



Eidesvik



Oceanic Viking

Eidesvik

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M/V "OCEANIC VIKING"

Signal letters LHWZ3
 Design VS 492
 Built 1996, Flekkefjord Slip &
 Maskinfabrikk AS, Norway
 Rebuilt Year 2000 - Spain
 Home port Haugesund
 Owned by Eidesvik Shipping AS
 Operated by Eidesvik
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CLASS NOTATION

Det Norske Veritas

+ 1A1 Cable Laying Vessel, DYNPOS AUT, E0,
 with register notation dk (+).

The vessel fulfills the requirements for unlimited trade,
 GMDSS A3 area.

PRINCIPAL DIMENSIONS

Length o.a. 105,60 m
 Length b.p.p. 84,5 m
 Breadth mid. 22,0 m
 Depth to main deck 8,60 m
 Draught Scantlings 6,95 m
 Draught summer 6,827 m
 Free board summer 1,859 m
 Gross tonnage 9075 GT
 Dead weight 6700 MT
 Cable cargo capacity 5000 MT
 Spare cable tank 300 MT
 Main Cable tanks 2 x 1254 m³ Net Stowage
 Spare Cable Tank 144 m³

CARGO CAPACITIES

	M3	Sp.gr	Weight MT.
Fresh water	1355	1,000	1355
Ballast	2970	1,025	3045
Fuel oil	1837	0,870	1598

MACHINERY AND PROPULSION

Main engines:

Make Wartsila Propulsion A/S
 Type/No Wichmann 12 V 28 B
 Rating 2 x 3960 kW (2 x 5385 BHP)/ 660 r.p.m

Propellers 2 off diam. 3900 mm
 Speed: 145 rpm.
 Rudders 2 off spade rudders with flaps,

..... type Becker

Shaft Generators:

Make Leroy Somer
 Type NRW 54 M8
 Rating 2 x 2950 kVA

Diesel Generators:

Make Mitsubishi
 Type S12R-MPTK
 Engine Rating 1270 kW at 1800 rpm
 Generator Stamford HCM734G2
 Generator Rating 1 x 1524 kVA, 3 x 440 V,
 60 Hz cos phi = 0.8

Make Volvo
 Type TAMD 162C
 Rating 1 x 390 kW
 Generators 1 x 450 kVA, Newage Stamford
 MHC 534 C

Emergency and harbour aggregate:

Make Volvo
 Type TAMD 162C
 Rating 1 x 390 kW
 Generators 1 x 450 kVA, Newage Stamford
 MHC 534 C

Azimuth propeller, fwd

Make Brunvoll
 Type AR-63-LNC-1650-880 kW
 Rating 880 kW (1200 BHP)

Azimuth propeller, midship

Make Brunvoll
 Type AR-63-LNC-1650-880 kW
 Rating 880 kW (1200 BHP)

Bow thruster

Make Brunvoll
 Type FU-80-LTC-2000-1200 kW
 Rating 1200 kW (1630 BHP)

Stern thruster

Make Brunvoll
 Type FU-63-LTC-1750-736 kW
 Rating 2 x 736 kW (2 x 1000 BHP)

DISCHARGE RATE

	M3/Hour	Bar	Type Drive/Pump	Type
Fuel Oil	2 x 250	10	Hydr. driven screw pump	
Fresh Water	2 x 200	10	El. driven centrifugal pump	
Ballast Water	2 x 200	10	El. driven centrifugal pump	
				2 speed

DECK EQUIPMENT

Capstans

Make	Brattvaag
Type	CM 4110
Capacity	2 x 10 tons

Cranes One off:

Make	Hydramarine
Type	HMC.1610 LKO 30-25(50-20)(100-10)
Capacity (SWL)	10 tons at 10 m radius, 5 tons at 20 m radius, 3 tons at 25m radius
Working radius	2,8 - 10,0 m double fall, Max 25 m single fall.

Cranes one off:

Make	Hydralift
Type	MCV 886-2-10
Capacity (SWL)	2 tons
Working radius	2,2-10,0 m

Cranes one off:

Combined Life Raft and Provision handling crane on forecastle	
Make	Hydramarine
Type	HMC 1077 LR 20 – 7,0
Capacity	SWL 2 T at 7 m radius

A-frame with tow winch (Charterers equipment)

Make	Soil Machine Dynamics
Capacity	Max tow tension 50 tonnes
	Max lift tension 35 tonnes
Plough	1.1 m cable plough depth

Cable Handling Machinery (Charterers equipment)

Make	Nornmarine Hydralift
Equipment	20 T linear cable engine
	25 T drum engine
	6 T DOHB winch
	1,75 T DOHB winch, transportable
	2 x 10 tons Capstand

Davit for MOB –Boat

Make	Hydralift
Type	HL9D-A-MOB 3200
Capacity (SWL)	3,2 tons

Davits for life boats (2 off:)

Make	Shat-Harding
Type	VIP10

Mooring equipment forward

Make	Brattvaag
Type	BF22
Capacity	2 x 22 tons/220 m of 40 mm diam. wire rope each
Anchors	2 x speck a 3540 kg
Anchor chain	50 mm K3

NAVIGATION

Magnetic Compass	J.C. Krohn NOR 380
Gyro compasses	Robertson RGC11
	Robertson RGC 12
Autopilot	Robertson AP9 MK3
Radar 3 cm	Kelvin Huges 6000A/1/6-U
	Arpa w/interswitch betw. radars
Radar 10 cm	Kelvin Huges 5000R/2/S-U
	Arpa w/interswitch betw. radars
Echo sounder	Elac LAZ 5000
Doppler log	Ben Antea
Wind sensor	Lambrect 1453
GPS	Philips MX 200

MANOEUVRING, POSITIONING AND VESSEL MANAGEMENT SYSTEM

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

Dynamic Positioning	Simrad ADP 701
References	1 x Kongsberg Simrad HiPAP system LBL/SSBL
	1 x Fan Beam Laser system
	1 x DGPS N203 Integrated Multi Differential GPS Receiver
	Dassault Sercel NP with Fugro seastar for corrections
	1 x DPS 200 – Differential Position system GPS/GLONASS
Manoeuvring system	Wichmatic II / Simrad ATC
	Simrad remote joystick
Vessel management and alarm system	Simrad AVM

ACCOMMODATION

Accommodation60 persons total
 Single cabins:.....26 where of 6 x state
 Double cabins 17
 All cabins have bathroom with shower and toilets

Hospital 1
 Change Room 1
 Ships Office..... 1

LIFESAVING EQUIPMENT

Life Boats

Make Schat-Harding
 Type MCB28 Totally enclosed survival craft
 Capacity2 boats, each for 60 persons

Liferafts

Type Viking
 Capacity 6 x 20 persons + 1 x 4 persons

Life Raft Crane

Make Ned-Deck Marine BV
 Type SCM 21 – 4,0L/QR
 Capacity 21KN

One off combined Life Raft and Provision handling crane:
 See above

MOB-boat

Make Norsafe
 Type Magnum 750
 Dimensions LOA 7,50 x BOA 2,90 x H 2,05
 Capacity 10/15 persons
 (Norwegian/UK sector)
 Engine Yanmar 4LH-DTE 170 HP
 Speed 26 knots with 3 person

COMMUNICATION EQUIPMENT ACCORDING TO GMDSS A3

HF/MF radio stationSailor 2000-250 W
 Watch rec. 2187,5 kHz.....Sailor RM2150

VHF Transceivers
 VHF dupl. + DSC Sailor RT2047 / RM2042
 VHF dupl. + DSC Sailor RT2047 / RM2042

Wireless telephone connected to the
 Mobil phones:..... Siemens Gigaset 3000 micro
 TelefaxesBrother Fax – 5000 p
 Triumph Adler FX 710 PC

Intercom
 Client's system..... Vingtor
 Vessel's system Stenhans

UHF Portable transceivers
 3 x Motorola GP 900
 VHF Simpl.....3 x Sailor RT2048
 VHF portable transceivers3 x Axis 150
 Weather receiver.....Furuno NX-500

EPIRB Tron 30S MKII
 Radar beacons..... Tron Sart

Satellitt
 Inmarsat B..... Furuno Felcom 80
 Inmarsat C 2 x Husun 2095

Believe to be correct.

