



Eidesvik



*Viking
Dynamic*

VIKING SUPER PSV

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CLASS NOTATION

DnV ✱ 1A1, Supply Vessel, SF, , LFL* E0, Dynpos- AUTR.
 Register notations DK (+) and HL (2,5) Clean.

PRINCIPAL DIMENSIONS

Length o.a. 90,20 m
 Length b.p.p. 77,20 m
 Breadth mld 19,00 m
 Depth to main deck 8,40 m
 Draught summer 6,97 m
 Free board 1,43 m
 Length, clear cargo dk 62,4 m
 Breadth, clear cargo dk 15,70 m
 Cargo Deck Area 985 m²
 Cargo Rail height 3,20 m
 Gross tonnage 3524 GT
 Dead weight 4505 MT

CAPACITIES

	M3	Sp.gr.	MT
Fuel oil	1403	0,870	1221
Potable water	822	1,000	822
Drill water/ballast	1838	1,025	1857
Liquid mud	731	2,500	1827
Methanol	284	0.800	227
Special product	142	0.800	113
Dry bulk	350	2,330	815
Brine	731	2,500	1827
Base Oil max3	239	0,870	208

Tank washing system with hot and cold water.
 Chemical injection in washing water for mud,
 brine and base oil tanks.

Note! Separate pumps- and piping system for all types of liquid cargo.

DISCHARGE RATE

	M3/Hour	Bar	Type 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.
Liquid Mud	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	10	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

MACHINERY AND PROPULSION

Main engines:

Make Caterpillar
 Type/No. 3516 BTA
 Rating 5 x 1901 BkW
 (5 x 2585 BHP)

Propellers:

Make Rolls Royce
 Type. Azimuths
 Diam. 3600 mm
 Rpm. 0 -150 RPM

Aux. engines/Em: Caterpillar
 Type/rating 3480TA / 397 bKw

Generators:

Make/Type xxx
 Cap. 1 x xxx KVA, 440V 60 Hz

Main Generators:

Make/Type Aker Elektro Alconca
 Cap. 5 x 1825KW / 690V, 60 Hz

SIDE THRUSTERS

Bowthruster Brunvoll FU 80 LTC
 1000 kW / 1360 HP
 Bowthruster Brunvoll FU 80 LTC
 1000 kW / 1360 HP
 Azimuth thruster Rolls Royce UL 1201 FP
 880 kW / 1200 HP

FUEL

CONSUMPTION

Cond.	Knotst	day	Approx.
Economic sped draft 6,0 m	xxx	.....	xx T
Economic sped draft 6,0 m	xxx	.....	xx T
Maximum speed draft 6,0 m	xxx	.....	xx T
Maximum speed draft 5,25 m	17,4	.....	xx T
DP condition, xxxx kw utilization (only propulsion included)	xx	.....	xx

DECK EQUIPMENT

Tugger winches	2 x RR Brattvåg	16 tons
Capstan(s)	2 x Hydrakraft	10 tons
Crane	Hydramarine HMC 1610	
	LKO 100-10 3T/10m	
Traveling Cargo Crane	TTS Norlift	7 T/ 17M
		10 T/ 10 M

NAVIGATION

Magnetic Compass	NOR Mod.	17
Gyro Compass	3 x SG Brown Meredian	
Auto Pilot	Simrad STC	
Radar ARPA 3 cm	Furuno FAR – 2825 X	
Radar ARPA 10cm	Furuno FAR – 2836 S	
AIS	Furuno	
Ecdis	Furuno FEA – 2105	
Weatherfax	Furuno FAX – 208A MK II	
Echo sounder	Skipper GDS 101, 38 Khz	
Doppler log	Furuno DS-80	
Wind sensor	2 x Gill Wind-observer II	
GPS	Leica MX 420//2	
Navtex	Furuno NX - 500	

COMMUNICATION

Radio Plants GMDSS	1 x Furuno FS 5000/400W
VHF Stationary GMDSS	2 x Furuno FM - 8700
VHF portable GMDSS	3 x Axis 50
Inmarsat C GMDSS	2 x Furuno Felcom 12
VHF Stationary	3 x Furuno FM - 2520
VHF portable	3 x Motorola GP 340
VHF Direction Finder	1 x TAIYO TD - L1550
UHF portable	4 x Motorola GP 900 EEX
UHF Stationary	1 x Motorola GP 950
Inmarsat B	1 x Furuno Felcom 82 B
EPIRB	1 x Tron 40 S
Radartransponder	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 Simrad SDP 22
Reference Fan Beam MDL MK 4
..... 2 x Seatex DGPS
Manoeuvring system Kongsb. Simrad STC
Manual Joystick Kongsberg Simrad SDP – OT
Vessel Management system
Cargo Handling and Alarm Aker Elektro IAS

ACCOMMODATION

Day room/mess	
No smokers	1 off
Smokers room	1 off
Laundry	1 off
Gymnasium	1 off
Cabins state	2 off
1. man	10 off
2. man	4 off
All cabins with toilet and shower	
Office; Ships off.	1 off
Hospital.	1 off

LIFESAVING AND RESCUE EQUIPMENT

MOB-boat	1 x Norsafe Mako 665
Dimensions	Loa 7,50 x Boa 2,90 x H 2,05
Capacity	10/15 (Norwegian/UK sector)
Engine	Steyr 212 HK
Speed	26 knots with 3 person
Liferafts	4 off 20. man
Make	DSB (Deutsche Schlauchboot)
Type	LR97L

VS 490 PSV
PLATFORM SUPPLY VESSEL

