



M.V. OFFSHORE MONARCH

UT755 - 5,450 BHP PLATFORM SUPPLY VESSEL



REGISTRATION

Owner:	Raj Shipping Agencies Ltd.
Year Built:	2003
Builder:	Brattvaag Skipsverft, Norway
IMO Number:	9249453
Flag:	India
Class:	DNV-GL, IRS
Classification:	1A1 Fire Fighter (I) Clean DK (+) DPS (2) VHF E0 HL (2.8) LFL (*) SF

MAIN CHARACTERISTICS

LOA:	67 m
Breadth (molded):	16 m
Depth (mold to eh.dk):	7 m
Draft (max):	5.9 m
GRT:	1,992 T
NRT:	926 T
Deadweight:	3,115 T

PERFORMANCE

10 knots @ 8 m³/day:	✓
12 knots @ 10 m³/day:	✓

CARGO CAPACITY

Deck Area:	51 m × 13.5 m
Deck Load:	1,550 T @ 100%
Fuel Oil:	856 m ³ @ 100%
Potable water:	621 m ³ @ 100%
Drill Water:	886 m ³ @ 100%
Oil Based Mud*:	4,857 bbls @ 100%
Base Oil:	1,308 bbls @ 100%
Brine*:	4,857 bbls @ 100%
Dry Bulk:	9,000 cuft in brine, 4 mud & 4 tanks
Methanol:	79 m ³ @ 100%

DISCHARGE RATES

Fuel:	200 m ³ /hr @ 90 m hd
Potable Water:	200 m ³ /hr @ 90 m hd

COMMUNICATION & NAVIGATION EQUIPMENT

Radar	1 × Furuno 10 cm ARPA Radar 1 × Furuno 3 cm Radar
Satellite Navigator	1 × Furuno Satellite Navigator
Emergency Beacon	1 × Jotron EPIRB
Radar Transponder	2 × Jotron Radar Transponders
VHF GMDSS	3 × Sailor VHF GMDSS
UHF Radios	4 × Motorola UHF Radios
Gyrocompass	1 × Anschutz Gyrocompass
Autopilot	1 × Anschutz Digital Autopilot
Universal Single Unit	1 × Anschutz Universal Signal Unit
Echo Sounder	1 × Furuno Echo Sounder
Doppler Speedlog	1 × Furuno Doppler Speedlog
Wind Indicator	1 × DEIF Wind Indicator
MF/HF SSB Radio Station	1 × Furuno MF/HF SSB Radio Station
DSC Terminal	1 × Furuno DSC Terminal 1 × DSC Terminal for VHF
Watch Receiver	1 × Watch Receiver
Navtex Receiver	1 × Furuno Navtex Receiver
VHF Radio	2 × Sailor VHF 1 × Sailor Simplex VHF
Satellite Communication Systems	1 × Mini M (Satellite System) 2 × Inmarsat C 1 × Inmarsat Mini M 1 × KU Band Satellite Comm System

MANOEUVRING EQUIPMENT

DP System:	Kongsberg K-POS DP2
Reference Systems:	2 × DGPS & Fan Beam, Kongsberg joystick

FIREFIGHTING EQUIPMENT

FiFi Classification:	FiFi 1 (DNV Classed)
Pumps:	2 × 1500 m ³ /hr centrifugal pumps
Monitors:	2 × 1200 m ³ /hr Monitors

ACCOMMODATION

Berths:	9 × 1 Man, 2 × 2 Man, 2 × 4 Man
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MACHINERY

Main Engines:	2 × 2,725 BHP
Bow Thruster:	2 × 791 BHP (Tunnels)
Stern Thruster:	1 × 791 BHP (Tunnel)
Rudders:	2 × RRM High Lift
Capstans:	2 × 8 T



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Drill Water:	150 m ³ /hr @ 90 m hd	Deck Crane:	1 × 5 T @ 10m or 3 T @ 16m
Oil Based Mud:	150 m ³ /hr @ 90 m hd	Tugger Winch:	2 × 10 T
Base Oil:	150 m ³ /hr @ 90 m hd		
Brine:	75 m ³ /hr @ 90 m hd		
Methanol:	2 × 75 m ³ /hr		
Dry Bulk:	60-100 T/hr @ 80 PSI		

ADDITIONAL NOTES / REMARKS

*Mud/Brine tanks - 8 Dual purpose tanks (4857 bbls), 8 mud or brine, 4 mud etc inc. with complete product segregation, 4 mud & 4 tanks

Tank Capacities

TANK	CUBIC METRES			BARRELS		
	FUEL OIL	FRESH WATER	DRILL WATER	OIL BASED MUD	BRINE	BASE OIL
FUEL (9)	160 148 88.5 88.5 138.5 138.5 41.7 41.7 10.8					
FRESH WATER (7)		120.6 103.5 149 149 34.1 34.1 30.7				
DRILL WATER (10)			106.8 69.5 50.7 111 96.6 96.6 96.5 96.5 162			
OBM (8)				607.6 607.6 607 607 607 607 607 607		
BRINE (8)					607.6 607.6 607 607 607 607 607 607	
BASE OIL (2)						654 654
TOTAL	856	621	886	4,857	4,857	1,308

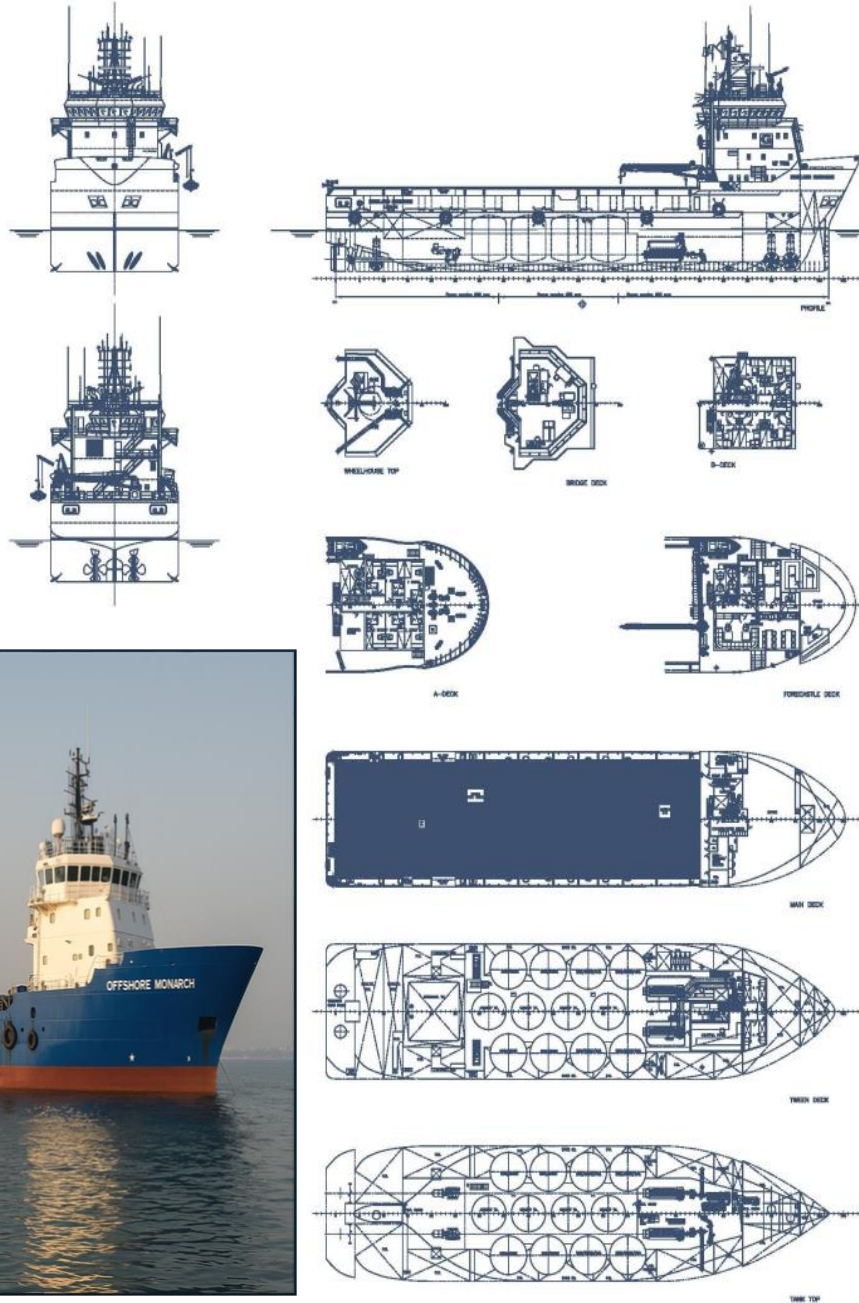


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GENERAL ARRANGEMENT DRAWING



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