



## 24 m Patrol Emergency Response Vessel

### General:

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

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

### Capacity:

Patrol  
Fire-fighting  
Search & rescue  
Emergency response

### Speed:

Max speed on design draught abt. 34.00 kn

### Machinery and Equipment:

Estimated power for max speed at design draught	3,600 kW
Range at 34 knots (with 5 % spare)	abt. 350 nm
Range at 15 knots (with 5 % spare)	abt. 650 nm

### Miscellaneous:

Notation 1A1 HSLC R3 PATROL E0 FiFi-1

### Scope of Work:

Complete Design

### Ref. No.:

KEH 09047