



Eidesvik



Viking Thaumas

Eidesvik

E-post: office@eidesvik.no Web: www.eidesvik.no

VS 470 MK II

Signal letters LNSN
 IMO no 9316440
 Design VS 470 MKII
 Built 2005
 West Contractors AS, hull no 25
 Home portHaugesund
 GSM Telephone +47 95429388
 GSM Fax +47 95429168
 Mini M 764138474
 Mini M Fax / Data 764138475
 Inmarsat"C" 1 & 2 257 585 000
 Sevsat Telephone 21542504/5
 MMSI 257585000
 Owned by Eidesvik Supply KS AS
 Operated by Eidesvik AS
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CLASS NOTATION

Det Norske Veritas

+ 1A1 -Standby Vessel, SF,Clean, Dynpos AUT, E0,FiFi I, with register notation dk, Unlimited trade,
 Equipped for A3 area acc. To GMDSS rules, NMD DP class 1

PRINCIPAL DIMENSIONS

Length o.a. 73,40m
 Length b.p.p. 64,00m
 Breadth mld 16,60m
 Depth to main deck 7,60m
 Draught summer Max 6,42m
 Free board Min 1,19m
 Length, cargo dk Max 45 m
 Breadth, cargo dk Max 13,8m
 Cargo Deck Area, Max 621m²
 Cargo Deck Area, Net 577m²
 Cargo Rail height 2,8m
 Gross tonnage 2451GT
 Net Tonnage 913T
 Dead weight 3500MT

CAPACITIES

	M3	Sp.gr.	MT
Fuel oil	1070	0,87	892
Potable water	1000	1000	1000
Drill water/ballast	730	1,02	748
Liquid mud / Brine	1070	2,80	2996
Base Oil, part of liquid mud	210	0,87	183
Dry bulk	340	2,32	789
Max deck load			1200 T

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.

MACHINERY AND PROPULSION

Main engines:

Make MAK
 Type/No. MAK 8M25
 Rating 2 x 2400 kW

Propellers:

Make / Type Scana Volda / ACG 68/600 K
 Diam. 2600mm Nozzle propeller
 Propeller Nozzle Scana Volda FD 2600 / 0,5
 Rpm. 220 RPM
 Bollard Pull 71 tons

Aux. Engine:

Make Caterpillar
 Type / Rating 2 x 3406TA – 345 KW
 Generator 2 x Caterpillar SR4 – 365
 Cap. 2 x 400 KVA

Emergency Aux.

Make Caterpillar
 Type / Rating 1x 3304NA – 65 BKW
 Generator 1x Caterpillar SR4-365
 Cap. 1 x87 KVA

Shaft Generators:

Make/Type Leroy Somer / NRW 53 VS S7/6p
 Cap. 2 x 1800 KVA / 450V, 60Hz

SIDE THRUSTERS

Bow thruster 2 x Brunvoll FU-63-LTC-1550
 Rating 735 kW / 1000HP
 Stern thruster 1 x Brunvoll FU-63-LTC-1550
 Rating 735 kW / 1000 HP

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DISCHARGE RATE

	M3/Hour	Bar	Type Drive/Pump
Fuel Oil.....	2 x 100.....	9.....	El./centrifugal 2 speed
Fresh Water	2 x 100.....	9.....	El./centrifugal 2speed
Drill Water	2 x 100.....	9.....	El./centrifugal 2speed
Liquid Mud.....	2 x 100.....	22.5.....	El./eccentric screw.
Brine.....	2 x 75.....	19.....	El./eccentric screw
Base Oil	1 x 100.....	9.....	El.driven / Centrifugal
Methanol	2 x 75.....	7.....	Hydr.driven / Centrifugal
Bulk Compr.	2 x 30	6.....	m3m/min

Loading and discharge stations aft and

Amidships for all types of liquid cargo and dry bulk

DECK EQUIPMENT

Tugger winches.....	2 x RR Brattvåg BWMG
.....	41010 / 10 tons
Capstan(s).....	2 x RR Brattvåg CM
.....	4185 / 9tons
Towing line.....	1200m/ Ø52mm
Shark jaws / towing pins	Karm forks
.....	Wire / Chain up to 102mm / 300 tons
Crane	Hydramarine HMC 1077
.....	Capacity SWL 3 tons 13m
.....	Capacity SWL 1 tons 19m
.....	Radius 1,5 - 12,0 m / 19 m

NAVIGATION

Magnetic Compass	BN 35
GPS.....	2 x Furuno GP 90
Gyro Compass	2 x Simrad GC-80
Auto Pilot.....	Simrad AP9 MK III
Doppler log.....	Furuno DS-80
Radar 3 cm Arpa.....	Furuno FAR – 2117
Radar 10cm Arpa.....	Furuno FAR - 2137 S
Echo sounder	Furuno FE700
Wind sensor	2 x Deif
Navtex	Furuno NX 500
Ecdis	Furuno Telchart-TECDIS
AIS	Furuno AS-100

MANOEUVRING, POSITIONING AND VESSEL MANAGEMENT SYSTEM

Complete integrated manoeuvring, dynamic positioning and vessel management system consisting of:

Dynamic Positioning..... Simrad SDP 11

ReferenceFan Beam laser system / MDL MK 4
DGPS / Seatex DPS 102
Spotbeam / Glonass / lala
 Manual JoystickKongsberg Simrad / SJS - OT
 Manoeuvring systemScana Volda ACG 68/600 K

VESSEL MANAGEMENT SYSTEM

Cargo handling and alarmAker Elektro IAS

FIRE FIGHTING

FI-FI pumps 2 x Eureka 250x 350 OGF
 1500 cum/h each at 140 mlc
 Powered by: .. Main Engine drive via step-up gir
 Monitors, No./cap: 2 off Eureka 200HJF, 1200 cum/h
 each, one 300cum/H foam in
 addition

Lenght of throw: 120 m

Hight of throw:..... 50 m

Dispersant system, capacity 10 cubm, 2 off spray booms,
 Sprinkler system for self protection according to rules

ACCOMMODATION

Total capacity of 32 bed's, marine crew included. All cabins with toilet and shower. 2 ea. Dayroom, Mess room, Office and Hospital.

LIFESAVING AND RESCUE EQUIPMENT

MOB-boat	Norsafe AS 6.55 MAKO
Dimensions	6.55m LOA / 2.7m Beam
Capacity.....	6 persons
Engine.....	Steyr 236 HP Turbo
Speed	30 Knots
Liferafts.....	6 of 16 man
Make	Viking

COMMUNICATION

Radio Plants GMDSS. 1 x Furuno FS 1570 / 400W
 VHF Stationary GMDSS. 1 x Furuno FM – 8700
 VHF Stationary GMDSS. 1 x Furuno FM – 8500
 VHF portable GMDSS

.....3 x Jotron 50
 Inmarsat "C" GMDSS..... 2 x Furuno Felcom 15
 VHF Stationary 2 x Sailor VHF RT-2048
 UHF portable

..... 3 x Motorola GP GP900
 UHF Stationary

..... 1 x Motorola GM 360
 V-Sat.....

..... 1 x Telenor
 EPIRB

..... 1 x Tron 40 S MK II
 Radartransponder.....

..... 2 x Tron SART 9 GHZ

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