

DIVE SUPPORT VESSELS

300m Saturation DSV — DPS-2 Construction Support

DPS-2	300m sat / 12-man	150t crane · 2,000m WD	149 POB
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SCOPE OF WORK

A DPS-2 diesel-electric construction and diving support vessel with a 12-man saturation system rated to 300 metres and a separate 50-metre air diving spread. The 150-tonne active-heave-compensated knuckle boom crane works to 2,000 metres water depth, and an 800 m² clear deck (10 t/m²) with helideck supports subsea installation, IRM and construction diving campaigns for up to 149 persons on board.

Principal Particulars

Year built	2018
Class	ABS +A1(E)+AMS+DPS-II-EHS-C+DSV (Air & Sat)+UWILD+FiFi-1
Compliance	SPS 2008
Length overall	93.6 m
Breadth moulded	23 m
Depth, main deck	8.6 m
Summer draft	6.6 m
GRT / DWT	7,982 GT / 4,321.9 mt

Machinery & Performance

Main engines	2 x 2,500 kW + 4 x 1,600 kW diesel-electric
Propulsion	2 x 2,500 kW azimuth thrusters, 1 x 1,500 kW bow combi thruster, 2 x 1,000 kW tunnel thrusters
Max speed / endurance	12 knots / 45 days

Dynamic Positioning

DP system	Duplex + Simplex (Class III control capability)
Control modes	Joystick, heading, ROV follow, auto track/sail, cable lay & plough
References	3 DGPS/GLONASS, 2 USBL, 2 laser, 2 taut wire, 1 Radascan

Deck & Cranes

Clear deck area	800 m ² (10 t/m ²)
Main crane	150 t @ 10 m / 25 t @ 35 m, knuckle boom, 2,000 m wire
2nd crane	50 t @ 12.5 m / 5 t @ 34 m, telescopic, 500 m wire

Diving Systems

Saturation	12-man ABS-classed, 3-man bell, 300 msw design depth
Air diving	50 msw design depth, 2-man basket
Evacuation	12-man self-propelled hyperbaric lifeboat (SPHL)

Accommodation

Total capacity	149 persons
Cabins	20 single / 29 double / 17 four-berth
Medical	1 medical room, 1 bed