



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
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.1000 nm
Miscellaneous:	Number of crew	20 pers.
Scope of Work:	Concept and Basic Design, including: General Arrangement Specification Lines Speed and power Stability	
Ref. No.:	KEH 09009	