



Eidesvik



Veritas Viking II

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VERITAS VIKING II

Signal letters..... LJQK3
 IMO no:..... 9189512
 Design VS 492 SRV
 Built 1999, Mjellem & Karlsen AS
 Home port..... Haugesund
 Telephone GSM 1 951 84 049
 GSM Fax 1 954 44 049
 Telephone GSM2 951 84 052
 GSM Fax 2 954 44 052
 Inmarsat B Telephone 3259 56910
 3259 56913
 3259 56914
 3259 56915
 Fax 3259 56911
 3259 56912
 Data 3259 56916
 Telex..... 3259 56917
 High Speed Data..... 3910 13975
 Owned by Eidesvik Survey AS
 Operated by..... Eidesvik
 N-5443 Bømlo
 Norway
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CLASS NOTATION

Det Norske Veritas

+ 1A1 SF,E0,HELDK, with register notation dk (+) and SBM.

The vessel fulfills the requirements for unlimited trade according to following rules and regulation: SOLAS, L.L.C. of 1966,IMO s register for pollution at sea
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(MARPOL 1973/78),tonnage measurement of ships, also SUEZ and Panama, US coast guard requirements, CAA rules. Equipped for A3 area, acc. to GMDSS rules and NMD`s rules (MARPOL 1973/78),tonnage measurement of ships, also SUEZ and Panama, US coast guard requirements, CAA rules. Equipped for A3 area, acc. to GMDSS rules and NMD`s rules.

PRINCIPAL DIMENSIONS

Length o.a. 93,35 m
 Length b.p.p 81,30 m
 Breadth mld 22,00 m
 Depth to main deck 8,60 m

Draught summer 7,05 m
 Free board..... 1,55 m
 Scantlings draught 7,20 m
 Gross tonnage..... 7880 GT
 Dead weight (approx)..... 4410 MT
 Displacement

ACCOMODATION

Total capacity 60 beds, maritime crew included. Three separate dayroom, library.

TANK CAPACITIES

Cargo	Volume m3	Sp.gr.	Weight MT
Fresh water.....	421.....	1.000	421
Ballast.....	2938.....	1.025	3012
Fuel Oil	2043,7.....	0,870	1777,09
Lub oil	88.....	0924	81,46

FUEL COMSUMPTION

Speed/consumption for the following conditions:

	KW	rpm.
Full speed ballast con.	8640.....	160
Service speed ballast cond.(max).....	4503.....	120
Service speed ballast cond.	3230.....	120
Economic speed ballast con	11,5 kn.....	120
Economic speed, draft 6,0m	11,5 kn.....	120
Service speed, draft 6,0 m	15,0 kn.....	120
Towing cond. trust 80,0t.....	4845.....	160
Towing cond. trust 97,2t.....	6338.....	120

LIFESAVING AND RESCUE EQUIPMENT

MOB-boat 1 off
 Make Norsafe
 Type Magnum 750
 Dimensions LOA 7,50 x BOA 2,90 x H 2,05
 Capacity 10 pers. (Norwegian/UK sektor)
 Engine Yanmar
 Speed..... 26 knots with 3 persons

Lifeboat

Make Schat Harding
 Type MCB28
 Engine 29HP 6 knots
 Capacity 60 persons

Rafts

Make RFD
 Type Rfd
 Capacity 180 persons

Work Boat 1off
 Make Nordpower
 Type 22 ft open workboat

Dimension Length 6,95 m beam 2,57 m
 Depth 1,42 m
 Capacity
 Engine Cumminns 6BT5,9M/NOGVA AGF 1131,
 180HK
 Speed..... 12 knots

NAVIGATION

Magnetic compass:

Gyro compass Pro Nav.SGBrown
 Auto pilot Kongsberg Simrad, AP9 MK 3, 2 off
 Radar 3 cm..... Furuno FAR- 2825X ARPA
 Radar 10 cm..... Furuno FAR-2835S ARPA
 Echo sounder Skipper GDS 101, 38 kHz
 Doppler log..... Furuno DS - 70
 Wind sensor Deif 879
 DGPS 2 off Phillips MK 10/D-GPS
 GPS..... Phillips MK 10

MACHINERY AND PROPULSION

Main engines

Make:..... M A K
 Type/no Mak 9M 32
 Rating 2 x 4320 Kw
 (2 x 5832 BHP)
 Propellers 2 off diam. 3600 med
 mer in nozzle 2 speed:
 160/120 RPM
 Gear 2 off VOLDA ACG 900/2 speed
 Rudders..... 2 off spade rudders with
 flaps, type Ulstein High lift

Shaft generators/motors

Make..... A V K,
 Type DSG 114K1-6W
 Rating..... 2 x 2950 KVA, 3 x 440V, 60 Hz

Aux. engine

Make..... Mitsubishi
 Type S6R-MPTA
 Rating..... 525Kw
 Generator 625 KVA, 3 x 440, 60 Hz,
 Newage Stamford
 MHC534F2

Emergency/Harbour Generator

Make..... Mitsubishi
 Type S6B3-MPTK
 Rating..... 360 Kw
 Generator 450 KVA, 3X440, 60 Hz,

..... Newage Stamford
 MHC534C2

Azimuth propeller

Make Kamewa Group, Aquamaster Rauma LTD
 Type Azimuth UL 1411 CP
 Drive motor..... Mitsubishi S12R-MPTK
 Rating..... 1200 Kw
 Generator 1250 Kva 3 x 440, 60 Hz
 Newage Stamford

Bow thruster, 1 off

Make Brunvoll
 Type FU-80-LTC-1200 Kw

Stern thrusters

Make Brunvoll
 Type FU-63-LTC-1750-736 Kw

MANOEUVERING, POSITION KEEPING AND VESSEL MANAGEMENT SYSTEM

Manoeuvring system:

Main propeller Volda Electronic
Manual joystick Simrad SJS01 joystic system,
 incl. remote terminal
Planning station Simrad SPS planning
 station, incl. route planning.
 Chart software (ecdis), display of
 streamers, streamers and
 workboat/chase boat safety
Track system Simrad STS 500 tracking system
 (Robtrac) with speed control
Vessel management UME 5543-Integrated System

CRANES, CARGO HANDLING AND MOORING EQUIPMENT

Mooring equipment forward:

1 off combined windlass and mooringwinch:

Make Ulstein Brattvaag
 Type BFM 22052
 Capacity 2x22 tons/220 of 40mm diam. rope each
 Anchors 2 x a 4050 kg.
 Anchor chain 52mm K3, total length 532m

Mooring equipment aft:

2 off Capstans:
 MakeUlstein Brattvåg
 TypeE12A BJB01A1AB
 Capacity5 tonn

Crane Port side

MOB-boat and cargo handling crane:

2 off Cranes
 Make..... Hydramarine
 TypeHMC 1400 LKTR 70-13 (MOB35)
 Cap. SWL..... 7 Tons
 Working rad..... 13 m - 3,0m (knuckleboom type)

Crane Stbd side

Mob-boat and cargo Handling Crane

Make:..... Hydramarine
 type:..... HMC 1400 LKTR 70-13 (40-16) (MOB 35)
 Cap. (SWL)..... 7 tons AT 13m, 4tons at 16m
 Working rad..... 13,0 m - 3,0 m (knuckleboom type)

Provision crane forward:

Make..... Hydramarine
 Type HMC 886 LK 15-10
 Cap SWL..... 2 tons
 Work rad..... 10,0m - 2,0m (knuckleboom type)

Davit

Make:..... Hydramarine
 Type HMD A70
 Cap: SWL 7,0 tons
 Work rad:..... 2,5 m

COMMUNICATION EQUIPMENT ACCORDING TO GMDSS A3

HF/MF radio station..... Sailor H2192
 Watch receivers 2182 kHz Sailor R 501
 Watch receivers 2187,5kHz Sailor RM 2150
VHF transceivers Sailor
 VHF dupl. + DSC..... Sailor RM 2042
 VHF dupl. Sailor RT 2047
 UHF portable trans..... Motorola GP 900 EX.
 VHF simpl.
 VHF portable trans..... Mororola GP 900 EX.
 Weather receiver..... Furuno Nav Tex NX 500
EPIRB Jotron TRON 30S MK 11
 Radar beacons..... Jotron Icom A-200

Satelite

Inmarsat B..... Nera Saturn BM
 Inmarsat C..... Sailor - H2095
Mobile telephones..... GSM Motorola

Wireless telephone connected to the

Moble phones:
 Telex/Intercom (Ring-marine)

HELICOPTERDECK

Helicopterdeck for Sikorsky S-62N

Communication

VHF Fixed.
 VHF portable..... Jotron TR 6102
 Heli-beacon..... VHF peiler Skanti TU 8250 B

Firefighting

Fixed foam system with two monitores, loose apparatuses according to main system.

NAVIGATION, POSITIONING AND SEISMIC

Navigation systemSPECTRA integrated Navigation system

Laser tracing.....MDL fanbeam

Buoy Tracking Active tailbuoys and
 Navsle utilizing RGPS

Acoustic ranging..... DIGICOURSE system
3 (full network)

SEISMIC SYSTEM

Seismic source:..... Multiple (up to 3)
 tuned bolt, LL, airgun arrays

Streamer(s) 8 off: Syntrak 960 RDA
 digital streamers.

Group Lenghts: 6,25m, 12,5m,
 18,75m or 25,0m

Recording System: Syntrak 960-24.

ONBOARD DATA PROCESSING

Navigation Data..... Sprint 3D
 Real time Binning..... Spectra INS Binning Node
 Bin analysis..... Reflex (with seismic attribute analysis)
 Seismic Data..... Seismic TANGO
 Onboard Interpretation Optional

SEISMIC COMPRESSORS

Seismic comp..... Ariel 3 off
 Type JGJ/6
 Drive Motor..... Caterpillar
 Type 3512 DITA



Air Flow 200 off spade rudders with laps,
..... type Ulstein Hight lift

VS492 SRV

