



Eidesvik



Seven Viking

Your Partner in Shipping

SEVEN VIKING

| | |
|-----------------------|--|
| Signal letters | LCPX |
| IMO No. | 9619373 |
| Design | Ulstein SX 148 |
| Built | 2013 at Ulstein Yard (No. 295) |
| Homeport | Haugesund |
| Inmarsat F | |
| Inmarsat C Telex..... | 425797310 |
| Inmarsat C Telex..... | 425797311 |
| Iridium | +881622447119 |
| ECR | +47 53447085 |
| Capt | +47 53447086 |
| Chief Eng | +47 53447087 |
| Electrician..... | +47 53447088 |
| Medic | +47 53447089 |
| Bridge..... | +47 53447090 |
| MMSI..... | |
| Owned by..... | Eidesvik Seven AS |
| Operated by | Eidesvik AS |
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CLASS NOTATION AND REGULATIONS

DNV +1A1, Well Stimulation Vessel, SF, E0, DYNPOS-AUTR, CLEAN DESIGN, LFL*, NAUT-AW, COMF-V(3), COMF-C(3), ICE-C, DEICE, HELDK-SH

Register notations:

SPS Code 2008

PRINCIPAL DIMENSIONS

| | |
|---|----------------|
| Length o.a. | 106,50 m |
| Length b.p.p. | 100,00 m |
| Breadth mld..... | 24,50 m |
| Depth to main deck | 11,50 m |
| Design draught..... | 6,50 m |
| Draught max..... | 8,00 m |
| Free board at operational draft..... | 5.00 m |
| Gross tonnage..... | 11.266 |
| Net tonnage..... | 3.380 |
| Deadweight at operational draught | approx. 1950 t |
| Speed max | 17 knots |

CAPACITIES

| | M ³ | SP.GR. | T |
|----------------------------------|----------------|--------|--------------------|
| Fuel oil..... approx. | 2073 | 0,870 | 1783 |
| Potable water approx. | 1493 | 1,000 | 1493 |
| Ballast | approx. 3340 | 1,025 | 3423 |
| Brine..... approx. | 555 | 2,500 | 1390 |
| LFL*..... approx. | 509 | 1,200 | 610 |
| Max deck-load | | | 500 t |
| Max deadweight..... | | | 6000 t |
| Length, clear cargo deck | | | 27 m |
| Breadth, clear cargo deck | | | 24,5 m |
| Cargo Deck Area (open deck)..... | | | 880 m ² |
| ROV Hangar..... | | | 220m ² |

DECK WITH EQUIPMENT

| | |
|---|-------------------|
| Deck strengthened | 10 t/m2 |
| Container locks..... | Main deck |
| Work moonpool | 1 off 7,2 x 7.2 m |
| Moonpools are fitted with damping devices. | |
| Main deck wooden covered partly, rest GRP grating. | |
| Work class ROV Schilling | 2 off |
| OBS ROV Mohican | 1 off |
| Hydr. operated folding doors for WROV(b x h) 5x10 m | 2 off |
| Hydr. operated folding doors for OBSROV(b x h) 5x10 m | 1 off |
| Door aft in MHS hangar..... | 7 x 14m |
| Removable bulwark, Stb side Fr.3-30 | |
| Project store/ROV store/CPI store.. .. | 1/1/2 off |
| ROV Work Shop EL/ Mechanical | 1/1 off |
| Deck Work Shop/Welding workshop | 1/1off |

OFFSHORE CRANE

| | |
|--|----------------|
| Knuckle boom crane..... | 1 off |
| Main hoist | 135t at 25 m |
| Max / min working radius..... | 24/6,5 m |
| Active heave compensating and constant tension | |
| Main drum wire capacity..... | 2000 m |
| Whip hoist | 13,5 t at 30 m |
| Max working radius | 30 m |
| Whip hoist drum wire capacity..... | 1000 m |
| Active heave compensating and constant tension | |
| Hydraulic operated deck crane 1,5 t at 9 m..... | 1 off |
| Hydraulic operated deck crane 3,8 t at 9 m..... | 1 off |
| Hydraulic operated deck/skid crane 1,5 t at 11 m 1 off | |
| Hydr. folding prov crane, 2 t SWL at 15 m..... | 1 off |

SCALE TREATMENT SYSTEM

| Type | M ³ /Hour | Bar | Type | Drive/Pump |
|------------------------|----------------------|------|------|------------|
| Dosing pump | 3-15 m3/h... | 2-6. | | 4 off |
| Booster pump | 50-168 m3/h... | 9. | | 2 off |
| Scale treatment p | 934 l/min... | 345 | | 4 off |
| RFO pump... | 87 m3/h... | 60 | | 1 off |
| LFL discharge p | 10-84 m3/h | 2-9 | | 5 off |
| MEG pump | 3-30 m3/h | 2-6 | | 1 off |
| Mixing system agitator | | | | 2 off |
| Filter | 5-80 my | | | 2/1 off |

TRANSFER / DISCHARGE RATES

| Type | M ³ /Hour | Bar | Type | Drive/Pump |
|------------------|----------------------|------|----------------|------------|
| Fuel Oil | 0-150 m3/h... | 9,0. | | 2 off |
| Fresh Water | 50-150 m3/h... | 3,0. | | 2 off |
| Ballast | 0-250 m3/h... | 9,0 | | 2 off |
| Antiheeling pump | 700-1400 m3/h | | propeller pump | 2 off |

SIDE THRUSTERS

| | |
|-----------------------------------|-------------|
| Bow thruster (tunnel) | 1 x 1700 kW |
| Bow thruster (retractable) | 1 x 1400 kW |
| Bow thruster (retractable/tunnel) | 1 x 1400 kW |

MANOUEVERING AND POSITION

| | |
|--|-------|
| Complete integrated manoeuvring, thruster control and vessel management system according to DNV ATR DP2 System K-POS | 1 off |
| High Precision Acoustic Positioning System | 2 off |
| DGPS Systems | 4 off |
| Side Scan Laser System | 1 off |
| Radius | 1 off |
| Seapath 330 | 2 off |

NAVIGATION EQUIPMENT

| | |
|---|-------|
| Radar, 10 cm with ARPA function & chart radar | 1 off |
| Radar, 3 cm with ARPA function | 1 off |
| Voyage Data Recording System (VDR) | 1 off |
| AIS System | 1 off |
| EI. Chart System (IMO appr/paperless ch) | 2 off |
| Gyro compass | 3 off |
| Autopilot system | 1 off |
| Echo sounder | 1 off |
| Doppler log system | 1 off |
| Wind Sensors | 3 off |
| Navtex rec | 1 off |

COMMUNICATION SYSTEM

| | |
|----------------------------------|-------|
| HF / MF Radio Plant acc GMDSS A3 | 1 off |
| VHF with DSC | 2 off |
| VHF simplex | 6 off |
| Inmarsat C | 2 off |
| Broad Band 150 | 1 off |
| Portable VHF acc to GMDSS | 3 off |
| UHF, fixed | 4 off |

| | |
|---|---------|
| Helicopter VHF com. system fixed/portable | 2/3 off |
| Lifeboat radio system | 2 off |
| Radar transponders | 2 off |
| Portable UHF w headset for helmet | 6 off |

| | |
|--|-------|
| Integrated Intercom digital system for voice, data, Audio / Video, Loud hailing / Talk back, alarm system Distribution | 1 off |
|--|-------|

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|---|-------|
| Satellite telephone system with min 2048Mbps capacity in both direction including Audio conference system | 1 off |
|---|-------|

| | |
|--|-------|
| Integrated Closed Circuit TV system, indoor and outdoor monitors with 32 off cameras | 1 off |
|--|-------|

ANCOR AND MOORING EQUIPMENT

| | |
|---|-------|
| Anchors, stockless 5250kg | 2 off |
| Windlass/mooring winches with decluchable double drum | 2 off |
| Mooring winches, cap 10 ton | 2 off |
| Electric storage winch for mooring line | 4 off |

COMMON HYDR SYSTEM

| | |
|--|-------|
| Common ring main system with power pack, capacity 900 l / min at 260 bar | 1 off |
|--|-------|

GARBAGE DISPOSAL PLANT

| | |
|---|-------|
| System/containers for waste segregation | 1 off |
| Incinerator, cap 730.000 kcal /h | 1 off |

LIFESAVING EQUIPMENT

| | |
|--|---------|
| Mob boats 15 persons, 32-34 kn | 1 off |
| Enclosed lifeboat capacity 50 persons | 2 off |
| Life-rafts for 65 persons according to rules. | 2 off |
| Survival suits | 135 off |

ACCOMODATION

Vessel has accommodation for 90 persons.

| | |
|--|--------|
| State Cabin | 5 off |
| Single Cabins | 59 off |
| Double cabins | 13 off |
| Dayroom..... | 2 off |
| Game room | 1 off |
| Mess room / cafeteria..... | 1 off |
| Change room | 2 off |
| Laundry | 1 off |
| Gymnasium..... | 1 off |
| Dry room | 1 off |
| Coffe shop..... | 1 off |
| Galley..... | 1 off |
| Dish wash room | 1 off |
| Scullery / provision handling room | 1 off |
| Meeting Room (w/30 spaces) | 1 off |
| Operation/ROV Control Centre (w/16 spaces) | 1 off |
| Project office areas (w/2-3 spaces).. | 3 off |
| Client office (w/2 spaces) | 1 off |
| Client office (w/1 space) | 1 off |
| Ships office (w 2 spaces) | 1 off |
| OM office (w/1spaces and meeting table) | 1 off |
| Health office (hospital)..... | 1 off |
| Ships lobby..... | 1 off |

LIFT FOR PASSENGERS AND STORE

Lift for stores and passengers (max 1250 kg and 16 persons) from Main deck to E deck

HELICOPTER DECK

Helicopter deck for Sikorsky S-92,
D-value 20,88, D 26,1 m and weight 12,8 T

MACHINERY AND PROPULSION

Main propeller plant

Type / No.....3 x Steerprop SP 35 CRP
Rating..... 3 x 3000 kW
Diameter, approx. 3200/2600 mm
Speed of propellers

Boilers

Central heating boiler, min 1.500.000 kcal/h 1744kW1 off

Motor Aggregates

Make

| | |
|----------------|----------------------------|
| Type / No..... | 2 off 9M32 and 2 off 6M25C |
| Rating..... | 2x 4320 kW and 2 x 1800 kW |
| RPM | 600 (9M32) / 720 (6M25) |

Battery/Energy Storage System:

Make/Type Westcop Power & Automation ESS / Corvus
Capacity/Rating..... 1456kWh / 2400kW

Emergency Aggregate

Volvo Penta D 16 MG and Stamford Generator..1 off
Rating..... 450 kW

FRESH WATER GENERATORS

Fresh water generators 15m3/d

AUTOMATON SYSTEM FOR MACHINERY

Complete integrated automation system for all main machinery components and systems, vessel control systems, thruster control system and crane / deck handling systems..... 1 off

FIRE FIGHTING SYSTEMS

Machinery spaces covered by Water Mist System
Complete integrated Fire detection system

ELECTRIC POWER SYSTEM

| | |
|--|-------|
| Main generators, 4320 kW..... | 2 off |
| Main generators, 1800 kW | 2 off |
| Azimuth propulsion motors, 3000 kW | 3 off |

| | |
|--|-------|
| Tunnel thruster (fwd) 1700 kW | 1 off |
| Tunnel/retractable thruster (fwd) 1400 kW1 off | |
| Retraceable thruster (fwd) 1400 kW | 1 off |

| | |
|--|-----------|
| Main switchboard 690/440/230 V | 3/2/2 off |
| Emergency Generator | 1 off |
| Emergency Switchboard 440/230 V | 1 off |
| ROV/Utility Switchboard 690/440 V..... | 2 off |



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