



Subsea Viking

Eidesvik

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M/V SUBSEA VIKING

Signal letters LJJL
 Design VS 4103 MPSV
 Built Umoe Sterkoder AS
 Kristiansund
 Home port Haugesund
 IMO nr. 9182899
 Telephone NMT 450 945 00 934
 GSM Tel 907 42 109
 Fax 954 12 109
 Data..... 954 12 109
 Inmarsat B Bridge 325 95 78 10
 Tel 325 95 78 11 (2 stp dial)
 Tel 325 95 78 12 (spare)
 Fax 325 95 78 13
 Telex 325 95 78 14
 Data..... 391 01 39 45 (64 Kb)
 Inmarsat C 425 95 78 10

MF / HF Radio telex

MMSI..... 259 578 000
 Owned by Eidesvik Shipping AS
 Operated by Eidesvik
 N-5443 Bømlø
 Norway
 Telephone Internat.: (+ 47) 53 44 80 00
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CLASS NOTATION

Det Norske Veritas

+ 1A1 -Supply Vessel, SF, Dynpos AUTRO, E0,
 (LFL*) SBM Helidk - SH, Crane, DK unlimited trade,
 IMO/NMD dyn pos Class 3

PRINCIPAL DIMENSIONS

Length o.a. 103 m
 Length b.p.p. 88,8 m
 Breadth mld..... 22,0 m
 Depth to main deck 9,60 m
 Draught summer 7,85 m
 Free board..... 1,75 m
 Length, clear cargo dk..... 51 m
 Breadth, clear cargo dk 19,4 m
 Deck Area 1100 m²
 Light weight 5124 -T
 Dead weight 6874 -T

Displacement..... 11998 T
 Gross tonn 7401 T

CAPACITIES

	App. M3	Sp.gr.	Weight
	M3		MT
Fuel oil	2652	0,870	2307
Potable water.....	549	1,000	549
Drill water/ballast	2212	1,025	2267

Stability system:

3 passive stab tanks
 Anti heeling system, with pump

MACHINERY AND PROPULSION

Main engines:

Make MaK
 Type/No 4 x 9 M 25
 Rating 4 x 2610 Kw RPM720

Main propulsion:

Make 2 x Ulstein
 Type..... TNC/M-320
 Diam. 3200mm
 Rpm. 0-225
 Rating 2 x 2750 Kw

Eng/Harbour Gen:

Type..... Mitsubishi S6R-MPTK
 Generators:..... 635kw/1800 RPM
 Make/Type..... Newage Stamford, HCM 634G
 Capacity..... 3 x 440V, 60 Hz, 750 KVA

SIDE THRUSTERS

Bowthruster: 2 x Brunvoll
 FU - 80 - LTC - 2000
 Rating 2 x 1200 Kw
 RPM..... 227

Azimuth (bow)..... 1 x Ulstein
 TCNS 83/M-220
 Rating 1200 Kw
 RPM..... 0 - 236

ELECTRICAL PLANT

Generators:

Make4 x Siemens/ Hyundai
 Type HF J5 800 - 10
 Rating.....2400 Kw / 720 RPM
 3 x 690V/60Hz

Switchboards:

MakeSiemens
 TypeS404-S 10
 Range..... 690/450/230/115 V

EI Prop. Motors:

MakeSiemens
 Type 1RN2635-6HU
 Rating.....2 x 3000 Kw
2 x Masterdrives, 12 puls
 Transformers..... 2 x 3750 KVA - 690 V

FUEL CONSUMPTION

Condition	Knots (approx.)	t/day (approx.)
Full speed ballast cond	15,0	29,0
Service speed ballast.....	14,0	21,3
Economic speed ballast cond.	12,0	16,0
Economic speed draft 6,0 m	12,0	16,6
Service speed draft 6,0 m	14,0	22,5
DP condition, 2400 Kw.....		11,5

DECK EQUIPMENT

Tugger winches..... 2 x Ulstein Brattvåg
 Type/Cap..... AKMK 41012/12T
 Capstan(s)..... 2 x Ulstein Brattvåg
 Type/Cap.....CM 4185/10T
 Provision crane fwd..... Dragger, 1,5T

AdditionsI deck cargo Several fastening position in the fastening the deck, independent changeabel between pin, rollers or eyes

MOORING EQUIPMENT FORWARD

Make / Type UlsteinBrattvåg
 Type/Cap.....BFM22052/10T
 Anchors..... 2 off SPEK
 4590 Kg (each)
 Anchors chain2 off 200m / 1 off 230m

NAVIGATION

Magnetic Compass..... Bergen Nautic
 DGPSPhillips (Leica) MK 10 D
 Gyro compass2 x Robertson RGC 11
 Gyro compass 1 x SG Brown Meridian
 Doppler logJRC JLN 203
 Radar 3 cm 1 x Raytheon Patfinder
 C3425/7 SU Arpa
 Radar 10 cm 1 x Raytheon Patfinder
C3430/12 SU (Arpa)
 Echo sounder Skipper GDS 101,
 38 kHz transducer
 Ecdis 3 cm..... Kongsberg Simrad SPS
 Wind Sensor's 2 x Dief

MANOEUVRING, POSITIONING AND VESSEL MANAGEMENT SYSTEM

Compete integrated manoeuvring, dynamic positioning and vessel management system:

Dynamic Positioning..... Simrad SDP 22 and SDP 12
 Reference Fanbeam laser system / MDL
 Manoeuvring System..... Kongsberg Simrad STC
 Manual Joystick..... Kongsberg Simrad STC/OT
 Reference 3 x DGPS Sercel N203
 Fanbeam laser system
 and Hipap system
 Management System..... Kongsberg Simrad SVC
 and Alarm System

ACCOMMODATION

Day room/mess

No smokers 2 off
 smokers 1 off
 Laundry..... 1 off
 Gymnasium 1 off
 Cabins state..... 8 off
 1. man..... 16 off
 2. man 23 off
 on - line off..... 1 off
 conf. room/off..... 1 off
 Client off. 1 off
 Helideck reseption 1 off
 Office Ships off 1 off
 ROV control room..... 3 off

All cabins with toilet and shower

Manning Maritime crew, appr 20 pers
 Project crew, appr 50 pers
Total 70 pers

LIFE-BOAT

Type 2 x Norsafe 8,85 "MIRIAM"
 Dimension Loa 8,95xBoa 3,10xH 3,56m
 Capacity 70 persons
 Weight, incl eqipm 5.100kg.
 Engine Sabb L4
 Regulation SOLAS 1983/92 92 MODU
 Lifeboat Davit Vestdavit H 9000

LIFESAVING AND RESCUE EQUIPMENT

MOB-boat 1 x Norsafe Magnum 750
 Dimensions Loa 7,50 x Boa 2,90 x H 2,05
 Capacity 10/15 (Norwegian/ UK sector)
 Engine Yanmar 4HI-STE 230 HP
 Speed 26 knots with 3 person
 Regulation SOLAS 83/92 MODU
 MOB Boat Davit Vestdavit PL 3000
 Liferrafts 6 off 25 person's
 Make DSB LR 97L - N/25
 Liferaft davits 2 x Scath-Harding
 Type SRR 360/3 65121
 Fire alarm system Autronica

COMMUNICATION

Radio Plant GMDSS A3
 Make Furuno
 Type FS 5000 (400w)
 Telex/autotelex Fruno DP 9
 Inmarsat B Furuno Felcom 81 CL
 Inmarsat C Furuno Felcom
 12/2X IC 300
 VHF 3 x Furuno
 FM 8700 dupl.
 VHF Portable 3 x Furuno
 FM 8000 simpl.
 UHF Motorola MC 2100
 UHF Portable 4 x Motorola GP 900
 Heli Communication Jotron 610

Motion sensor Seatex MRU-H
 Heli. Com. Portable 2 x Jotron 960
 Navtex Reciever Furuno NX 500
 Weather Faximile Furuno Fax 208
 EPIRB 1 X Jotron Tron 40 S
 Radar transponder 2 x Jotron, Tron Sart

SPECIAL FACILITIES FOR ROV'S

ROV facilities

Power Supply 690/450/230115 V
 several outputs.
 Hydraulic supply; 0-930 ltr. At 290 bar
 several outputs
 Cooling water supply 4 bar/40 m3/hrs.
 several outputs
 Fuel supply 3 bar / 4,8 m3/hrs.
 starboard side
 Air supply 100 psi/50 m3/hrs.
 several outputs.
 Rov moonpool
 Bottom hatch Hydr. Operated / Type Aktro

HELIDECK

Helideck D=19,5
 Make Hydro Aliminium
 design for Super Puma (10t)

MAIN CRANE

1 off Huisman-Itrec
Capacity
 Main hoist 100t/10m
 50t/20m
 600m (1500 max)
 Single fall
 Main hoist wire length 1500 m 70 mm
 Aux hoist 15t/8,5 - 30m
 600 m
 single fall
 Wip line wire length 1500 m 36 mm
 Tugger winches On stb and port side
 of the crane.
 Huisman/8t.
 Wire length 110m. 22mm

ON CARGO DECK

Work moonpool:

Opening..... 6,6 x 6,0 m
 Top Hatch..... Bolted
 Bottom Hatch Conn to top hatch

Rov moonpool:

Opening..... 6,0 x 5,4 m
 Top Hatch..... El. Operated
 Type Mac Gregor
 Bottom Hatch Hydr. Operated
 Type Akro

Side Doors

Type Mac Gregor
 Hydraulic Operated
 Size, Opening 4.2 x 8.2 m Stb side
 6.0 x 8.5 m
 Aft Bulkhead

Rov facilities:

Power supply 690/450/230/115 V
 Several outputs
 Hydraulic Supply 0 – 930 ltr. At 290 bar
 Several outputs
 Cooling Water Supply 4 bar / 40 m³/hrs.
 Several outputs
 Fuel Supply 3 bar / 4,8 m³/hrs.
 Several outputs
 Air Supply 100 psi / 50 m³/hrs.
 Several outputs

CARGO DECK STRENGTH

General 5 tons/m²
 Local Bars flush with wooden
 deck as shown on GA
 for fastening of equipment

Longitudinal bars 40t anywhere on
 1 meter

Transvers bars

Aft of moonpool 110t anywhere on 1meter
 Forw of moonpool 26t anywhere on 1 meter

2m around

work moonpool work 10t / m²

Stern: Rounded and strength
 transom stern in 18m
 with removable bulwark

Bulwark: Removable bulwark Stb
 And port side
 fwd and Stb. Aft of
 main crane

Carousel max load 1200 t

ROV handling Through moonpool and
 Overboard Stb. Side
 Overboard through
 hangard trolley arr
 2 W ROV rated to
 3000 m Waterdept
 1 OBS ROV

