



Viking Energy

VIKING ENERGY

Signal lettersLLVY
 IMO No..... 9258442
 Design.....VS 4403 PSV
 Built Kleven Verft AS
 Ulsteinvik
 Home port Haugesund
 GSM Tel.....916 75 111
 GSM Tel916 75 112
 Fax415 85 113
 Data916 75 114
 Inmarsat B (bro)325 839 010
 Fax325 839 012
 Inmarsat Mini M.....763 062 340
 Inmarsat C Telex.....425 839 010
 Inmarsat C Telex.....425 839 020
 MMSI.....258 390 000
 Owned by..... Eidesvik Shipping AS
 Operated by Eidesvik AS
 N-5443 Bømlø
 Norway
 Telephone: +47 53 44 80 00
 Telefax : +47 53 44 80 01

CLASS NOTATION

DnV ✕ 1A1, Supply Vessel, SF, E0, Dynpos AUTR, Gas Fueled, LFL*, Oil Rec, Clean Class, Comfort Class rating 3, Register notations DK (+) and HL (p).

PRINCIPAL DIMENSIONS

Length o.a. 94,90 m
 Length b.p.p. 83,00 m
 Breadth mld..... 20,40 m
 Depth to main deck 9,60 m
 Draught summermax 7,90 m
 Free board at summer draft..... 1,70 m
 Length, clear cargo dk..... 60,0 m
 Breadth, clear cargo dk 17,50 m
 Cargo Deck Area..... 1030 m²
 Cargo Rail height 4,00 m
 Gross tonnage..... 5014 GT
 Dead weight (even keel) at draft 7,9m 6500 MT

CAPACITIES

	M3	SP.GR.	MT
LNG.....	209.....	0,410.....	86
Fuel oil	1100.....	0,870.....	960
Potable water	1100.....	1,000.....	1100
Drill water/ballast	2080.....	1,025.....	2132
Liquid mud	860.....	2,500.....	2150

Methanol	410.....	0,790.....	324
Dry bulk.....	430.....	2,300.....	989
Brine Max3	815.....	2,500.....	2037
Base Oil max3	220.....	0,870.....	190
*Special products	208.....	1,200.....	250
Max deckload			3700

*Combined with 2 of the Methanol tanks

Tank washing system with hot and cold water. Chemical injection in washing water for mud, brine and base oil tanks.

Note! Separate pumps- and piping system for all types of liquid cargo.

DISCHARGE RATES

Type	M3/Hour	Bar	Type Drive/Pump
Fuel Oil.....	2 x 250	10.....	Hydr. / screw
Fresh Water.....	2 x 200	10.....	El./centrifugal
Drill Water /Ballast	2 x 200	10...El./centrifugal,	2 speed
Liquid Mud.....	2 x125	25.....	Hydr. /Centrifugal
Liquid Mud.....	2 x 100	24..	Hydr. / Eccentric screw
Brine.....	2 x 100	25.....	Hydr. / Centrifugal
Base Oil.....	2 x 100	9.....	El.driven / Centrifugal
Methanol	4 x 75	10.....	Hydr. / subm. Centrif.
Special procutcs	2 x 75	12.....	Hydr./subm./screw
Bulk Compr.....	2 x 31...m3/min		6 bar

Loading and discharge stations on both sides aft and Amidships for all types of liquid cargo and dry bulk

MACHINERY AND PROPULSION

Main engines:

Make Wartsila
 Type/No.....Wartsila 6L32DF
 Rating..... 4 x 2010 kW
 (4 x 2734 BHP)

Propellers:

Make Rolls Royce
 Type.2 x Azimuths, Contaz 25
 Diam..... 3100 mm
 RPM. Variable

Emergency Gen. set..... Caterpillar

Type/rating 3304T / SR4-368, 116 bKW

Generators:

Make/TypeCaterpillar SR4-4-368
 Cap.....1 x 130 KVA, 440V 60 Hz

Eidesvik

Main Generators:

Make/Type ABB/ AMG 630 S10
 Cap. 4 x 2400 KVA / 4 x 690V, 60 Hz

SIDE THRUSTERS

Bowthruster Rolls Royce TT 2200 SS
 1000 kW / 1360 HP
 Bowthruster Rolls Royce TT 2200 SS
 1000 kW / 1360 HP
 Azimuth thruster Rolls Royce ULE 1201
 880 kW / 1200 HP

NOX AND CO₂ EMISSIONS:

When operating on LNG the emissions to atmosphere are reduced approx as follows:

NOX by 84 % and CO₂ by 20% compared with operating on MDO

DECK EQUIPMENT

Tugger winches 2 x Hydrakraft 16 tons
 Capstan(s) 2 x Hydrakraft 10 tons
 Crane Hydramarine HMC 1610 LKO
 LKO 100-10 10T/10m
 Additional deck cargo
 fastening 20 pcs fastening positions in the
 deck, independent changeable
 between pins, rollers or eyes.
 Cargo Securing System 8 x 5 tons winches

NAVIGATION

Magnetic Compass NOR Mod. 17
 Gyro Compass 3 x SG Brown
 Auto Pilot Simrad STC
 Radar ARPA 3 cm Furuno FAR – 2825 X
 Radar ARPA 10cm Furuno FAR – 2835 S
 AIS Furuno
 Ecdis Furuno FEA – 2105
 Weatherfax Furuno FAX - 207
 Echo sounder Furuno FE-700, 50 Khz
 Doppler log Furuno DS-80
 VHF Direction Finder 1 x Taiyo TD L1550A
 Wind sensor 2 x Gill
 DGPS 1 x Leica MX 420
 DGPS...DP-system 2 x Seatex DPS 200
 Navtex Furuno NX - 500

COMMUNICATION

Radio Plants GMDSS 1 x Furuno FS 5000 /400W
 VHF Stationary GMDSS 1 x Sailor RT4722
 1 x Sailor RT4822
 VHF Stationary 1 x Sailor C4900
 4 x Motorola GM360
 VHF portable GMDSS 3 x Axis SRH 50
 VHF portable 3 x Motorola GP 340
 UHF Stationary 4 x Motorola GM360
 UHF portable EEX 4 x Motorola GP 900 EEX
 Inmarsat B 1 x Furuno Felcom 82 A
 Inmarsat C GMDSS 2 x Furuno Felcom 12
 Inmarsat M 1 x Nera Marine
 EPIRB 1 x Tron 40 S
 Radartransponder 2 x Tron SART 9 GHZ

MANOEUVRING, POSITIONING AND VESSEL MANAGEMENT SYSTEM

Complete integrated manoeuvring, dynamic positioning and vessel management system consisting of:
 Dynamic Positioning Kongsberg Simrad SDP 22
 Reference Fan Beam MDL MK 4
 2 x Seatex DGPS
 Manoeuvring system Kongsb. Simrad STC
 Manual Joystick Kongsberg Simrad SDP - OT
 Vessel Management system
 Cargo Handling and Alarm . Kongsberg Simrad SVC 40

ACCOMMODATION

Day room/mess
 No smokers 1 off
 Smokers 1 off
 Laundry 1 off
 Gymnasium 1 off
 Cabins state 2 off
 1. man 10 off
 2. man 6 off
 All cabins with toilet and shower.
 Office; Ships off 1 off
 Hospital. 1 off

LIFESAVING AND RESCUE EQUIPMENT

MOB-boat 1 x Norsafe Mako
 Dimensions Loa 6,75 x Boa 2,70 x H 2,05
 Capacity 10/15 (Norwegian/UK sector)
 Engine Steyr 212 HP
 Speed 26 knots with 3 person
Liferafts 4 off 25man
 Make Viking 20 DFK

