



M.V. OFFSHORE RANGER

UT719-2 - 2,473T DWT DP1, FIFI 1 OFFSHORE SUPPLY VESSEL



REGISTRATION

Owner:	Raj Shipping Agencies Ltd.
Year Built:	1999
Builder:	Construction mécanique de Normandie
IMO Number:	9214458
Flag:	India
Class:	Bureau Veritas / Indian Register of Shipping
Type	Rolls Royce Marine design
Classification:	Multipurpose DP1 Supply Vessel

COMMUNICATION & NAVIGATION EQUIPMENT

Radar:	2 radars X Band
Gyrocompass:	1 gyrocompass
Echo Sounder:	1 digital echo-sounder
Speed Log:	1 speed log
Autopilot:	1 autopilot system
GPS/DGPS:	1 GPS + 1 DGPS
VHF GMDSS:	1 radio system compliant with GMDSS A3
Satellite Systems:	1 Inmarsat M and 2 C

MAIN CHARACTERISTICS

LOA:	64.02 m
Breadth (molded):	15.50 m
Depth (molded):	6.81 m
Draft (max):	5.75 m
Gross Tonnage:	1,734 T
Net Tonnage:	520 T
Deadweight:	2,473 T

MANOEUVRING EQUIPMENT

DP System:	Marine Technologies DP1 Bridge Mate DP1 System
Reference Systems:	2 DGNSS - Veripos LiDS GG2 2 Wind Sensors 1 Anschutz Gyro Compass (STD 22) 2 Bridge Mate MRU R/P-535 1 DP Alarm Printer 1 Independent Joystick (JX)
Moon Pool:	16" moon pool for ultra-short base implantation HIPAP acoustic transponder (KONGSBERG)

PERFORMANCE

Maximum Speed:	24 m ³ /day at 14 knots
Service Speed:	15 m ³ /day at 12 knots
Economic Speed:	10 m ³ /day at 9 knots

FIREFIGHTING EQUIPMENT

FiFi Classification:	FiFi 1
Pumps:	2 × 2,400 m ³ /hr pumps
Monitors:	2 × 1,200 m ³ /hr Monitors

CARGO CAPACITY

Deck Area:	468 m ²
Deck Load:	1,100 T @ 100%
Fuel Oil:	1,318 m ³ @ 100%
Potable Water:	246 m ³ @ 100%
Drill Water:	1,146 m ³ @ 100%
Liquid Mud:	420 m ³ @ 100%
Base Oil:	420 m ³ @ 100%
Brine:	420 m ³ @ 100%
Dry Bulk/Cement:	248 m ³
Foam:	7.5 m ³

ACCOMMODATION

Berths:	30 persons total 7 single cabins 4 × 2 man cabins 2 × 3 man cabins 1 × 4 man cabin 1 × 5 man cabin
Hospital:	1
Facilities:	Mess/day rooms, laundry, galley, stores
Air Conditioning:	Fully air-conditioned

DISCHARGE RATES

Fuel:	200 m ³ /hr @ 9 bars
Fresh Water:	150 m ³ /hr @ 7 bars
Drill Water:	150 m ³ /hr @ 7 bars
Liquid Mud:	75 m ³ /hr @ 15 bars
Base Oil:	75 m ³ /hr @ 15 bars
Brine:	100 m ³ /hr @ 15 bars
Dry Bulk/Cement:	2 × 22.7 m ³ /hr @ 5.6 bars

MACHINERY

Main Engines:	2 × 1,992 kW
Propellers:	2 type CP
Bow Thruster:	510 kW Tunnel
Stern Thruster:	510 kW Tunnel
Azimuth Thruster:	730 kW forward
Shaft Generators:	2 × 1,280 kW
Auxiliary Generators:	2 × 250 kW
Emergency Generator:	170 kW



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Methanol: 2 × 1,500 m³/hr @ 5.6 bars



DECK EQUIPMENT

Tugger Winch: 2 × 111 T

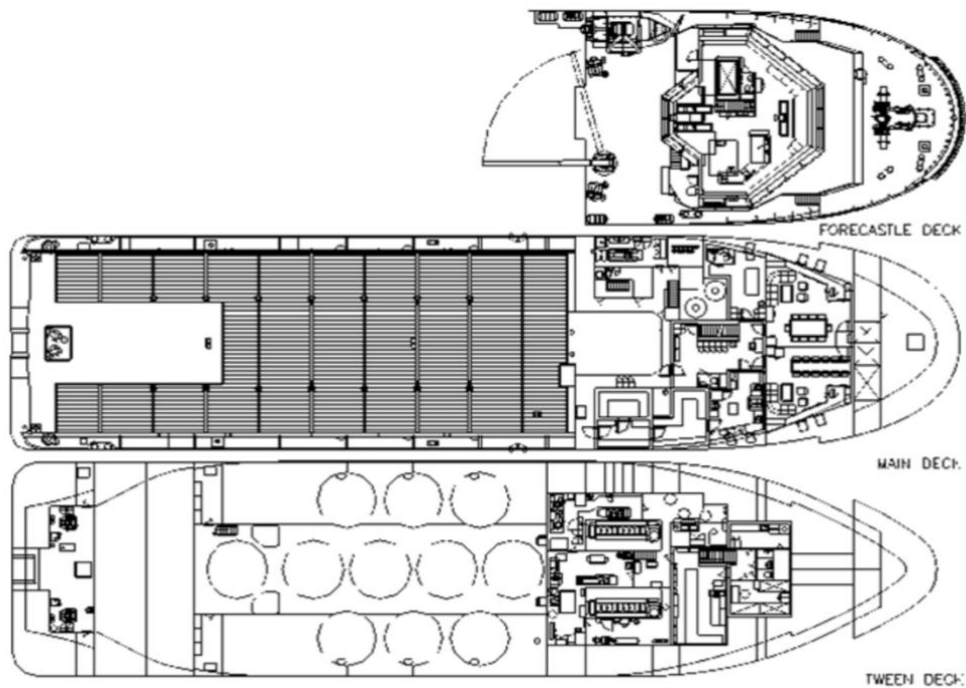
Capstans: 2 × 6 T

Deck Crane: 1.2 T @ 12 m

MOB Boat: MOB boat with davit

ADDITIONAL NOTES / REMARKS

Multipurpose DP1 supply vessel designed for world-wide, deep water operations to fulfill drilling and production support duties including transportation of liquid products, deck cargo and other equipment.



Particulars given here are believed to be correct but not guaranteed. Owners reserve the rights to amend the specifications without notification.