



Eidesvik



Viking Lady

Your Partner in Shipping



VIKING LADY

Signal letters LAWZ
IMO No. 9409675
Design VS 493 PSV LNG
Built 2009
Yard Westcon Yard, Ølensvåg, Norway
Yard No. 30
Home port Haugesund - Norway
Owned by Eidesvik Shipping AS
Operated by Eidesvik AS
Vestvikvegen 1, N-5443 Bømlo Norway
Telephone +47 53 44 80 00
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CLASS NOTATION

DNV-GL ✱ 1A1 ICE-C Supply Vessel Fire Fighter I OILREC
SF LFL* COMF-V(3) E0 DYNPOS-AUTR NAUT-OSV(A)
CLEAN DESIGN DK(+) HL(2,5) GAS FUELLED

RESCUE

NMD Rescue 240 persons

OIL RECOVERY

NOFO 2005 STANDARD
Capacity (Recovered Oil) 2542 m³
Oil Spill Detection Radar Rutter

PRINCIPAL DIMENSIONS

Length LOA 92,20 m
Length LPP 84,80 m
Breadth moulded 21,00 m
Depth to main deck 9,60 m
Draught (summer) 7,62 m
Freeboard (at summer draft) 1,98 m
Cargo Deck Area approx 1000 m²
Length, clear cargo deck 58,58 m
Breadth, clear cargo deck 17,70 m
Cargo Rail height 4,20 m
Gross tonnage 6111 MT
Net tonnage 1834 MT
Dead weight (even keel at summer draft) 6200 MT
Deck strenght 10 MT/m²
Axle load 23 tons on pneumatic wheels
Deck load capacity 3600 MT with VCG 1 m above deck

CAPACITIES (APPROX.)

	m ³	Sp.gr.	MT
Fuel oil	1001	0,870	871
LNG	233	0,450	105
Potable water	993	1,000	993
Drill water/ballast	3518	1,025	3605
Liquid mud	1028	2,800	2878
Methanol/Special Prod.	166	0.800	133
Special Products LFL*	412	1,200	494
Dry bulk	318	2,300	731
Brine	823	2,500	2057
Base Oil	213	0,870	185

Separate pumps- & piping system for all types of liquid cargo. Tank washing system with hot and cold water.
Chemical injection in washing water for Mud, Brine and Special Products tanks.
N₂ Generator Generon HPMB 6150 LF

DISCHARGE RATES

	m ³ /hour	Bar	Type
Fuel Oil	2 x 250	10	centrifugal
Fresh Water	2 x 200	10	centrifugal
Drill Water /Ballast	2 x 200	9	centrifugal
Liquid Mud	2 x 125	24	screw
Brine	2 x 100	25	centrifugal
Base Oil	2 x 100	10	centrifugal
Methanol	1 x 75	7	centrifugal
Special products	4 x 75	10	screw
Bulk Compressor.	2 x 29,5 m ³ /min	with 5,6 bar	

Loading and discharge stations forward and both sides amidships for all types of liquid cargo and dry bulk.

MACHINERY AND PROPULSION

When operating on LNG the emissions of CO₂, NO_x & SO_x to atmosphere are reduced. Further reductions achieved by use of Battery Hybrid system.

SPEED:

Vessel speed (max) approx 15.3 knots

MAIN ENGINES:

Make/Type Wärtsilä 6R32DF
No./Rating 4 x 2010 kW

MAIN GENERATORS:

Make/Type Alconza
No./Rating 4 x 1950 kW / 690V, 60 Hz

BATTERY/ENERGY STORAGE SYSTEM:

Make/TypeWärtsilä ESS / Corvus
Capacity/Rating.....350 kWh / 900kW

EMERGENCY GENERATOR:

Engine Make/type Volvo Penta D9, 160 kW
Generator Make/Rating Stamford, 200kVA, 450V 60Hz

ELECTRIC DISTRIBUTION SYSTEM:

Make/Type Wartsila LLC
Switchboard Voltage 2x2x690V/2x450V/2x230V

PROPULSION AND THRUSTERS:

Main Propulsion (aft)Rolls Royce Azimuths AZP100FPI
2 x 2200 kW
Diameter 2800 mm
Side Thrusters (forward).....RRM TT 2200 DP FP
2 x 1200 kW
Azimuth thruster (forward)..... ULE 1201 FP
1 x 880 kW

DECK EQUIPMENT

WINCHES:

Tugger winches.....2 x 15T
Mooring winches aft2 x 15T

DECK CRANES:

CranesHydramarine HMC 1610 LK 10T@10m
Hydramarine HMC 1077 LK 3T@10m

CARGO SECURING:

Deck cargo fastening..... 20 pcs
Fastening positions in deck (pins/rollers/eyes)
Cargo Securing System 6 x 5T winches

NAVIGATION & COMMUNICATION

Radar 10cm with ARPA..... 1 off
Radar 3cm with ARPA..... 1 off
Voyage Data Recording System (VDR)..... 1 off
AIS System 1 off
Electronic Chart System (IMO approved paperless) 2 off
Gyro Compass 3 off
DGPS..... 2 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 off

DISTANCE MEASURING

Camera with search light and laser measuring equipment
installed in bow

MANOEUVRING, POSITIONING & AUTOMATION SYSTEMS

Dynamic Positioning Kongsberg SDP-22
DP Reference Systems..... 2 x DGPS DPS 200
Fanbeam
Radius 1000
Manoeuvring system..... Kongsberg Maritime
Manual JoystickKongsberg c-Joy Joystick
Integrated Automation System Wärtsilä IAS

ACCOMMODATION

Dayrooms2 off
Gymnasium.....1 off
Ships office1 off
Hospital.....1 off
Laundry.....1 off

CABINS:

State cabins 1M2 off
Single cabins 1M.....11 off
Double cabins 2M6 off
Total number of sleeping cabins.....19
Total number of beds25

LIFESAVING & RESCUE EQUIPMENT

MOB-BOAT:

Make..... Norsafe MAKO 655
Dimensions/Cap.....6,75 m LOA x 2,70 m, 10/15 Persons
Engine(s) 1 x 212 HP
Speed34 knots with 3 persons

LIFE RAFTS:

Capacity..... 4 x 25 persons



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