



VIKING PRINCESS

Signal letters LADJ8
IMO No..... 9611840
Design..... VS489 PSV
Built..... 2012
Yard Kleven Verft AS, Ulsteinvik
Yard no 347
Home port Haugesund - Norway
Owned by..... Eidesvik Shipping AS
Operated by Eidesvik AS
..... Vestvikvegen 1, N-5443 Bømlo, Norway
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CLASS NOTATION

DNV-GL ✕ 1A1 Standby vessel(S) Supply vessel Clean(Design)
COMF(C-3, V-3) DEICE-C DK(+) DYNPOS(AUTR) E0 Gas
fuelled Battery(Power) HL(2,8) Ice(C) LFL(*) NAUT(OSV(A))
OILREC SF

RESCUE

NMD Rescue 270 persons

OIL RECOVERY

NOFO 2009

Oil Spill Detection Radar Miro's OSD

PRINCIPAL DIMENSIONS

Length o.a. 89,60 m
Length Lload. 80,64 m
Breadth mld..... 21,00 m
Depth to main deck 9,60 m
Draught summer..... 7,60 m
Free board at summer draft 2,00 m
Length, clear cargo deck 59,6 m
Breadth, clear cargo deck..... 17,7 m
Cargo Deck Area..... approx 1050 m²
Cargo Rail height..... 4,00 m
Gross tonnage..... 5381 MT
Net tonnage..... 1626 MT
Dead weight (even keel) at draft 7,6m 6055 MT
Deck strenght Zones of 5 and 10 MT/ m²
Deck load capacity 3150 MT with VCG 1 m above deck

CAPACITIES (approx)

	M ³	SP.GR.	MT
Fuel oil	823	0,870	716
LNG	233	0,410	95
Potable water	1036	1,000	1036
Drill water/ballast	1781	1,025	1826

# Liquid mud	1392	2,800	3898
Methanol (spec. Prod.)	210	1,20	252
Special products LFL*	412	1,20	494
Dry bulk	300	2,32	698
Brine Max	1667	2,50	4167
Base Oil max	243	0,80	194
Recovered Oil (ORO)	2299	1,025	2356

Combined with Brine tanks

Separate pumps- and piping system for all types of liquid cargo.
Mud system possible to divide in two separate systems.

Tank washing system with hot and cold water.

Chemical injection in washing water for mud, brine and base oil tanks.

N₂ Generator Generon HP 6000-C-210HF

DISCHARGE RATES

Type	M ³ /Hour	Bar	Type Drive/Pump
Fuel Oil	2 x 150	9	Hydr. / screw
Fresh Water	2 x 150	9	Hydr./centrifugal
Drill Water /Ballast	2 x 150	9	Hydr./centrifugal
Liquid Mud	4 x 100	24	Hydr. / screw
Brine	2 x 150	24	Hydr. / screw
Base Oil	2 x 100	9	Hydr. / displacement
Methanol	2 x 75	9	Hydr. / screw
Special products	5 x 75	11	Hydr. / screw
Bulk Compressor	2 x 30 m ³ /min	with 6 bar	

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

MACHINERY AND PROPULSION

When operating on LNG the emissions to atmosphere are
reduced approximately as follows: NO_x by 84 % and CO₂ by 20%
compared with operating on MDO

SPEED

Vessel speed (max) approx 16,5 knots

MAIN ENGINES

Make Wärtsilä
Type/No. Wärtsilä 6L34DF
Rating 2 x 2610 kW
Type/No. Wärtsilä 6L20DF
Rating 1 x 1056 kW

PROPELLERS:

Make Steerprop
Type..... 2 x Azimuths 2450kW SP35CRP
Diam Front. 3200 mm
Diam Aft 2600 mm
RPM..... Variable

MAIN GENERATORS:

Make/Type Alconza NIR7172A-10LW
Capacity 2 x 2510 KW / 690V, 60 Hz
Make/Type Alconza NIR74561-6LW
Capacity 1 x 1014 kW / 690V, 60 Hz

BATTERY/ESS SYSTEM:

Make/Type Wärtsilä ESS / Corvus
Capacity 511 kW / 1600kVA

EMERGENCY GENERATOR SET:

Engine Make/type Volvo Penta D12, 339 kW
Make/Type Stamford
Capacity 375 KVA, 450V 60 Hz

SIDE THRUSTERS

Bowthruster 2 x Brunvoll FU74 LTC 2000
(each) 1000 kW
Azimuth thruster (forw) Brunvoll AR63 LNC 1650
880 kW

DECK EQUIPMENT

Tugger winches 2 x Adria Winch TS 351-002-B 10 t
Mooring winch aft 2 x Adria Winch TS 354- 00110 t
Anchor/Mooring winch fwd 1 x Adria Winch
TS 06/129-01 18t
Cranes 2x Cargotec HMC 1400 LK 50-15 (RB25)
5MT/15m
Additional deck cargo fastening 18 pcs fastening
positions in the deck, independent changeable
between pins, rollers or eyes.
Cargo Securing System 8 x 2 tons winches

NAVIGATION

Gyro Compass 3 x Anschutz
Auto Pilot Anschutz 20X5
Radar ARPA 3 cm Furuno FRC-2117
Radar ARPA 10cm Furuno FAR-2137S BB
Oil Detection Radar software
AIS Furuno FA-150
Ecdis Furuno TECDIS
Echo sounder Furuno FE-700, 50 Khz
Doppler log Furuno DS-80
VHF Direction Finder 1 x Taiyo
Wind sensor 2 x Gill Ultrasonic
DGPS 2 x Furuno GP 150
Navtex Furuno NX – 700B

COMMUNICATION

Radio Plants GMDSS Furuno MF/HF. FS-1570
VHF Stationary GMDSS 2 x Furuno FM-8800S

VHF Stationary 2 x Furuno FM-2721
3 x Motorola GM-360
VHF portable 3 x Thon TR 20
UHF Stationary 6 x Motorola GM380
UHF portable EEX 8 x Motorola GP 380 ATEX
V-Satt 2 x sea Tel 6009
Inmarst C GMDSS 2 x Furuno Felcom 15
EPIRB 1 x Tron 40 S
EPIRB 1 x Tron 45 SX
Radar transponder 2 x Tron SART 9 GHz

MANOEUVRING, POSITIONING AND VESSEL MANAGEMENT SYSTEM

Compete integrated manoeuvring, dynamic positioning and vessel management system consisting of:
Dynamic Positioning Kongsberg K-POS DP-22
Reference Systems DGPS Seatex DPS 232
DGPS Seatex DPS 132
Cyscan
Radius 1000 D
Manoeuvring system Kongsberg K-Master
Manual Joystick Kongsberg cJoy Joystick
Ecometer Wärtsilä
Cargo Handling and Alarm Wärtsilä Automation

ACCOMMODATION

Day room/mess
No smokers 1 off
Smokers 1 off
Cabins state 4 off
Single cabins 12 off
Double cabins 6 off
Total no of Bunks: 28
All cabins with toilet and shower.
Gymnasium 1 off
Ships office 1 off
Hospital 1 off
Laundry 1 off

LIFESAVING AND RESCUE EQUIPMENT

MOB-BOAT

Make Maritim Partner Alusafe 770 FRC
Dimensions Loa 8,15 x Boa 2,70
Capacity 10
Engine 2 x Volvo P D3 150 HP
Speed 33 knots with 3 person

LIFE RAFTS

Make Viking 25 DFK
Capacity 6 off 25 men