

Offshore Support Vessel



Class Notation	IRS, SUL "Supply Vessel, STS, Agni-1 GS (KK)" IY
Place of build	PIPAVAV
Year of build	Aug 2014 (H-30)
Flag	Indian
IMO	████████

Main Particulars

Design	WARTSILA
LOA	59.20 m
Length PP	54.10 m
Breadth Moulded	15.0 m
Depth Moulded	6.75 m
Max. Loaded Draft	5.50 m

Performance

Service Speed	12.50 Knots
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Capacities

Deadweight	1500 Metric tons (at Design Draft)
Net Tonnage	549 tons
Gross Tonnage	1831 tons
Deck Cargo	500 Metric tons
Cargo Deck Dimensions	31.0 m × 11.0 m
Deck Area	330 m ²
Deck Strength	5 t/ m ²
Dry Bulk Capacities	100 m ³ in 4 Tanks
Portable/Fresh Water	673.50 m ³
Drill Water/Ballast Water	479.90 m ³
Fuel Oil	573.3 m ³
Brine	100 m ³ (same as mud tanks)

Deck Equipment

Capstans	2 × 5 tons @ 0 - 15m/min
Tugger Winches	2 × 10 tons @ 0 - 12m/min
Deck Crane	1 × 3 tons @ 2.2 m - 11 m

Discharge

Dry Bulk	6 m ³ /hr Compressor to handle 100m ³
Fresh Water	1 × 200 m ³ /hr at 75m Head
Ballast/Drill Water	2 × 200 m ³ /hr at 75m Head
Fuel Oil	1 × 200 m ³ /hr at 75m Head

External FiFi Pump	2 Sets x 1,500 m ³ /h
Monitors	120 m Throw Length

Rescue Class	UKOOA ERRV Group C
Dynamic Positioning	IRS DP (1) System

Propulsion and Machinery

Main Engines: BHP	2 × 1,920 kW @ 750 RPM
Main Engines: Type	YANMAR 6EY26
Propellers	2 × CPP (4 Bladed)

Thruster

Bow Thruster 1	1 × 350 kW, Tunnel
Bow Thruster 2	1 × 350 kW, Tunnel
Stern 1	1 × 350 kW, Tunnel
Thruster Modes	HRP 4008 TT

Auxiliary Engines

Shaft Generators	2 × 900 kWe
Diesel Generator	2 × 280 kWe (2 × 350 kVA)
Emergency Generator	1 × 90 kW
Supply System - Voltage	450 V, 3 Ph, 50 Hz

Accommodation

Total Accommodation	28
1 Man Cabins	8 (8 × 1 = 8 officers)
2 Man Cabins for Crew	4 (4 × 2 = 8 crew)
2 Man Cabins for Pax	6 (6 × 2 = 12 passengers)
Hospital Bed	1 bed

Anchoring Equipment

Windlass	1 × Anchor/Mooring winch with two declutchable cable lifters and warping ends
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