

ANTI-SUBMARINE WARFARE SHALLOW WATER CRAFT (ASW-SWC)

BUILDERS OF 100+ WARSHIPS



Primary Role

ASW Shallow Water Crafts are capable of Anti Submarine Warfare in coastal waters & capable of Low Intensity Maritime Operations (LIMO) & Mine Laying Operations

The envisaged capabilities also include :

- SAU and Coordinated ASW operations with aircraft
- Interdiction/ destruction of sub surface targets in coastal waters
- Carrying out Search and Rescue by day and night in coastal areas
- Capability to prosecute intruding craft as part of LIMO

Specification

Length Overall	(M)	77.6
Breadth	(M)	10.5
Draught	(M)	2.7
Displacement (Full Load)	(T)	900 (Approx.)
Max Speed	(Knots)	25
Endurance	(NM)	1800 (Approx.) at 14 Knots
Main Engine	(KW)	3 x 4300
Propulsion		Three Marine Diesel engines connected with three Waterjets through reversible reduction gearbox.
Diesel Generator	(KW)	4 x 400
Accommodation		Officers : 07 Senior Sailors : 50

Weapon & Sensors

- Twin triple tubelight weight Torpedo Tube
- Rocket Launcher
- Twin Anti-Torpedo Defense System (ATDS) with Fire Control System (FCS)
- 30 mm Close-In Weapon Systems (CIWS) with EO-FCS
- Twin 12.7mm Gun with Stabilized Optronic Control System
- Very Short Range Air Defense Missile (VSHORAD) Launcher
- Low Frequency Variable Depth Sonar (LEVDS)
- Hull Mounted Sonar
- Expandable Bathy Thermograph (XBT)

Communication

Internal Communication

- Main Broadcast and SRE system
- Auto Telephone
- Sound Power Telephone
- Intercoms

External Communication

- Advanced Composite Communication Suite
- Satellite Communication
- Fixed Radio Sets
- Cryptographic Equipment
- GMDSS Suite

Electronic Warfare System with Direction Finder

Navigation

- Integrated Bridge System (IBS)
- Two Ring Laser Gyro
- One transmitting type magnetic compass
- 02 Nos DGPS
- Auto Pilot
- Automatic Identification System (AIS)
- One electro-magnetic log
- 02 Nos Band Radars
- Automatic Weather Observation System (AWOS)
- Echo Sounder