

INDEPENDENT INNOVATIVE SOLUTIONS



OSD-IMT9660 WINDFARM SERVICE OPERATIONS VESSEL

GENERAL INFORMATION

Vessel Type	Service Operations Vessel	
Class	ABS + A1, E, ENVIRO+, EGS-Sox, EGS-SCR, DPS-2, HAB, Offshore Support Vessel (Wind Farm Service Operations Vessel), SPS Code (80)	
LOA	59.20	m
LBP	52.70	m
Beam	16.80	m
Depth	7.55	m
Design Draught	4.50	m
Deadweight	1000 t approximately	
Trial Speed	approx. 12.0 knots	

CAPACITIES

Clear Deck Area	320	m ³ @ 5 t/m ²
Ships Fuel Oil	300	m ³
Potable Fresh Water	200	m ³
Tech Humidity Cont. Stores	235	m ³
Tech. Workshops Area	65	m ²
Roll Reduction System	Active Roll Reduction system	

ACCOMMODATION

Complement	43	Persons
	30	Technicians
	13	Crew
Covered warehouse, Change rooms, Drying room, Galley, Messroom, Lounges, Smoking room, Gym, Sauna, Laundry, Offices, Briefing\Cinema room, Meeting room, Hospital.		

DIESEL-ELECTRIC PROPULSION CONFIGURATION

Main Generators:	4x high or medium speed generators
Switch board arrangement	4split system possible to operate with closed bus in DP2 mode
Battery hybrid	Optional battery hybrid setup
Main Propulsion	2x 1200 kW Azimuth Thrusters
Electric System	60 Hertz, 690v/440v/220v
Emergency/Harbor Generator	1 x 350 kWe @ 1800 rpm
Bow Thrusters	2x 750 kW
Optional retractable thruster	1 x 750 kW (replaces 1 tunnel thruster)

EQUIPMENT

Access System	Palfinger OPTS System
Elevator	For stepless access between covered warehouse and access system function served by OPTS System
Motion compensated crane	system SWL 1000 kg
Stores Crane	1 x 1500 kg @ 15 m
FRC	1 x 7.5 m long
Daughter Craft	1 x 12 pob Crew transfer boat
Aft deck crane	1 x 1500kg @ 15 m

DECK MACHINERY

Tugger Winches	1 x 10 t, 250 m 22 mm wire
Capstan	2x 5 t pull @ 0-15 m/min
Windlass	2x Cable Lifters, 2x Warp Heads

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