

ALTUS EXERTUS



VESSEL DATASHEET

GENERAL SPECIFICATION

| | |
|----------------------|---|
| Classification- | ± 1A1, DSV SAT, DSV Air, DYNPOS, EO, HELDK, ICE-C |
| Build Location | Wartsila Shipyard, Turku, Finland-1981 |
| Flag State Authority | Liberia |
| Port of Registry | Monrovia |

MAIN PARTICULARS

| | |
|------------------------|--------------|
| Overall Length | 83.00 m |
| Breadth | 16.02 m |
| Depth Main Deck | 7.80 m |
| Draught Moulded | 5.512 m |
| Deadweight | 1500 Tonnes |
| Gross Tonnage | 3,080 Tonnes |
| Net Tonnage | 924 Tonnes |
| Design Draft | 5.5m |

ENGINE POWER & PROPULSION

MAIN ENGINES GENERATORS

2 x Wartsila Vasa 6R32 Engines

- Rated power 1820 KW@750rpm each

1 x Wartsila Vasa 8R32 Engine

- Rated power 2470 KW@750rpm

Harbour Engine

1 x Cummins KTA 1150 C Diesel Engine 425 BHP at 1500rpm driving Stromberg HFPT 7160 alternator, 300KW, 380v, 50Hz

Emergency Generator

1 x Cummins KTA 1150 G Diesel Engine 425 BHP at 1500rpm driving Stromberg HFPT 3160 alternator, 300KW, 380v, 50Hz

Main Propellers

- 2 x Stromberg HK VOL 111644 electrical motors each rated 1470 KW,

RETRACTABLE AZIMUTH THRUSTERS

1 X Stromberg HXUR 1009G3 electric motor rated at 1100KW, 994rpm driving 1 X Liaaen TNCR 92-/68-216

BOW THRUSTERS

1 X Stromberg HXUR 1005G3 electric motor rated at 1100KW, 994rpm driving 1 X Liaaen TT83/68-200

STERN TUNNEL THRUSTERS

2 X Stromberg HXUR 100INS electric - 450KW 993rpm

DECK CRANES

| | |
|-------------|--|
| Main Cranes | Starprodukter Bra vaas A/S 30/50T SWL Hydraulic Deck Mounted Jib Crane Minimum working radius 4m Maximum working radius with 50Te-8m Maximum radius 17.4m with 15Te |
|-------------|--|

DYNAMIC POSITIONING SYSTEMS

| | |
|-------------------|--|
| DP System | Kongsberg Simrad SDP521 |
| DP Classification | DYNPOS-AUTR (Class II) |
| Reference Systems | 2 DGPS, 1 HiPAP, 1 HPR 400 2 Tautwire Bandak MK-5 1 Fan Beam MDL-4 |

DP OPERATIONS

DSV Operations inbuilt Air and Saturation Diving
ROV operations
Subsea installation works (Manifolds, Plets, Plems etc)
Spoolpiece tie ins
Umbilical and Flexible flowline installation
Geotechnical and worksite survey
Subsea Crane operations

APPROXIMATE FUEL CONSUMPTIONS

| | |
|----------------------|--|
| Transit Speed | 10m ³ /24 hours (9 knot-economical transit speed) |
| Endurance | 60 days |
| Full Speed | 17m ³ /24 hours (11 knot-full speed) |
| DP Rough | 14m ³ /24 hours |
| DP Moderate | 12m ³ /24 hours |
| DP Calm | 10m ³ /24 hours |
| Harbour | 2m ³ /24 hours (on one main engine) |

ACCOMODATION

| | |
|--------|---------------------------------|
| Berths | 80 (+12 in Saturation Chambers) |
| Cabins | 50 |

MAIN DECK

| | |
|-----------------|---------------------|
| Clear Deck Area | 325 m ² |
| Deck Strength | 2.5t/m ² |

DIVE SYSTEM

12 Man Saturation Dive System with 1 X 4.6 cu. meter Bell
Maximum Operating Depth - 193 MSW
Air Dive System
2 X Air Dive LARs + 2 Twin Lock DDC