



Eidesvik



Viking Neptun

Your Partner in Shipping



VIKING NEPTUN

Signal letters LAYH7
IMO No.9664902
Design.....SALT 301
Built..... 2015
Yard..... Kleven Yard, Ulsteinvik, Norway
Yard no 365
Homeport..... Haugesund - Norway
Owned by..... Eidesvik Neptun AS
Operated by Eidesvik AS
Vestvikvegen 1, N-5443 Bømlø, Norway
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CLASS NOTATION

DNV-GL ✕ ICE-1B SPS COMF-V(2)C(3) HELDK-SH CRANE
DEICE E0 DYNPOS-AUTRO NAUT-OSV(A) CLEAN
DESIGN DK(+) BIS TMON

PRINCIPAL DIMENSIONS

Length LOA145,60 m
Length LPP135,30 m
Breadth moulded.....31,00 m
Depth to main deck13,00 m
Draught (summer) 9,00 m
Freeboard (at summer draft) 4,00 m
Cargo Deck Area.....approx 2600 m²
Hangar Area..... (Main 144m² / OBS 49m²) approx.190m²
Length, clear cargo deck94,20 m
Breadth, clear cargo deck30,40 m
Gross tonnage 19760 MT
Net tonnage 5929 MT
Dead weight (even keel at summer draft) 15984 MT
Deck load capacity9200 MT with VCG 6 m above deck

CAPACITIES

	m ³	Sp.Gr.	MT
Fuel oil	2614	0,870	2274
Potable water	1052	1,000	1052
Technical FW.....	1189	1,000	1189
Ballast.....	7099	1,025	7272

ANTI HEELING/STABILISING

Anti Heeling System..... 1938 m³ (6 tanks)
Pump Type/Cap.....Hoppe H400 – 3x2200m³/hr @ 1,0 bar
Roll reduction tanks 3 passive tanks

DECK, MOONPOOLS & HANGAR AREA

DECK STRENGTH:

General..... 10 MT/ m²
Around work moonpool 50 MT/ m²
Steel Deck for easy sea fastening, designed for uplift forces

VLS:

Prepared for Flex-lay tower 550 T SWL

BULWARKS:

Removable bulwarks SB (18m+9,75m) and PS (28m+27m)

WORK MOONPOOL:

Opening 9,0 m x 7,5 m
Hatch Bolted top Hatch

ROV MOONPOOL:

Opening 5,6 m x 4,5 m
Top HatchRolls Royce, Hydraulic Operated
Moonpools are fitted with damping devices.

HANGAR DOORS:

Side door SB (OBS ROV) Hydr. Operated - 4,2 x 5,5 m
Side door PS (Work ROV)... Hydr. Operated – 5,0 x 10,0 m
Aft Bulkhead Hydr. Operated - 4,0 m x 4,1 m

ROV LAUNCH AND RECOVERY:

WorkROV - moonpool & over side PS..... Odim 13,5/20T
OBS ROV - over side SB(space for)
..... Skidding system to open deck
Operational Water Depth3000m

OFFSHORE CRANES

MAIN CRANE (PS):

Make/Type MacGregor Knuckle Jib Crane
HMC 5150 LKO 1650-40 (4000-20) AHC 3000 m WUD
Active Heave Compensation & Constant Tension
Main hoist, single fall.....400T@10-20m / 163T@40m
3000m Wire Ø126mm
Whip hoist, single fall 25t@10 to 42m
2000m Wire
Tugger Winches MacGregor2 x 10T

AUX CRANE (SB):

Make/Type MacGregor Knuckle Jib Crane
 HMC 3293 LKO 230-35 (1000-11) AHC 3000 m
 Active Heave Compensation & Constant Tension
 Main hoist, double fall..... 100T@7-11m / 50T@18m
 Main hoist, single fall..... 50T@7-18m / 23T@35m
 3000m Wire Ø56mm
 Whip hoist, single fall..... 10T@7 to 36m
 500m Wire
 Tugger Winches MacGregor2 x 10T

CAROUSEL

Carousel Storage Ø25,4m/6,0m – Height 6,7m
 Max load 4500T

HELIDECK

Make / Type Marine Aluminium / Aluminum
 Helideck dimensioning D=20,88 / 12,8t

MACHINERY AND PROPULSION

SPEED:

Vessel speed (max) approx 17,25 knots

MAIN ENGINES:

Make/Type Wärtsilä 6L32
 No./Rating 6 x 3300 kW
 Make/Type Wärtsilä 8L20
 No./Rating 2 x 1480 kW

MAIN GENERATORS:

Make/Type Wärtsilä
 No./Rating 6 x 3170kW / 690V, 60 Hz
 No./Rating 2 x 1405kW / 690V, 60 Hz

EMERGENCY GENERATOR:

Engine Make/type Scania GASI 13-06E, 375 kW
 Generator Make/Rating MeccAlte, 469kVA, 690V 60 Hz

ELECTRIC DISTRIBUTION SYSTEM:

Make/Type Wärtsilä LLC
 Switchboards Voltage..... 4x2x690V/2x450V/2x230V
 ROV/Utility Switchboard 2x450V

PROPULSION AND THRUSTERS:

Main Propulsion (aft) Wärtsilä 4E 1095
 2 x 6000kW
 Diameter 5000 mm
 El. Motors Wärtsilä 4 x 3000kW

Side Thrusters (forward) Brunvoll FU115 LTC 3000
 2 x 2200 kW
 Side Thrusters (aft) Brunvoll FU100 LTC 2750
 3 x 2200 kW
 Azimuth thruster (forward)..... Brunvoll AR-100-LNC-2600
 2 x 2000 kW

DECK EQUIPMENT

WINCHES:

Mooring winch fwd1 off
 Mooring winch aft.....2 off

DECK CRANES:

Deck/Provision Crane 1 x MacGregor 10T@15m

NAVIGATION & COMMUNICATION

Radar 10cm with ARPA1 off
 Radar 3cm with ARPA1 off
 Voyage Data Recording System (VDR).....1 off
 AIS System.....1 off
 Electronic Chart System (IMO approved paperless).....2 off
 Gyro Compass.....3 off
 DGPS2 off
 Autopilot System.....1 off
 Echo Sounder1 off
 Doppler log System.....1 off
 Wind sensors3 off
 Radio Plants. According to GMDSS A3
 V-Sat2 off

MANOEUVRING, POSITIONING & AUTOMATION SYSTEMS

Dynamic PositioningKongsberg K-Pos DP-22 & DP-12
 DP Reference Systems.....2 x DGPS DPS i2
 2 x High Precision Acoustic Positioning (HiPAP 501)
 Spot Track
 Cyscan
 Radius 1000 D
 2 x Seapath 300
 Manoeuvring system Kongsberg K-Thrust
 Manual Joystick Kongsberg cJoy Joystick
 Integrated Automation System Wärtsilä IAS



ACCOMMODATION

Dayrooms	3 off
Game Room.....	1 off
Ships lobby	2 off
Coffee shop.....	1 off
Gymnasium.....	1 off
Lift for stores and passengers (19 persons).....	1 off
Ships office	1 off
Hospital.....	1 off
Laundry.....	2 off
Client Offices (ROV control, on-line, etc.).....	5 off
Client Workshops & Stores.....	4 off
Conference Room	2 off
Helideck Reception	1 off

CABINS:

State cabins 1M	4 off
Single cabins 1M.....	46 off
Twin cabins 1M+1M (separate sleeping cabins).....	14 off
Double cabins 2M	36 off
Total number of sleeping cabins.....	114
Total number of beds	150

LIFESAVING & RESCUE EQUIPMENT

LIFEBOATS:

Make/Type	2 x Noreq LBT 1090 C
Dimensions/Cap. each	10,9 m LOA x 3,90 m, 130 Persons
Notation	SOLAS / LSA Code / MCS 274&272
Lifeboat Davits	2x Noreq NPD 18200H

MOB-BOATS:

Make	Maritime Partner Alusafe 770 MKII FRC
Dimensions/Capacity.....	8,15 m LOA x 2,70 m, 15 Persons
Engine(s)	1 x Yanmar 222 HP
Speed	32 knots with 3 persons

Make	Maritime Partner Weedo 17
Dimensions/Capacity.....	5,50 m LOA x 2,23 m, 6 Persons
Speed	18 knots with 2 persons

LIFE RAFTS:

Capacity	2 x 20 persons
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