

# GREATSHIP RASHI

## PLATFORM ROV/SUPPORT VESSEL



Artist's Impression

Class Notation	LRS '1+100A 1, Offshore Supply Ship, Liquid Product Tanks (SG 2.8), LOW FLASH POINT LIQUIDS, Upper Deck Aft of Fr 84 Strengthened for load of 5 tonnes/m <sup>2</sup> , EP(A,B) +LMC, UMS, DP (AA), NAV1, CAC3, PCR, IWS Colombo Dockyard Ltd, Sri-Lanka
Place of build	Colombo Dockyard Ltd, Sri-Lanka
Year of build	Feb 2011
Flag	Indian
IMO	9522520

### Main Particulars

Design	STS 909
LOA	78.00 m
Length PP	72.00 m
Breadth Moulded	17.00 m
Depth Moulded	8.0 m
Max. Loaded Draft	6.30 m

### Performance

Economic Speed	10 knots
Speed at 100% MCR	13.8 knots
FO consumption at economic speed	16.5m <sup>3</sup>
Type of Fuel	HF HSD (Marine Gas Oil)

### Capacities

Deadweight	3700 tons at 6.3 m draft
Net Tonnage	967 (approx)
Gross Tonnage	3226 (approx)
Deck Cargo	1200 tons
Cargo Deck Dimensions	51.3 m x 14.2 m
Deck Area	725 m <sup>2</sup>
Deck Strength	5 t/ m <sup>2</sup>
Dry Bulk Capacities	308 m <sup>3</sup> in 4 Tanks (2 Grades)
Potable/Fresh Water	761 m <sup>3</sup>
Drill Water/Ballast Water	913 m <sup>3</sup> (including Roll Reduction Tanks)
Liquid Mud	988 m <sup>3</sup> (2 Grades)
Brine	790 m <sup>3</sup>
Base Oil	396 m <sup>3</sup>
Fuel Oil	1304 m <sup>3</sup>
Methanol	140 m <sup>3</sup>
Roll Reduction Tanks	2
Foam Tank	25 m <sup>3</sup>

Freezer Room	13.44 m <sup>3</sup>
Cooler Room	17.03 m <sup>3</sup>
Fresh Water Generator	25 tons/day

### Deck Equipment

Capstans	2 x 8 tons @ 0 ~ 15m/min.
Tugger Winches	2 x 10 tons @ 0 ~ 15m/min.
Deck Crane	1 x 3 tons @ 10 m - 16 m

### Additional Features

FRC with LARS	Provided
Moonpool (Prepared)	4.8 m X 4.8 m
Fire Fighting (option)	FiFi 1
Offshore Crane (option)	50 tons

### Discharge

Dry Bulk	2 x 25 m <sup>3</sup> / min at 5.6 bar
Fresh Water	2 x 100 m <sup>3</sup> / hr at 9 bar
Ballast / Drill water	2 x 100 m <sup>3</sup> / hr at 9 bar
Liquid Mud / Brine	3 x 75 m <sup>3</sup> / hr at 9 bar
Base Oil	1 x 90 m <sup>3</sup> / hr at 9 bar
Fuel Oil	2 x 100 m <sup>3</sup> / hr at 9 bar
Methanol	2 x 75 m <sup>3</sup> / hr at 9 bar
Tank Cleaning	Suitable for mud tanks

### Propulsion and Machinery

Main Engines: KW	2 X 2320 kW, Total 4640 kW
Propellers	2 x CPP

### Thruster

Bow 1	1 x 900 kW, Tunnel
Bow 2	1 x 900 kW, Tunnel
Stern 1	1 x 400 kW, Tunnel
Stern 2	1 x 400 kW, Tunnel

### Auxiliary Engines

Shaft Generators	2 x 1600 kW
Diesel Generator	2 x 460 kW
Emergency Generators	1 x 90 kW
Supply System - Voltage	440 V, 60 Hz, 3 Phase

### Accommodation

For Officers and Crew	16
1 Man Cabins	4
2 Man Cabin	6
For Passengers	34
1 Man Cabins	2
2 Man Cabin	16
Hospital	2 Bed
Total Accommodation	50 Berths, Fully Air-conditioned
Office	2 nos, Charterers and ROV

### Anchoring Equipment

Windlass	1 x Anchor/Mooring Winch
Anchors	2 x 1700 Kgs, High Holding Stockless
Chain Cables	330m x 42mm (dia) on each side

### ROV Support

Removable Bulwarks	Suitable for rescue operations P & S
Store/Work-shop	On Main deck, aft of acco. area
Deck Sockets	1 x 440 V, 2 x 220 V, 1 x 24 V DC
ROV Plug-in	All wiring connections from deck

### Regulatory Compliance

SPS Code 2008	Yes
Sewage Treatment Plant	Suitable for 50 persons

*The vessel specifications are subject to modifications and may change without prior notice.*

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