



Eidesvik



Viking Queen

VIKING TBN

Signal letters.....LAWA
 IMO No.....9372901
 Design..... VS 493 AVANT LNG Clean Design
 Built Westcon, Yard No 29
 Home port Haugesund
 GSM Tel.....958 80 506
 GSM Tel958 81 464
 Direct 53448106 / 53448107 / 53448108 / 53448109
 Owned by..... Eidesvik Shipping AS
 Operated by Eidesvik AS
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CLASS NOTATION

DnV ✕ 1A1, Supply Vessel, SF, E0, Dynpos AUTR, Gas
 Fuelled, LFL*, Oil Rec, Clean Design, Comfort –V (3), Ice C.
 Register notations DK (+) and HL (p).
 In Compliance with NAUT OSV guidelines

Vessel speed (max)..... 15.3 knot at 5.45 m draft

NMD Rescue 240 persons

PRINCIPAL DIMENSIONS

Length o.a. 92,20 m
 Length b.p.p. 84,80 m
 Breadth mld..... 21,00 m
 Depth to main deck 9,60 m
 Draught summer approx 7,30 m
 Free board at summer draft.....approx 2,30 m
 Length, clear cargo dk (max)..... 58,80 m
 Breadth, clear cargo dk (max) 17,80 m
 Cargo Deck Area (max)..... appr 1000 m²
 Cargo Rail height 4,20 m
 Gross tonnage.....appr 5934 T
 Dead weight at draft 7,30 m 6064 MT

Deck strength 10 t / m²
 and axle load 23 tons on pneumatic wheels

Deck load capacity.....appr. 3600 t with VCG 1 m above deck

Loading and discharge stations on both sides midships
 and forward (bow) for all types of liquid cargo and dry bulk

CAPACITIES (APPOX.)

	M3	SP.GR.	MT
Fuel oil.....	1001	0,870	871
Potable water	1035	1,000	1035
Drill water/ballast.....	3512	1,025	3600
Liquid mud	1030	2,800	2885
Metanol	167	0,790	132
Methanol (max) *	380	0,790	300
Special Products	213	1,200	255
Multi Special Products...200	200	1,200	240
Dry bulk.....	318	2,300	731
Brine.....	823	2,500	2057
Base Oil.....	213	0,870	185
LNG.....	220	0,410	90.2
Recovered Oil (ORO) ..2543	2543	1.025	2607
Slop	59		

* max Metanol cap when Metanol in both Metanol- and Special Product Tanks.

Tank washing system with hot and cold water.

Chemical injection in washing water for Liq Mud, Brine and Special Product and Multi special Product Tanks

N2 Generator..... 1 x Unitor

No of pressure vessels 2 X 40 off

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

Fresh Water Cargo System

Dosage unit for disinfection installed and equipment for control of Fresh Water Cargo and drinking water arranged.

DISCHARGE RATES

Type	M3/Hour	Bar	Type Drive/Pump
Fuel Oil.....	2 x 250	10	Centrifugal
Fresh Water.....	2 x 200	10	Centrifugal
Drill Water /Ballast 2 x 200	2 x 200	9	Centrifugal
Liquid Mud.....	2 x 100	24	Hydr / Exc. Screw
Brine.....	2 x 100	25	Hydr / Centrifugal
Base Oil.....	2 x 100	10	El.driven / Centrifugal
Methanol	1 x 75	7	Hydr. / Subm. Centrif.
Special Products.....	2 x 75	10	Hydr./subm./screw
Multi Special Pr.	2 x 75	10	Hydr./subm./screw
Bulk Compr.....	2 x 29,5	m ³ /min	5,6 bar
Air Drying System.....			2 x Atlas Copco
Dust Cyclone and Collector Tank system.....			2 x
Mucking Ejector.....			1 x

MACHINERY AND

PROPULSION

Main engines:

Make Wartsila
 Type/No..... 6L32DF (Dual Fuel)
 Rating..... 4 x 2010 Kw

LNG Tank:

Make 1 x AGA Cryo
 Capacity (100%)..... 234 m3
 Capacity (operation max) 220 m3

Propellers:

Make Rolls Royce
 Type 2 x Azipull
 Rating..... 2 x 2200 Kw
 Diam..... 2800 mm
 RPM. Variable 0 – (approx) 240 RPM

Emergency Gen. set..... 1 x Volvo Penta
 Type/rating 160 kW / 200KVA

Generator:..... 1 x Stamford, 3 x 440 V, 60 Hz

Main Generators:

Make/Type Alconca
 Cap. 4 x 1950 Kw (2435 KVA) / 690V / 60 Hz

SIDE THRUSTERS

Bowthruster 2 X 1200 kW / 1630 HP
 Azimuth thruster 1 x 880 kW / 1200 HP

DECK EQUIPMENT

Tugger winches..... 2 x 15 tons
 Mooring Winches (aft) 2 x 15 tons
 Cranes 1 x 10 t at 10 m and 1 x 3 t at 10 m

Additional deck cargo fastening..... 20 pcs fastening
 positions in the deck, independent changeable
 between pins, rollers or eyes.

Cargo Securing System 6 x 5 tons winches
 Rollers..... SWL 20 T
 D- Rings SWL 10 T
 Stanchion Points SWL 15 T
 Lashing Points..... SWL 20 T

RECEPTABLES FOR FREEZ / COOL CONTAINERS

10 off 3 ph and 10 off 1 ph P and S side... total 40 off

NAVIGATION

Magnetic Compass..... 1 x BN - 35
 Gyro Compass 3 x Simrad GC 80
 Auto Pilot 1 x Simrad AP-9 MK III
 Radar ARPA 3 cm 1 x Furuno FRC 2827
 Radar ARPA 10 cm 1 x Furuno FRC 2837 S
 AIS..... 1 x Furuno FA 150
 Ecdis..... 2 x Techdis T 2137
 Voyage Data Rec..... 1 x Furuno VR 3000
 Echo sounder 1 x Furuno FE 700
 Doppler log 1 x Furuno DS-80
 VHF Direction Finder..... 1 x TD-L 1550 A
 Wind sensor..... 2 x
 DGPS 2 x GP 90 DGPS
 Navtex 1 x Furuno NX 700 B
 Brigde Watch Alarm & Br. Monitoring System..... 1 x

COMMUNICATION

Radio Plants GMDSS..... 1 x Furuno FS 1570
 VHF Stationary DSC 2 x Furuno FM 8800 S
 VHF portable GMDSS 3 x Tron TR-20
 VHF portable 8 x Motorola GP 340 ATEX
 UHF Stationary..... 5 x Motorola GM 360
 UHF portable EEX..... 8 x Motorola GP 380 ATEX
 Inmarst C GMDSS 2x Furuno Felcom 15
 SSAS alarm..... 1 x Purplefinder
 EPIRB 1 x Tron 45 S X
 Radartransponder 2 x Tron Sart
 Mobile thelophone 2 x Siemens Gigaset C 100
 V Sat..... Telenor

MANOEUVRING, POSITIONING AND VESSEL MANAGEMENT SYSTEM

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

Dynamic Positioning 1 x Kongsberg Matitime
 With..... 2 off identical manouvering stations forward
 Reference System 1 x Fan Beam
 Reference System..... 2 x DGPS
 Reference System..... 1 x Radius 1000

Man. system / Thruster Contr ... 1 x Kongsberg Maritme
 Manual Joystick..... 1 x Kongsberg Maritme

Vessel Management system,
 Cargo Handling and Alarm System .. 1 x Aker (WANO)

ACCOMODATION

Day room/mess	
No smokers	1 off
Smokers	1 off
Laundry	1 off
Gymnasium	1 off
Cabins state	2 off
1. man	11 off
2. man	6 off
Total	25 persons
All cabins with separate toilet and shower.	
Office, Ships off.....	1 off
Hospital.	1 off

LIFESAVING AND RESCUE EQUIPMENT

MOB-boat	1 x Alusafe 770 Twin
Dimensions	(appr) Loa 8.15 x Boa 2,70
Capacity	approx 3200 kg with 10 person
Engine	2 x 163 HP
Speed.....	approx 34 knots with 3 person
MOB-boat davit	1 x TTS
Capacity	SWL 3500 kg

DISTANCE MEASURING

Camera with search light and laser measuring equipment installed in bow

SEARCH LIGHT

Search Lights with adj focus, 2000 W 4 off

CCTV SYSTEM

Cameras..... 18 off
Monitores on brigde main man positions, brigde wings and engine control room.

FIRE FIGHTING

Firefighting in Genertor Rooms, Aux. For Engine Rooms, Incinerator Room. Boiler Room

OIL RECOVERY

Standard.....	NOFO 2005
No of tanks	17 off
Capacity	2543 m3
Pumps	7 off
Capacity	7 x 100 m3/h, 7 bar
Liquid Mud pumps	2 x 100, 24 bar (max)
Heating System for Recovered Oil by Nozzle's (in 15 off tanks) and heating coils (in Spec Prod Tanks only).	

Prepared to receive Down Link equipment

INCINERATOR

Incinerator.....	1 x Saniterm SH 20-SM
Capacity	365.000 kcal/h (423 Kw)

LIFERAFTS

Liferafts	4X25 Man
Make.....	Viking

