

MS Viking Surf



**MS Viking Surf – 70,40m Platform Supply Vessel.
Delivered in December 2002 by West Contractors AS,
Norway as yard no. 19 to Eidsurf AS, Bømlo, Norway.
The design is by Vik & Sandvik AS, Fitjar, Norway. This
vessel is the first VS470 of this new successful type
made.**

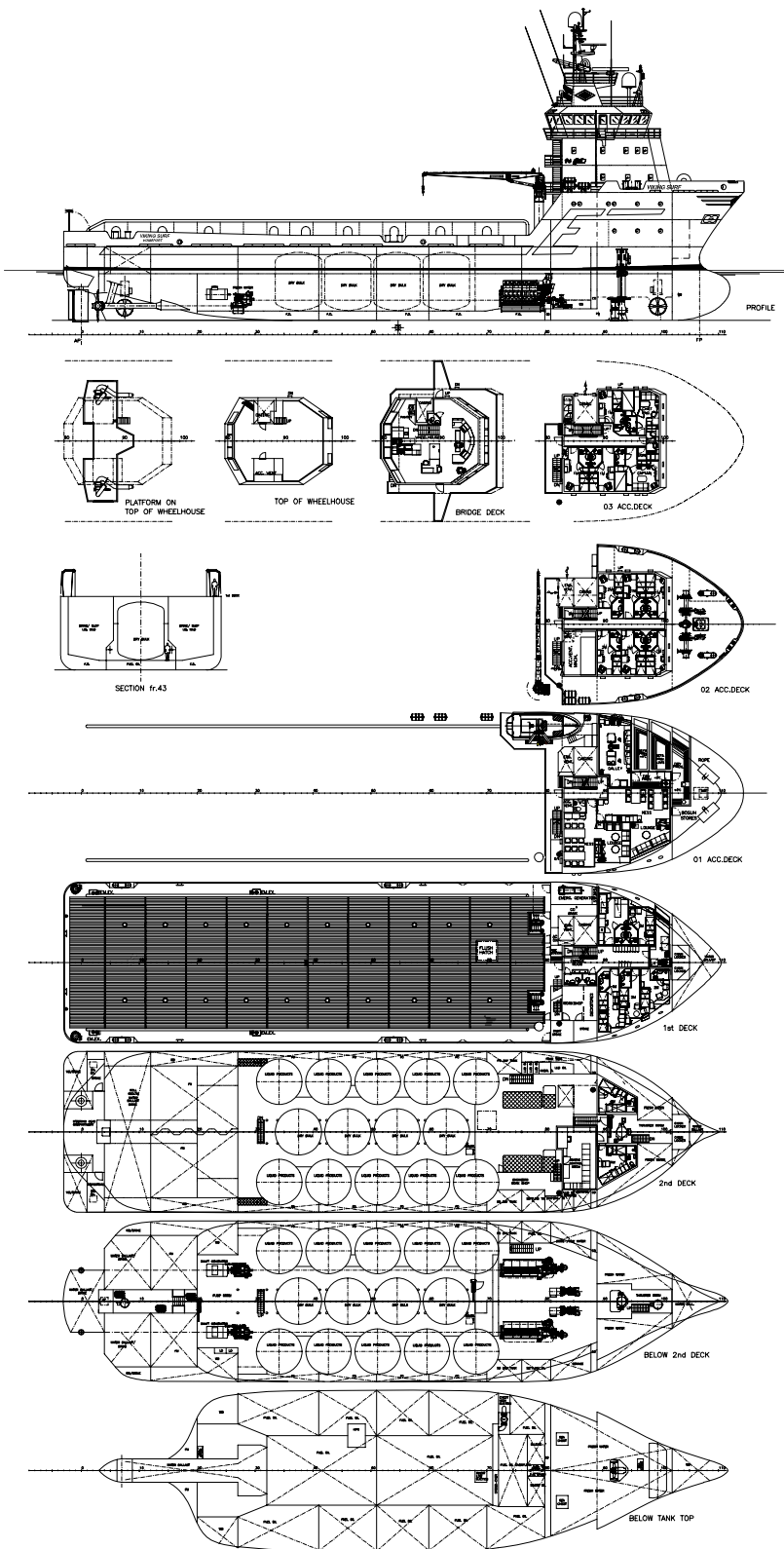
Principal particulars

Length o.a.:	70,40 m
Length p.p:	64,00 m
Breadth mid:	16,60 m
Depth to 1st. Deck:	7,60 m
Gross tonnage:	2409 GRT
Speed:	14,5 knots
Class:	DNV +1A1, SF, E0

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Propulsion system

Main Engines: 2 x MAK 8M25 (3264 hp)
 Gear: Rolls Royce 600 AGSC-KP /500HD
 Propeller system: Ulstein 30 P1/4T – 86 P1/4T
 Shaft generators: Leroy Somer LSA53 VS7, 1440kW

Auxiliary engines

Main generators: 2 x Caterpillar 3406TA 345kW
 Emergency diesel generator: Caterpillar 3304NA 73kW

Sidethrusters

Make: Brunvoll
 Fwd: 2 x AR-63-LNC-1650 (800 hp)
 Aft: 2 x FU-63-LTC-1550 (800 hp)

Electronical equipment

Radar 1: Furuno FAR-2825X 3CM
 Radar 2: Furuno FAR-2835S 10CM
 Sat Nav / Direction finder: 2 x Furuno GP80
 Chart plotter 1: Simrad ECDIS SPS-2000
 Autopilot: Robertson AP9 MK III
 Gyrocompass: 2 x S.G. Brown Gyro
 Log: Furuno DS-80
 Dynamic Positioning System: Simrad SDP11
 Radar Transponder: Sailor, Tron SART
 Echo Sounder: Furuno FE 700
 GMDSS station: Furuno RC66SA3
 Weatherfax: Navtex NX-500
 Cellphones/fax: Nokia PremiCall GSM
 Sat Phone/fax: Nera Inmarsat B
 Onboard Phone System: Siemens 3010
 VHF: Furuno/Sailor/Comrod
 MF/HF/SSB Radio telephone: Furuno FS-5000

Ship systems

F.O. and L.O. separators: Alfa Laval
 Air Compressors: Atlas Copco LE-75 E250
 Oily water separator: Helisep M-2500
 Vent./AC-arrangement: Mijø-Teknikk AS
 Fresh Water Generator: Norwegian MT 10 T-35 T SRH
 Fans: Mijø-teknikk MPV 300 A1K
 Engine room CO2 plant: Alf Lea & Co
 Main alarm system: Aker Maritime IAS
 Mob boat: Mako 655 Jet, 225 hp Steyr
 Liferrafts: 6 x Viking 160DK+
 Bulk storage system: Randaberg Sveiseservice
 Ballast monitoring system: Aker Kværner IAS
 Searchlights: Norselight
 Fire alarm: Elteco
 Rudders: Rolls-Royce High Lift Flap Rudder
 Steering Gears: Rolls-Royce Tenfjord SR642
 Switchboard: 450V - ABB

Capacities

Fuel oil: 1070 m3
 Fresh water: 858 m3
 Water Ballast: 710 m3
 Dry bulk: 340 m3
 Accommodation: 32 men
 Deck area: 680 m2
 Deck load: 1600 tonnes

Deck equipment

Deck Crane: Hydramarine HMC1077 3T/12M
 Tugger winch: 2 x Brattvaag LAKMS 41010 10T
 Anchor windlass: Brattvaag BFMG63044