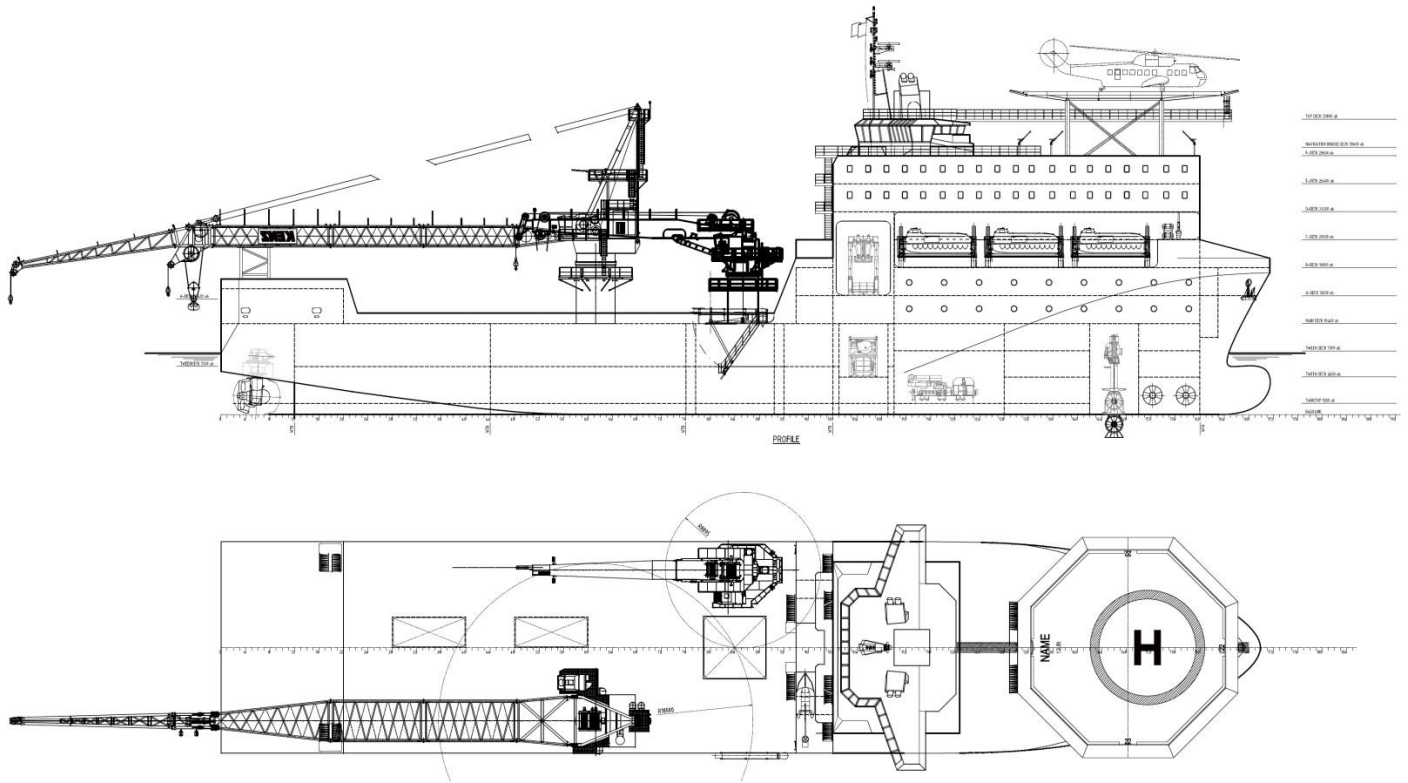




Dutch Offshore Innovators BV has prepared a design in cooperation with Astilleros ARMON S.A. for a DP-2 class Diving Support Vessel. The vessel features a 240 person accommodation block and a

200t pedestal mounted offshore crane. The vessel's main task is to stay in DP-2 mode next to offshore platforms approximately 90% of its operative time for supporting topsides and subsea (diving and ROV) IMR and construction activities. ▶



Principal Characteristics

Loa	120.00 m	V	13.5 kn
Lwl	115.34 m	Power Generation	4 x 2,800 kW
Lpp	111.14 m	Type of Fuel	MDO/MGO
B	24.20 m	Main Propulsion	2 x 2,200 kW azimuth thrusters aft
T _{design}	7.00 m	DP Thrusters	1 x 800 kW retractable azimuth
T _{scantling}	7.30 m	Bow Thruster	2 x 1,200 kW tunnel thruster
D	10.40 m	Deckload	10 t/m ²
		Free Deckspace	1,300 m ²
		Endurance	45 days offshore

Class notation: ABS +A1(E) +AMS + ACCU +DPS-3 OSV(Heavy Lift, FFV 2, SPS) ENVIRO GP HELIDK

Power Distribution System

Electrical Distribution 6.6 kV Switchboards in 3 separate switchboard rooms

Accommodation

Capacity 240 POB in single, double and 4-person cabins with individual attached bathroom, work desk and armoire/storage.

8 single cabins with attached dayroom

22 single cabins

35 double cabins

35 4-person cabins

Noise level compliant to IMO A.468 (XII)

Cargo Capacities

Dry cargo 3 holds of 533 m², 533 m² and 599 m²

Tanks for MDO 1,500 m³

Fresh Water 1,500 m³

Deck Equipment

Main Crane Main Hook Capacity: 200 t @ 12 m outreach

Auxiliary Hook I Capacity: 20 t @ 28.7 m outreach

Auxiliary Crane 60 t @ 20 m outreach

Helideck suitable for Sikorsky S61N/S92 with a maximum take-off weight of 12.8 t

Aluminium Telescopic Gangway for access to offshore platforms

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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