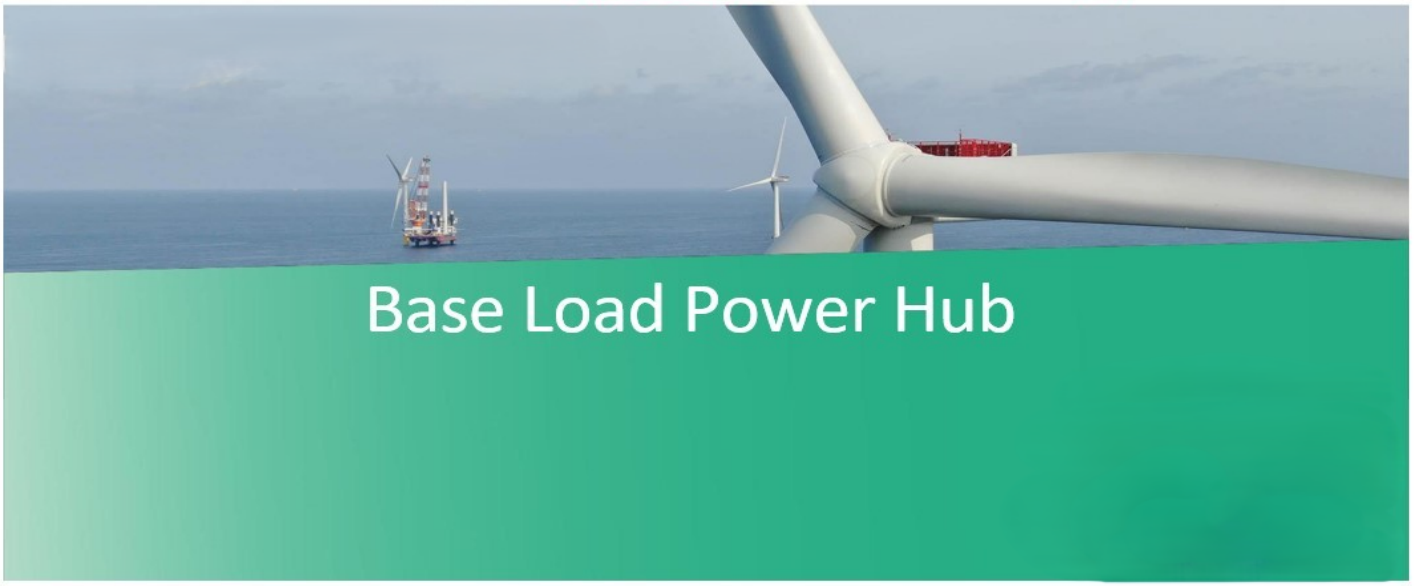
CROSSWIND

ROSETTI MARINO

PROVERLIS

PROJECT **123A90 - HOLLANDSE KUST NOORD WIND PARK**
BLPH Project



COMMISSIONING DOSSIER (ONSHORE)

SYSTEM	83 Main Power Distribution Low Voltage 440 V
SUBSYSTEM	83-99 400 V Temporary Yard Supply

CROSSWIND

123A90 - HOLLANDSE KUST NOORD WIND PARK
BLPH Project

COMMISSIONING DOSSIER INDEX

ROSETTI MARINO

Sub System N°:	83-99	**Tick as appropriate**	ONSHORE	OK
Description:	400 V Temporary Yard Supply		OFFSHORE	

1. *SUB-SYSTEM DEFINITION*	OK
1.1 Sub-System Description / Boundary Limit Drawings	
2. *READY FOR OPERATION CERTIFICATE*	OK
2.1 Achievement Of Ready for Operation Certificate (RFO)	
2.2 Exception Punch Lists (per discipline)	
2.3 “As-Commissioned” P&ID’s / SLD’s / D&ID’s / C&E’s	
3. *CONSOLIDATED PUNCH LISTS*	OK
3.1 Cleared and Residual Items (sorted by discipline)	
4. *FUNCTIONAL TESTS SHEETS*	OK
4.1 Electrical functional test sheets index	
4.2 Electrical “As-Commissioned” interconnection diagrams	
4.3 Instrumentation Functional Test Sheets Index	
4.4 Instrumentation “As-Commissioned” interconnection diagrams	
4.5 Telecommunication Functional Test Sheets Index	
4.6 Telecommunication “As-Commissioned” I.C.D. / TSLD’s	
5. *SITE / OPERATIONAL:*	NA
5.1 Operational Test Procedure	
5.2 Operational Test Certificates	
6. *PIPING AND VESSEL PREPARATION*	NA
6.1 Final Mechanical / Vessel Inspection Checks Index	
6.2 Leak Test / Drying / Inerting Test Sheets Index	
6.3 Chemical Loading & First Fill records Index	
6.4 Chemical Cleaning Reports and Records Index	
6.5 Lubrication Schedule	
7. *VENDORS*	NA
7.1 Vendor Package Summary Index	
7.2 SAT Procedure with associated punch list and reference (Front Page)	
7.3 Vendor Spares & Special Tools lists references	
7.4 Vendor Data / Operations / Maintenance Manuals References	
8. *LIST OF MODIFICATIONS*	NA
8.1 List of changes initiated during the WORKSITE Commissioning phase pertaining to the relevant Sub-System will be incorporated in this section with relevant references (with location and position of blinds/spades, isolation LO & LC valves, list of electrical isolation status, and remaining inhibits and overrides)	
9. *SUPPORTING DOCUMENTS*	NA
9.1 Other supporting documents (as applicable)	

	Contractor Commissioning Site Leader	Company Commissioning Site Leader
Name	Anthony Iveson	Martin Taylor
Date	2025-04-28	2025-04-28
Signature	PROVERLIS Digitaly signed by Anthony Iveson 2025-04-28T15:01:57.345Z	PROVERLIS Digitaly signed by Martin Taylor 2025-04-28T17:35:48.794Z

Section 1 SUB-SYSTEM DEFINITION

yard service power supply breaker

Level 0

P-EJB-L1-TEMP
P-EJB-L2-TEMP
P-EJB-L3-TEMP
P-EJB-N-TEMP
P-EJB-PE-TEMP

3x(1x95)+N1x95+PE1x95

JB-200E2_TEMP
(temporary)

Lower Deck

83010-CEL-L1-TEMP
83010-CEL-L2-TEMP
83010-CEL-L3-TEMP
83010-CEL-N-TEMP
83010-CEL-PE-TEMP

3x(1x95)+N1x95+PE1x95
(Permanent)

SG-200N1
Main Switchboard (Permanent)

A2/+08

Lower Deck

ITRs that will need to be done:

- 10 ITRs-A for the cables (MC)
- 1 ITR-A for the TEMP JB (MC)
- 1 ITR-B for the Yard Breaker (COMM)
- 1 ITR-B for the TEMP JB (COMM)

Project: CROSSWIND

Temporary Yard Power Supply
SINGLE LINE DIAGRAM

Section 2 READY FOR OPERATION

Section 2.1 Achievement Of Ready for Operation Certificate (RFO)

ROSETTI MARINO

123A90 - HOLLANDSE KUST NOORD WIND PARK
BLPH Project

CROSSWIND

Ready For Operation (RFO) Certificate

COMPLETE	●	PARTIAL	

Revision:	1		Issued on:	2025-04-26	
System:	83	/	Main Power Distribution Low Voltage 440 V		
SubSystem:	83-99	/	400 V Temporary Yard Supply		

We hereby confirm that all Mechanical Completion (MC) and Pre-Commissioning/Commissioning (Pre-Comm./Comm.) activities for the above-mentioned System/Sub-System have been successfully completed in accordance with project specifications, relevant standards and contractual requirements. The System/Sub-System has been tested and verified to ensure readiness for operation. Issuance of this Certificate shall not release CONTRACTOR from any of his obligations, responsibilities or liabilities under the CONTRACT.

Mechanical Completion: All required MC activities have been completed and approved
Pre-Commissioning & Commissioning: All required Pre-Comm. and Comm. activities and OTPs have been completed and approved (Status Index attached)
Punch List: All Punch items categorized as A and B have been cleared (PL report attached)
Documentation: As-built documentation and Commissioning dossier has been completed, reviewed and approved

PUNCH LIST	PENDING POINTS
Note: All Category "A" and "B" Items must be cleared prior to issuance of the Ready For Operation (RFO) Certificate	B '0

REMARKS:

	CONTRACTOR Commissioning Manager	**COMPANY** Commissioning Lead
Name	Anthony Iveson	Martin Taylor
Date	2025-04-26	2025-04-28
Signature	Digitaly signed by Anthony Iveson 2025-04-26T07:42:35.968Z	Digitaly signed by Martin Taylor 2025-04-28T13:15:31.926Z

CROSSWIND

ROSETTI MARINO

Project CROSSWIND

STATUS INDEX DETAIL

Filtered on subsystem: 83-99 & process: COMM

Electrical	83-99 400 V Temporary Yard Supply						
ITEM		TASK					
Code	Description	Location	Code	Form	Progress	Date	Certificate
JB-200E2_TEMP	Temporary Junction Box	ONSHORE	C10002749	FTR-1	100	2024-09-26	RFO 1
YARD_BRK-01	BREAKER YARD - YARD_BRK-01	ONSHORE	C10002750	FTR-2	100	2024-10-08	RFO 1

Project CROSSWIND

PUNCH LIST REPORT

NO DATA AVAILABLE

Section 2.2 Exception Punch Lists (per discipline)

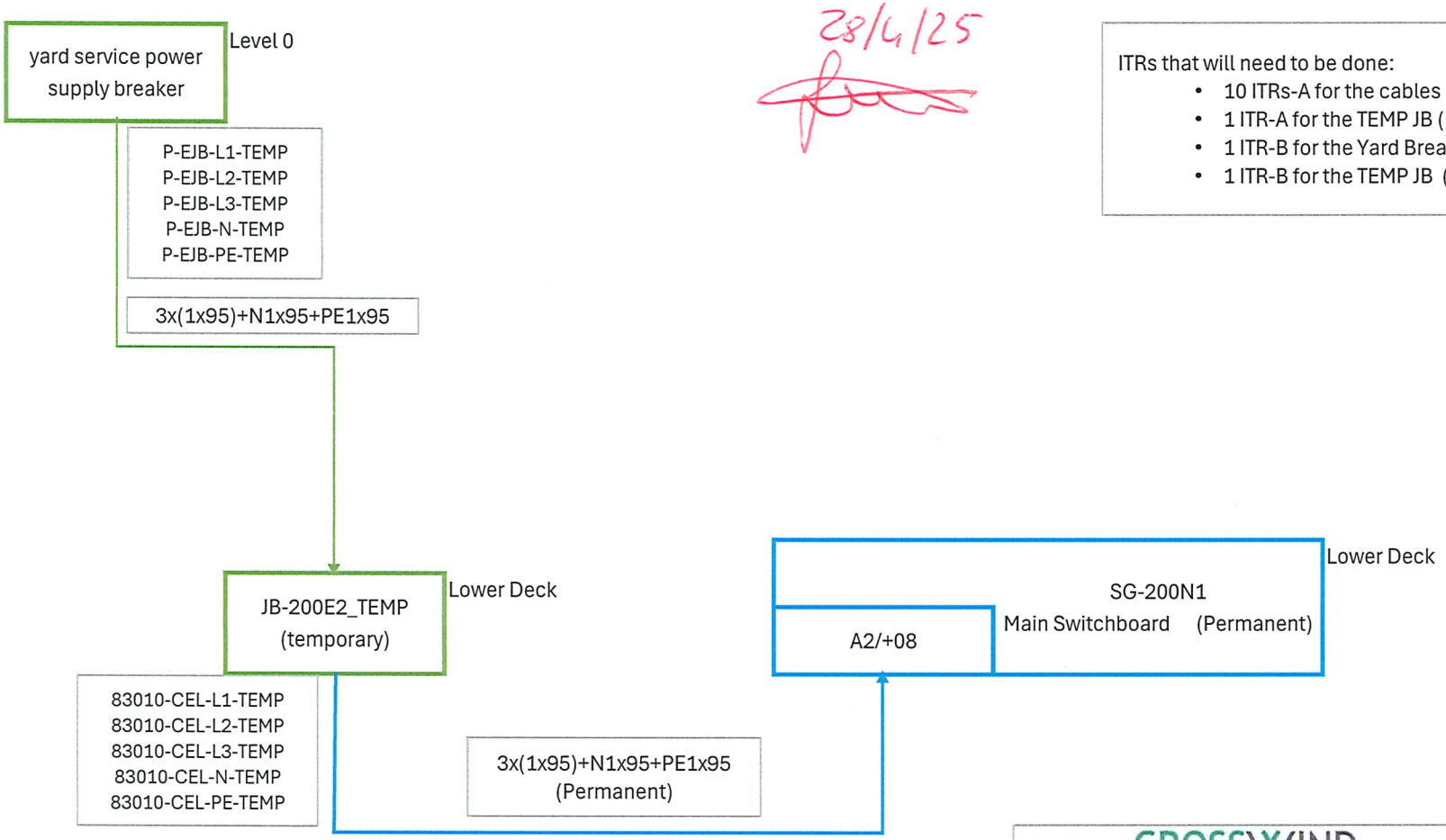
Project CROSSWIND

PUNCH LIST REPORT

NO DATA AVAILABLE

Section 2.3 “As-Commissioned” P&ID's / SLD's / D&ID's / C&E's

AS COMMISSIONED: MATTIA GIGLI
28/4/25



ITRs that will need to be done:

- 10 ITRs-A for the cables (MC)
- 1 ITR-A for the TEMP JB (MC)
- 1 ITR-B for the Yard Breaker (COMM)
- 1 ITR-B for the TEMP JB (COMM)

Project: CROSSWIND

Temporary Yard Power Supply
SINGLE LINE DIAGRAM

Section 3 CONSOLIDATED PUNCH LISTS

Project CROSSWIND

PUNCH LIST REPORT

NO DATA AVAILABLE

Section 4 FUNCTIONAL TESTS SHEETS

Section 4.1 Electrical functional test sheets index

CROSSWIND

ROSETTI MARINO

Project CROSSWIND

STATUS INDEX DETAIL

Filtered on subsystem: 83-99 & process: COMM & discipline : E

Electrical	83-99 400 V Temporary Yard Supply						
ITEM		TASK					
Code	Description	Location	Code	Form	Progress	Date	Certificate
JB-200E2_TEMP	Temporary Junction Box	ONSHORE	C10002749	FTR-1	100	2024-09-26	RFO 1
YARD_BRK-01	BREAKER YARD - YARD_BRK-01	ONSHORE	C10002750	FTR-2	100	2024-10-08	RFO 1

ITEM	Tag	JB-200E2_TEMP	: Temporary Junction Box		Dwg		
	S/Sys	83-99	: 400 V Temporary Yard Supply		Module		
TASK	code	C10002749	Location	Onshore Activities	User	Rosetti Marino Quality Control	
FORM	Process	PRE-COMM	Activity FTS	Discipline Electrical	Form	FTR-1	Miscellaneous

FTR-1
Miscellaneous Record sheet

DATA		
JB-200E2_TEMP		

FUNCTION TEST REQUIREMENT	RESULT
JB INSPECTION	OK
CLEANING OF JB	OK
JB CONNECTION	OK

Testing & measurement instruments used

Type	Serial n°	Calibration certificate	Validity

Comments:

Page 1/1	Performed by	☑ WITNESS ☐ REVIEW	☐ WITNESS ☐ REVIEW
Company	RM COMM	RM COMM	CPY NOT PRESENT
Name	Mattia Girotti	Kristian Castellani	Witness waived
Date	2024-09-26	2024-09-26	2024-09-26
Signature	PROVERLIS Digitaly signed by Mattia Girotti 2024-09-26T08:10:24.253Z	PROVERLIS Digitaly signed by Kristian Castellani 2024-09-26T08:37:16.719Z	PROVERLIS Digitaly signed by Witness waived 2024-09-26T13:26:18.309Z

ITEM	Tag	YARD_BRK-01	: BREAKER YARD - YARD_BRK-01	Dwg	-		
	S/Sys	83-99	: 400 V Temporary Yard Supply	Module			
TASK	code	C10002750	Location	Onshore Activities	User	Rosetti Marino Quality Control	
FORM	Process	PRE-COMM	Activity FTS	Discipline	Electrical	Form FTR-2	Protection Relay

FTR2 - Protection relay
Record sheet

RELAY DATA

Manufacturer:	SCHNEIDER ELECTRIC	Serial N°:	NA	Relay type:	RH99M
Auxiliary supply:	NA	Location:	YARD COLUMN	Cubicle:	NA
Switchboard:	NA				

Current transformers

Tag	Number of	Ratio	Location

Voltage transformers

Tag	Number of	Ratio	Location

Test result (refer to manufacturer's procedure)

ANSI function	Setting	Injection	Trip value	Time delay Setting	Time delay Trip value
RCD	300ma	300ma	270ma	INSTANT	279.4ms

Testing & measurement instruments used

Type	Serial n°	Calibration certificate	Validity
FLUKE 1663	5380144	7727/24	10/07/2025

Comments: This test was done for temporary line protection. (RCD)

Page 1/1	Performed by	☐ WITNESS ☉ REVIEW	☐ WITNESS ☐ REVIEW
Company	RM COMM	RM COMM	CPY NOT PRESENT
Name	Mattia Girotti	Kristian Castellani	Witness waived
Date	2024-10-07	2024-10-08	2024-10-08
Signature	PROVERLIS Digitaly signed by Mattia Girotti 2024-10-07T08:25:01.781Z	PROVERLIS Digitaly signed by Kristian Castellani 2024-10-08T10:38:10.468Z	PROVERLIS Digitaly signed by Witness waived 2024-10-08T10:54:56.485Z

Section 4.2 Electrical
“As-Commissioned” interconnection diagrams

NOT APPLICABLE

Section 4.3 Instrumentation functional test sheets index

NOT APPLICABLE

Section 4.4 Instrumentation “As-Commissioned” interconnection diagrams

NOT APPLICABLE

Section 4.5 Telecommunication functional test sheets index

NOT APPLICABLE

Section 4.6 Telecommunication
“As-Commissioned” I.C.D. / TSLD's

NOT APPLICABLE

Section 5 SITE / OPERATIONAL

Section 5.1 Operational Test Procedure

NOT APPLICABLE

Section 5.2 Operational Test Certificates

NOT APPLICABLE

Section 6 PIPING AND VESSEL PREPARATION

Section 6.1 Final Mechanical / Vessel Inspection Checks Index

NOT APPLICABLE

Section 6.2 Leak Test / Drying / Inerting Test Sheets Index

NOT APPLICABLE

Section 6.3 Chemical Loading & First Fill records Index

NOT APPLICABLE

Section 6.4 Chemical Cleaning Reports and Records Index

NOT APPLICABLE

Section 6.5 Lubrication Schedule

NOT APPLICABLE

Section 7 VENDOR

Section 7.1 Vendor Package Summary Index

NOT APPLICABLE

Section 7.2 SAT Procedure with associated punch list and reference (Front Page)

NOT APPLICABLE

Section 7.3 Vendor Spares & Special Tools lists references

NOT APPLICABLE

Section 7.4 Vendor Data / Operations / Maintenance Manuals References

NOT APPLICABLE

Section 8 LIST OF MODIFICATIONS

NOT APPLICABLE

Section 8.1 List of changes

NOT APPLICABLE

Section 9 SUPPORTING DOCUMENTS

NOT APPLICABLE