

# GREATSHIP DIYA

## UT 755 L PSV - DP I



Class Notation	DNV : +1A1, SF, EO, HL(2.5) DYNPOS AUT, DK(+)
Place of build	Aker, Norway
Year of build	Aug 2003
Flag	Indian
IMO	9280914

### Main Particulars

Design	UT 755L
LOA	72 m
Length PP	66.3 m
Breadth Moulded	16 m
Depth Moulded	7 m
Max. Loaded Draft	5.9 m

### Performance

Trial Speed	14.5 Knots
At 100 % MCR	17 - 19 tons/day @ 13.5 knots
At 85 % MCR	15 - 17 tons/day @ 13 knots
At Economical Speed	8 - 11 tons/day @ 10 knots
Type of Fuel	HF HSD (Marine Gas Oil)

### Capacities

Deadweight	3280 tons
Net Tonnage	1042 tons
Gross Tonnage	2154 tons
Deck Cargo	1600 tons
Cargo Deck Dimensions	50.4 m X 13.5 m
Deck Area	680 m <sup>2</sup>
Deck Strength	5 t/ m <sup>2</sup>
Dry Bulk Capacities	320 m <sup>3</sup>
Potable/Fresh Water	798 m <sup>3</sup>
Drill Water / Ballast Water	512 m <sup>3</sup>
Oil based Mud	1010 m <sup>3</sup>
Brine	400 m <sup>3</sup> (same as mud tanks)
Base Oil	203 m <sup>3</sup>
Fuel Oil	1021 m <sup>3</sup>

Methanol	Not available
Freezer Room	Available
Cooler Room	Available

### Deck Equipment

Capstans	2 x 8 tons @ 0 ~ 19m/min.
Tugger Winches	2 x 10 tons @ 0 ~ 16m/min.
Deck Crane	1 x 3 tons @ 16 m

### Discharge

Dry Bulk	2 x 23 m <sup>3</sup> / min. at 5.6 bar
Fresh Water	1 x 200 m <sup>3</sup> / hr at 9 bar
Ballast / Drill water	1 x 150 m <sup>3</sup> / hr at 9 bar
Liquid Mud / Brine	2 x 75 m <sup>3</sup> / hr at 18 bar
Base Oil	1 X 150 m <sup>3</sup> / hr at 9 bar
Fuel Oil	1 x 200 m <sup>3</sup> / hr at 9 bar
Methanol	Not Applicable

### Propulsion and Machinery

Main Engines: BHP	2 X 2725 BHP, Total 5450 BHP
Main Engines: Type	Bergen KRMB-9
Propellers	2 x CPP

### Thruster

Bow 1	1 x 790 BHP, Tunnel
Bow 2	1 x 790 BHP, Tunnel
Stern 1	1 x 790 BHP, Tunnel
Stern 2	Not available

### Aux Engines

Shaft Generators	2 x 1280 kW (1600 kVA)
Diesel Generator	2 x 248 kW (310 kVA)
Emergency Generators	1 x 48 kW (60 kVA)
Supply System - Voltage	440 V, 60 Hz

### Accommodation

For Officers and Crew	16
1 Man Cabin	10
2 Man Cabin	1
4 Man Cabin	1
For Passengers	4
4 Man Cabins	1
Hospital	Nil
Total Accommodation	20 Berths, fully Air-conditioned

### Anchoring Equipment

Windlass	1 x Anchor / Mooring winch with two declutchable cable lifters and warping ends
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*The vessel specifications are subject to modifications and may change without prior notice.*

## Greatship (India) Limited

#101, Marathon Innova B2, Off Ganpatrao Kadam Marg, Lower Parel (West),  
Mumbai – 400 013, India. Phone: +91 (22) 2482 2000 Fax: +91 (22) 2492 4232  
E-mail: marketing@greatshipglobal.com