COLOMBO DOCKYARD PLC

Platform ROV/ Support Vessel
Greatship Roopa

**General**
- Yard No: 222
- Delivery Date: 11.07.2012

**Basic Functions**
Transportation of pipes, fresh water, diesel, methanol, bulk cement, stores, material, equipment and men between platforms and shore and external fire fighting and oil recovery

**Classification**
L3v 100A1, Offshore Supply Ship, *Oil Recovery Fire Fighting Ship 1,940m³ (75,000 bbls), with Water Spray*, *W&S, RD, (Liquid Product Tanks 2,8), LPL, (Methanol, 12 Deg C, Methanol tanks), SP, SP, UJ, UJ, (UJ, UJ, Upper Deck aft of fr 84), + (LJ, M, UJ, DP, AA, PCI 749/SP, NAW 1, CAC 3 in Dual Class with IRS

**IMO**
9570761

**Dimensions**
- Length overall: 78.00 m
- Breadth moulded: 17.00 m
- Depth moulded: 8.00 m
- Summer Draft: 6.30 m

**Performance**
- Speed: 14.1 knots (81000 MCR Power)
- Endurance: 35 days (Cruising 9200 nm @ 11 knots)

**Capacities**
- Gross Tonnage: 3226
- Deadweight: 3650 tons @ 6.3 m draft
- Net Tonnage: 967
- Fuel Oil: 1310 m³
- Potable/ Fresh Water: 761 m³
- Liquid Mud: 988 m³ (2 grades)
- Brine: 740 m³
- Drill water / Ballast Water: 900 m³ (including oil reduction tanks)
- Dry Bulk capacities: 330 m³ in 4 Tanks (2 Grades)
- Base Oil: 396 m³
- Methanol: 140 m³
- Dry Cargo: 1001
- Deck Cargo: 1601
- Cargo Deck Dimensions: 51.0 m x 14.0 m
- Deck Area: 726 m²
- Deck Strength: 51.2 m²
- Roll Reduction Tanks: 2
- Foam Tank: 20 m²
- Freezer Room: 13.44 m³
- Cooler Room: 17.03 m³
- Fresh Water Generator: 25 tons/day

**Deck Equipment**
- Capstans: 2 x 8 tons @ 0.15 m/min.
- Tugger Winches: 2 x 10 tons @ 0.015 m/min
- Deck Crane: 1 x 3 tons @ 16m

**Discharge**
- Dry Bulk: 2 x 25 m³ / min at 60 bar
- Fresh Water: 2 x 100 m³ / hr at 9 bar
- Ballast / Drill water: 2 x 100 m³ / hr at 9 bar
- Liquid Mud / Brine: 3 x 75 m³ / hr at 9 bar
- Base Oil: 1 x 90 m³ / hr at 9 bar
- Fuel Oil: 2 x 100 m³ / hr at 9 bar
- Methanol: 2 x 25 m³ / hr at 9 bar
- Tank Cleaning: Suitable for mud tanks

**Propulsion & Machinery**
- Main Engines: 2 x 2560 kW; Total 4720kW
- Propellers: 2 x CPP

**Thrusters**
- Bow: 2 x 882 kW Tunnel
- Stern: 2 x 569 kW Tunnel

**DP System**
- Make: DP2, KongSberg K-POS DP-21
- PMES: 2 x SPS3 L1, L2 (INMARSAT & GJONASS) Fanbeam, prepared for 2 x USBL, C-Joy, Joystick, Remote Diagnostics

**Auxiliary Machinery**
- Shaft Generators: 2 x 1800 kW
- Diesel Generators: 2 x 440 kW
- Emergency Generators: 1 x 85 kW
- Supply System Voltage: 440V, 60Hz, 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: 1 Bed
- Total Accommodation: 50 Berths, Fully Air-conditioned
- Office: 2 Nos, Charterers and Ship

**Anchoring Equipment**
- Windlass: 1 x Anchor/Mooring Winch
- Anchors: 2 x 1800 Kgs, High Holding Stockless
- Chain Cables: 300 m x 64 mm (6x) on each side

**ROV Support**
- Removable Bulwarks: Suitable for ROV PAS
- ROV Control Room: 1 No
- Deck Sockets: 2 x 440V, 2 x 220V
- ROV Plug in: All wiring connections from deck

**Regulatory Compliance**
- SPS Code 2008: Yes Suitable for 50 persons
- Sewage Treatment Plant: Complies with Class & IMO Regulations for Noise & Vibration
- Crew Accommodation: Comfort
- Environmental Protection: Complies with IMO Regulations & highest Class requirements for Environmental Protection

**Navigation/ Communication Equipment**
- Radar X and Radar S: Furuno
- Echo Sounder: Furuno
- ECDIS: Furuno
- Magnetic Compass: Jotron
- Gyro Compass: Sperry
- SART: Jotron
- Auto Pilot: Sperry
- VHF Transmitters: Furuno
- Safety Radio: Furuno
- AIS: Furuno
- GPS Receiver: Furuno
- VDR: Furuno
- Speed Log: Furuno
- ECDIS: Furuno
- VHF Transmitters: Furuno
- SSAS: Furuno
- VHF Transmitters: Furuno

**Additional Features**
- FRC with LARS: Prepared for 50 tons
- Fire Fighting: 1 x 9 man 2000HP OBM
- Offshore Crane: 1
- A Frame: Prepared for 50 tons
- Hydro Acoustic Positioning: Prepared for 2 trunks
- Oil Recovery: Prepared for 1000m³
- Incinerator: Prepared for 36 ltr/hr

**Owner**
Greatship Global Offshore Services Pte Ltd., Singapore

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