



Eidesvik



# *Viking Vanquish*

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## VIKING VANQUISH

Signal letters ..... LIUG /  
 IMO No ..... 9165554  
 DNV id no..... 19931  
 Design ..... VS 492 MPSV  
 Built ..... Kværner Kleven AS  
 ..... Ulsteinvik  
 Home port .....Haugesund  
 Telephone NMT 450 ..... 945 67950  
 Bridge ..... 53 44 80 67  
 Captain ..... 53 44 80 65  
 GSM Tel ..... 915 53422  
 Fax ..... 53 44 80 68  
 Ch/Eng ..... 53 44 80 66  
 Data ..... 907 18423  
 Inmarsat F (bro) ..... 764683389 / 764683390  
 Party Chief ..... 325948212  
 Eng. ctr ..... 325948213  
 Fax Inmarsat F ..... 764683389  
 Telex ..... 325948216  
 Data ..... 325948217  
 Inmarsat C Telex ..... 425948210  
 MF / HF Radio telex .....  
 MMSI ..... 25 94 82 000  
 Owned by ..... MPSV AS / c/o  
 ..... Eidesvik  
 Operated by ..... Eidesvik N-5443 Bømlo  
 Chartered by ..... CGG Veritas  
 Telephone nat: ..... 53 44 80 00  
 -internat: ..... + 47 53 44 80 00  
 Telefax nat.: ..... 53 44 80 01  
 -internat ..... +47 53 44 80 01

## CLASS NOTATION

**Det Norske Veritas**

DNV + 1A1, SF, EO, HELDK, DK+

## PRINCIPAL DIMENSIONS

Length o.a. .... 93,35 m  
 Length b.p.p ..... 81,30 m

Breadth mid ..... 22,00 m  
 Depth to main deck ..... 8,60 m  
 Draught summer ..... 7,05 m max  
 Free board ..... 1,55 m  
 Length, clear cargo dk ..... 66,0 m  
 Breadth, clear cargo dk ..... 19,20 m  
 Cargo Deck Area ..... 1270 m<sup>2</sup>  
 Gross tonnage (approx.) ..... 8617 GT  
 Dead weight (approx) ..... 6000 MT

## CAPACITIES

	M3	Sp.gr.	Weight MT
Fuel oil	1355	0,870	1283
Lub oil	1355	0,870	1283
Frech Water water	1233	1,000	1233
Ballast Water	3061	1,025	3137

## MACHINERY AND PROPULSION

### Main engines:

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

### Propellers:

Make ..... Wartsila Propulsion  
 Type ..... New in nozzle  
 Diam. .... 3900 mm  
 Rpm. .... 145 RPM

**Aux. engines/Em:** ..... Volvo

Type/rating ..... TAMD 162C /2 x 380Kw

Generators:

Make/Type ..... Newage Stamford

Cap. .... 2 x 440 KVA, 60 Hz

**Shaft Generators:**

Make/Type ..... Leroy Somer/NRW 56 VL 75

Cap. .... 2 x 3800 KVA / 3 x 690V, 60 Hz

## SIDE THRUSTERS

Bowthruster ..... Brunvoll FU-80-LTC-2000  
 ..... 1200 kW / 1700 HP

Bowthruster.....Brunvoll FU-63-LTC-1750-  
 .....735 kW / 1000 HP  
 Stern thrusters 2 .....FU-63-LTC-1750, 735 off  
 .....Kw/1000HP  
 Azimuth thruster.....Brunvoll AR-63-LNC-1650-  
 .....880kW(1200 BHP)

## DISCHARGE RATE

	M3/Hour	BarType	Drive/Pump Type
Fuel Oil.....	2 x 250.....10		Hydr. / screw
Fresh Water .....	2 x 200.....10		El./centrifugal
Drill Water .....	2 x 200.....10		El./centrifugal 2 speed
Liquid Mud .....	2 x 75.....24		Hydr./eccentric Centrif
....."	2 x 125.....28		Hydr. / Centrifugal
Brine.....	2 x 100.....25		Hydr. / Centrifugal
Base Oil .....	2 x 100.....9		El.driven/Centrifugal
Methanol .....	2 x 75.....8		Hydr. / subm. Centrif.
Bulk Compr. ....	2 x 31 .....6		m3/min

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

## FUEL CONSUMPTION

	Cond.	Knots/day	APPROX.
Full speed ballast condition .....	17		34
Service speed ballast condition .....	15		21
Economic speed ballast cond.....	11,5		6,4
Economic speed draft 6,0 m.....	11,5		8,6
Service speed draft 6,0 m.....	15		21,9
DP condition, 2400 kw utilization (only propulsion included).....	12		6,9

## DECK EQUIPMENT

Tugger winches.....N/A  
 Capstan(s) ..... 2 x Ulstein Brattvåg CM  
 ..... 41008/10 tons  
 Crane .....ROV and cargo handling  
 ..... crane/Hydramaskin  
 ..... Capacity SWL 10 tons /  
 ..... radius 2,0 - 10,0 m  
 Crane ..... MOB boat and cargo  
 ..... Handling crane  
 Hydramaskin ..... SWL cap. SWL  
 ..... 3 tons/radius 2,0 - 10,0 m  
 Provision crane forw. .... Hydramaskin cap. SWL

.....1,5 tons/radius 2,0 - 10,0 m  
 Knuckle Jib Crane (offshore crane) Hydramarine HMC 2806  
 .....LKO 260. SWL 26 tons

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

Pipe Support System ..... 5 x Securing devise to  
 ..... prevent pipes from rolling on deck.  
 ..... 1 for each bay of pipe  
 ..... Automatically securing the  
 ..... pipes when Unloading  
 ..... on the first layer.

## Tower crane:

Maker .....MKG Maschinen-und  
 Type .....HMC 140 a4 No 960-1285  
 ..... 1000 kg /radius 10,97

## NAVIGATION

Magnetic Compass.....NOR Mod. 17  
 GPS ..... Phillips MK10  
 Gyro Compass ..... 3 x Robertson RGC 11  
 Auto Pilot ..... Simrad AP9 MK II  
 Doppler log ..... Furuno DS-70  
 Radar 3 cm.....Furuno FAR - 2825, ARPA 1  
 Radar 10cm..... Furuno FAR - 2835 S, ARPA 1  
 Echo sounder ..... skipper GDS 101, 38 Khz  
 Wind sensor .....DEIF 879, 2 off

## MANOEUVRING, POSITIONING AND VESSEL MANAGEMENT SYSTEM

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

Dynamic Positioning..... Simrad SDP 22  
 Reference ..... Fan Beam laser system /  
 ..... MDL MK 4  
 ..... Diff. GPS / Seatex DPS 12  
 ..... HPR/ Simrad HIP AP  
 Manoeuvring system ..... Wichmatic II / Kongsb.  
 .....  
 .....  
 ..... Simrad STC

Manual Joystick .....Kongsberg Simrad  
 ..... SDP - OT  
 Vessel Management system  
 cargo handling and alarm ..... Kongsberg Simrad SVC 40

**ACCOMMODATION**

Day room/mess  
 No smokers .....2 off  
 smokers..... 1 off  
 Laundry .....2 off  
 Gymnasium..... 1 off  
 Cabins state .....4 off  
 1. man ..... 10 off  
 2. man .....21 off  
 4. man ..... 4 off  
 All cabins with toilet and shower.  
 Office; Ships off..... 1 off  
 Client off\* .....3. off  
 ROV Ops..... 1 off  
 \* 2 client office / cabins

**LIFESAVING AND RESCUE EQUIPMENT**

**MOB-boat** ..... 1 x Mare Safety  
 Dimensions ..... Loa 7,50 x Boa 2,90 x H 2,05  
 Capacity ..... 15 (Norwegian/UK sector)  
 Engine ..... Steyr 236 Solas 225 HP  
 Speed..... 31 knots with 3 person  
**Liferafts** ..... 8 off 25. man + 2 off 6. man  
 Make ..... Viking

**COMMUNICATION**

VHF Portable GMDSS .....3 off  
 Make .....Navico  
 Type ..... SRH 350 w/display  
 VHF portable .....3 off  
 make .....Motorola  
 Type ..... GP 900  
 UHF portable ..... 10 x Motorola GP 900  
 UHF Stationary ..... 2 off Motorola GM 350  
 EPIRB ..... 1 off Jotron Cosp./Sar.  
 Tron .....30 S MK II  
 Radartransponder..... 2 off Jotron 9 GHZ Tron  
 ..... SART  
 .....vessels side.

**SPECIAL FACILITIES FOR CONSTRUCTION AND ROV WORK**

Mezzanine deck with .....2x Work ROV  
 Moonpool..... 7,2 x 7,2 m  
 ..... Removable hatch at 1st. deck  
 ..... and in bottom  
 General cargo ..... 10 tons/m2 aft of moonpool  
 deck strength .....5 tons/m2 forward of moonpool

Local cargo deck strengthening  
 Bars flush with wooden deck as shown on GA for fastening of equipment.  
 Strengthening for static load 110 ton on 1 meter on each deck

Strengthening for winch 250 ton at forward part of cargo deck. Rounded and strengthened transom stern in 18 meter with removable bulkwark in stern strengthening for 330 tm crane.

**SPECIAL FACILITIES FOR ROV'S**

R .....

