


SAYAN Princess – Havyard 832 CD PSV

General	
Design	Havyard 832 CD
Built	Tersan Shipyard
Delivered	2013
IMO	9651852
Call Sign	9HA3059
Flag	Malta
Port of Reg	Valetta
ERN	99.99.95.88



Class
1A1 Fire fighter(I) Clean(Design) COMF(V-3) DK(+) DYNPOS(AUTR) E0 HL(2.8) NAUT(OSV(A)) SF

Dimension	Deck Capacities
Length overall: 78.60 m	Cargo deck area: 801m ²
LPP: 68.82 m	Cargo deck free: 56,0m x 14,3m
Breadth moulded: 17.60 m	Deck Capacity: 2200 MT (VCG 1m)
Depth moulded: 7.70 m	Deck Strength: 5 MT/m ²
Maximum draught: 6.50 m	GRT 2925
DWT at max draught: 3,548 tons	NRT 903

Power and Propulsion	
Main Engines: 4 x Cat 1600kW, Diesel Electric Propulsion 3-phase synch. 690VAC Variable Frequency 1 x Harbor/Emerg generator 1 x 100 kW Total installed power 6400 kW (8.432 BHP)	Thrusters: 1 x FP Tunnel thrusters fwd 1200 bhp 1 x FP Tunnel thrusters fwd 1224 bhp 2 x RRM Azimuth propellers 1600kW each

Fuel Consumption figures	DP Reference System
14,5 knots 18.1 T/Day 12 knots 10 T/Day 10 knots 8.6 T/Day Harbour 1MT/Day	2 x DPS 200 Positioning Reference systems (GPS/GLONASS) m/IALA, Inmarsat & Spotbeam 1x CyScan. 1x RADIUS 1000 Dual System 1x RADIUS 550x Low Power Long Range EX Transponder

Sevnor Limited

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Deck Equipment	Accommodation
Deck Crane 2 x 26 tm 2,2 t at 12 m each 2 x Tugger winches (10mt) 3 x Capstans (10mt) 12 x 220V -16Amp, 6 x 440V-32 Amp +++	Accommodation for 25 13 x 1-man cabin 1 x 2-man cabin 2 x 3-man cabin 1 x 4-man cabin

Cargo - Tank Capacities / Pumps		
Tank		Pump
Ballast water/drill water	2183 m3	2x Spindel 0-200 m3/hr, 90MLC 9bar
Fresh water (8 dedicated)	820 m3	2x Spindel 0-200 m3/hr, 90MLC 9bar
Dry bulk (5 tanks - SG 2,32)	289 m3 10206 cuft	2 Segregated systems 2x 75-90 tons/hr. 5.6 bar, 25 m3/ min
Base oil (1 dedictaed)	140 m3	1 x 0-100 m3/h 90 MLC, 9 bar
Fuel Oil (14 dedicated)	1041 m3	2x Spindel 0-200 m3/hr, 90MLC 9bar
Liquid mud SG 2,8 (8 combo-Brine)	955 m3	2x eccentric screw 0-100 m3/h 90 MLC 24 bar
Brine -SG 2,5 (8 combo - Mud)	955 m3	2x 0-100 m3/h 90 MLC or 24 bar
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 are 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/ 10 m3/ hr/ 12 bar		

FIFI II Equipment	MOB / Standby
2 remote operated FiFi I monitors on wheelhouse top All 1200m3/hr Each, deluge according to class	1 FRC 15 Pax, Prepared for NMA Standby. Standby Vessel (S) 270 persons 4 x 25 pers life rafts



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