



SUBSEA VIKING

Signal letters LJJL3
IMO No. 9182899
Design..... VS 4103 MPSV
Built..... 1999
Yard Umoe Sterkoder AS, Kristiansund
Yard no. 188
Home port Haugesund - Norway
Owned by..... Eidesvik Shipping AS
Operated by Eidesvik AS
Vestvikvegen 1, N-5443 Bømlø, Norway
Telephone..... +47 53 44 80 00
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CLASS NOTATION

DNV-GL *1A1 DK(+) DYNPOS-AUTRO E0 HELDK-SH
ICE-C SF

PRINCIPAL DIMENSIONS

Length LOA.....103,00 m
Length LPP88,80 m
Breadth moulded.....22,00 m
Depth to main deck 9,60 m
Draught (summer) 7,85 m
Freeboard (at summer draft) 1,75 m
Cargo Deck Area.....approx..1030 m²
Hangar Area.....approx..270 m²
Length, clear cargo deck 50,6 m
Breadth, clear cargo deck 21,8 m
Gross tonnage 7401 MT
Net tonnage 2220 MT
Deadweight (even keel at summer draft) 6350 MT
Deck load capacity TBN

CAPACITIES

	m ³	Sp.gr.	MT
Fuel oil	2652	0,870	2307
Potable water	549	1,000	549
Drill water/ballast.....	2212	1,025	2267

ANTI HEELING/STABILISING

Anti Heeling System..... 338 m³ (6 tanks)
Pump Type/Capacity.....Helix - 1000m³ / hr @ 0,9 bar
Roll reduction tanks..... 3 passive tanks

DECK, MOONPOOLS & HANGAR AREA

DECK STRENGTH:

Generally 5 MT/ m²
Around Work moonpool (2m) 10 MT/ m²
Bars flush with woodendeck, Longitudinal..... 40T/m
Transversal bars (aft&fwd of moonpool)..... 110T&26T/m

CARGO SECURING:

Cargo fastening positions in deck (pins/rollers/eyes)

BULWARKS:

Rounded and strengthened transom stern with removable bulwark. Removable bulwarks FWD (SB&PS) AND AFT (SB)

WORK MOONPOOL:

Opening 6,6 m x 6,0 m
Hatches Bolted top Hatch
Bolted bottom hatch connected to top hatch

ROV MOONPOOL:

Opening 6,0 m x 5,4 m
Top Hatch MacGregor, El. Operated

HANGAR DOORS:

Side door SB..... Mac Gregor Hydraulic Op., 4,2 m x 8,2 m
Aft Bulkhead 6,0 m x 8,5 m

ROV HANDLING:

Through moonpool and Overboard SB Side (hangar trolley arrangement)
WROV arrangement2 off
OBS ROV arrangement1 off
Power supply690/450/230/115 V
ROV Utilities ..Hydraulic, Cooling Water, Fuel & Air Supply

OFFSHORE CRANE

Make/Type Huisman-Itrec A8630
Main hoist, single fall.....76T@12m / 50T@20m
1570m (net 1450m) Wire Ø70mm
Whip hoist, single fall 15t@8,5m to 30m
600m Wire Ø36mm
Tugger Winches Huisman..... 2 x 8T, 110m Wire Ø22mm

CAROUSEL

Carousel Storage Ø16,0m/5,0m – Height 4,3m
max load 1200T

HELIDECK

Make / Type Hydro Aluminium / Aluminum
Helideck dimensioning D=19,5 / 9,3t

MACHINERY AND PROPULSION

SPEED:

Vessel speed (max) approx 13,0 knots

MAIN ENGINES:

Make/Type MaK 9M25

No./Rating 4 x 2610 kW

MAIN GENERATORS:

Make/Type Siemens/ Hyundai HF J5 800 - 10

No./Rating 4 x 2400 kW / 690V, 60 Hz

EMERGENCY GENERATOR:

Engine Make/type Mitsubishi S6R-MPTK, 635 kW

Generator Make/Rating Stamford, 750kVA, 450V 60 Hz

ELECTRIC DISTRIBUTION SYSTEM:

Make/Type Siemens S404-S 10

Switchboards Voltage 2x690V/4x450V/2x230V/2x115V

PROPULSION AND THRUSTERS:

Main Propulsion (aft) Ulstein Azimuths TCN/M 320

2 x 2750kW

Diameter 3200 mm

El. Motors Siemens 1RN2635-6HU 2 x 3000kW

Side Thrusters (forward) Brunvoll FU80 LTC 2000

2 x 1200 kW

Azimuth thruster (forward) Ulstein TCNS 82/M-220

1 x 1200 kW

DECK EQUIPMENT

WINCHES:

Tugger winches 2 x Brattvåg AKMK 41012 12T

Capstans 2 x Brattvåg CM 4185 10T

Anchor/Mooring winch fwd 1 x Brattvåg BFM22052 10T

NAVIGATION & COMMUNICATION

Radar 10cm with ARPA 1 off

Radar 3cm with ARPA 1 off

AIS System 1 off

Electronic Chart System 1 off

Gyro Compass 3 off

DGPS 4 off

Autopilot System 1 off

Echo Sounder 1 off

Doppler log System 1 off

Wind sensors 2 off

Radio Plants. According to GMDSS A3

V-Sat 2 x Seatel 6009

MANOEUVRING, POSITIONING & AUTOMATION SYSTEMS

Dynamic Positioning Kongsberg SDP-22 & SDP-12

DP Reference Systems 3 x DGPS Sercel N203

Fanbeam

HiPap

Manoeuvring system Kongsberg Simrad STC

Manual Joystick Kongsberg Simrad STC/OT

Integrated Automation System Kongsberg Simrad SVC

ACCOMMODATION

Dayrooms 3 off

Gymnasium 1 off

Ships office 1 off

Hospital 1 off

Laundry 1 off

Client Offices (ROV control, on-line, etc.) 5 off

Conference Room 1 off

Helideck Reception 1 off

CABINS:

State cabins 1M 8 off

Single cabins 1M 16 off

Double cabins 2M 23 off

Total number of sleeping cabins 47

Total number of beds 70

LIFESAVING & RESCUE EQUIPMENT

LIFEBOATS:

Make/Type 2 x Norsafe 8,85 "MIRIAM"

Dimensions/Cap. each ... 8,95 m LOA x 3,10 m, 70 Persons

Notation SOLAS 1983/92 92 MODU

Lifeboat Davit Vestdavit H 9000

MOB-BOAT:

Make/Type Norsafe Magnum 750

Dimensions/Cap. 7,50 m LOA x 2,90 m, 10/15 Persons

Engine(s) TBN

Speed 26 knots with 3 persons

LIFE RAFTS:

Capacity 6 x 25 persons