


Fram Princess - PSV

General	
Design	Havyard 832 CD
Built	Tersan Shipyard, Turkey
Delivered	2013
IMO	9651852
Call sign	5BZT5
Flag	Cyprus
Port of reg	Limassol
ERN	99.99.95.80



Class
BV <input checked="" type="checkbox"/> HULL <input checked="" type="checkbox"/> MACH Offshore support vessel (Supply ; Fire-fighting) Unrestricted navigation COMF-VIB 3, <input checked="" type="checkbox"/> AUT-UMS, <input checked="" type="checkbox"/> SYS-NEQ-OSV, CLEANSHIP SUPER <input checked="" type="checkbox"/> DYNAPOS AM/AT R, SDS

Main dimensions		Deck capacities	
Length overall:	78.60m	Cargo deck area:	801m ²
LPP:	68.82m	Cargo deck free:	56.0m x 14.3m
Breadth moulded:	17.60m	Cargo rail:	4.10m / 2.40m stern
Depth moulded:	7.70m	Deck capacity:	2,200 mt (VCG 1m)
Maximum draught:	6.50m (min 3.80m)	Deck strength:	5 mt/m ²
Air draft:	30.00m		
DWT at max draught:	3,548 tons		
Lightship weight:	2,328		
GRT:	2,925		
NRT:	903		

Main engines	Thrusters
4 x Cat 1,630kW, Diesel Electric Propulsion	1 x FP Tunnel thrusters fwd 1,224 BHP
3-phase synch. 690VAC Variable Frequency	1 x FP Tunnel thrusters fwd 1,224 BHP
1 x 100 kW Harbor/Emerg generator	
Total installed power 6,620 kW (8,878 BHP)	2 x RRM Azimuth propellers 1,600kW each (2,146 BHP)

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Fuel consumption		DP reference system
14,5 knots:	16 t/day	1x DGPS 232, 1x DGPS 122 (GPS/GLONASS)
12 knots:	9.9 t/day	m/IALA, Inmarsat, HP/XP/G2 & Spotbeam
11 knots:	8.5 t/day	1x RadaScan (Mini-Radascan)
10 knots (economical speed):	7.8 t/day	1x Radascan transponder
8 knots:	5.6 t/day	1x CyScan with tubular target
Harbour:	1.0 t/day	1x RADIUS 1000 Dual System
Offshore/DP operation:	4.8 t/day	1x RADIUS 550x Low Power Long Range EX
Idle ex 500m zone:	2.1 t/day	Transponder

Deck equipment	Accommodation
Deck crane 2 x 26 tm 2.2t at 12m each 2 x Tugger winches (10mt) 3 x Capstans (10mt) 12 x 220V -64Amp, 6 x 440V-32 Amp +++	Accommodation for 25 persons (13 x 1-man, 1 x 2-man, 2 x 3-man, 1 x 4-man cabins)

Tank capacities	Pumps
Ballast water/drill water 2,183m ³	2x Spindel 0-200 m ³ /hr, 90MLC 9bar
Fresh water (8 dedicated) 820m ³	2x Spindel 0-200 m ³ /hr, 90MLC 9bar
Dry bulk (5 tanks - SG 2.32) 289m ³ 10,206 cuft	2 Segregated systems 2x 75-90 tons/hr. 5.6 bar, 25m ³ /min
Base oil (1 dedicated - 880bbbls) 140m ³	1 x 0-100 m ³ /h 90 MLC, 9 bar
Fuel Oil (14 dedicated) 1,041m ³	2x Spindel 0-200 m ³ /hr, 90MLC 9bar
Liquid mud SG 2,8 (8 combo-Brine) 955m ³ 6,006bbbls	2x eccentric screw 0-100 m ³ /h 90 MLC 24 bar
Brine SG 2.5 (8 combo - Mud) 955m ³	2x 0-100 m ³ /h 90 MLC or 24 bar
MEG (2 dedicated) 182m ³	
Cargo rail height 4.10m - 2.40m stern 4 manifolds, two on each side and two PS/SB aft Mud Box installed on all filling lines Hydraulic agitators in all mud tanks The piping is arranged as two systems capable of discharging two types of bulks simultaneously through two separate discharge lines. Mucking ejector fitted. 8 x Tank Washing Machines, 60 deg C/ 10m ³ / hr/ 12 bar	

FIFI II equipment	MOB / Standby
2 remote operated FiFi I monitors on wheelhouse top All 1,200m ³ /hr each, deluge according to class	1 FRC 15 Pax 4 x 25 persons life rafts 1x Dacon Scrambling net, STB Side