

OSRV Swachchak

Oil Spill Response Vessel



CLASSIFICATION		ACCOMMODATION	
Class Notation	IRS	Total Capacity	10 Persons
Port of Registry	Swastik IWL Zone 1, Swastil IY, MUC.	Cabin Fomat	2 x 1 persons, 4 x 2 persons
Flag	Mumbai	POTA Cabins	On Deck configuration
Builder	India	DECK EQUIPMENT	
Year Built	Waterways Shipyard, Hungarkutta 2015	Anchor Chain	2 x 50 m
PRINCIPAL DIMENSIONS		Anchor (Bow)	2 x 550 Kg HHP
Length Overall	27.85 m	Tugger winch Aft	1 x 5 T
Breadth Moulded	7.0 m	Capstan	NA
Depth Moulded	3.0 m	Deck Davit	1 x 3T SWL
Draft (Max)	2.0 m	NAVIGATION AND COMMUNICATION EQUIPMENT	
GRT	135 T	GMDSS VHF	GMDSS Area 1
IMO No.	9771717	AIS	Yes
MANEUVERING & PROPULSION SYSTEM		GPS	Yes
Main Engine	2 x Cummins NTA 855 M	Chart Table	Yes
Total BHP	2 x 325 BHP = 650 BHP	OIL SPILL RESPONSE EQUIPMENT	
Propeller	2 x FPP 1200mm dia	Rigid Floating Boom	1200 m, Troil Boom GP 750
Bow Thruster	N A	Disc Brush Drum Skimmer	DBD 40 ,
Azimuth Thruster	N A	Power Pack	130.2510 Chalwyn
Stern Thruster	N A	Weir Skimmer	200 Terminator
Rudders	2 x Spade Rudders	Vacuum Skimmer	Desmi MiniMax
SPRAY DISPERSANT SYSTEM		Injection Pump	Comet
Spray Arms	2 x 6m, With EDO Nozzles	Spade Pump	PD75 Yanmar Engine
Spray Pump	Marine Grade	Floating Pillow Tank	Ro Tank 10
ELECTRIC POWER GENERATION		FIRE FIGHTING	
Aux Generator	1 x 30 kW	Fire Pump	150cbm/hr
Deck Generator	1 x 40 kW	Pump	2 no.s
Emergency Generator	N A	SAFETY EQUIPMENT	
Shaft Generator	N A	Life Raft	2 x 12 P
DECK CARGO		Rescue Nets	Yes
Deck Area	100 sq.m	Scramble Nets	1no.s
Deck Strength	5 mt/m ²	MISCELLANEOUS	
Deck Cargo Capacity	920 T max	Oily water seperator Sewage	Yes
Crash Barrier Height	2.56m		
STORAGE CAPACITY			
Fuel Oil	658 m ³ / 4139bbbls		
Potable Water	449 m ³ / 2824bbbls		
Drill Water / WB	462 m ³ / 2906bbbls		