

PLATFORM ROV/SUPPORT VESSEL



Navigation/Automation Equipment

Bridge Design	Complies with periodic one-man operations
Electronic Charts	Dual ECDIS
Navigational Watch Alarm	Complies with IMO Recommendations for BNWAS
Survey Area	Provided
Propulsion/Thruster Control	Kongsberg AutoChief C20
Automation	Kongsberg K Chief 500

Communications

IMMARSAT	FB 250
V-SAT	Not Available
Internal Communication	EPABX & Public Address System

Discharge

Dry Bulk	2 x 25 m ³ / min at 5.6 bar
Fresh Water	2 x 100 m ³ / hr at 9 bar
Ballast / Drill water	2 x 100 m ³ / hr at 9 bar
Liquid Mud / Brine	2 x 75 m ³ / hr at 24 bar
Base Oil	1 x 90 m ³ / hr at 9 bar
Fuel Oil	2 x 100 m ³ / hr at 9 bar
Methanol	2 x 75 m ³ / hr at 9 bar
Tank Cleaning	Suitable for mud tanks
Mud / ORO	1 x 100 m ³ / hr at 24 bar

Propulsion and Machinery

Main Engines: KW	2 X 2360 kW, Total 4720 kW
Propellers	2 x CPP

Thrusters

Bow	2 x 800 kW, Tunnel
Stern	2 x 600 kW, Tunnel

Auxiliary Engines

Shaft Generators	2 x 1800 kW
Diesel Generator	2 x 460 kW
Emergency Generators	1 x 99 kW
Supply System - Voltage	440 V, 60 Hz, 3 Phase

Accommodation

For Officers and Crew	24
1 Man Cabins	6
2 Man Cabin	9
For Passengers	26
1 Man Cabins	2
2 Man Cabin	13
Hospital	1 Bed
Total Accommodation	50 Berths, Fully Air-conditioned
Office	1

Anchoring Equipment

Windlass	1 with warping heads at each end of the main shaft
Anchors	2 x 1710 Kgs, High Holding Stockless
Chain Cables	330 m x 40 mm (dia) on each side

ROV Support

Removable Bulwarks	Suitable for ROV P&S
ROV Control Room	1 no.
ROV Plug-in	400 kW - Junction box; one on each side

Regulatory Compliance

SPS Code 2008	Yes
Sewage Treatment Plant	Suitable for 50 persons
Crew Accommodation Comfort	Complies with Class & IMO Regulations for noise and vibration
Environment Protection	Complies with IMO Regulations & Highest Class for Environment Protection

Additional Features

FRC with LARS	1 x 13 man
Offshore Crane	Can be installed
A frame	Can be installed
Fire Fighting	FiFi 1
Hydro Acoustic Positioning	Prepared for 2 trunks for HiPAP (Valves in place)
Oil Recovery	Oil Recovery Tanks - 1000m ³
Incinerator	38 ltrs / hr
Gymnasium	One
Deck Reefer Sockets	3 x 440 V (32 A)
Moonpool	4.8 m x 4.8 m (approx.), to be commissioned

Class Notation	LRS '+100A 1, Offshore Supply Ship, Oil Recovery, Fire Fighting Ship I *IWS, RD (Liquid Product Tanks 2.8), LFPL (Methanol, 12 C, Methanol Tanks), HNLS EP (B, G, I, O, P, R, S), WDL (5 T/m ² Upper Deck Aft of Fr 84) + LMC, UMS, DP (AA), NAV1, CAC3
Place of build	TBD
Year of build	2012
Flag	TBD

Main Particulars

Design	STS 909
LOA	78.00 m
Length PP	73.61 m
Breadth Moulded	17.00 m
Depth Moulded	8.0 m
Max. Loaded Draft	6.30 m

Performance

Trial Speed	13.8 knots
Type of Fuel	MGO (Marine Gas Oil)
Economic Speed	10 knots at 12 tons

Capacities

Deadweight	Approx 3600 tons at 6.3 m draft
Net Tonnage	991
Gross Tonnage	3306
Deck Cargo	1400 tons
Cargo Deck Dimensions	51.0 m x 13.9 m
Deck Area	725 m ² (Approx)
Deck Strength	5 t/ m ²
Dry Bulk Capacities	338 m ³ in 3 tanks
Potable / Fresh Water	814 m ³
Drill Water / Ballast Water	851 m ³ (including Roll Reduction Tanks)
Liquid Mud	1062 m ³
Brine	850 m ³
Base Oil	425 m ³ (common with 4 mud tanks)
Fuel Oil	1254 m ³ (includes 4 mud tanks and ship bunker)
Methanol	148 m ³
Roll Reduction Tanks	2
Foam Tank	27.4 m ³
Fresh Water Generator (RO type)	25 m ³ / day

Deck Equipment

Capstans	2 x 8 tons @ 0 ~ 15m/min.
Tugger Winches	2 x 10 tons @ 0 ~ 15m/min.
Deck Crane	1 x 3.2 tons @ 18 m

DP System

Make	DP 2, Kongsberg K - POS DP - 22
PMEs	2 x DGPS, 1 x Cyscan
Others	C Joy Joystick, Remote Diagnostics

The vessel specifications are subject to modifications and may change without prior notice.