

DIVE SUPPORT VESSELS

200m Saturation DSV — DP-II Multipurpose Support

DP-II	200m sat / 12-man	75t crane · 650m ² deck	112 POB + divers
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SCOPE OF WORK

A DP-II multipurpose dive/ROV support vessel suited to survey, inspection and light-to-medium construction work. Its 75-tonne main crane (heave-compensated to 20 tonnes) and 650 m² clear deck work alongside a 12-man, three-chamber saturation system to 200 metres and a 50-metre air diving spread, with accommodation for 112 persons plus divers in saturation.

Principal Particulars

Year built	2005
Class	ABS+A1(E)+AMS+DP-II, Special Offshore Diving Support/Construction Vessel
Length overall	83.5 m
Breadth moulded	18.2 m
Depth, main deck	8.0 m
Design draft	5.25 m
GRT / NRT	4,001 / 1,200 tons

Machinery & Performance

Main engines	5 x Wartsila 9L20C diesel-electric, 1,862 kVA each
Propulsion	2 x 2,000 kW azimuth (Ulstein Aquamaster), 3 x 700 kW bow thrusters
Max / economical speed	12 / 10 knots
Endurance	45 days

Dynamic Positioning

DP system	Duplex, C-Series hardware/software
Control modes	Joystick manual/auto heading, DP, ROV follow, auto track/sail
References	DGPS/GLONASS, Radascan, 2 laser, 2 USBL, 2 taut wire

Deck & Cranes

Clear deck area	650 m ² (10 t/m ²), 750 t deck cargo
Main crane	75 t @ 9 m / 15 t @ 32 m, heave comp. to 20 t, man-riding certified
Auxiliary crane	30 t @ 12 m / 15 t @ 24 m
Moonpool	4 m x 4 m, aerated

Diving Systems

Saturation	12-man, 3 living chambers, 3-man bell, 200 msw design depth
Air diving	2 x LARS with 2-man basket, 50 msw design depth
Evacuation	12-man self-propelled hyperbaric lifeboat (SPHL)

Accommodation

Total capacity	112 persons + divers in saturation
Cabins	12 single / 15 double / 20 four-berth
Other	Conference rooms, gymnasium, recreation room