



# AHTSV Saroja Blessing

## 120T BP DP1 FiFi1

Classification	IRS / ABS	<b>DECK EQUIPMENT</b>	
Class Notation	A1, Towing Vessel, FiFi 1, (E), AMS, DPS1	Anchor Windlass	5 T
Port of Registry	Mumbai	Anchor	3 no.s, 1575 kg (1 spare)
Flag	India	Tugger Winch	2 x 12 T
Builder	Bharati Shipyards Ltd, India	Capstan	2 x 5T
Year Built	2005	Deck Crane	5 T SWL at 9m
IMO No.	9299070	<b>NAVIGATION AND COMMUNICATION EQUIPMENT</b>	
<b>PRINCIPAL DIMENSIONS</b>		GMDSS VHF	2 x Sailor, RT 5022, 1x JRC
Length Overall	67.4 m	DSC MF/HF	1, Sailor, CU 5100
Breadth Moulded	15.4 m	SSB MF/HF	1, Sailor, CU 5100
Depth Moulded	7 m	EPIRB	2 X JOTRON, TRON 4S
Draft (Max)	5.95 m	SART	Yes
Deadweight	2374 Ton	Navtex Receiver Portable	1 x SARACOM, NR-30
GRT	2095 T	Inmarsat	Thrane & Thrane, TT-3606E
NRT	719 T	Gyrocompass	Gyro Compass:Raytheon-Anchutz
<b>MANEUVERING &amp; PROPULSION SYSTEM</b>		Magnetic Compass	C. Plath
Main Engine	2 x Rolls Royce B32:40 L8P	Autopilot	1 x PILOTSTARD
Total KW	2 x 4000kW , 10,880 BHP	Joystic	RollsRoyce Poscon
Propeller	2 x RollsRoyce CPP in Kort Nozzle	Echosounder	1x JRC, JEE-585
Bow Thruster	2 x RR 590 Kw	Doppler Speedlog	1, FURUNO, DS-830
Stern Thruster	1 x RR 590 kw 1475 / 312 rpm	AIS	1, Jotron, TR-2500
Rudders	2X Rolls Royce, CPP	<b>ANCHOR HANDLING EQUIPMENT</b>	
<b>DYNAMIC POSITIONING SYSTEM</b>		AHT Drum	Manabe Zoki
DP-1 System	KONBERG, C-Pos, C-Joy	Line Pull Capacity	300T
<b>ELECTRIC POWER GENERATION</b>		Brake Holding Capacity	400 T
AUX Generator	2 no.s, B&W D287GLE, 345 kw	Bollard Pull	121.7 t
Emergency Generator	1 no.s Cummins 69 BT 5.9 GI	Tow Drum Capacity	72 mm x 1500 m
Shaft Generator	2 no.s, Leroy Somer, 1200 KW	Tow Line	72 mm x 1500 m
<b>DECK CARGO</b>		Storage Drums	72 mm x 1500 m
Deck Area	420 sq.m	Shark Jaws	1 no. Triplex AS, H350, SWL-350 T
Deck Strength	5T/sq.m , 10T/sq.m at stern	Tow Pins	1 no. Triplex AS, H350, SWL-350 T
Deck Cargo Capacity	900 MT	Stern Roller	35 T, 2.5 m dia
<b>STORAGE CAPACITY</b>		Pelican Hook	1 x 75T
Fuel Oil	564 m3	J Hook	1 x 100T
Pot Water / Drill Water	772 m3	<b>FIRE FIGHTING &amp; ANTI POLLUTION EQUIPMENT</b>	
Liquid Mud	383 m3	FiFi Class (1)	2400 m3/hr Cap, 2 no.s Monitors
Brine	150 m3	Drenching System	OSV Nozzle 34mm, FFS Norway
Base Oil	178 m3	Monitor (water / foam)	1 no.s with foam tank and FiFi Monitor
Dry Bulk	200 m3	Dispersant Spray Booms	AYLESFERNIE
Rig Chain Locker	150 m3	<b>SAFETY EQUIPMENT</b>	
<b>PUMPING CAPACITIES</b>		Life Raft	4 x 25 persons
Fuel Oil	200 m3/hr, 80m head	Rescue Boat	1 x 6 persons
Mud	2 x 75 m3/hr at 18 bar	Fast Rescue Craft	1 x 9 persons
Brine	75 m3/hr , 80m head	All LSA/FFA Equipment meeting UKOOA standards for Standby Vessels	
Base Oil	200 m3/hr, 80m head	<b>MISCELLANEOUS</b>	
Fresh / Drill Water	200 m3/hr, 80m head	Oily Water Separator	Conforming to MARPOL
Cement	2 x 23m3/hr at 5.6 kg/sq.cm	Sewage Treatment	4.66cum/day
<b>PERFORMANCE</b>			
Economy Speed / Consumption	9.5 knots 14 m3/day		
Max. Speed / Consumption	12 kts, 25 m3/day		
<b>ACCOMMODATION</b>			
Total Capacity	32 persons		
Cabin Format	6 x 1 person, 1 x 2 person		
	4 x 3 persons, 3 x 4 person		
Hospital	1 nos		

**Sadhav Shipping Ltd.**

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