

Technical Specification

SEA SWIFT

ULSTEIN PX105 CD



DEEP SEA SUPPLY



| MAIN DESCRIPTION | | MEASUREMENT | |
|------------------|--|----------------------|--------|
| Type : | ULSTEIN PX105 | Lenght oa : | 88.8 m |
| Classification : | DNV+1A1, ICE-C, OFFSHORE SERVICE VESSEL, OILREC, SF, LFL*, COMF-V(3), E0, DYNPOS-AUTR NAUT-OSV(A), CLEAN DESIGN, DK(+), HL(2.8) FIRE FIGHTING 1. | Lenght bpp : | 82.0 m |
| | | Breath : | 19.0 m |
| | | Depth to main deck : | 8.0 m |
| | | Draught max: | 6.6 m |
| | | Design draught : | 6.0 m |
| Built: | 2014 | Deadweight : | 4557 t |

| CARGO CAPACITY | | CARGO DISCHARGE PUMPS | |
|-------------------------|--|------------------------------|--|
| Cargo Deck Area : | 1025 m2 | Fresh Water Cargo Pump : | 1 off x 150 m3/h @ 9 bar, Allweiler NAM80-200 |
| Cargo Deck Strength : | 10 t/m2 aft of fr. 49 /5 t/m2 fwd. of fr. 49 | Brine Pump : | 2 off x 100 m3/h @18 bar, Allweiler SHP1450 |
| Deck Load : | 2900 t | Base Oil Pump : | 1 off x 150 m3/h @ 9 bar, Allweiler NB65-200 |
| Fuel Oil : | 1078 m3 | Drill / Ballast Water Pump : | 2 off x 150 m3/h @ 9 bar, Allweiler NAM80-200 |
| Fresh Water : | 581 m3 | Fuel Oil Cargo Pump : | 1 off x 150 m3/h @ 9 bar, Allweiler 216.105 |
| Ballast/Drillwater : | 2190 m3 | Mud Pump : | 2 off x 100 m3/h @18 bar, Allweiler SHP1450 |
| Liquid Mud : | 871 m3 | LFL Pump : | 2 x 100 m3/h @ 7 bar, Allweiler CNB(SF) 50-250 |
| Brine : | 365 m3 | | |
| Dry Bulk : | 320 m3 | | |
| Base Oil (comb with FO) | 225 m3 | | |
| LFL | 145 m3 | | |
| ORO | 1382 m3 | | |

| EQUIPMENT | | | |
|--------------------|---|-----------------------|---|
| Main Propellers : | 2 off x Rolls Royce Azimuth Thrusters AZP100FP 2500kW | Emergency Gensets : | 1 off x Caterpillar C9, 232kW @1800rpm |
| Diesel Generators: | 4 off x Caterpillar 3512C, 1628kW @1800rpm | Bow Thrusters : | 2 x 880 kW Rolls Royce Tunnel Thrusters |
| Alternators: | 4 off x AVK DSG 86K1-4W @1550kW, 690V, 60Hz | Fight Fighting System | FiFi 1 with dispersant system |

| PERFORMANCE | | ACCOMODATION | |
|--|--|--------------|------------|
| Trial speed at 100% load on each of the azimuth drive shafts, at 5.0 m draught, clean hull and with Sea state 0 - 1 to be approx 15.5 knots. | | Total: | 26 persons |

| ROLL REDUCTION SYSTEM | |
|--|--|
| 3 off Passive roll reduction tanks. Medium shall be ballast water. | |

| DECK / AHL EQUIPMENT | | RESCUE EQUIPMENT | |
|----------------------|---|------------------|--|
| Tugger Winch : | 10 t pull | Life Rafts : | 4 off x Viking DK35+ Rafts, two on each side |
| Deck Crane : | 1 x SWL 2 t at 13 m outreach | FRB : | Mako 655 Water Jet Rescue Boat (6 - 15 man) |
| | 1 x knuckle boom crane 2 T SWL at 15 M outreach | Davit : | Redrock RDA36 Davit |
| Hoisting Winches : | 2 x tugger winch, 10 t pull | Dacon Scoop : | 6 M |
| Windlass : | 1 off, 10/15 t pull and chain stoppers | | |
| Capstans : | 2 off, 10 t pull | | |

| NAVIGATION AND COMMUNICATION EQUIPMENT | | | |
|--|---|----------------------|--------------------------|
| Dynamic Positioning : | Kongsberg K-Pos DP21 | AIS: | SAM Electronic SAM 3410 |
| | 2 off x Operator Stations | SSAS: | Thrane & Thrane TT6120A |
| | 1 off x Redundant Controller | GPS : | 1 x Furuno GP-150 |
| | 2 off x UPS Power Supplies | Gyro Compasses : | 3 x Anschutz Standard 22 |
| | 1 off x Printer | Echo Sounder: | Furuno FE-700 |
| Joystick : | 1 off x Kongsberg IJS | Speed Log: | Furuno DS-80 |
| Reference Systems : | 2 off x Gill OMC-139 | Inmarsat-C: | Thrane & Thrane TT3020C |
| | 1 off x Radar Scan Reference System | VHF Radiotelephones: | Thrane & Thrane TT6222A |
| | 1 off x CyScan Laser Reference System | Navtex: | Furuno NX-700 |
| | 2 off x Seatex DPS110 | Magnetic Compass: | Anschutz Reflecta 1 |
| | 1 off x Seatex MRU-D | Autopilot: | Anschutz Pilotstar D |
| Roll Reduction System : | 3 off x Passive Roll Reduction Tanks | MF/HF DSC: | Sailor 6300 |
| Radar Plants : | 1 off x SAM Electronic X-Band Radarpilot Platinum | VDR: | SAM Electronic VDR4350 |
| | 1 off x SAM Electronic S-Band Radarpilot Platinum | | |
| ECDIS: | 2 off x L3/SAM Electronic ECDISpilot Platinum | | |