

Brief Technical Specs

GENERAL

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| Built | |
| Location | |
| Flag/Port of Registry | |
| Class | Classification Lloyds register + 100A1 diving support ship, Helicopter landing area LMC, UMS, DP(AA), CAC (3), SPS(136). |
| Type | Multi-role diving support vessel |
| IMO No. | |
| Gross Tonnage | 6064 |
| Nett Tonnage | 1820 |
| Deadweight | 2800te |

DIMENSION

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|------------------|---------|
| Length OA (Hull) | 83.64 m |
| Breath Moulded | 21.95 m |
| Depth Moulded | 9.10 m |
| Draught | 6.80 m |

PERFORMANCE

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| Full Speed | 13.0 knots |
| Economical Speed | 10.0 knots |
| Dynamical Positioning | Kongsberg SDP 21, DP (AA) |

CARGO DECK

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| Deck Area | 645m2 |
| Deck Strength | 7.0-10.0t/m2 |

TANK CAPACITIES

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| Fuel Oil | 1500 m3 |
| Ballast Water | 2626 m3 |
| Lubricating Oil | 42.2 MT |

MAIN MACHINERY

Main Engines 2 x Wartsila 6L32 engines
 Rated power 2880kW, 720rpm each
 NOx emissions Value: 11,7 g/kWh
 Fuel consumption@100% load:
 186g/kWh Coupled with 2 x Marelli M8BM710LB10 Alternator

Main Engines 2 x Wartsila 9L20 Engines
 Rated power 1530kW, 900rpm each
 NOx emissions Value 9,7 g/kWh
 Fuel consumption 100% load: 195 g/kWh Coupled with 2 x Marelli M8BM 630MB8 AlternatorHarbour

Engine
 Mitsubishi S6A3-MPTA 460KW driving Newage Stamford HC-M53 4DC 50Kva

Emergency Generator
 Mitsubishi MHI 6D24TC driving Newage Stamford HC M434E1, 690V, 60Hz

Main Azimuth Thrusters
 2 x Rolls Royce Aquamaster US 305/5200 CP (2500 kW) Retractable Azimuth Thrusters 2 x Rolls Royce TCNS [92/62-220](#) variable pitch (2000 kW) Tunnel Thruster 1 x TT-2800 DPN CP (2000 kW)

ACCOMODATION

| | |
|-----------------|---------------------|
| Total | 136 |
| Single Cabins | 20 |
| Double Cabins | 11 |
| 4 Men Cabins | 26 |
| Hospital | 1 |
| Messroom | 64 seating capacity |
| Recreation Room | 30 (non-smokikng) |
| Recreation Room | 8 (smoking) |

COMMUNICATION SYSTEMS

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|---|----------------------|
| GMDSSAREA | A1, A2, A3 |
| VHF/DSC/Radiotelephony x4 | SAILOR RT5022 |
| MF/HF DSC/Radiotelephony | SAILOR HC4500/HT4520 |
| INMARSAT C with built in EGC receiver x 2 | SAILOR TT-3000E |
| INMARSAT F | SAILOR TT 3672A |
| NAVTEX receiver | JMC NT2000 |
| COSPAS-SARSAT free float EPIRB | JOTRON TRON 40S |
| SART x 2 | TRONSAR |

DIVE SYSTEM

| | |
|-------------------------|--|
| Saturation System | Drass 18 person (Limited to 15) |
| Maximum Operating Depth | 300m |
| Main Living Chambers | 2x6 person living chambers (25.0m ²) |
| Decompression Chamber | 1x6 person living chamber (16.0m ²) |
| Living/Medical chamber | 1 x 4 person day chamber(14.2m ²) |
| Day chamber | 1 x 6 person day chamber (9.2m ²) |
| HLB evacuation chamber | 1x15 person (8.0 m ²) |

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| Living/Medical chamber | 1 x 4 person day chamber(14.2m ²) |
|------------------------|---|

| | |
|-------------|---|
| Day chamber | 1 x 6 person day chamber (9.2m ²) |
|-------------|---|

| | |
|------------------------|-----------------------------------|
| HLB evacuation chamber | 1x15 person (8.0 m ²) |
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|-----------|---------------------------------|
| Port Bell | 1x3 person (5.4m ²) |
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|----------------|------------------------------------|
| Starboard Bell | 1 x 3 person (5.4 m ²) |
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| Gas Storage | Mix Gas storage 88 bottles = 18832m ³ Air storage 4 bottles = 856m ³ Clean Gas Storage 2 bottles = 428m ³ Dirty Gas Storage 2 bottles = 428m ³ |
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| Dirty Gas | 2 x 200bar (535litre) |
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| HP Gas Transfer Compressor | 2 x Rix 35 cfm (200bar supply) 1 x Compair compressor 65 cfm (200bar supply) |
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| LP Air | Ingersot Rand UP630200 360 CFM (8bar supply) |
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| Diver Gas Reclaim | 4 x Corken 11.4 cfm (70bar supply) |
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| Air Diving | 1 x Air dive chamber, 2 x basket deployment skidDive |
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| Moonpool | 2 x moonpool (port / starboard) |
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DECK CRANES

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| Main Crane | Hydramarine |
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| Main Hoist | SWL 150t @ 5.5m to 10m |
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| Main Hoist (AHC) | SWL100t@ 5.5m to 15m |
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| Whip Line | SWL15t@ 6.5m to 37m |
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| Auxiliary Crane | Dreggen |
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| Deck lifts | SWL10t@ 5m to 18m |
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| Subsea lifts | Restricted to 2t |
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| Provisions Crane | SWL 1t |
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HELIDECK

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| Eurocopter | 225 |
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| Maximum "D" Value | 19.50m |
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| Maximum Take off Weight | 11te |
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| Heli-beacon | Tele supply A.S., type TS-20B |
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