

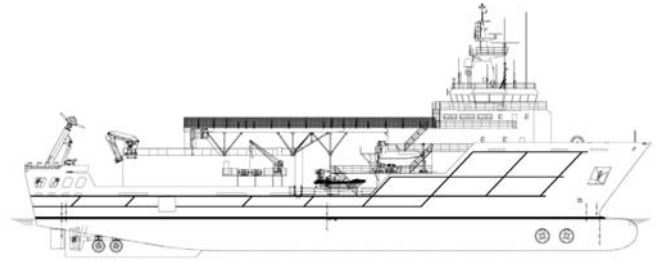


SUBMARINE SUPPORT AND RESCUE VESSEL



Your**Trusted**Partner

SUBMARINE SUPPORT AND RESCUE VESSEL



The Submarine Support and Rescue Vessel (SSRV) is designed to carry out rescue for a distressed submarine in rough weather up to sea state 5. Through the Public Private Partnership, ST Marine was awarded the contract to Design, Build, Own and Operate the SSRV - the first of its kind developed to meet the operational requirements of the Republic of Singapore Navy.

The SSRV carries a Remotely Operated Vehicle and is the only ship in the region that is able to integrate an advanced Submarine Rescue Vehicle (SRV) permanently with its own organic Launch and Recovery System. The SRV is also able to integrate with a Transfer Lock and Recompression Chambers (RCC) to allow any submariner rescued under depth to be safely transferred from the SRV into the RCC for medical treatment, when required.

Principal Particulars

Length Overall	85.00m
Breadth Maximum	18.30m
Depth to Main Deck	7.50m
Design Draught	4.30m
Gross Tonnage	abt. 4290
Deadweight at Design Draught	abt. 1000 tonnes

Main Machinery

Propulsion Type	Diesel Propulsion
Propellers	2 x CPP with Kort Nozzle
Bow Thrusters	2 x tunnel thruster, 1000kW
Stern Thrusters	2 x tunnel thruster, 420kW
Dynamic Positioning System	DPS-2
Main Engines	2 x MAN, each 2040kW
Diesel Generators	3 x Caterpillar, each 1360kW
Emergency Generator	1 x Caterpillar, 95kW

Class

ABS, A1, AMS, DPS-2, Mon-Shaft
Support Ship

Speed

Service Speed at Design Draught	not less than 12.5 knots
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Helicopter

Max Take-Off Weight	12 tonne
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Accommodation

Crew Complement	1 > 85 persons
Mess	1
Hospital	18 single bed

Capacities

Fuel Oil	abt. 730 m ³
Fresh Water	abt. 300 m ³
Ballast Water	abt. 400 m ³
Cargo hold	for 1 x LARS HPU and 2 x TUP Machinery Container
	or
	for 3 x 20' ISO Containers

Special Equipment

Deck Crane	1 x SWL 3 tons @ max outreach
Life/Rescue Boat	12m in Sea State 5
Fast Rescue Boat	2 x 50-man enclosed lifeboat
	1



Rescue Payload (optional)

SRV
LARS
TUP
ROV



ST Marine

A company of ST Engineering



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CERTIFICATE NO. 892046



CERTIFICATE NO. 6007220