



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, 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

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

Machinery

| | |
|---------------------|---|
| Main Engines | 2 x 2760 BHP |
| 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 m3 / day At economical speed 16 m3 / day In DP mode 15 m3 / day |
| At max speed | 18 m3 / day |
| At economical speed | 16 m3 / day |
| In DP mode | 15 m3 / day |
| Generators | 440V/3Ph/60Hz |
| Shaft driven | 2 x 1600 KW (Main GE) |
| Diesel driven | 3 x 590 KW 1 x 550 KW (Emergency) |

Dynamic Positioning System

| | |
|------------------|--|
| Converteam: | DPS-2 DP System |
| Reference system | 2 x DGPS 1 x taut wire (300 m Depth) Sonardyne Accoustic System Fanbeam MDL 4.2 |

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