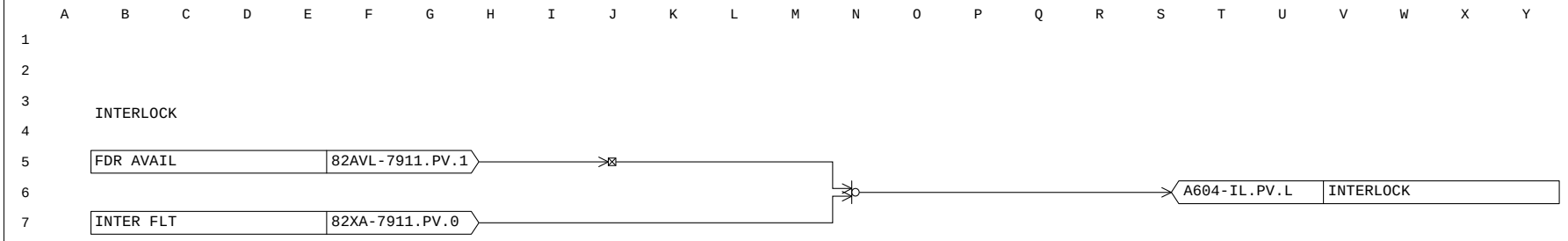
Basic

Tag Name	A604LC
Model Name	LC64-E
Tag Comment	
Lvl	4

PROJECT:	BLPH-CW1	FILE NAME:	A604LC.edf	SHEET:		YOKOGAWA	PAGE:3-25-72-18
STATION:	FCS0101	SAVED DATE:	4/17/2025 12:33:51 AM	COMMENT:			
SECTION:	DR0161	PRINTED DATE:	9/15/2025	DRAWER:			

Logic Chart (A604LC)

Start Timing	Periodic Execution Type(T)
Scan Period	Basic Scan
Control Period	1
Control Phase	0
Execution Order	Matrix Order
Direct Direction Wiring	————
Reverse Direction Wiring	————————



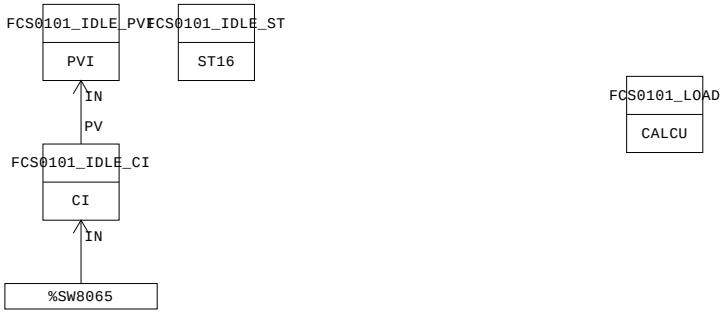
Tag Detail (A6-04 A6/+04 SPARE)

Basic

Tag Name	A6-04
Model Name	MC-2E
Tag Comment	A6/+04 SPARE
Lvl	3
Scan Period	Basic Scan
Switch Position Label	OPEN,,CLOSE,OPEN
Label	Reverse
Input Signal Conversion	
Input Signal Conversion	3-position Status Input
Direction of Answerback	Direct

PROJECT:	BLPH-CW1	FILE NAME:	DR0200.edf	SHEET:		YOKOGAWA	PAGE:3-25-73-1
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:16:17 AM	COMMENT:	FCS IDLE TIME		
SECTION:	DR0200	PRINTED DATE:	9/15/2025	DRAWER:			

FCS IDLE TIME



PROJECT:	BLPH-CW1	FILE NAME:	DR0200.edf	SHEET:		YOKOGAWA	PAGE:3-25-73-2
STATION:	FCS0101	SAVED DATE:	4/26/2025 8:16:17 AM	COMMENT:	FCS IDLE TIME		
SECTION:	DR0200	PRINTED DATE:	9/15/2025	DRAWER:			

Function Block Overview Definition

Comment:FCS IDLE TIME

No.	Tag Name	Model Name	Tag Comment	Scale Low Limit	Scale High Limit	Engineering Unit Symbol	Input Signal Conversion	Totalizer Time Unit	Input Connection Information
		Output Connection		Set Value Input Connection Information		Lvl			
001	FCS0101_IDLE_CI	CI	FCS0501 IDLE TIME	0	0				%SW8065
						4			
002	FCS0101_IDLE_ST	ST16	FCS0501 IDLE TIME	0	0				
						4			
003	FCS0101_IDLE_PVI	PVI	FCS0501 IDLE TIME	0.0	60.0	S	No	No	FCS0101_IDLE_CI.PV
						4			
004	FCS0101_LOAD	CALCU		0.0	100.0	%	No	No	
						4			

Tag Detail (FCS0101_IDLE_CI FCS0501 IDLE TIME)

Basic

Tag Name	FCS0101_IDLE_CI
Model Name	CI
Tag Comment	FCS0501 IDLE TIME
Lvl	4
Number of Bits Input	8
Code Conversion	No
Bit Inversion	No Invert

Tag Detail (FCS0101_IDLE_ST FCS0501 IDLE TIME)

Basic

Tag Name	FCS0101_IDLE_ST
Model Name	ST16
Tag Comment	FCS0501 IDLE TIME
Lvl	4

Sequence Tables (FCS0101_IDLE_ST FCS0501 IDLE TIME)

Start Timing: Periodic Execution Type(T)
Output Timing: Output Only When Conditions Change(C)
Scan Period: Basic Scan
Control Period: 1
Control Phase: 0

No.	Tag name.Data item	Data	RuleNo. / StepNo. / Reference Signal Comment	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	Comment
C01					
C02					
C03					
C04					
C05					
C06					
C07					
C08					
C09					
C10					
C11					
C12					
C13					
C14					
C15					
C16					
C17					
C18					
C19					
C20					
C21					
C22					
C23					
C24					
C25					
C26					
C27					
C28					
C29					
C30					
C31					
C32					
A01	FCS0101_IDLE_CI.ACT	ON	FCS0501 IDLE TIME	Y	
A02					
A03					
A04					
A05					
A06					
A07					
A08					
A09					
A10					
A11					
A12					
A13					
A14					
A15					
A16					
A17					
A18					
A19					
A20					
A21					
A22					
A23					
A24					
A25					
A26					
A27					
A28					
A29					
A30					
A31					
A32					
PREV			THEN		
NEXT			ELSE		

Tag Detail (FCS0101_IDLE_PVI FCS0501 IDLE TIME)

Basic

Tag Name	FCS0101_IDLE_PVI
Model Name	PVI
Tag Comment	FCS0501 IDLE TIME
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed

Tag Detail (FCS0101_LOAD)

Basic

Tag Name	FCS0101_LOAD
Model Name	CALCU
Tag Comment	
Lvl	4
Scan Period	Basic Scan
Scan coefficient	1
Scan phase	0
Processing Timing	
Start Timing	Periodic Execution
Input Signal Conversion	
Input Signal Conversion	No
Totalizer	
Totalizer Time Unit	No
Sum Value Entry	Not Allowed
Normalization of input/output signal	No

General-Purpose Calculation Formula (FCS0101_LOAD)

```
Line Number   General-Purpose Calculation Formula
   001        * FCS CPU loading communications loading calculation
   002        * This CALCU reads the FCS CPU idle time from the common-switch system flag
   003        * area and calculates the FCS load in per cent.
   004        * This makes the CPU loading available for trending purposes as CPV.
   005        * It also reads the common switches for communications loading as CPV1.
   006        * For FFCS V, common switches are %SW8065 onwards, in place of %SW0065
   007        * Issued 27 April 2012
   008
   009        program
   010
   011            alias   BIT7        %SW8065.PV
   012            alias   BIT6        %SW8066.PV
   013            alias   BIT5        %SW8067.PV
   014            alias   BIT4        %SW8068.PV
   015            alias   BIT3        %SW8069.PV
   016            alias   BIT2        %SW8070.PV
   017            alias   BIT1        %SW8071.PV
   018            alias   BIT0        %SW8072.PV
   019
   020            alias   CBIT7       %SW8073.PV
   021            alias   CBIT6       %SW8074.PV
   022            alias   CBIT5       %SW8075.PV
   023            alias   CBIT4       %SW8076.PV
   024            alias   CBIT3       %SW8077.PV
   025            alias   CBIT2       %SW8078.PV
   026            alias   CBIT1       %SW8079.PV
   027            alias   CBIT0       %SW8080.PV
   028
   029            NEW = (1*BIT0 + 2*BIT1 + 4*BIT2 + 8*BIT3 +16*BIT4 + 32*BIT5 + 64*BIT6 + 128*BIT7)
   030
   031            CPV = (((60 - NEW) / 60) * 100)
   032
   033        *   Communications loading "against one second" - refer section A4.1 of ref manual
   034
   035            CPV1 = (1*CBIT0 + 2*CBIT1 + 4*CBIT2 + 8*CBIT3 +16*CBIT4 + 32*CBIT5 + 64*CBIT6 + 128*CBIT7)
   036
   037        end
```