

# GREATSHIP DIPTI

## UT 755 LN PSV - DP II



Class Notation	DNV: +A1, SF, LFL*, EO, DYNPOS AUTR, CLEAN, DK(+), HL(2.5), TMON
Place of build	Aker, Norway
Year of build	Nov 2005
Flag	Indian
IMO	9340532

### Main Particulars

Design	UT 755LN
LOA	73.60 m
Length PP	68.30 m
Breadth Moulded	16.0 m
Depth Moulded	7.0 m
Max. Loaded Draft	5.80 m

### Performance

Trial Speed	14.85 knots
At 100 % MCR	16 - 18 tons/day @ 13.5 knots
At 85 % MCR	14 - 16 tons/day @ 13 knots
At Economical Speed	7 - 10 tons/day @ 10 knots
Type of Fuel	HF HSD (Marine Gas Oil)

### Capacities

Deadweight	3230 tons
Net Tonnage	1120 tons
Gross Tonnage	2263 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	315 m <sup>3</sup> in 5 tanks
Potable/Fresh Water	657 m <sup>3</sup>
Drill Water / Ballast Water	770 m <sup>3</sup>
Oil Based Mud	980 m <sup>3</sup>

Brine	390 m <sup>3</sup> (same as mud tanks)
Base Oil	200 m <sup>3</sup>
Fuel Oil	1000 m <sup>3</sup>
Methanol	140 m <sup>3</sup>
Freezer Room	Available
Cooler Room	Available

### Deck Equipment

Capstans	2 x 8 tons @ 0 ~ 16m/min.
Tugger Winches	2 x 10 tons @ 0 ~ 19m/min.
Deck Crane	1 x 3 tons @ 10 m-16 m
Fast Rescue Craft	1 x 15 Man

### Discharge

Dry Bulk	2 x 22.7 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	2 x 80 m <sup>3</sup> / hr at 9 bar

### Propulsion and Machinery

Main Engines: BHP	2 X 2740 BHP = 5480 BHP
Main Engines: Type	Bergen KRMB-9
Propellers	2 x CPP

### Thruster

Bow 1	1 x 790 BHP (590 kW) Tunnel
Bow 2	1 x 790 BHP (590 kW) Tunnel
Stern 1	1 x 690 BHP (515 kW) Tunnel
Stern 2	1 x 690 BHP (515 kW) Tunnel

### Auxiliary Engines

Shaft Generators	2 x 1280 kW (1600 kVA)
Diesel Generator	2 x 250 kW (312.5 kVA)
Emergency Generators	1 x 48 kW (60 kVA)
Supply System - Voltage	450 V, 60 Hz

### Accommodation

For Officers and Crew	16
1 Man Cabins	10
2 Man Cabin	3
For Passengers	9
5/4 Man Cabins	1 each
Hospital	Nil
Total Accommodation	25 Berths, fully Air-conditioned

### Anchoring Equipment

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

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