CROSSWIND
ROSETTI MARINO

HOLLANDSE KUST NOORD WIND PARK BLPH Project

Contract No. CW-I-WP4-2023-05

SS Progress > 80% (PA Open = 0)
SS Progress > 80% (PA Open > 0)

Mechanical Completion Status as on 25-ott-2024

Mechanical Completion Phase (per Discipline)

Sector	System Code	SubSystem	SubSystem Name	Priority	Notes	BUILDING (B) Scope	BUILDING (B) Compl	BUILDING (B) Balance	ELECTRICAL (E) Scope	ELECTRICAL (E) Compl	ELECTRICAL (E) Balance		HVAC (H) Scope	HVAC (H) Compl	HVAC (H) Balance	INSTRUMENTAL (I) Scope	INSTRUMENTAL (I) Compl	INSTRUMENTAL (I) Balance	
		Tot. 144				6	0	6	716	53	663		0	0	0	948	89	859	
BLPH	20	20-00	Electrolyser Package (A-20000)			0	0	0	6	0	6	0	0	0	0	3	0	3	0
BLPH	25	25-01	Hydrogen Storage Vessel A (V-25001A)			0	0	0	0	0	0	0	0	0	0	22	2	20	0.090909
BLPH	25	25-02	Hydrogen Storage Vessel B (V-25001B)			0	0	0	0	0	0	0	0	0	0	22	2	20	0.090909
BLPH	25	25-03	Hydrogen Storage Vessel C (V-25001C)			0	0	0	0	0	0	0	0	0	0	22	2	20	0.090909
BLPH	25	25-04	Hydrogen Storage Vessel D (V-25001D)			0	0	0	0	0	0	0	0	0	0	22	2	20	0.090909
BLPH	25	25-05	Hydrogen Storage Vessel E (V-25001E)			0	0	0	0	0	0	0	0	0	0	22	2	20	0.090909
BLPH	25	25-06	Hydrogen Storage Vessel F (V-25001F)			0	0	0	0	0	0	0	0	0	0	22	2	20	0.090909
BLPH	25	25-07	Hydrogen Storage Vessels Header (Inlet)			0	0	0	0	0	0	0	0	0	0	32	2	30	0.0625
BLPH	25	25-08	Hydrogen Storage Vessels Header (Outlet)			0	0	0	0	0	0	0	0	0	0	49	3	46	0.061224
BLPH	43	43-00	Hydrogen Vent Header & Drum System			0	0	0	0	0	0	0	0	0	0	24	3	21	0.125
BLPH	50	50-00	Seawater Intake System (Lifting Pumps)			0	0	0	4	0	4	0	0	0	0	46	3	43	0.065217
BLPH	50	50-10	Water Desalination Package & Distribution			0	0	0	5	0	5	0	0	0	0	4	0	4	0
BLPH	50	50-11	Electrochlorinated Water			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	55	55-00	Waste Water Disposal			0	0	0	0	0	0	0	0	0	0	3	1	2	0.333333
BLPH	55	55-01	Waste Water Brine Discharge System			0	0	0	0	0	0	0	0	0	0	9	2	7	0.222222
BLPH	56	56-11	Non-Hazardous Open Drain Collection			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	63	63-00	Instrument Air Package (A-63000)			0	0	0	5	0	5	0	0	0	0	3	0	3	0
BLPH	63	63-30	Instrument Air Distribution Network			0	0	0	0	0	0	0	0	0	0	20	2	18	0.1
BLPH	64	64-00	Nitrogen Generator Package (U-64000)			0	0	0	3	0	3	0	0	0	0	3	0	3	0
BLPH	64	64-10	Nitrogen Distribution Network			0	0	0	0	0	0	0	0	0	0	38	3	35	0.078947
BLPH	70	70-00	F&G Control System			0	0	0	3	0	3	0	0	0	0	3	0	3	0
BLPH	70	70-00-01	Junction Box 950-JE-01101 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-02	Junction Box 950-JE-01102 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-03	Junction Box 950-JE-01103 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-04	Junction Box 950-JE-02101 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-05	Junction Box 950-JE-02102 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-06	Junction Box 950-JE-02103 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-07	Junction Box 950-JE-03101 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-08	Junction Box 950-JE-03102 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-09	Junction Box 950-JE-03103 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-10	Junction Box 950-JE-04101 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-11	Junction Box 950-JE-04102 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-12	Junction Box 950-JE-04201 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-13	Junction Box 950-JE-04204 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-14	Junction Box 950-JE-04205 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-15	Junction Box 950-JE-04208 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-16	Junction Box 950-JE-05101 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-17	Junction Box 950-JE-05102 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-18	Junction Box 950-JE-06101 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-19	Junction Box 950-JE-06102 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-20	Junction Box 950-JE-06201 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-21	Junction Box 950-JE-06204 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-22	Junction Box 950-JE-01104 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-23	Junction Box 950-JE-02104 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-24	Junction Box 950-JE-03104 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	70	70-00-25	Junction Box 950-JE-04103 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-26	Junction Box 950-JE-04203 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-27	Junction Box 950-JE-04207 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-28	Junction Box 950-JE-05103 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-29	Junction Box 950-JE-06103 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-30	Junction Box 950-JE-06203 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-31	Junction Box 950-JE-07101 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-00-32	Junction Box 950-JE-05104 and Multi-core cable (FGS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0
BLPH	70	70-10	F&G Devices FZ-01 (Fuel Cell Area)			0	0	0	0	0	0	0	0	0	0	21	0	21	0
BLPH	70	70-11	F&G Devices FZ-02 (Hydrogen Storage Area)			0	0	0	0	0	0	0	0	0	0	28	0	28	0
BLPH	70	70-12	F&G Devices FZ-03 (Electrolyser Area)			0	0	0	0	0	0	0	0	0	0	22	0	22	0
BLPH	70	70-13	F&G Devices FZ-04 (B-200 LV Switchgear Room)			0	0	0	0	0	0	0	0	0	0	56	0	56	0
BLPH	70	70-14	F&G Devices FZ-04 (B-300 UPS & Batteries Switchroom)			0	0	0	0	0	0	0	0	0	0	32	0	32	0
BLPH	70	70-15	F&G Devices FZ-04 (B-400 I&T Equipment Room)			0	0	0	0	0	0	0	0	0	0	32	0	32	0
BLPH	70	70-16	F&G Devices FZ-05 (Bess Area)			0	0	0	0	0	0	0	0	0	0	44	0	44	0
BLPH	70	70-17	F&G Devices FZ-06 (B-100 HV/MV Switchroom Area)			0	0	0	0	0	0	0	0	0	0	50	0	50	0
BLPH	70	70-18	F&G Devices FZ-07 (Transition Piece Area)			0	0	0	0	0	0	0	0	0	0	8	0	8	0
BLPH	70	70-20	Fire Extinguishers			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	72	72-00	NAVAID			0	0	0	27	0	27	0	0	0	0	4	0	4	0
BLPH	76	76-30	Life Raft			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	76	76-40	Escape Provision			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	76	76-50	Personal Protection			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	77	77-10	HVAC HV/MV Switchgear Room B-100			0	0	0	4	3	1	0.75	0	0	0	19	16	3	0.842105
BLPH	77	77-20	HVAC LV Switchgear Room B-200			0	0	0	4	3	1	0.75	0	0	0	19	1	18	0.052632
BLPH	77	77-30	HVAC UPS Equipment Room B-300			0	0	0	4	3	1	0.75	0	0	0	29	16	13	0.551724
BLPH	77	77-40	HVAC I&T Equipment Room B-400			0	0	0	4	3	1	0.75	0	0	0	33	21	12	0.636364
BLPH	79	79-00	Emergency Shutdown Systems (SIS)			0	0	0	3	0	3	0	0	0	0	1	0	1	0
BLPH	79	79-00-01	Junction Box 00-JE-21001 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	79	79-00-02	Junction Box 00-JE-21002 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	79	79-00-03	Junction Box 00-JE-22001 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	2	0	2	0
BLPH	79	79-00-04	Junction Box 00-JE-22002 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	2	0	2	0
BLPH	79	79-00-05	Junction Box 00-JE-23001 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	79	79-00-06	Junction Box 00-JE-23002 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0
BLPH	79	79-10	Emergency Shutdown Systems (SIS) - Devices			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	79	79-11	Emergency Shutdown Systems (SIS) - Devices FZ-01 (Fuel Cell Area)			0	0	0	0	0	0	0	0	0	0	8	0	8	0
BLPH	79	79-12	Emergency Shutdown Systems (SIS) - Devices FZ-03 (Electrolyser Area)			0	0	0	0	0	0	0	0	0	0	4	0	4	0
BLPH	79	79-13	Emergency Shutdown Systems (SIS) - Devices FZ-04 (B-400 I&T Equipment Room External)			0	0	0	0	0	0	0	0	0	0	8	0	8	0
BLPH	79	79-14	Emergency Shutdown Systems (SIS) - Devices FZ-06 (B-100 HV/MV Switchroom Area)			0	0	0	0	0	0	0	0	0	0	8	0	8	0
BLPH	79	79-15	Emergency Shutdown Systems (SIS) - Devices FZ-07 (Transition Piece Area)			0	0	0	0	0	0	0	0	0	0	8	0	8	0
BLPH	80	80-00	Hydrogen Fuel Cell Package (A-80000)			0	0	0	1	0	1	0	0	0	0	3	0	3	0
BLPH	81	81-00	66 kV Subsea Cable			0	0	0	3	0	3	0	0	0	0	0	0	0	0
BLPH	81	81-10	GIS 66 kV (HNA6-AFA70)			0	0	0	8	0	8	0	0	0	0	1	0	1	0
BLPH	81	81-20	Power Transformer 7 MVA (TR-100AD1)			0	0	0	33	2	31	0.060606	0	0	0	0	0	0	0
BLPH	82	82-00	MV 6.6 kV Switchboard (SG-100D1)			0	0	0	7	1	6	0.142857	0	0	0	3	0	3	0
BLPH	82	82-10	Power Transformer 1.25 MVA (1BT1 BESS)			0	0	0	3	0	3	0	0	0	0	0	0	0	0
BLPH	82	82-20	Power Transformer 3.15 MVA (T4 ELECTROLYSER)			0	0	0	3	0	3	0	0	0	0	0	0	0	0
BLPH	82	82-30	Power Transformer 1.25 MVA (TA30 FUEL CELL)			0	0	0	3	0	3	0	0	0	0	0	0	0	0
BLPH	82	82-40	Power Transformer 1.6 MVA (TR-200DE1)			0	0	0	30	1	29	0.033333	0	0	0	0	0	0	0
BLPH	82	82-50	Solar PV Package Power Transformer 0.5 MVA (TR-200ED1)			0	0	0	12	1	11	0.083333	0	0	0	0	0	0	0
BLPH	82	82-99	MV 6.6 kV Temporary Yard Supply Integrated Test			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	83	83-00	400 V Switchboard & Connection Box (SG-200N1)			0	0	0	9	1	8	0.111111	0	0	0	2	0	2	0
BLPH	83	83-10	400 V Switchboard Solar (SG-200D2)			0	0	0	10	1	9	0.1	0	0	0	0	0	0	0
BLPH	83	83-20	400/230 V Switchboard (DP-200N1)			0	0	0	5	5	0	1	0	0	0	0	0	0	0
BLPH	83	83-30	Solar PV Package 0.5 MW			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	83	83-35	Emergency Lighting			0	0	0	44	0	44	0	0	0	0	0	0	0	0
BLPH	83	83-36	Emergency Lighting Lower Deck			0	0	0	76	0	76	0	0	0	0	0	0	0	0
BLPH	83	83-37	Emergency Lighting Stairs/Transition Piece			0	0	0	52	0	52	0	0	0	0	0	0	0	0
BLPH	83	83-40	Normal Lighting			0	0	0	58	0	58	0	0	0	0	0	0	0	0
BLPH	83	83-41	Normal Lighting Lower Deck			0	0	0	60	0	60	0	0	0	0	0	0	0	0
BLPH	83	83-42	Normal Lighting Stairs/Transition Piece			0	0	0	8	0	8	0	0	0	0	0	0	0	0
BLPH	83	83-50	Welding Sockets			0	0	0	6	0	6	0	0	0	0	0	0	0	0
BLPH	83	83-55	Power Sockets			0	0	0	7	0	7	0	0	0	0	0	0	0	0
BLPH	83	83-60	Cathodic Protection			0	0	0	6	2	4	0.333333	0	0	0	0	0	0	0
BLPH	83	83-65	Electrical Heat Tracing			0	0	0	30	0	30	0	0	0	0	0	0	0	0
BLPH	83	83-75	Temporary Diesel Generator			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	83	83-99	400 V Temporary Yard Supply			0	0	0	11	11	0	1	0	0	0	0	0	0	0
BLPH	84	84-00	DC 10 kVA UPS System (UP-200F1)			0	0	0	12	8	4	0.666667	0	0	0	2	0	2	0
BLPH	84	84-10	AC 35 kVA UPS System (UP-200F3)			0	0	0	19	1	18	0.052632	0	0	0	3	0	3	0
BLPH	84	84-20	AC 15 kVA UPS System (UP-200F4)			0	0	0	19	2	17	0.105263	0	0	0	3	0	3	0
BLPH	85	85-00	BESS Package (A-85000)			0	0	0	9	0	9	0	0	0	0	3	0	3	0
BLPH	86	86-00	Data Networks			0	0	0	6	0	6	0	0	0	0	2	0	2	0
BLPH	86	86-20	Fibre Optic Links			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	86	86-50	VHF Radio			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	86	86-60	Surveillance Subsystems			0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	87	87-00	Power Distribution System (EMCS)			0	0	0	3	0	3	0	0	0	0	1	0	1	0
BLPH	87	87-10	Process Control System (PCS)			0	0	0	3	0	3	0	0	0	0	2	0	2	0

SubSystem	MECHANICAL (M) Scope	MECHANICAL (M) Compl	MECHANICAL (M) Balance	PIPING & VESSEL (P) Scope	PIPING & VESSEL (P) Compl	PIPING & VESSEL (P) Balance	SAFETY (S) Scope	SAFETY (S) Compl	SAFETY (S) Balance	TELECOM (T) Scope	TELECOM (T) Compl	TELECOM (T) Balance	TOTAL FOR SUBSYSTEM (CCK, STS, PIP) Scope	Compl	Balance	Progress %
Tot. 144	29	4	25	959	0	959	23	0	23	30	0	30	2711	146	2565	5.39%
20-00	1	0	1	0	0	0	0	0	0	2	0	2	12	0	12	0.0%
25-01	1	0	1	61	0	61	0	0	0	0	0	0	84	2	82	2.4%
25-02	1	0	1	61	0	61	0	0	0	0	0	0	84	2	82	2.4%
25-03	1	0	1	61	0	61	0	0	0	0	0	0	84	2	82	2.4%
25-04	1	0	1	61	0	61	0	0	0	0	0	0	84	2	82	2.4%
25-05	1	0	1	61	0	61	0	0	0	0	0	0	84	2	82	2.4%
25-06	1	0	1	61	0	61	0	0	0	0	0	0	84	2	82	2.4%
25-07	0	0	0	40	0	40	0	0	0	0	0	0	72	2	70	2.8%
25-08	0	0	0	66	0	66	0	0	0	0	0	0	115	3	112	2.6%
43-00	2	0	2	95	0	95	0	0	0	0	0	0	121	3	118	2.5%
50-00	6	0	6	68	0	68	0	0	0	0	0	0	124	3	121	2.4%
50-10	1	0	1	10	0	10	0	0	0	1	0	1	21	0	21	0.0%
50-11	0	0	0	19	0	19	0	0	0	0	0	0	19	0	19	0.0%
55-00	1	0	1	73	0	73	0	0	0	0	0	0	77	1	76	1.3%
55-01	1	0	1	40	0	40	0	0	0	0	0	0	50	2	48	4.0%
56-11	0	0	0	11	0	11	0	0	0	0	0	0	11	0	11	0.0%
63-00	2	0	2	19	0	19	0	0	0	1	0	1	30	0	30	0.0%
63-30	0	0	0	38	0	38	0	0	0	0	0	0	58	2	56	3.4%
64-00	2	0	2	25	0	25	0	0	0	1	0	1	34	0	34	0.0%
64-10	0	0	0	89	0	89	0	0	0	0	0	0	127	3	124	2.4%
70-00	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6	0.0%
70-00-01	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-02	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-03	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-04	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-05	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-06	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-07	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-08	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-09	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-10	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-11	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-12	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-13	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-14	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-15	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-16	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-17	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-18	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-19	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-20	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-21	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-22	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-23	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-24	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
70-00-25	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-26	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-27	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-28	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-29	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-30	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-31	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-00-32	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
70-10	0	0	0	0	0	0	0	0	0	0	0	0	21	0	21	0.0%
70-11	0	0	0	0	0	0	0	0	0	0	0	0	28	0	28	0.0%
70-12	0	0	0	0	0	0	0	0	0	0	0	0	22	0	22	0.0%
70-13	0	0	0	0	0	0	0	0	0	0	0	0	56	0	56	0.0%
70-14	0	0	0	0	0	0	0	0	0	0	0	0	32	0	32	0.0%
70-15	0	0	0	0	0	0	0	0	0	0	0	0	32	0	32	0.0%
70-16	0	0	0	0	0	0	0	0	0	0	0	0	44	0	44	0.0%
70-17	0	0	0	0	0	0	0	0	0	0	0	0	50	0	50	0.0%
70-18	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8	0.0%
70-20	0	0	0	0	0	0	11	0	11	0	0	0	11	0	11	0.0%
72-00	0	0	0	0	0	0	0	0	0	0	0	0	31	0	31	0.0%
76-30	0	0	0	0	0	0	4	0	4	0	0	0	4	0	4	0.0%
76-40	0	0	0	0	0	0	3	0	3	0	0	0	3	0	3	0.0%
76-50	0	0	0	0	0	0	5	0	5	0	0	0	5	0	5	0.0%
77-10	1	1	0	0	0	0	0	0	0	1	0	1	25	20	5	80.0%
77-20	1	1	0	0	0	0	0	0	0	1	0	1	25	5	20	20.0%
77-30	1	1	0	0	0	0	0	0	0	1	0	1	35	20	15	57.1%
77-40	1	1	0	0	0	0	0	0	0	0	0	0	38	25	13	65.8%
79-00	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0.0%
79-00-01	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
79-00-02	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
79-00-03	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
79-00-04	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%
79-00-05	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
79-00-06	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%
79-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%
79-11	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8	0.0%
79-12	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0.0%
79-13	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8	0.0%
79-14	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8	0.0%
79-15	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8	0.0%
80-00	1	0	1	0	0	0	0	0	0	2	0	2	7	0	7	0.0%
81-00	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0.0%
81-10	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9	0.0%
81-20	0	0	0	0	0	0	0	0	0	1	0	1	34	2	32	5.9%
82-00	0	0	0	0	0	0	0	0	0	3	0	3	13	1	12	7.7%
82-10	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0.0%
82-20	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0.0%
82-30	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0.0%
82-40	0	0	0	0	0	0	0	0	0	0	0	0	30	1	29	3.3%
82-50	0	0	0	0	0	0	0	0	0	0	0	0	12	1	11	8.3%
82-99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%
83-00	0	0	0	0	0	0	0	0	0	3	0	3	14	1	13	7.1%
83-10	0	0	0	0	0	0	0	0	0	1	0	1	11	1	10	9.1%
83-20	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	100.0%
83-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%
83-35	0	0	0	0	0	0	0	0	0	0	0	0	44	0	44	0.0%
83-36	0	0	0	0	0	0	0	0	0	0	0	0	76	0	76	0.0%
83-37	0	0	0	0	0	0	0	0	0	0	0	0	52	0	52	0.0%
83-40	0	0	0	0	0	0	0	0	0	0	0	0	58	0	58	0.0%
83-41	0	0	0	0	0	0	0	0	0	0	0	0	60	0	60	0.0%
83-42	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8	0.0%
83-50	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6	0.0%
83-55	0	0	0	0	0	0	0	0	0	0	0	0	7	0	7	0.0%
83-60	0	0	0	0	0	0	0	0	0	0	0	0	6	2	4	33.3%
83-65	0	0	0	0	0	0	0	0	0	0	0	0	30	0	30	0.0%
83-75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%
83-99	0	0	0	0	0	0	0	0	0	0	0	0	11	11	0	100.0%
84-00	0	0	0	0	0	0	0	0	0	2	0	2	16	8	8	50.0%
84-10	0	0	0	0	0	0	0	0	0	2	0	2	24	1	23	4.2%
84-20	0	0	0	0	0	0	0	0	0	2	0	2	24	2	22	8.3%
85-00	1	0	1	0	0	0	0	0	0	2	0	2	15	0	15	0.0%
86-00	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8	0.0%
86-20	0	0	0	0	0	0	0	0	0	4	0	4	4	0	4	0.0%
86-50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%
86-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%
87-00	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0.0%
87-10	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0.0%

SubSystem	ATEX Equipment Detail Inspection (TASK CJX01) Scope	Compl	Balance	Progress %	ONSHORE TASK OVERALL (CCK, STS, PIP, ATEX) Scope	Compl	Balance	Progress %	PUNCH LIST PL "A" Total	Closed	Open	PL "B" Total	Closed	Open	PL OVERALL Total	Closed	Open	Progress %
Tot. 144	369	0	369	0.00%	3080	146	2934	4.74%	2	1	1	250	12	238	252	13	239	5.16%
20-00	0	0	0	100.0%	12	0	12	0.0%	0	0	0	1	0	1	1	0	1	0.0%
25-01	18	0	18	0.0%	102	2	100	2.0%	0	0	0	0	0	0	0	0	0	100.0%
25-02	18	0	18	0.0%	102	2	100	2.0%	0	0	0	0	0	0	0	0	0	100.0%
25-03	18	0	18	0.0%	102	2	100	2.0%	0	0	0	0	0	0	0	0	0	100.0%
25-04	18	0	18	0.0%	102	2	100	2.0%	0	0	0	0	0	0	0	0	0	100.0%
25-05	18	0	18	0.0%	102	2	100	2.0%	0	0	0	0	0	0	0	0	0	100.0%
25-06	18	0	18	0.0%	102	2	100	2.0%	0	0	0	0	0	0	0	0	0	100.0%
25-07	34	0	34	0.0%	106	2	104	1.9%	0	0	0	0	0	0	0	0	0	100.0%
25-08	49	0	49	0.0%	164	3	161	1.8%	0	0	0	0	0	0	0	0	0	100.0%
43-00	2	0	2	0.0%	123	3	120	2.4%	0	0	0	1	0	1	1	0	1	0.0%
50-00	0	0	0	100.0%	124	3	121	2.4%	0	0	0	0	0	0	0	0	0	100.0%
50-10	0	0	0	100.0%	21	0	21	0.0%	0	0	0	0	0	0	0	0	0	100.0%
50-11	0	0	0	100.0%	19	0	19	0.0%	0	0	0	0	0	0	0	0	0	100.0%
55-00	0	0	0	100.0%	77	1	76	1.3%	0	0	0	0	0	0	0	0	0	100.0%
55-01	0	0	0	100.0%	50	2	48	4.0%	0	0	0	0	0	0	0	0	0	100.0%
56-11	0	0	0	100.0%	11	0	11	0.0%	0	0	0	0	0	0	0	0	0	100.0%
63-00	0	0	0	100.0%	30	0	30	0.0%	0	0	0	0	0	0	0	0	0	100.0%
63-30	0	0	0	100.0%	58	2	56	3.4%	0	0	0	0	0	0	0	0	0	100.0%
64-00	0	0	0	100.0%	34	0	34	0.0%	0	0	0	0	0	0	0	0	0	100.0%
64-10	4	0	4	0.0%	131	3	128	2.3%	0	0	0	0	0	0	0	0	0	100.0%
70-00	0	0	0	100.0%	6	0	6	0.0%	0	0	0	6	0	6	6	0	6	0.0%
70-00-01	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-02	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-03	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-04	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-05	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-06	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-07	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-08	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-09	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-10	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-11	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-12	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-13	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-14	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-15	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-16	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-17	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-18	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-19	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-20	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-21	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-22	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-23	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-24	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-25	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-26	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-27	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-28	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-29	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-30	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-31	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-00-32	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-10	7	0	7	0.0%	28	0	28	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-11	28	0	28	0.0%	56	0	56	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-12	22	0	22	0.0%	44	0	44	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-13	0	0	0	100.0%	56	0	56	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-14	0	0	0	100.0%	32	0	32	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-15	0	0	0	100.0%	32	0	32	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-16	0	0	0	100.0%	44	0	44	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-17	0	0	0	100.0%	50	0	50	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-18	0	0	0	100.0%	8	0	8	0.0%	0	0	0	0	0	0	0	0	0	100.0%
70-20	0	0	0	100.0%	11	0	11	0.0%	0	0	0	0	0	0	0	0	0	100.0%
72-00	7	0	7	0.0%	38	0	38	0.0%	0	0	0	2	0	2	2	0	2	0.0%
76-30	0	0	0	100.0%	4	0	4	0.0%	0	0	0	0	0	0	0	0	0	100.0%
76-40	0	0	0	100.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
76-50	0	0	0	100.0%	5	0	5	0.0%	0	0	0	0	0	0	0	0	0	100.0%
77-10	0	0	0	100.0%	25	20	5	80.0%	1	1	0	44	0	44	45	1	44	2.2%
77-20	0	0	0	100.0%	25	5	20	20.0%	0	0	0	26	0	26	26	0	26	0.0%
77-30	0	0	0	100.0%	35	20	15	57.1%	0	0	0	44	0	44	44	0	44	0.0%
77-40	0	0	0	100.0%	38	25	13	65.8%	0	0	0	38	0	38	38	0	38	0.0%
79-00	0	0	0	100.0%	4	0	4	0.0%	0	0	0	3	0	3	3	0	3	0.0%
79-00-01	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
79-00-02	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
79-00-03	1	0	1	0.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
79-00-04	1	0	1	0.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
79-00-05	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
79-00-06	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
79-10	0	0	0	100.0%	0	0	0	100.0%	0	0	0	0	0	0	0	0	0	100.0%
79-11	0	0	0	100.0%	8	0	8	0.0%	0	0	0	0	0	0	0	0	0	100.0%
79-12	4	0	4	0.0%	8	0	8	0.0%	0	0	0	0	0	0	0	0	0	100.0%
79-13	0	0	0	100.0%	8	0	8	0.0%	0	0	0	0	0	0	0	0	0	100.0%
79-14	0	0	0	100.0%	8	0	8	0.0%	0	0	0	0	0	0	0	0	0	100.0%
79-15	0	0	0	100.0%	8	0	8	0.0%	0	0	0	0	0	0	0	0	0	100.0%
80-00	0	0	0	100.0%	7	0	7	0.0%	0	0	0	0	0	0	0	0	0	100.0%
81-00	0	0	0	100.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
81-10	0	0	0	100.0%	9	0	9	0.0%	0	0	0	0	0	0	0	0	0	100.0%
81-20	0	0	0	100.0%	34	2	32	5.9%	0	0	0	0	0	0	0	0	0	100.0%
82-00	0	0	0	100.0%	13	1	12	7.7%	0	0	0	6	5	1	6	5	1	83.3%
82-10	0	0	0	100.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
82-20	0	0	0	100.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
82-30	0	0	0	100.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
82-40	0	0	0	100.0%	30	1	29	3.3%	0	0	0	0	0	0	0	0	0	100.0%
82-50	0	0	0	100.0%	12	1	11	8.3%	0	0	0	0	0	0	0	0	0	100.0%
82-99	0	0	0	100.0%	0	0	0	100.0%	0	0	0	0	0	0	0	0	0	100.0%
83-00	0	0	0	100.0%	14	1	13	7.1%	0	0	0	7	2	5	7	2	5	28.6%
83-10	0	0	0	100.0%	11	1	10	9.1%	0	0	0	2	0	2	2	0	2	0.0%
83-20	0	0	0	100.0%	5	5	0	100.0%	0	0	0	11	0	11	11	0	11	0.0%
83-30	0	0	0	100.0%	0	0	0	100.0%	0	0	0	0	0	0	0	0	0	100.0%
83-35	36	0	36	0.0%	80	0	80	0.0%	0	0	0	0	0	0	0	0	0	100.0%
83-36	0	0	0	100.0%	76	0	76	0.0%	0	0	0	0	0	0	0	0	0	100.0%
83-37	0	0	0	100.0%	52	0	52	0.0%	0	0	0	0	0	0	0	0	0	100.0%
83-40	32	0	32	0.0%	90	0	90	0.0%	0	0	0	0	0	0	0	0	0	100.0%
83-41	0	0	0	100.0%	60	0	60	0.0%	0	0	0	0	0	0	0	0	0	100.0%
83-42	0	0	0	100.0%	8	0	8	0.0%	0	0	0	0	0	0	0	0	0	100.0%
83-50	2	0	2	0.0%	8	0	8	0.0%	0	0	0	0	0	0	0	0	0	100.0%
83-55	3	0	3	0.0%	10	0	10	0.0%	0	0	0	0	0	0	0	0	0	100.0%
83-60	2	0	2	0.0%	8	2	6	25.0%	0	0	0	1	0	1	1	0	1	0.0%
83-65	0	0	0	100.0%	30	0	30	0.0%	0	0	0	0	0	0	0	0	0	100.0%
83-75	0	0	0	100.0%	0	0	0	100.0%	0	0	0	0	0	0	0	0	0	100.0%
83-99	0	0	0	100.0%	11	11	0	100.0%	0	0	0	0	0	0	0	0	0	100.0%
84-00	0	0	0	100.0%	16	8	8	50.0%	0	0	0	25	0	25	25	0	25	0.0%
84-10	0	0	0	100.0%	24	1	23	4.2%	0	0	0	3	0	3	3	0	3	0.0%
84-20	0	0	0	100.0%	24	2	22	8.3%	0	0	0	7	0	7	7	0	7	0.0%
85-00	0	0	0	100.0%	15	0	15	0.0%	0	0	0	0	0	0	0	0	0	100.0%
86-00	0	0	0	100.0%	8	0	8	0.0%	0	0	0	0	0	0	0	0	0	100.0%
86-20	0	0	0	100.0%	4	0	4	0.0%	0	0	0	0	0	0	0	0	0	100.0%
86-50	0	0	0	100.0%	0	0	0	100.0%	0	0	0	0	0	0	0	0	0	100.0%
86-60	0	0	0	100.0%	0	0	0	100.0%	0	0	0	0	0	0	0	0	0	100.0%
87-00	0	0	0	100.0%	4	0	4	0.0%	1	0	1	1	0	1	2	0	2	0.0%
87-10	0	0	0	100.0%	5	0	5	0.0%	0	0	0	4	0	4	4	0	4	0.0%

CROSSWIND

ROSETTI MARINO

HOLLANDSE KUST NOORD WIND PARK BLPH Project

Contract No. CW-I-WP4-2023-05

SS Progress > 80% (PA Open = 0)
SS Progress > 80% (PA Open > 0)

Mechanical Completion Status as on 25-ott-2024

						Mechanical Completion Phase (per Discipline)																										TOTAL FOR SUBSYSTEM (CCK, STS, PIP)				ATEX Equipment Detail Inspection (TASK CJX01)				ONSHORE TASK OVERALL (CCK, STS, PIP, ATEX)				PUNCH LIST									
						BUILDING (B)			ELECTRICAL (E)				HVAC (H)			INSTRUMENTAL (I)				MECHANICAL (M)			PIPING & VESSEL (P)			SAFETY (S)			TELECOM (T)															PL "A"			PL "B"			PL OVERALL			
Sector	System Code	SubSystem	SubSystem Name	Priority	Notes	Scope	Compl	Balance	Scope	Compl	Balance		Scope	Compl	Balance	Scope	Compl	Balance		Scope	Compl	Balance	Scope	Compl	Balance	Scope	Compl	Balance	Scope	Compl	Balance	Scope	Compl	Balance	Progress %	Scope	Compl	Balance	Progress %	Scope	Compl	Balance	Progress %	Total	Closed	Open	Total	Closed	Open	Total	Closed	Open	Progress %
BLPH	87	87-10-01	Junction Box 00-JE-11001 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%	1	0	1	0.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-02	Junction Box 00-JE-11002 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-03	Junction Box 00-JE-11003 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%	1	0	1	0.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-04	Junction Box 00-JE-11004 and Multi-core cable (PCS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-05	Junction Box 00-JE-11005 and Multi-core cable (PCS System)			0	0	0	1	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%	0	0	0	100.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-06	Junction Box 00-JE-12001 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%	1	0	1	0.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-07	Junction Box 00-JE-12002 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-08	Junction Box 00-JE-12003 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-09	Junction Box 00-JE-12004 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0.0%	1	0	1	0.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-10	Junction Box 00-JE-12005 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-11	Junction Box 00-JE-12006 and Multi-core cable (PCS System)			0	0	0	1	0	1	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0.0%	0	0	0	100.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-12	Junction Box 00-JE-13001 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-13	Junction Box 00-JE-13002 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-14	Junction Box 00-JE-13003 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0%	1	0	1	0.0%	2	0	2	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-20	Process Control System (PCS) - Instrumentation			0	0	0	0	0	0	0	0	0	0	24	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	24	0.0%	0	0	0	100.0%	24	0	24	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-50	OER & CCR ONSHORE			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%	0	0	0	100.0%	0	0	0	100.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	88	88-00	Earthing and Lightning Protection			0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0.0%	0	0	0	100.0%	3	0	3	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	90	90-01	HV-MV Switchgear Room B-100			0	0	0	10	2	8	0.2	0	0	0	5	1	4	0.2	0	0	0	0	0	0	0	0	0	0	0	0	15	3	12	20.0%	0	0	0	100.0%	15	3	12	20.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	90	90-02	LV Switchgear Room B-200			0	0	0	8	1	7	0.125	0	0	0	5	1	4	0.2	0	0	0	0	0	0	0	0	0	0	0	0	13	2	11	15.4%	0	0	0	100.0%	13	2	11	15.4%	0	0	0	6	2	4	6	2	4	33.3%
BLPH	90	90-03	UPS System Equipment Room B-300			0	0	0	4	1	3	0.25	0	0	0	5	1	4	0.2	0	0	0	0	0	0	0	0	0	0	0	0	9	2	7	22.2%	0	0	0	100.0%	9	2	7	22.2%	0	0	0	5	2	3	5	2	3	40.0%
BLPH	90	90-04	I&T System Equipment Room B-400			0	0	0	4	1	3	0.25	0	0	0	5	1	4	0.2	0	0	0	0	0	0	0	0	0	0	0	0	9	2	7	22.2%	0	0	0	100.0%	9	2	7	22.2%	0	0	0	6	1	5	6	1	5	16.7%
BLPH	90	90-05	Areas			6	0	6	33	0	33	0	0	0	0	16	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	55	0	55	0.0%	0	0	0	100.0%	55	0	55	0.0%	0	0	0	0	0	0	0	0	0	100.0%
BLPH	99	99-00	Crane			0	0	0	3	0	3	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	5	0	5	0.0%	0	0	0	100.0%	5	0	5	0.0%	0	0	0	1	0	1	1	0	1	0.0%
Grand total		*144*				*6*	*0*	*6*	*716*	*53*	*663*		*0*	*0*	*0*	*948*	*89*	*859*		*29*	*4*	*25*	*959*	*0*	*959*	*23*	*0*	*23*	*30*	*0*	*30*	*2711*	*146*	*2565*	*5.39%*	*369*	*0*	*369*	*0.00%*	*3080*	*146*	*2934*	*4.74%*	*2*	*1*	*1*	*250*	*12*	*238*	*252*	*13*	*239*	*5.2%*

CROSSWIND
ROSETTI MARINO

HOLLANDSE KUST NOORD WIND PARK BLPH Project

Contract No. CW-I-WP4-2023-05

Pre-Commissioning Status as on 25-ott-2024

Pre-Commissioning Phase (per Discipline)

Sector	System Code	SubSystem	SubSystem Name	Priority	Notes	ELECTRICAL (E) Scope	ELECTRICAL (E) Compl	ELECTRICAL (E) Balance	HVAC (H) Scope	HVAC (H) Compl	HVAC (H) Balance	INSTRUMENTAL (I) Scope	INSTRUMENTAL (I) Compl	INSTRUMENTAL (I) Balance	MECHANICAL (M) Scope	MECHANICAL (M) Compl	MECHANICAL (M) Balance	PIPING & VESSEL (P) Scope	PIPING & VESSEL (P) Compl	PIPING & VESSEL (P) Balance	TELECOM (T) Scope	TELECOM (T) Compl	TELECOM (T) Balance
		Tot. 144				283	88	195	0	0	0	393	0	393	0	0	0	0	0	0	0	0	0
BLPH	20	20-00	Electrolyser Package (A-20000)			4	1	3	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
BLPH	25	25-01	Hydrogen Storage Vessel A (V-25001A)			0	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0
BLPH	25	25-02	Hydrogen Storage Vessel B (V-25001B)			0	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0
BLPH	25	25-03	Hydrogen Storage Vessel C (V-25001C)			0	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0
BLPH	25	25-04	Hydrogen Storage Vessel D (V-25001D)			0	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0
BLPH	25	25-05	Hydrogen Storage Vessel E (V-25001E)			0	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0
BLPH	25	25-06	Hydrogen Storage Vessel F (V-25001F)			0	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0
BLPH	25	25-07	Hydrogen Storage Vessels Header (Inlet)			0	0	0	0	0	0	10	0	10	0	0	0	0	0	0	0	0	0
BLPH	25	25-08	Hydrogen Storage Vessels Header (Outlet)			0	0	0	0	0	0	17	0	17	0	0	0	0	0	0	0	0	0
BLPH	43	43-00	Hydrogen Vent Header & Drum System			0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
BLPH	50	50-00	Seawater Intake System (Lifting Pumps)			14	2	12	0	0	0	9	0	9	0	0	0	0	0	0	0	0	0
BLPH	50	50-10	Water Desalination Package & Distribution			5	2	3	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
BLPH	50	50-11	Electrochlorinated Water			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	55	55-00	Waste Water Disposal			0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
BLPH	55	55-01	Waste Water Brine Discharge System			0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
BLPH	56	56-11	Non-Hazardous Open Drain Collection			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	63	63-00	Instrument Air Package (A-63000)			10	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	63	63-30	Instrument Air Distribution Network			0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
BLPH	64	64-00	Nitrogen Generator Package (U-64000)			2	0	2	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
BLPH	64	64-10	Nitrogen Distribution Network			0	0	0	0	0	0	9	0	9	0	0	0	0	0	0	0	0	0
BLPH	70	70-00	F&G Control System			3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-01	Junction Box 950-JE-01101 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-02	Junction Box 950-JE-01102 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-03	Junction Box 950-JE-01103 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-04	Junction Box 950-JE-02101 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-05	Junction Box 950-JE-02102 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-06	Junction Box 950-JE-02103 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-07	Junction Box 950-JE-03101 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-08	Junction Box 950-JE-03102 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-09	Junction Box 950-JE-03103 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-10	Junction Box 950-JE-04101 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-11	Junction Box 950-JE-04102 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-12	Junction Box 950-JE-04201 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-13	Junction Box 950-JE-04204 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-14	Junction Box 950-JE-04205 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-15	Junction Box 950-JE-04208 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-16	Junction Box 950-JE-05101 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-17	Junction Box 950-JE-05102 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-18	Junction Box 950-JE-06101 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-19	Junction Box 950-JE-06102 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-20	Junction Box 950-JE-06201 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-21	Junction Box 950-JE-06204 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-22	Junction Box 950-JE-01104 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-23	Junction Box 950-JE-02104 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-24	Junction Box 950-JE-03104 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-25	Junction Box 950-JE-04103 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-26	Junction Box 950-JE-04203 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-27	Junction Box 950-JE-04207 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-28	Junction Box 950-JE-05103 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-29	Junction Box 950-JE-06103 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-30	Junction Box 950-JE-06203 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-31	Junction Box 950-JE-07101 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-00-32	Junction Box 950-JE-05104 and Multi-core cable (FGS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	70	70-10	F&G Devices FZ-01 (Fuel Cell Area)			0	0	0	0	0	0	14	0	14	0	0	0	0	0	0	0	0	0
BLPH	70	70-11	F&G Devices FZ-02 (Hydrogen Storage Area)			0	0	0	0	0	0	28	0	28	0	0	0	0	0	0	0	0	0
BLPH	70	70-12	F&G Devices FZ-03 (Electrolyser Area)			0	0	0	0	0	0	22	0	22	0	0	0	0	0	0	0	0	0
BLPH	70	70-13	F&G Devices FZ-04 (B-200 LV Switchgear Room)			0	0	0	0	0	0	34	0	34	0	0	0	0	0	0	0	0	0
BLPH	70	70-14	F&G Devices FZ-04 (B-300 UPS & Batteries Switchroom)			0	0	0	0	0	0	26	0	26	0	0	0	0	0	0	0	0	0
BLPH	70	70-15	F&G Devices FZ-04 (B-400 I&T Equipment Room)			0	0	0	0	0	0	26	0	26	0	0	0	0	0	0	0	0	0
BLPH	70	70-16	F&G Devices FZ-05 (Bess Area)			0	0	0	0	0	0	22	0	22	0	0	0	0	0	0	0	0	0
BLPH	70	70-17	F&G Devices FZ-06 (B-100 HV/MV Switchroom Area)			0	0	0	0	0	0	30	0	30	0	0	0	0	0	0	0	0	0
BLPH	70	70-18	F&G Devices FZ-07 (Transition Piece Area)			0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
BLPH	70	70-20	Fire Extinguishers			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	72	72-00	NAVAID			13	4	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	76	76-30	Life Raft			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	76	76-40	Escape Provision			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	76	76-50	Personal Protection			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	77	77-10	HVAC HV/MV Switchgear Room B-100			6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	77	77-20	HVAC LV Switchgear Room B-200			6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	77	77-30	HVAC UPS Equipment Room B-300			6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	77	77-40	HVAC I&T Equipment Room B-400			6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	79	79-00	Emergency Shutdown Systems (SIS)			3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	79	79-00-01	Junction Box 00-JE-21001 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	79	79-00-02	Junction Box 00-JE-21002 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	79	79-00-03	Junction Box 00-JE-22001 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	79	79-00-04	Junction Box 00-JE-22002 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	79	79-00-05	Junction Box 00-JE-23001 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	79	79-00-06	Junction Box 00-JE-23002 and Multi-core cable (SIS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	79	79-10	Emergency Shutdown Systems (SIS) - Devices			0	0	0	0	0	0	30	0	30	0	0	0	0	0	0	0	0	0
BLPH	79	79-11	Emergency Shutdown Systems (SIS) - Devices FZ-01 (Fuel Cell Area)			0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
BLPH	79	79-12	Emergency Shutdown Systems (SIS) - Devices FZ-03 (Electrolyser Area)			0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
BLPH	79	79-13	Emergency Shutdown Systems (SIS) - Devices FZ-04 (B-400 I&T Equipment Room External)			0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
BLPH	79	79-14	Emergency Shutdown Systems (SIS) - Devices FZ-06 (B-100 HV/MV Switchroom Area)			0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
BLPH	79	79-15	Emergency Shutdown Systems (SIS) - Devices FZ-07 (Transition Piece Area)			0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
BLPH	80	80-00	Hydrogen Fuel Cell Package (A-80000)			4	2	2	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0
BLPH	81	81-00	66 kV Subsea Cable			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	81	81-10	GIS 66 kV (HNA6-AFA70)			3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	81	81-20	Power Transformer 7 MVA (TR-100AD1)			7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	82	82-00	MV 6.6 kV Switchboard (SG-100D1)			3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	82	82-10	Power Transformer 1.25 MVA (1BT1 BESS)			2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	82	82-20	Power Transformer 3.15 MVA (T4 ELECTROLYSER)			2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	82	82-30	Power Transformer 1.25 MVA (TA30 FUEL CELL)			2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	82	82-40	Power Transformer 1.6 MVA (TR-200DE1)			2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	82	82-50	Solar PV Package Power Transformer 0.5 MVA (TR-200ED1)			3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	82	82-99	MV 6.6 kV Temporary Yard Supply Integrated Test			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	83	83-00	400 V Switchboard & Connection Box (SG-200N1)			41	27	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	83	83-10	400 V Switchboard Solar (SG-200D2)			5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	83	83-20	400/230 V Switchboard (DP-200N1)			15	2	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	83	83-30	Solar PV Package 0.5 MW			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLPH	83	83-35	Emergency Lighting			0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
BLPH	83	83-36	Emergency Lighting Lower Deck			0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
BLPH	83	83-37	Emergency Lighting Stairs/Transition Piece			0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
BLPH	83	83-40	Normal Lighting			0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0

SubSystem	TOTAL FOR SUBSYSTEM (FTS, PVP) Scope	Compl	Balance	Progress %	Operational Test (OTS) OTP Document Number	Progress % (Phases) 25%	50%	75%	100%	PUNCH LIST PL "A" Total	PL "A" Closed	PL "A" Open	PL "B" Total	PL "B" Closed	PL "B" Open	PL OVERALL Total	PL OVERALL Closed	PL OVERALL Open	Progress %
Tot. 144	676	88	588	13.02%						2	1	1	250	12	238	252	13	239	5.2%
20-00	8	1	7	12.5%						0	0	0	1	0	1	1	0	1	0.0%
25-01	8	0	8	0.0%						0	0	0	0	0	0	0	0	0	100.0%
25-02	8	0	8	0.0%						0	0	0	0	0	0	0	0	0	100.0%
25-03	8	0	8	0.0%						0	0	0	0	0	0	0	0	0	100.0%
25-04	8	0	8	0.0%						0	0	0	0	0	0	0	0	0	100.0%
25-05	8	0	8	0.0%						0	0	0	0	0	0	0	0	0	100.0%
25-06	8	0	8	0.0%						0	0	0	0	0	0	0	0	0	100.0%
25-07	10	0	10	0.0%						0	0	0	0	0	0	0	0	0	100.0%
25-08	17	0	17	0.0%						0	0	0	0	0	0	0	0	0	100.0%
43-00	4	0	4	0.0%						0	0	0	1	0	1	1	0	1	0.0%
50-00	23	2	21	8.7%						0	0	0	0	0	0	0	0	0	100.0%
50-10	7	2	5	28.6%						0	0	0	0	0	0	0	0	0	100.0%
50-11	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
55-00	1	0	1	0.0%						0	0	0	0	0	0	0	0	0	100.0%
55-01	2	0	2	0.0%						0	0	0	0	0	0	0	0	0	100.0%
56-11	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
63-00	10	4	6	40.0%						0	0	0	0	0	0	0	0	0	100.0%
63-30	4	0	4	0.0%						0	0	0	0	0	0	0	0	0	100.0%
64-00	4	0	4	0.0%						0	0	0	0	0	0	0	0	0	100.0%
64-10	9	0	9	0.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00	3	0	3	0.0%						0	0	0	6	0	6	6	0	6	0.0%
70-00-01	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-02	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-03	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-04	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-05	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-06	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-07	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-08	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-09	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-10	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-11	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-12	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-13	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-14	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-15	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-16	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-17	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-18	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-19	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-20	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-21	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-22	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-23	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-24	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-25	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-26	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-27	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-28	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-29	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-30	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-31	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-00-32	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
70-10	14	0	14	0.0%						0	0	0	0	0	0	0	0	0	100.0%
70-11	28	0	28	0.0%						0	0	0	0	0	0	0	0	0	100.0%
70-12	22	0	22	0.0%						0	0	0	0	0	0	0	0	0	100.0%
70-13	34	0	34	0.0%						0	0	0	0	0	0	0	0	0	100.0%
70-14	26	0	26	0.0%						0	0	0	0	0	0	0	0	0	100.0%
70-15	26	0	26	0.0%						0	0	0	0	0	0	0	0	0	100.0%
70-16	22	0	22	0.0%						0	0	0	0	0	0	0	0	0	100.0%
70-17	30	0	30	0.0%						0	0	0	0	0	0	0	0	0	100.0%
70-18	4	0	4	0.0%						0	0	0	0	0	0	0	0	0	100.0%
70-20	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
72-00	13	4	9	30.8%						0	0	0	2	0	2	2	0	2	0.0%
76-30	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
76-40	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
76-50	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
77-10	6	3	3	50.0%						1	1	0	44	0	44	45	1	44	2.2%
77-20	6	3	3	50.0%						0	0	0	26	0	26	26	0	26	0.0%
77-30	6	3	3	50.0%						0	0	0	44	0	44	44	0	44	0.0%
77-40	6	3	3	50.0%						0	0	0	38	0	38	38	0	38	0.0%
79-00	3	0	3	0.0%						0	0	0	3	0	3	3	0	3	0.0%
79-00-01	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
79-00-02	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
79-00-03	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
79-00-04	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
79-00-05	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
79-00-06	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
79-10	30	0	30	0.0%						0	0	0	0	0	0	0	0	0	100.0%
79-11	4	0	4	0.0%						0	0	0	0	0	0	0	0	0	100.0%
79-12	4	0	4	0.0%						0	0	0	0	0	0	0	0	0	100.0%
79-13	4	0	4	0.0%						0	0	0	0	0	0	0	0	0	100.0%
79-14	4	0	4	0.0%						0	0	0	0	0	0	0	0	0	100.0%
79-15	4	0	4	0.0%						0	0	0	0	0	0	0	0	0	100.0%
80-00	7	2	5	28.6%						0	0	0	0	0	0	0	0	0	100.0%
81-00	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
81-10	3	0	3	0.0%						0	0	0	0	0	0	0	0	0	100.0%
81-20	7	0	7	0.0%						0	0	0	0	0	0	0	0	0	100.0%
82-00	3	0	3	0.0%						0	0	0	6	5	1	6	5	1	83.3%
82-10	2	0	2	0.0%						0	0	0	0	0	0	0	0	0	100.0%
82-20	2	0	2	0.0%						0	0	0	0	0	0	0	0	0	100.0%
82-30	2	0	2	0.0%						0	0	0	0	0	0	0	0	0	100.0%
82-40	2	0	2	0.0%						0	0	0	0	0	0	0	0	0	100.0%
82-50	3	0	3	0.0%						0	0	0	0	0	0	0	0	0	100.0%
82-99	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
83-00	41	27	14	65.9%						0	0	0	7	2	5	7	2	5	28.6%
83-10	5	0	5	0.0%						0	0	0	2	0	2	2	0	2	0.0%
83-20	15	2	13	13.3%						0	0	0	11	0	11	11	0	11	0.0%
83-30	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
83-35	1	0	1	0.0%						0	0	0	0	0	0	0	0	0	100.0%
83-36	1	0	1	0.0%						0	0	0	0	0	0	0	0	0	100.0%
83-37	1	0	1	0.0%						0	0	0	0	0	0	0	0	0	100.0%
83-40	1	0	1	0.0%						0	0	0	0	0	0	0	0	0	100.0%

CROSSWIND
ROSETTI MARINO

HOLLANDSE KUST NOORD WIND PARK BLPH Project

Contract No. CW-I-WP4-2023-05

Pre-Commissioning Status as on 25-ott-2024

						Pre-Commissioning Phase (per Discipline)																		TOTAL FOR SUBSYSTEM (FTS, PVP)				Operational Test (OTS)						PUNCH LIST									
						ELECTRICAL (E)			HVAC (H)			INSTRUMENTAL (I)			MECHANICAL (M)			PIPING & VESSEL (P)			TELECOM (T)											PL "A"			PL "B"			PL OVERALL			
Sector	System Code	SubSystem	SubSystem Name	Priority	Notes	Scope	Compl	Balance	Scope	Compl	Balance	Scope	Compl	Balance	Scope	Compl	Balance	Scope	Compl	Balance	Scope	Compl	Balance	Scope	Compl	Balance	Progress %	OTP Document Number	Progress % (Phases)					Total	Closed	Open	Total	Closed	Open	Total	Closed	Open	Progress %
BLPH	83	83-41	Normal Lighting Lower Deck			0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	83	83-42	Normal Lighting Stairs/Transition Piece			0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	83	83-50	Welding Sockets			8	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	4	4	50.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	83	83-55	Power Sockets			4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	83	83-60	Cathodic Protection			4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2	50.0%						0	0	0	1	0	1	1	0	1	0.0%
BLPH	83	83-65	Electrical Heat Tracing			9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9	0.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	83	83-75	Temporary Diesel Generator			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	83	83-99	400 V Temporary Yard Supply			2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	100.0%	-	-	-	-	-	0	0	0	0	0	0	0	0	0	100.0%
BLPH	84	84-00	DC 10 kVA UPS System (UP-200F1)			15	4	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	4	11	26.7%						0	0	0	25	0	25	25	0	25	0.0%
BLPH	84	84-10	AC 35 kVA UPS System (UP-200F3)			23	6	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	6	17	26.1%						0	0	0	3	0	3	3	0	3	0.0%
BLPH	84	84-20	AC 15 kVA UPS System (UP-200F4)			23	6	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	6	17	26.1%						0	0	0	7	0	7	7	0	7	0.0%
BLPH	85	85-00	BESS Package (A-85000)			12	6	6	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	16	6	10	37.5%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	86	86-00	Data Networks			5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	86	86-20	Fibre Optic Links			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	86	86-50	VHF Radio			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	86	86-60	Surveillance Subsystems			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-00	Power Distribution System (EMCS)			3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0.0%						1	0	1	1	0	1	2	0	2	0.0%
BLPH	87	87-10	Process Control System (PCS)			4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0.0%						0	0	0	4	0	4	4	0	4	0.0%
BLPH	87	87-10-01	Junction Box 00-JE-11001 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-02	Junction Box 00-JE-11002 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-03	Junction Box 00-JE-11003 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-04	Junction Box 00-JE-11004 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-05	Junction Box 00-JE-11005 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-06	Junction Box 00-JE-12001 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-07	Junction Box 00-JE-12002 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-08	Junction Box 00-JE-12003 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-09	Junction Box 00-JE-12004 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-10	Junction Box 00-JE-12005 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-11	Junction Box 00-JE-12006 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-12	Junction Box 00-JE-13001 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-13	Junction Box 00-JE-13002 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-10-14	Junction Box 00-JE-13003 and Multi-core cable (PCS System)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-20	Process Control System (PCS) - Instrumentation			0	0	0	0	0	0	12	0	12	0	0	0	0	0	0	0	0	0	12	0	12	0.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	87	87-50	OER & CCR ONSHORE			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	88	88-00	Earthing and Lightning Protection			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%						0	0	0	0	0	0	0	0	0	100.0%
BLPH	90	90-01	HV-MV Switchgear Room B-100			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%	-	-	-	-	-	0	0	0	0	0	0	0	0	0	100.0%
BLPH	90	90-02	LV Switchgear Room B-200			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%	-	-	-	-	-	0	0	0	6	2	4	6	2	4	33.3%
BLPH	90	90-03	UPS System Equipment Room B-300			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%	-	-	-	-	-	0	0	0	5	2	3	5	2	3	40.0%
BLPH	90	90-04	I&T System Equipment Room B-400			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%	-	-	-	-	-	0	0	0	6	1	5	6	1	5	16.7%
BLPH	90	90-05	Areas			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0%	-	-	-	-	-	0	0	0	0	0	0	0	0	0	100.0%
BLPH	99	99-00	Crane			4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2	50.0%						0	0	0	1	0	1	1	0	1	0.0%
Grand total		***144***				***283***	***88***	***195***	***0***	***0***	***0***	***393***	***0***	***393***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***0***	***676***	***88***	***588***	***13.02%***	***0***	***0***	***0***	***0***	***100%***	***2***	***1***	***1***	***250***	***12***	***238***	***252***	***13***	***239***	***5.2%***