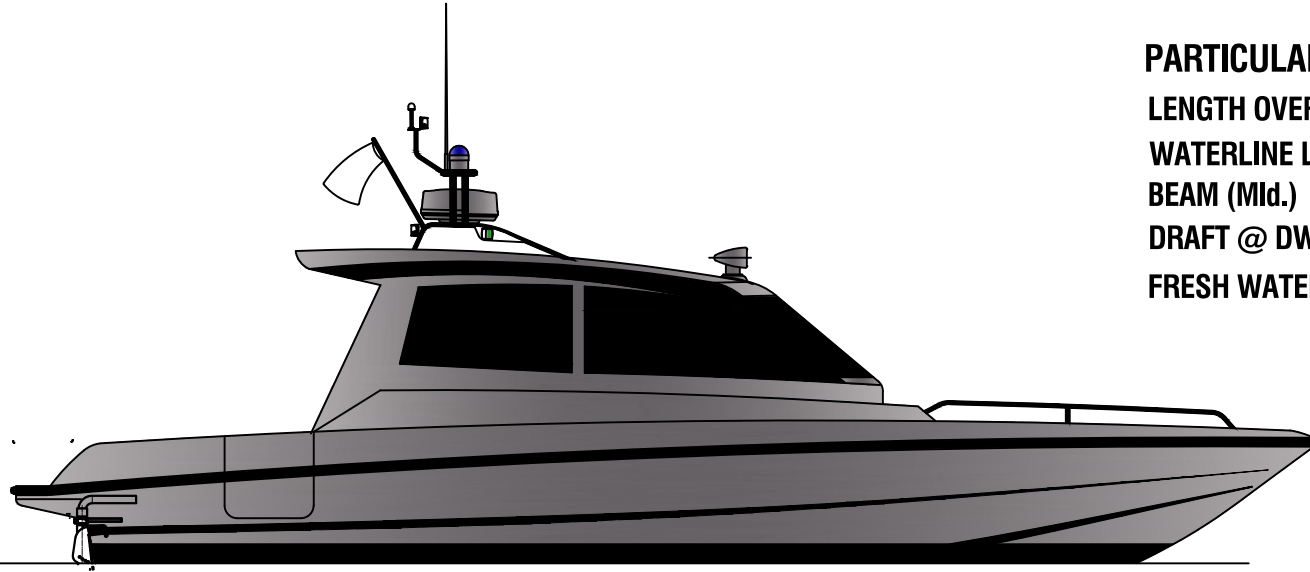


INDIA'S FIRST ADVANCED ELECTRIC PATROL BOAT: SD 007

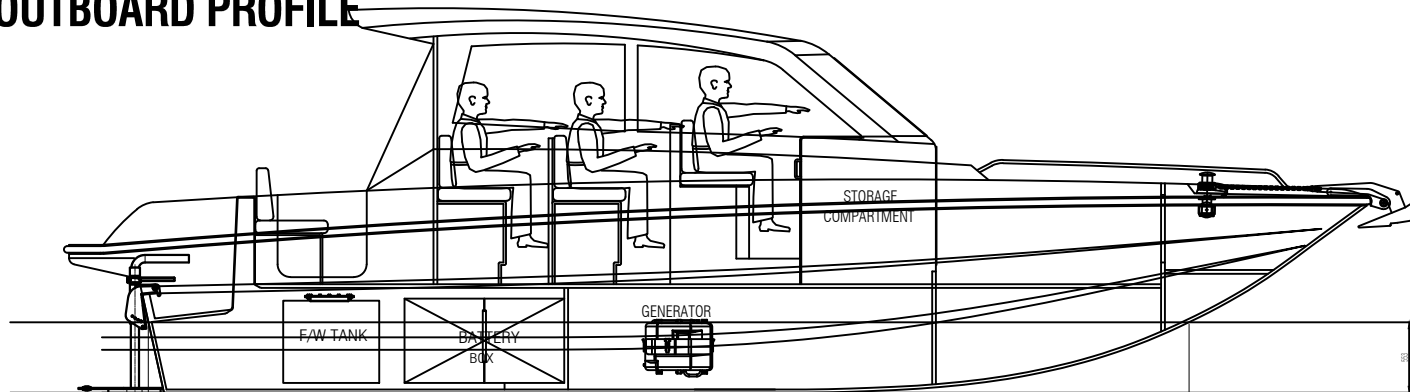


PARTICULARS:

LENGTH OVER ALL	10.000M
WATERLINE LENGTH	8.175M
BEAM (Mid.)	2.700M
DRAFT @ DWL	0.553M
FRESH WATER	500 L

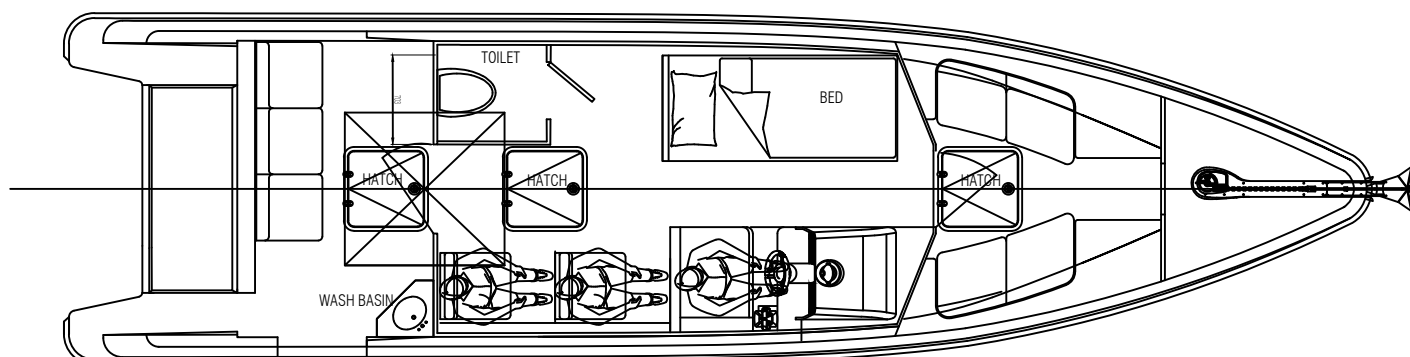
STATIONS |13 |12 |11 |10 |09 |08 |07 |06 |05 |04 |03 |02 |01 |00

OUTBOARD PROFILE



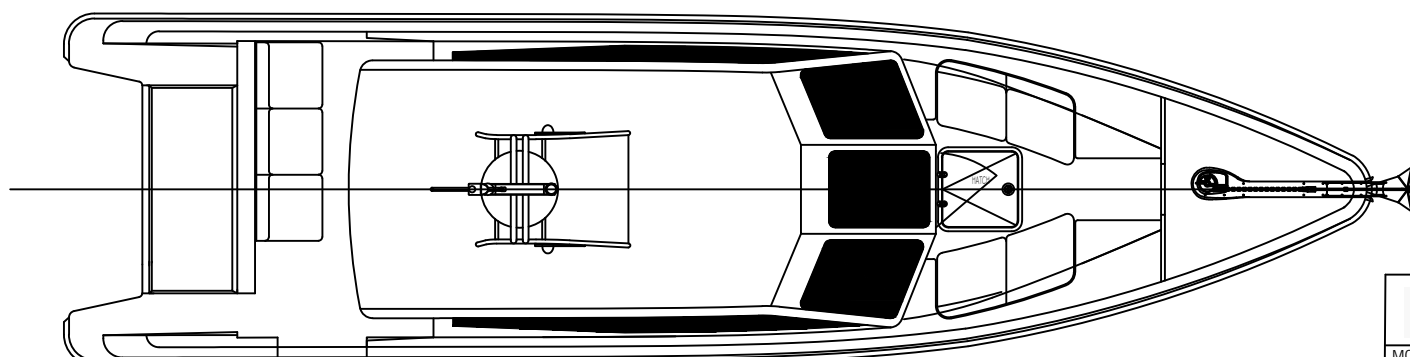
STATIONS |14 |13 |12 |11 |10 |09 |08 |07 |06 |05 |04 |03 |02 |01 |00

INBOARD PROFILE



STATIONS |14 |13 |12 |11 |10 |09 |08 |07 |06 |05 |04 |03 |02 |01 |00

MAIN DECK

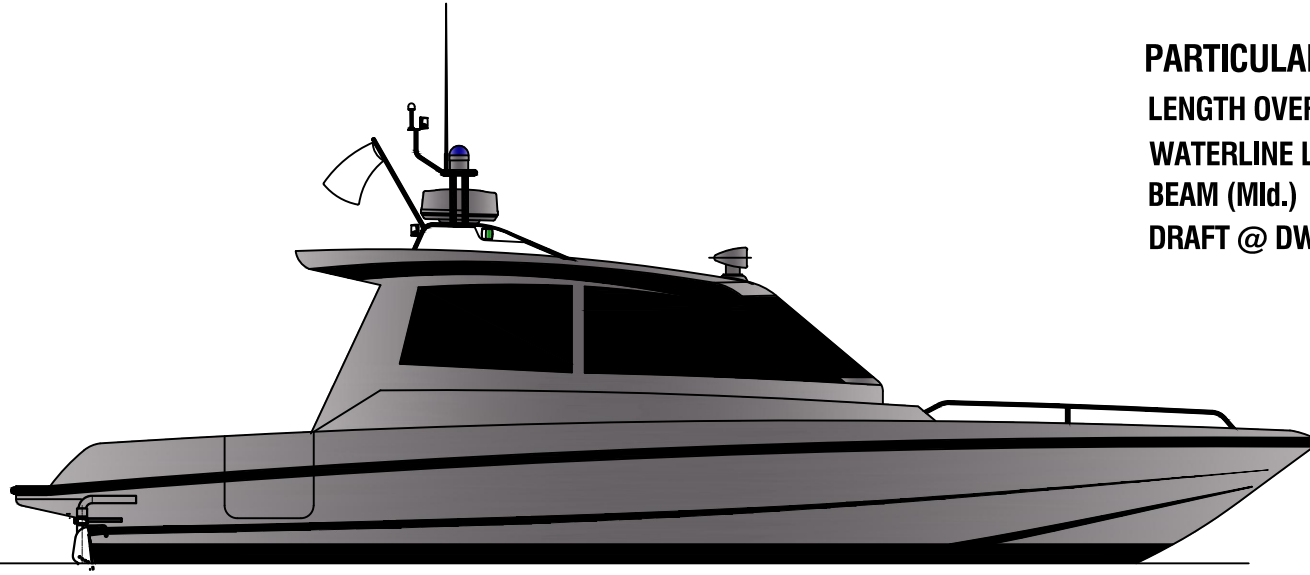


STATIONS |14 |13 |12 |11 |10 |09 |08 |07 |06 |05 |04 |03 |02 |01 |00

TOP VIEW

SECOND DYNAMICS	
MODEL	SD 007
CLIENT:	
TITLE:	GA LAYOUT
DRAWN BY:	CHECKED BY:
DATE:	SCALE:
DRAWING NO.:	REVISION: 00

INDIA'S FIRST ADVANCED ELECTRIC PATROL BOAT: SD 007

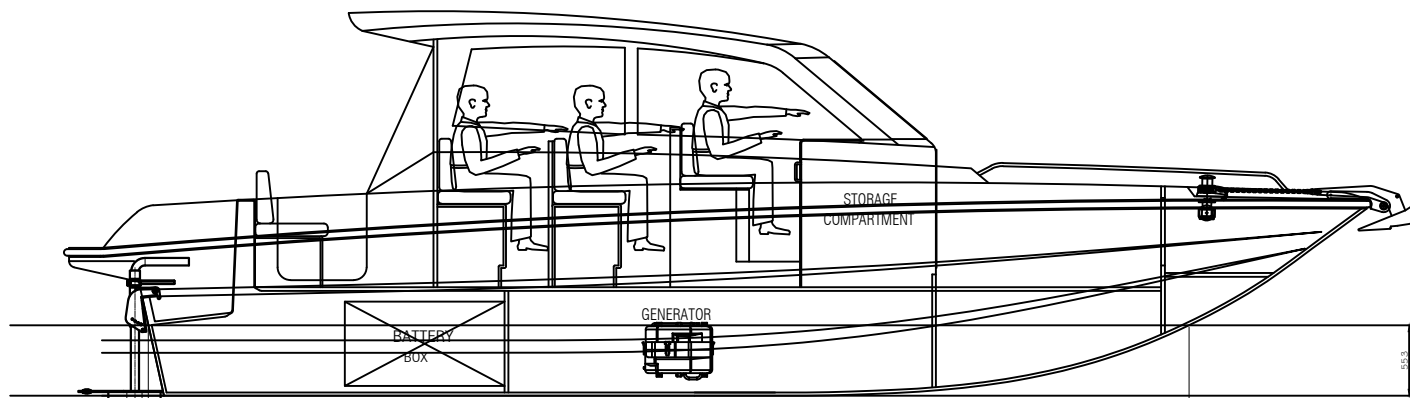


PARTICULARS:

LENGTH OVER ALL	10.000M
WATERLINE LENGTH	8.175M
BEAM (Mid.)	2.700M
DRAFT @ DWL	0.553M

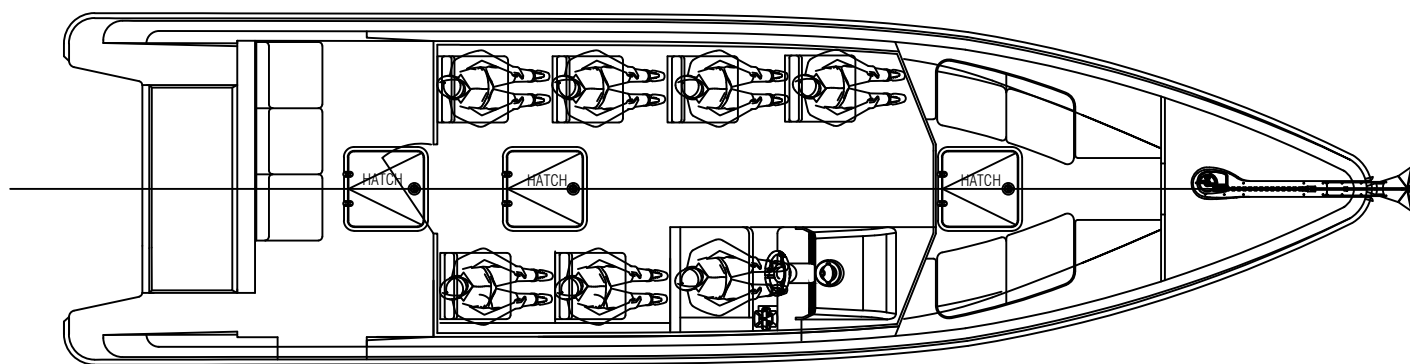
STATIONS |13 |12 |11 |10 |09 |08 |07 |06 |05 |04 |03 |02 |01 |00

OUTBOARD PROFILE



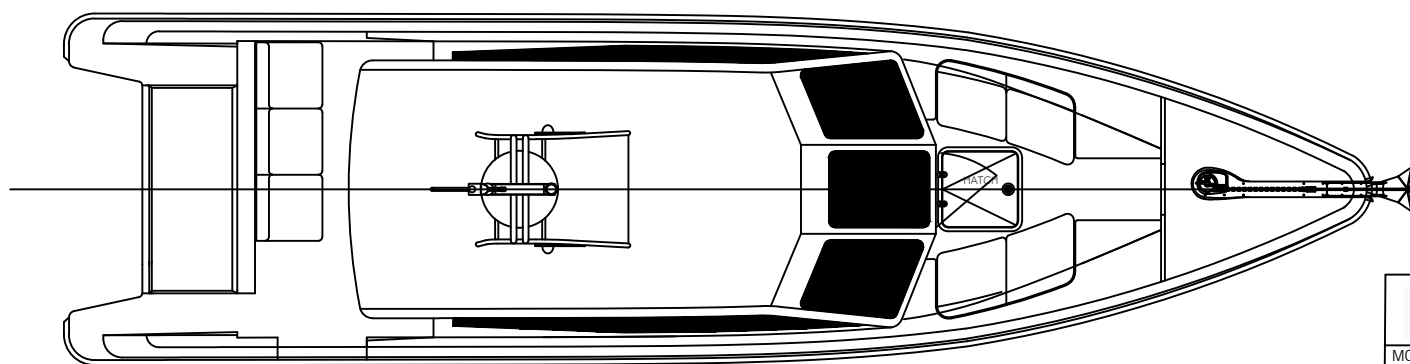
STATIONS |14 |13 |12 |11 |10 |09 |08 |07 |06 |05 |04 |03 |02 |01 |00

INBOARD PROFILE



STATIONS |14 |13 |12 |11 |10 |09 |08 |07 |06 |05 |04 |03 |02 |01 |00

MAIN DECK



STATIONS |14 |13 |12 |11 |10 |09 |08 |07 |06 |05 |04 |03 |02 |01 |00

TOP VIEW

SECOND DYNAMICS	
MODEL:	SD 007
CLIENT:	
TITLE:	GA LAYOUT
DRAWN BY:	CHECKED BY:
DATE:	SCALE:
DRAWING NO.: SD/0052	REVISION: 00

MAIN CHARACTERISTICS

General

India's First Advanced Electric Patrol Boat: SD 007

Material of Construction

Hull Material	Fiber Reinforced Plastic (FRP)
Wheel House	FRP

Classification

IRS

Main Particulars

Length Overall	10.00 M (Including aft platform)
Breadth (Max)	02.7 M
Draught Max	0.553 M
Displacement	6 Tons (full load condition)

Performance

Max Speed	More than 20 knots
Operational	Lake /River/Sea
Survivability	Sea/Fresh Water

Propulsion System

Main Engine	2 x Aquamot 20KW Electric Propulsion
Propulsion	Aquamot Electric Propulsion

Electrical Equipment

Networks	24 V DC
Generators	20 kW, 230 V AC,
LFP Battery and Charger for 6 hours Cont Operation	60KW (Solar Panel Optional)

Deck Equipment

Bollards, Fairlead, cleats,

Armament(Optional)

Provision for LMG fitment for 225 degrees operation provided on the forward deck.

Locker for stowage of arms provided

Nautical, Surveillance and Communication equipment

Thermal and PTZ Camera for Perimeter Violation detection –Developed by CDAC

NVR-With 90 Days Video footage Storage .

GPS- Chart Plotter

Magnetic Compass

VHF Radio - ICOM

Siren

Walkie talkies

Loudhailer – PA System

Electric whistle

Search light

AIS Marine

Day & Night vision Binoculars

Display – 22 Inch Panel Mount Marine Display 2 no's for Camera

Rugged Panel PC for Sending data to Command Center .

Teltonika 4G Modem With Dual Sims Fail Over Network

Echosounder for Depth measure

Life Saving Appliances

Life buoys

Life Jackets

Other Equipments

Shore power Connection Point

Portable Water tank

Wash Room –Sewage Water Tank –Bio toilet

Automatic Bilge Pump

Hydraulic Steering System

Battery and Engine Parameters Display on Dash Board

Boarding Ladder

First Aid Kit

Emergency Steering

Power Trim