



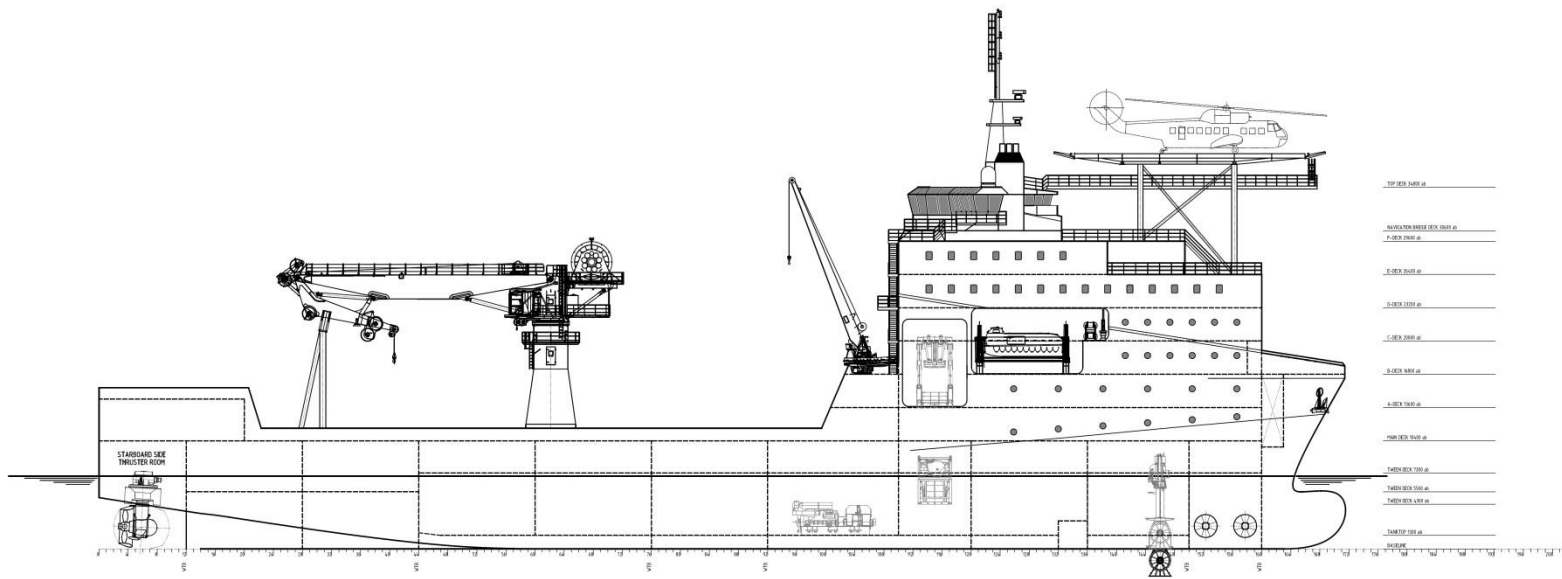
Dutch Offshore Innovators BV has prepared a design for a DP-2/DP-3 class Offshore Construction/Diving Support Vessel. The vessel features a fully MLC-2006 and IMO SPS-2008 compliant, 120 person accommodation block.

The vessel can be configured as:

- Offshore Construction Vessel
- Reel Lay Vessel
- Well Stimulation Vessel
- Diving Support Vessel

For these various tasks the vessel can be fitted out with the following options:

- DP-3 compliant layout and propulsion system.
- 250t pedestal mounted offshore crane (knuckleboom, rope luffing mast or rope luffing lattice boom with optional wire storage drum, passive or active heave compensation).
- Aluminium helicopter deck with steel support structure suitable for Sikorsky S61N/S92 with a maximum take-off weight of 12.8 t
- 18-man twin bell, four chamber saturation diving system.
- Extended accommodation for up to 160 persons on board.



Principal Characteristics

Loa	120.00 m
Lwl	115.34 m
Lpp	111.14 m
B	24.20 m
T _{design}	7.00 m
T _{scantling}	7.30 m
D	10.40 m

V	16 kn
Power Generation	4 x 2.00 kW/2 x 3.000 kW
Type of Fuel	MDO/MGO
Main Propulsion	2 x 3,500 kW azimuth thrusters aft
DP Thrusters	1 x 1.500 kW retractable
Bow Thruster	2 x 800 kW tunnel thruster
Deckload	10 t/m ²
Free Deckspace	4.166 m ²
Endurance	100 days offshore

Class notation: ABS +A1(E) +AMS + ACCU +DPS-2 OSV(Heavy Lift, FFV 2) ENVIRO GP HELIDK

Power Distribution System

Electrical Distribution 6.6 kV Switchboards in 3 separate switchboard rooms

Accommodation

Capacity 120 POB in single, and double cabins with individual attached bathroom
8 single cabins with dayroom
34 single cabins
75 double cabins

Noise level compliant to IMO A.468 (XII)

Cargo Capacities

Dry cargo 2 holds of 4690 m²

Tanks for MDO 2,000 m³
Fresh Water 800 m³

Deck Equipment

Main Crane Main Hook Capacity: 250t @ 15 m outreach
Helideck suitable for Sikorsky S61N/S92 with a maximum take-off weight of 12.8 t
Class 2 Fire Fighting equipment

Environmental conditions

Service Area Worldwide
Significant wave height, (Hs) < 3.0 m
Wind speed, 1 min. sust. (Vw) 12.5 m/s
Current speed, (Vc) 2.0 kn ◀

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DUTCH OFFSHORE INNOVATORS

Lokaal 25, de Machinist
Willem Buytewechstraat 45
3024 BK Rotterdam
THE NETHERLANDS

Telephone: +31-102210325/+31-611118642
Email: info@dutchOI.com