



38 m Fast Patrol Boat

General:

The ship to be designed as a fast boat utilising a crew of 20 persons for operation in offshore waters.

The vessel will be constructed as a High Speed Patrol vessel and fulfill all the requirements of the latest Naval High speed light Craft regulations.

The layout of the General Arrangement is with 3 decks and the hull is divided into 6 watertight compartments.

The hull is to be constructed of foam core with epoxy resin and carbon fibre reinforced skins. Superstructure to be constructed of foam and/or honeycomb cores. Laminated with carbon-fibre/kevlar epoxy reinforced skins. Living areas, wheel house and essential machinery spaces to have ballistic protection to small arms fire.

Main Particulars:

Length o.a.	approx. 38.65 m
Length between p.p.	31.64 m
Breadth, moulded	7.50 m
Depth to main deck, moulded	4.15 m
Design draught	1.40 m

Capacity:

Number of crew	20 pers.
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Speed:

Max speed on design draught	abt. 45-50 kn
Range at 45 knots (with 5 % spare)	abt. 700 nm
Range at 25 knots (with 5 % spare)	abt.1,000 nm

Scope of Work:

Concept and Basic Design, including:
 General Arrangement
 Specification
 Lines
 Speed and power
 Stability

Ref. No.:

KEH 09009