



24 m Patrol Emergency Response Vessel

General: The vessel is designed as an emergency response vessel for operation in coastal waters.

The vessel will have the following capabilities:

- Patrol
- Fire-fighting
- Search & rescue
- Emergency response

The vessel is intended to operate in a flexible role, capable of performing routine harbour and coastal patrol duties typical of a coastguard or police vessel and will also be suited to emergency response, search & rescue and fire-fighting duties.

Consideration to UKOOA - ERRV survey guidelines is made. SOLAS consolidated edition 2004 with all protocols applicable to be applied.

Notation: 1A1 HSLC R3 PATROL E0 FiFi-1.

The hull will be constructed of foam/balsa core with fire resistant vinylester resin and E-glass/Aramid fibre reinforced skins, local reinforcements in carbon fibre where applicable. Superstructure is to be constructed of foam and/or honeycomb cores, laminated with fire resistant vinylester resin with glass-fibre/Aramid reinforced skins.

Deck areas constructed of end grain balsa core with fire resistant vinylester resin and E-glass/aramid fibre reinforced skins.

Main Particulars:	Length o.a.	Approx. 26.00 m
	Length between p.p.	20.80 m
	Breadth, moulded	5.50 m
	Depth to main deck, moulded	2.95/4.35 m
	Design draught	1.20 m

Speed:	Max speed on design draught	abt. 34 Kn.
	Estimated power for max speed at design draught	3600 kW
	Range at 34 knots (with 5 % spare)	abt. 350 nm
	Range at 15 knots (with 5 % spare)	abt. 650 nm

Scope of Work: Complete Design

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