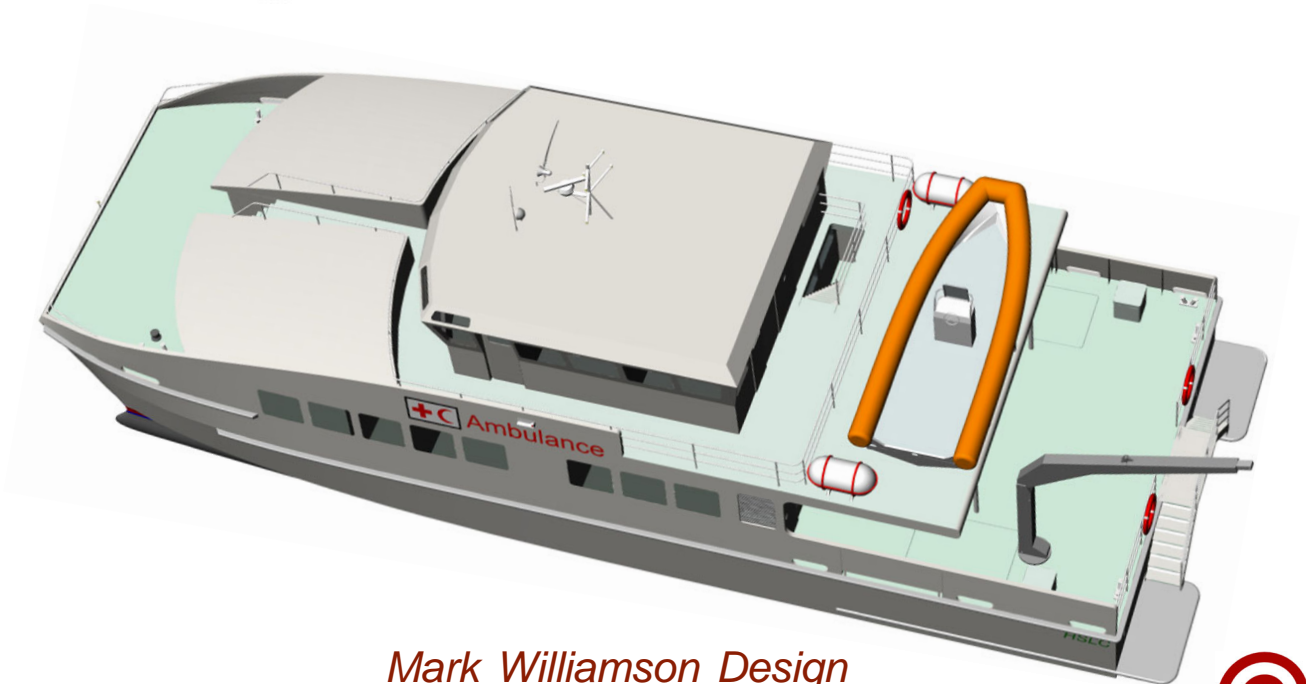


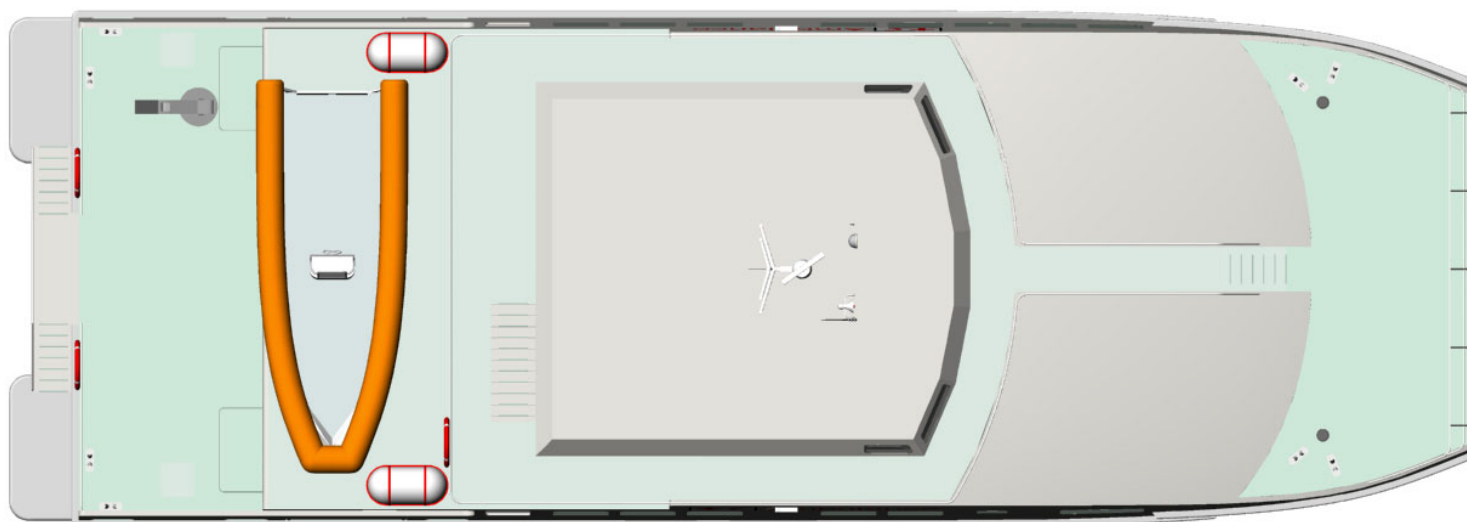
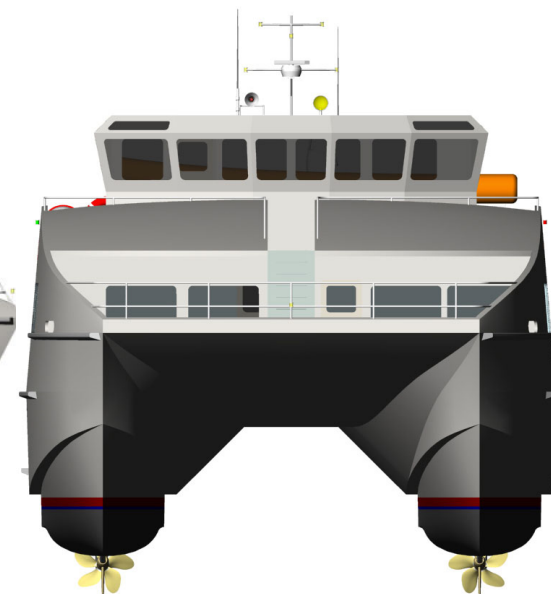
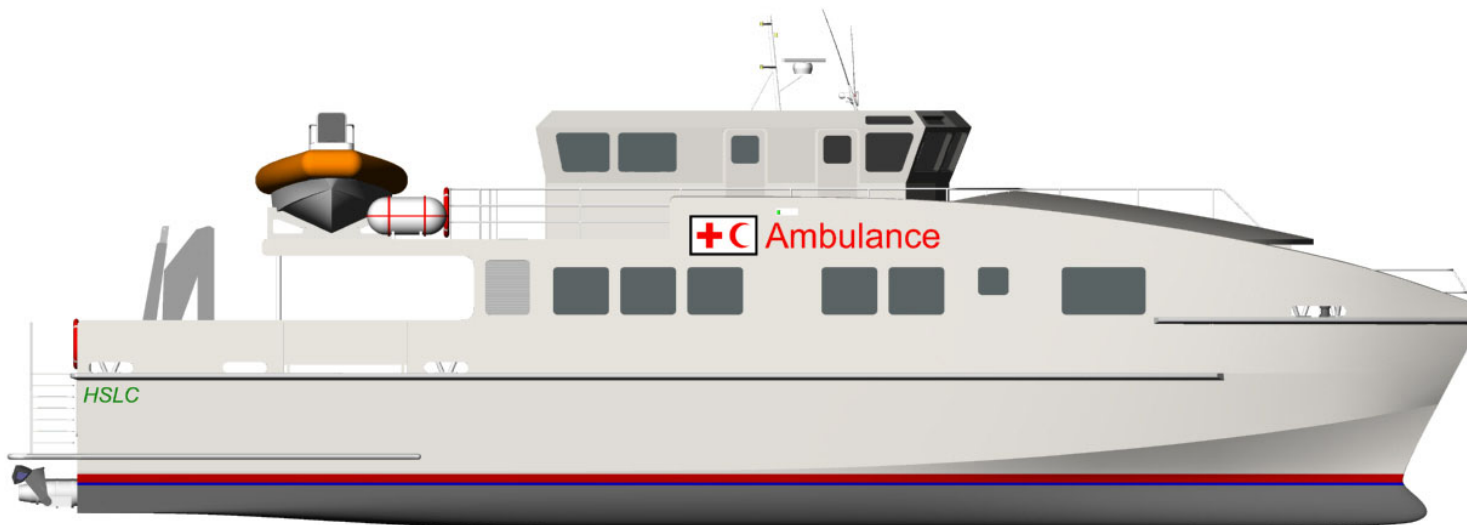
# 26m Emergency Response Vessel



**Mark Williamson Design**  
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# 26m Emergency Response Vessel



## PRINCIPAL DATA

LOA :	26.4m
LWL :	23.7m
Beam :	9.0m
Draft :	1.10m
Construction:	Marine Grade Aluminium
Main Engines:	2 x CAT 3412E 746kW @ 2300rpm
Gearbox:	2 x TD6557
Propulsion:	2 x 35" FPP
Fuel :	2 x 4000lts
Freshwater:	2 x 1500lts
Speed :	27.5 knots
Berths :	8-20

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# 26m ERV

# Vessel Description

**VESSEL TYPE:** High Speed Aluminium Catamaran for coastal service, round bilge “semi-swath” hullform incorporating bulbous bows.

## SURVEY AND CLASSIFICATION:

The vessel shall be classed Det Norske Veritas (DNV) with the notation ✕1A1 HSLC R3 Patol, and shall comply with the requirements of Queensland Survey USL 2B

## STRUCTURE:

Materials (to be inspected as required by Survey Authority and Owners Representative):

Sheet and Plate - Grade 5083-H321, H116, 5086-H32

Extrusions - Grade 6061-T6, 6082-T5, Filler Wire - Grade 5356, Castings - Grade CC601-T1

**OUTFIT AND FINISHING:** The vessel shall be laid out as per the general arrangement drawings and all fittings and equipment required for the operation of the vessel shall be supplied.

**FITOUT**

Floors:	Internal : “Aquadeck”
	External Decks : Non-skid paint
Linings:	Sides: Aluminium honeycomb panels (Ayr-lite)
	Bulkheads: Aluminium honeycomb panels (Ayr-lite)
	Deckhead: “Luxalon” perforated aluminium

**AIR CONDITIONING SYSTEM:** System is based on an water cooled compressor unit linked up to a multiple number of fan coil units. Design of the system shall be based upon an ambient operating temperature of 35°C (90% RH) and sea water of 32°C. Crew and Passenger spaces to be cooled to 21°C (50% RH).

## NAVIGATION and COMMUNICATION EQUIPMENT:

Furuno Model 1510 15” Radar with 6ft antenna 15mtr cable ARP17 Plotter GCY8 Gvro converter

JMC 1400 Dual frequency sounder 50/200 1kw

JMC NP-30NT with GPS ANTENNA

ICOM-IC-M700 complete with tuner and Banten HF antenna

Icom IC-M502 VHF Radio with Banten antenna

Sailor C2906 Inmarsat C VMS unit

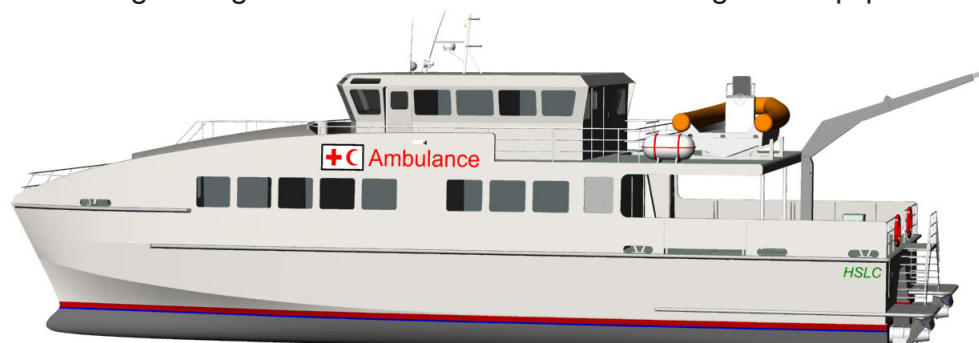
KVH Trac phone Inmarsat M

Navicontrol Autopilot 3003 Gold with second station

Cetrek “Poseidon” compass

Den Haan DHR CS-220 Searchlight

Closed circuit TV monitoring of engine room and main deck. All navigation equipment interfaced to Bridge displays



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