

Vessel Specification

Self-Elevating Offshore Wind Turbine Service & Offshore Support Vessel

Built 2018

Classification: CCS, +CSA, Self-elevating Offshore Wind Turbine Service Unit, Offshore Support Unit, Lifting Appliance, MCC

GRT/NRT: 9337 / 2801 T



General Particulars

Particular	Specification
Length Overall	85.8 m
Breadth of Hull	40.0 m
Depth of Hull	7.0 m
S.L.L. Draft	5.8 m
Variable Load	1500 T (Not less than 1000 T deck load)
Free Deck Area	2000 m ²
GRT/	9337 T
NRT:	2801 T

Legs & Jacking System

Particular	Specification
Type of Leg	Cylindrical Legs
Dimension of Leg	D3.8 m
Number	4 x 75 m
Spudcan	12.3 m x 8.7 m
Jetting System	Included
Jacking System	Hydraulic ram and pin jacking system
Max Elevating Weight	4500 T per leg
Hoist Capacity	3200 MT each leg
Drawing Force	3200 MT each leg
Preloading Force	2800 MT each leg
Max Load Capacity	4500 MT
Jacking Speed	12 m/h, 18 m/h

Main Crane

Particular	Specification
Max Load Capacity	500 T @ 25 m (Main Hook, Jacking Mode) 300 T @ 25 m (Main Hook, Floating Mode) Abt 60 T @ 70 m (Main Hook, Floating Mode) 100 T @ 50 m, 10 m/min (Aux. Hook, Jacking Mode) Abt 20 T @ 75 m (Aux. Hook, Jacking Mode)
Max Lifting Height	110 m Above Main Deck
Max Working Radii	Abt 75 m
Slewing Speed	0 - 0.15 rpm with load, 0 - 0.3 rpm without load

Deck Equipment

Particular	Specification
Anchor Windlass	1 x 60 T, 3 x 45 T Electro Windlass
Anchor	1 x 9000 kg & 3 x 7000 kg HHP Anchor
Anchor Chains	3 x D52 mm x 500 m each
Anchor Cable	1 x D90 mm x 357.5 m
Deck Crane	1 x 10 T @ 15 m
Tugger Winches	2 x 5 T, 17 m/min
Wire Rope Hook	20 T, 17 m/min

Tank Capacity

Particular	Specification
Fuel Oil	6500 m ³
Fresh Water	420 m ³
Ballast Water	310 m ³
Lub. Oil	190 m ³
Dirty Oil Tank	7.1 m ³
Sludge Oil Tank	7.1 m ³
Bilge Tank	4.9 m ³

Machinery & Pumps

Particular	Specification
Main Generator	4 x 800 kW, 50 Hz, 690 V
Emergency & Harbor Duty Generator	1 x 120 kW, 50 Hz, 400 V
Main Air Compressor	2 x 30 m ³ /h, 30 bar
Main Air Receiver	2 x 0.5 m ³ , 30 bar
Air Dryer	1 x 3.3 m ³ /h
Central Cooler	Included
FO Transfer Pump	2 x 10 m ³ /h
LO Pump	Included
Central SW Cooling Water	2 x 80 m ³ /h, 7 bar
Central FW Cooling Water	Included
PAC Cooling Pump	Included
Bilge/Ballast Pump	2 x 30 m ³ /h, 30 bar
Fire Pump	2 x 150 m ³ /h, 3 bar
Sea Water Lifting Pump	3 x 300 m ³ /h
Oily Water Separator	3 m ³ /h
Sewage Treatment	1 x 40 men/day

Accommodation

Particular	Specification
Total Accommodation	2 x 40 Persons
Cabins	13 x 2-Men, 14 x 1-Man, 4 x Spare Room
Hospital	1 Sick Bed
Office	1

Safety

Particular	Specification
Liferafts	2 x 20 Persons SOLAS Standard
Rescue Boat	1 x 6 Persons

Radio & Navigation Equipment

Particular	Specification
GMDSS	A1+A2
Inmarsat C	1
Inmarsat FBB	1
VHF Radio	2
Portable VHF	3
Navtex Receiver	1
SART	2
EPIRB	1
Radar	0
Echo Sounder	1
GPS	1
Weather Fax	1
Wind Indicator	1
AIS	1
MF/HF	1

Fire-Fighting Equipment

Particular	Specification
Fixed CO2 Extinguisher System	In Engine Room
Fixed Water Extinguishing System	In Engine Room

Particulars are believed to be correct but not guaranteed. All figures given are approximately only. Owners reserve the right to amend the specifications without notice.