

Seven Waves

Vessel Info

Full specification overleaf

Seven Waves is a construction / flex-lay vessel capable of operating in water depths of up to 2,500m.

- Length 145.9m x breadth moulded 29.9m
- Service Speed 13.0 knots
- Accommodation 120 persons
- Special Purpose Ship Code Compliant
- 550t top tension VLS
- AHC crane: 400t at 16.5m
- 2x work-class ROVs

Fast Facts

- Proven track record operating in water depths up to 2,500m in Brazil and US (Gulf of Mexico) for pre-salt area projects
- Work-class ROVs rated to 3,000m for pipelay and ROV support operations
- 400mt AHC mast crane and a large deck capable to handle heavy and complex equipment installation
- ECO Lloyds notation at design/service
- Vertical Lay System rated to 550t top tension capacity for flexible products and moonpool designed to hang off products (flexible and rigid) up to 600t load capacity



subsea 7

General Information	
Classification Built / Delivery Flag State Authority	Lloyds Register, +100A1, +LMC, UMS, DP(AA), CAC(3), EP, ICC, IBS, *IWS, NAV-1, UD strengthened for load of 10t/m2 and 5t/m2, Helicopter Landing Area Merwede Shipyard, The Netherlands / 2014 Isle of Man Government
Principal Dimensions	
Length Overall Breadth moulded Depth to maindeck Draught (design) Draught (summer) Deadweight (operational) Deadweight (max) Max displacement Gross Tonnage Net Tonnage Air draft (with TLS vertical) Air draft (with TLS inclined) Main Deck	145.9m 29.9m 13.0m 7.2m 8.3m 7,025t 11,312t 27,013t 17,283t 5,185 66.9m at 6.6m draught 47.4m at 6.6m draught
Deck strength	10t/m ² partially on aft deck,
Deck area	5t/m² elsewhere approx 1,200m²
Tank Capacities (100%)	0.0003
Marine Gas Oil Potable Water Ballast Water Anti-Heel tanks Technical FW (in WB tanks)	2,208m ³ 997m ³ 4,704m ³ 1,525m ³ 633m ³
DP Systems	
DP Classification DP System Reference Systems	DP (AA) - Class II KPOS DP22 dual redundancy 2x Veripos DGPS 1x Seapath DGPS 2x HiPAP 500 1x Radius 1x Cyscan 2x Cyscan MK4

2x RADIUS 1000

ower and Propulsion

ervice Speed lain Engines / Generators / opulsion

ranes

uisman Mast Crane 400t ain line (AHC) hip line (man riding) 40t at 58m argotec auxiliary knuckle boom crane ain line (AHC) 25t hip line (man riding) 10t S Marine Service Crane on the TLS tower ain line (man riding) 25t ort side 5t tarboard side 4t harbour lift

ipelay Systems

ne vessel is fitted with two underdeck storage carousels, with a apacity for 2,500t and 1,500t of product. A vertical (tiltable) lay stem (550t top tension capacity) is permanently installed for eployment of a range of flexible products with a diameter from 100 630mm. The lay tower can operate at up to 10° and is fitted with to tensioners, each of 275t capacity which can be retracted clear the firing line, and with two wire centralisers. Two A&R winches re fitted of 613t and 200t, both with 2,500m of wire. The moonpool designed to hang off products up to 605t and is fitted with a echanism to allow the product to be rotated under full load. There e two 30t deck loading tensioners on the stern of the vessel - one each side.

13 knots (approx)

(Wartsila)

6x 3,690kW (Wartsila diesel electric) 3x 2,950kW stern azimuth thrusters (Wartsila) 2x 2.400kW retractable bow azimuth thrusters (Wartsila) 2x 2,200kW bow tunnel thrusters

OV Systems

ne vessel is fitted with two over side launched work-class Hercules pe ROVs rated to 3.000m.

Accommodation

120 persons Single cabins (with dayroom) Single cabins Double cabins Hospital (not included in total) Helideck	4 40 38 3
D value	22.2m
T value	12.8t

The vessel is fitted with an approved and certified helideck suitable for Sikorsky S92 and Super Puma operations.

Comms Systems

The vessel is fitted with an extensive communications system including a dual KU /C Band Vsat satellite communication system, WIFI entertainment system, 2x Inmarsat C and Inmarsat F systems.





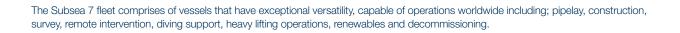


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