

VESSEL SPECIFICATIONS

| Specification | Details |
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| Vessel Specifications | |
| Length Overall | 120.80 m |
| Length Between Perpendiculars | 110.62 m |
| Breadth Moulded | 25.00 m |
| Design Draft (SWL) | 7.70 m |
| Dead-weight | Approx. 7,000 T at SWL |
| Cargo Deck Area | 1300 m ² |
| Moonpools | 2 units, each 3.9 x 3.9 m |
| Max Speed | 14 knots at design draft of 5 meters |
| Complement | 130 persons |
| Class & Certification | |
| Class | DNVGL + 1A1 - SPS - E0 - Dynpos AUTR - DK(+) - HELDK-SH, COMF-V(3) - CLEAN - DSV-SATDSV - CRANE |
| Main Crane | |
| Capacity | 140 tons @ 12 m |
| Wire Capacity for AHC Cranes | 3000 m, with personnel lifting and remote access |
| Accommodation | |
| Total Accommodation | 130 persons |
| Cabins | 28 x 1-man cabins, 51 x 2-man cabins |
| Mess Room | 60 seats for crew, 18 seats for officers |
| Additional Areas | Satellite Control Room, Dive System, Switchboard Rooms, Workshop, Dive Pantry, Diver Suit Dry & Wash areas, Project Office, ROV Workshop, etc. |
| Cargo & Tank Capacities | |
| Cargo Capacity | 7178 t @ 0 trim, 7336 t @ 1 m aft trim |
| Fuel Oil | 2070 m ³ |
| Fresh Water | 1652 m ³ |
| Water Ballast | 6328 m ³ |
| Thrusters & Propulsion | |
| Propellers | 2 x Azimuth FP, 3500 kW (frequency controlled) |
| Thrusters Fore | 2 x Tunnel Thrusters, 1930 kW (electric driven), 1 x Retractable Thruster, 1500 kW (electric driven) |
| Crane & Deck Equipment | |
| Main AHC Offshore Crane | 140 tons @ 12 m |
| Auxiliary Winch | 40 t @ 13.5 m |
| Telescopic Boom Crane | 1.6 t @ 14 m |
| Tugger Winches | 4 units, each with 7.5 t hoisting capacity and 7.5 t brake |
| Roll Reduction System | 2 passive anti-roll tanks for stabilization |
| Dive & ROV Capabilities | |
| Dive System | 18-man Twin Bell Saturation System for depths up to 300 m |
| ROV Deck | Approx. 225 m ² for ROV operations |

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| Life Saving Equipment | |
| Life Rafts | 130-person capacity |
| Survival Suits & Life Boats | 2 x Life Boats (65-person capacity), 2 x Hyperbaric Life Boats (18-person capacity) |
| Fire Safety | |
| Fire Detection System | Addressable fire detection central system for all compartments and cabins |
| Helicopter Deck | |
| Helipad | Aluminum deck for Sikorsky S92, compliant with HEUDK class notation and UK aviation regulations |
| Sky Lounge & Suites | For passenger comfort and travel |
| Navigation & Control | |
| DP System | Rolls Royce Dynamic Positioning System, DnV AUR, IMO Class II |
| Position Reference Systems | OPS 132, OPS 232, Fanbeam, Taut wire, Hydro-acoustic systems (Hipap 500/Sonodyne Ranger Pro 2) |
| Additional Equipment | Radar, Satellite Navigation, Echo Sounder, AIS, VDR, Radio Equipment, TV Parabol, Helicopter Beacon, and high-class monitoring systems |
| Speed & Fuel Capacity | |
| Max Speed | 14 knots at design draft of 5 meters |
| Fuel Capacity | 2070 m ³ |
| Fresh Water | 1652 m ³ |
| Water Ballast | 6328 m ³ |

GALLERY

