

## M/V Solvik Supplier

<b>SHIP DESIGN</b>	VS 485 MK II PSV
<b>CLASSIFICATION</b>	BV Nr: 21737E
<b>BUILDER</b>	SEVERNAYA YARD ST PETERSBURG, HULL NO 696
<b>IMO NUMBER</b>	<b>9589607</b>
<b>PORT OF REGISTRY</b>	NASSAU
<b>FLAG</b>	BAHAMAS
<b>MMSI</b>	<b>311 070 200</b>
<b>DELIVERY</b>	Nov.2011
<b>CALL SIGN</b>	<b>C6ZW5</b>

<b>OWNER:</b>	SOLVIK SUPPLIER AS N-5384 TORANGSVÅG	<b>MANAGER:</b>	VESTLAND MANAGEMENT AS N-5384 TORANGSVÅG
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MAIN DIMENSIONS		CLASS NOTATIONS
Length O.A	85,00 M	BV
Length P.P	77,70 M	I* Hull *Mach
Breadth	20,0 M	COMF-NOISE 3,COMF-VIB 3,*AUT-UMS (SS),
Max Draft	7,163 M	*SYS-NEQ-1 (SS), CLEANSHIP SUPER, ICE,
Gross Tonnage	4366 T	*DYNAPOS AM/AT R, SDS
Net Tonnage	1813 T	ERN 99.99.99.99
Deadweight	5 503 T	NOFO 2009
		Option: Stand-by Vessel (S) NMD Rescue, FiFi I, Deice C



# OUTLINE SPECIFICATION

## MACHINERY AND PROPELLER PLANTS

Main Engines/Generators: 4 x 1825 kw CAT 3516B-DSG  
Emergency Generator: 1 x **223** kw Volvo Penta **D9MG**  
Main Propulsion: 2 x 2300 kw SteerProp SP 35 CRP  
FWD Azimuth: 1 x Brunvoll 880 kW  
FWD Tunnel Thrusters: 2 x Brunvoll 1000 kW

## CARGO CAPACITIES NOFO 2009

Deck Cargo: 2 800 Tons  
Deck Area: 1004 m2  
With snag protection of cargo rail  
Deck Strength: 10 Tons/m2  
Fuel Oil: 907,2 m3,  
Liquid Mud (SG 2.8): 703 m3, Agitators in all tanks  
Brine (SG 2.5): 418 m3,  
Base Oil: 203 m3,  
Pot Water: 1007 m3,  
Drill Water/Ballast: 2470 m3,  
Methanol: 145 m3,  
Special Product: 146 m3,  
Slop: 186 m3, 2 x 100 m3/hour  
ORO: 1803 m3, 8 x 100 m3/hour  
Cement/Barite/Bentonit: 440 m3, 2 x 30 m3/hour  
(segregated in two system)

## ENVIRONMENT AND CARGO CONTROL PLANTS

Incinerator: Saniterm SH 20 SM/SR  
Cement plant: Van Aalst  
All pumps: Ing. Per Gjerdrum  
Electrical Boiler: Parat Halvorsen AS  
Tank Cleaning: Per Gjerdrum AS  
Special Cargo Tanks: Stainless Steel Tanks for Methanol  
Inert Gas System: N2 Generator, Membrane Separation  
Cargo Manifolds: Mids/Aft-ship each side inside "Safe haven"

## NAVIGATION

DP System: Kongsberg K Pos DP 2  
Joystick System: Kongsberg C-Joy Constant  
DP Motion System 1: Sea Tex MRU 2  
DP Motion System 1: Sea Tex MRU 5  
Radarscan: Guidance  
Fanbeam: Kongsberg Lazer Mk 4,2  
DGPS: 2 x Kongsberg Seatex

Bridge Consoles: Fwd and both Wings  
Operation Control Office: Located on Bridge  
Autopilot: Simrad AP 50  
Wind Sensor: 2 x Kongsberg Maritime  
Radar 1: Furuno FAR 2137 S  
Radar 2: Furuno FCR 2827 Chart Radar  
Echo Sounder: Furuno FE 700  
Gyro: 2 x Simrad GC 80 + 1 x Simrad GC 85  
Speed Repeater: Skipper IR 300  
VDR: Furuno VR 3000  
GPS: 2 x Furuno GP 150  
Bridge Watch: **KONSBURG MOS33**  
ECDIS: Tecdis T 2138  
Speed log: Furuno DS 80

## SPEED AND FUEL CONSUMPTION

Full speed: 15,0 knots 24.0 mt/24hrs  
Service speed: 12.5 knots 17,0 mt/24 hrs  
Economic speed: 11.0 knots 11,3 mt/24 hrs  
DP operation: 5,6 mt/24 hrs at position keeping 1,6m Hs  
St-by at field: 2,9 mt/24 hrs at one engine  
Harbor mode: 1,4 mt/24 hrs

## CARGO HANDLING EQUIPMENT

1 x TTS Marine GPK knuckle crane, SWL 3 tons/13 meter  
1 x TTS Marine GPT telescopic jib, SWL 3 tons/13 meter  
2 x Capstans aft, NDM SWL 8 tons  
6 x Cargo Securing Winches, NDM SWL 3 tons  
2 x Tugger Winch, NDM TU SWL 15 tons  
6 x Reefer points PS/SB 110 V 36A 60 hz

## LIFE SAVING EQUIPMENT

Ship Certificate: 23 persons  
Life Rafts: 4 x 25 persons Unitor  
MOB: 1 x NOREQ RRB 500  
MOB Davit: 1 x HLT 3500 TTS  
Survival Suits: 23 x SOLAS Immersion Suits  
Survival suits according to rules

## COMMUNICATION

Navtex: Furuno NX-700 B  
Radar Transponder: 2 x Jotron Tron SART  
DSC Terminal: Furuno FS-2570 C  
AIS: Furuno FA 150  
EPIRB manual: Jotron 45 SX  
EPIRB Free Float: Jotron Tron 40 S Mk II  
Radio Station: SSB, MF, HF, Furuno FS-1570  
VHF Portable: 3 x Jotron Tron TR 20 GMDSS  
VHF Station: Furuno FM-8800 S  
UHF Portable: 5 x Motorola GP 340  
Inmarsat C: Furuno Felcom 15  
Intercom: Zenitel ACM 144 66/VO  
Sound System: Vingtor VSS 111  
Emergency: Vingtor VSP 211 L  
PA System: Zenitel VPA 120, 240 and 400  
Satellite Communication: VSAT +4721615635/36/37/38  
Mobile Phone: Nor mobile : +47 95282973  
Vessel E-mail: [captain.solvik@vestlandoffshore.no](mailto:captain.solvik@vestlandoffshore.no)

## ACCOMMODATION

Outfitted for 23 persons in spacious and comfortable facilities  
Single Cabins: 13 with bathrooms  
Double Cabins: 5 with bathrooms  
Hospital: 1 Highest standard  
Office: 1 fully outfitted  
Day Room: 2 comfortable outfitted  
Gymnasium: 1 fully outfitted  
Entertainment: In Day Rooms and all Cabins  
Antiroll Tank: 1 x 440 m3 + 1 x 160 m3