

GREATSHIP LEELA

MT6012 MK II MULTI ROLE ROV AND SUPPORT VESSEL



Artist's Impression

Class Notation	DNV : + 1A1- EO,SSC, Dynpos-AUTR Clean, Comf-V(3), Helideck, DK(+) Naut (OSV)
Place of Build	Mazgaon Dock Limited, India
Year of Build	2011
Flag	Singapore
IMO	9483059

Main Particulars

Design	MT 6012 MK II
LOA	93.50 m
Length PP	86.60 m
Breadth Moulded	19.70 m
Depth Moulded	7.70 m
Max. Loaded Draft	6.30 m

Performance

Trial Speed	14.5 Knots
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Capacities

Deadweight	Min. 4000 tons
Net Tonnage	1475 tons
Gross Tonnage	4925 tons
Cargo Deck Dimensions	50 m x 15.85 m
Deck Area	800 m ²
Deck Strength	5-10 t/ m ²
Anti Heeling	560 m ³
Ballast Water	3345 m ³
Potable/Fresh Water	630 m ³
Miscellaneous Tanks	250 m ³
Fuel Oil	1700 m ³
Lubricating Oil	40 m ³
Freezer Room	Available
Cooler Room	Available

Deck Equipment

Capstans	2 x 10 tons hydraulic mooring
Tugger Winches	2 x 15 Tons hydraulic
Deck Crane	2 x 5T @ 15 m radius
Cargo Securing Winch	6 x 3 T

Special Operation Features

ROV Handling Capability	Launching / recovery area
Fire Fighting	Prepared for Class II
Moonpool	6m X 6.6 m

Discharge

Fresh Water	1 x 0-200 m ³ / hr at 9 bar
Ballast / Drill water	2 x 0-200 m ³ / hr at 9 bar
Anti Heeling System	1 x 1200 m ³ / hr
Fuel Oil	2 x 0-250 m ³ / hr at 9 bar

Propulsion and Machinery

Electric Driven: Power	2 X 2600 kW, 2 X 1480 kW
Electric Driven : Type	2 x Wartsila 8L26 + 2 x Wartsila 8L20
Propellers	2 x Fixed Pitch Azimuth Electric driven, 2600 kw, 2800 mm (dia)
System Voltage	690 V / 440 V / 220 V

Thruster

Bow 1	1 x 1050 kw / 900 rpm CPP, Tunnel
Bow 2	1 x 1050 kw / 900 rpm CPP, Tunnel
Bow 3	1 x 1050 kw / 900 rpm CPP, Tunnel

Auxiliary Engines

Emergency Generator	1 x diesel 189 kw, 1800 rpm
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Accommodation

Total Accommodation	100 Berths, Fully Air-conditioned
1 Man Cabin	24
2 Man Cabin	30
4 Man Cabins	4
Hospital	Yes
Day Room	1 , 36 seats
Additional Work Rooms	Workshop, Gymnasium
ROV Control Room	1
ROV Workshop	1
Coference Room	2
Offices	2

Anchoring Equipment

Windlass	2 x electric driven for anchor / mooring
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Dynamic Positioning System

DP System	Kongsberg K Pos DP 21
References	2 x DGPS 1 x Hipap 500

Offshore Crane

On Single Fall:	
Maximum Lift	100 tons at 15 m
Maximum Outreach	25 tons at 32 m
Subsea Capability	40 tons at 3000 m Depth
Type	Hydrmarine Crane Active Heave Compensated

Helicopter Deck

Diameter	22 m
Suitable For	Sikorsky S92 or Equivalent

Regulatory Compliance

SPS Code 2008	Yes
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The vessel specifications are subject to modifications and may change without prior notice.

