

AUREUS



DSV Aureus is a multipurpose worldwide offshore construction, maintenance and diving support vessel, equipped with fully redundant dynamic positioning system, saturation and surface supplied diving systems, helideck and a 50 ton Active heave compensated crane. The vessel can accommodate up to 120 personnel and is SPS compliant.

FEATURES

- 78m DP2 subsea operations vessel with a 50mT SWL knuckleboom subsea crane, active heave compensated.
- Deck space at 550 m² with operating capability down to 1,500 m water depth.
- Built-in 15-man saturation diving system capable of operating at 200m depth.
- Accommodates 120 Marine and Project crew.

SPECIFICATIONS

Classification

✠A1, DSV SAT, Offshore Support Vessel, (E), ✠AMS, ✠DPS-2

Dimension

Overall Length	78.00 m
Moulded Breadth	20.40 m
Moulded Depth	7.00 m
Summer Draught	4.66 m

Performance and Propulsion

Vessel Speed	11 knots
Dead Weight	2737 T
Work Deck Area	550 m ²
Helideck	22 m dia T=9.3T (Super Puma)

Capacities

Bunker	863 m ³
Fresh Water	1266 m ³
Ballast Water	2095 m ³

 **DULAM**
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Machinery

Main Engines	2 x CAT 2760 BHP
Generators	440V/3Ph/60Hz
Shaft driven	2 x 1600 KW (Main GE)
Desel driven	3 x CAT 590 KW
	1 x 550 KW (Emergency)
Main Propellers	2 x 1920 KW, Wartsila CS 250-S
Bow Thruster	3 x 600 KW, Wartsila LIPS CT-175
Fuel Consumption	At max speed 18 m ³ / day At economical speed 16 m ³ / day In DP mode 15 m ³ / day

Dynamic Positioning System

DP2 Kongsberg	K-POS cJoy Independent Joystick
Reference System	Kongsberg SpotTrack Laser Sonardyne Ranger 2 subsea positioning USBL Subsea Tautwire - 300m 2x Veripos DGPS 2 x VRU Kongsberg MGC Laser Gyro with inbuilt MRU K-IMS Connect

Cranes

Main Crane	50 T SWL Knuckle Boom Subsea crane, Active heave compensated at 1500m water depth
	Deck Crane 1 x 5 MT at 9m

Mooring System

Main Anchors	3 x AC – 14 Anchors, 2655 Kg
Chain Cable	2 x Chain cable; U2 53m

Diving System (ABS Class)

15 man Saturation Diving System (200 m depth designed)
3 man diving bell (Moonpool launch)
Self-propelled Hyperbaric lifeboat

Accommodation

Project Personnel	90
Marine Crew	30

Disclaimer: Specification is subject to change at owner's discretion



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