

# HSLC

*25.2m Low Wash Catamaran*



*Mark Williamson Design*

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## GENERAL VESSEL DESCRIPTION

LOA :	25.2m	Main Engines :	2 x YANMAR 6LY2ASTP 440HP @ 3300rpm
LWL :	24.8m	Gearbox :	2 x ZF IRM350
Beam Moulded :	8.0m	Auxiliary :	Cummins 4BT 3.9G2(M) / UCM 224E 60kVa
Draft :	1.0m	Propulsion :	28" 5Blade propellers
Fuel :	2000lts	Max Speed :	24 knots @ 100% MCR
Water :	200lts	Cruising Speed:	21 knots

**VESSEL TYPE:** Low wash round bilge Catamaran

### SURVEY AND CLASSIFICATION:

Lloyds Register SSC G2 , shall comply with the requirements of Queensland Survey USL 1D

### STRUCTURE:

Hull, Main Deck: Aluminium

SS Fairing : Composite

### 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. The 'fitout' is to be of a high commercial finish in keeping with a modern passenger vessel. The interior layouts and finishing's will be confirmed in conjunction with the client.

### Noise Levels

The noise level at the centre of each crew and passenger area shall not exceed 75 dB(A) and the noise level at the centre of the wheelhouse shall not exceed 65 dB(A).

### Fitout:

FLOOR: Carpet (100% Wool), Rubber in WHS & entry. Non Skid Paint Exteriors

DECKHEAD: "Luxalon" perforated aluminium

LININGS: Sides Composite  
Bulkheads Composite

SEATING: Transport Seating "Wave Rider", Seat pitch to be 850mm

### AIR CONDITIONING SYSTEM:

Reverse cycle 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 45°C (98% RH) and sea water of 35°C. Crew spaces to be cooled/heated to 21°C (50%RH).

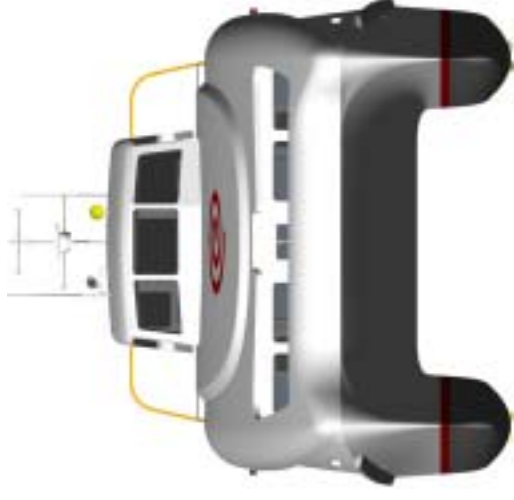
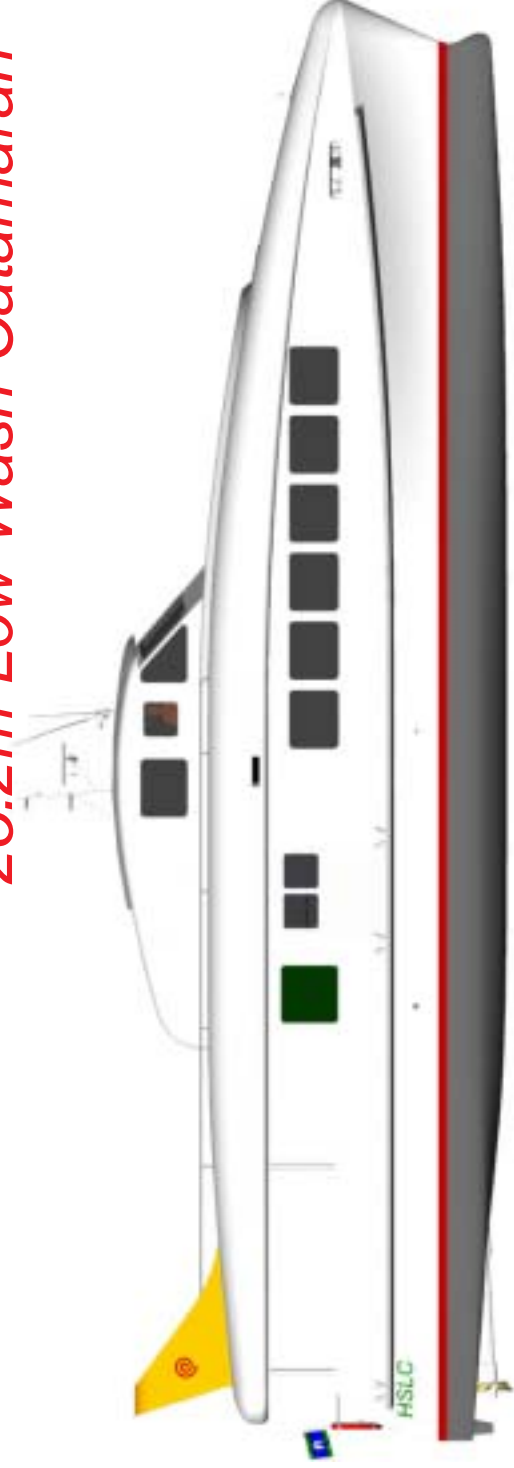
### NAVIGATION and COMMUNICATION EQUIPMENT: (as per survey requirements of USL 1C)

RADAR	JRC JMA-2254 10" Rasterscan Radar 4 kW output, 48NM range, 3.5" antenna, twin EBL's and VRM's 24v DC
GPS / ECHO SOUNDER	RC JFV-850 10" Colour Sounder, 200 / 50khz dual frequency 600W output, shallow and deep alarms, zoom, inbuilt track plotter 24v DC
LOG	Silva Sea Data
VHF RADIO	GME GX548
HF SSB RADIO	Barrett 550 HF SSB Transceiver
AUTOPILOT	Navicontrol AP3003, 24v DC
COMPASS	Cetrek "Poseidon"
SEARCHLIGHT	Den Haan DHR CS-220



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Beam : 8.0m  
Draft : 1.0m  
Fuel : 2000lts  
Power : 2 x 440HP  
Speed : 24 knots

Classification :  
Lloyds SSC G2

Construction :  
Marine Grade Aluminium



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