HEAVY CONSTRUCTION VESSEL

The vessel shall be designed as a DP Class 3, heavy construction vessel with a flexible pipelay capability for worldwide operations.

The vessel’s capabilities will allow it to perform the following operations on a year round basis:

- Heavy lift to deep water
- General subsea construction
- Flexible pipelay
- Umbilical lay
- Cable lay
- ROV operations
MAIN DIMENSIONS
Length o.a.: 162.30 m
Length p.p: 151.10 m
Breadth mld: 32.00 m
Depth to main deck: 13.50 m

CAPACITIES
Deadweight @ max draught: 1440 t
Fuel Oil(MDO/MGO): abt. 2000 m³
Fuel Oil(HFO): abt. 1500 m³
Potable Water: abt. 1300 m³
Technical Fresh Water: abt. 600 m³
Water ballast: abt. 5400 m³
Anti heeling: abt. 2900 m³
Roll reduction: abt. 2600 m³

PERFORMANCE
Speed: Service speed 15.0 knots

CLASS
*100A1, Offshore Supply Ship, ICE Class 1D, Helicopter
Landing Area, WDL(+), ShipRight (ACS(B)), *IWS,
ECO(IHM, OW, P), Winterisation H(-30)S(C), * LMC,
CAC 3, UMS, DP(AAA), with Descriptive note ShipRight
(BWMP(method)), SERS, Winterisation Features.

MACHINERY AND PROPULSION
Main engines: 6 x 4220 kWe
Emergency Diesel generator: 1 x 1750 kWe
Controllable pitch propeller: 2 x 8000 kW
Bow Tunnel Thrusters: 2 x 2600 kW
Bow Retractable Azimuth Thrusters: 2 x 2300 kW
Stern Tunnel Thrusters: 2 x 2600 kW

ACCOMMODATION
Accommodation for 132 persons

CAROUSEL
One(1) Φ 26.2m carousel, capacity 7000 t.

DECK EQUIPMENT
One(1) 900 mt Main crane
One(1) 100 mt Auxiliary crane
One(1) 25 mt Auxiliary crane
One(1) Provision handling cranes
One(1) Material handling crane for helideck
One(1) 600 mt tension TLS

REFERENCE
Shipyard: Hyundai Heavy Industries
Shipowner: Subsea7
Design ID: VS 4285 HCV
Reference number: 4663
E-mail for info: shipdesign@wartsila.com
Details are believed to be correct but not guaranteed