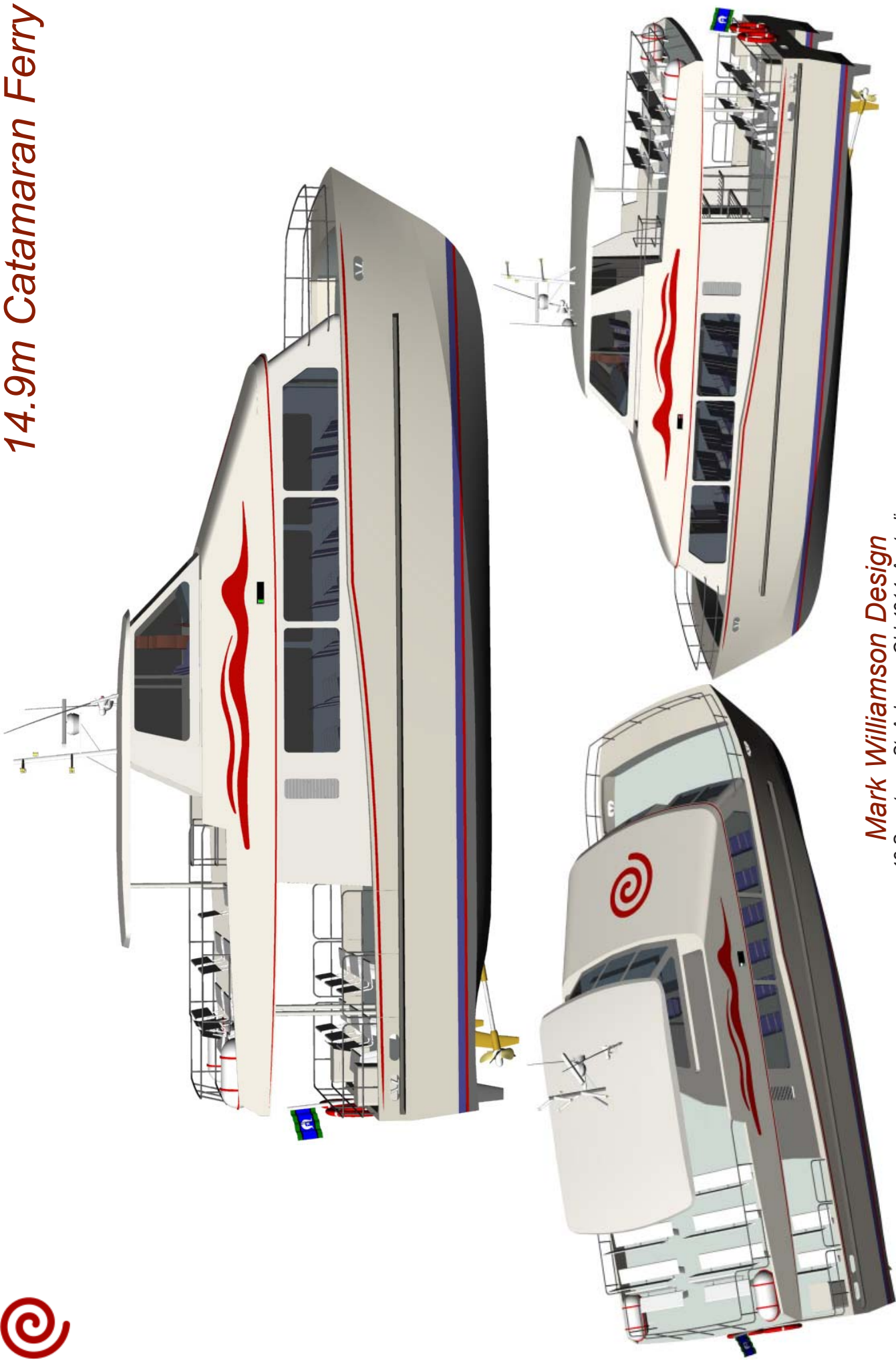




14.9m Catamaran Ferry



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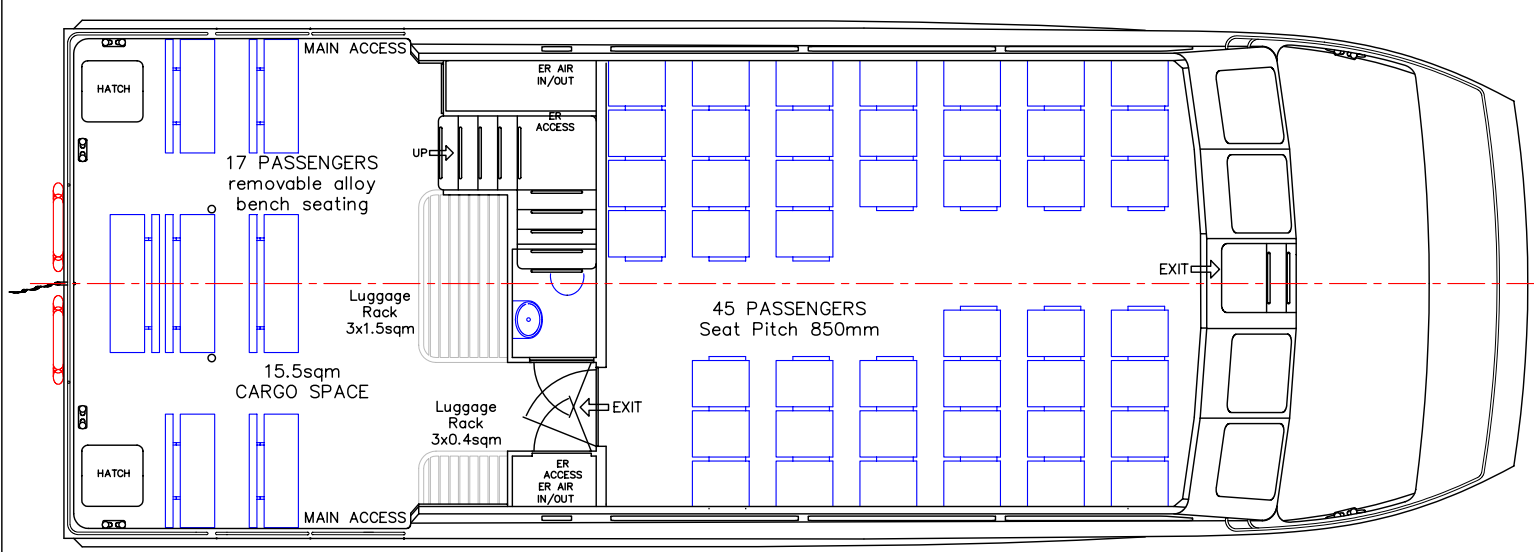
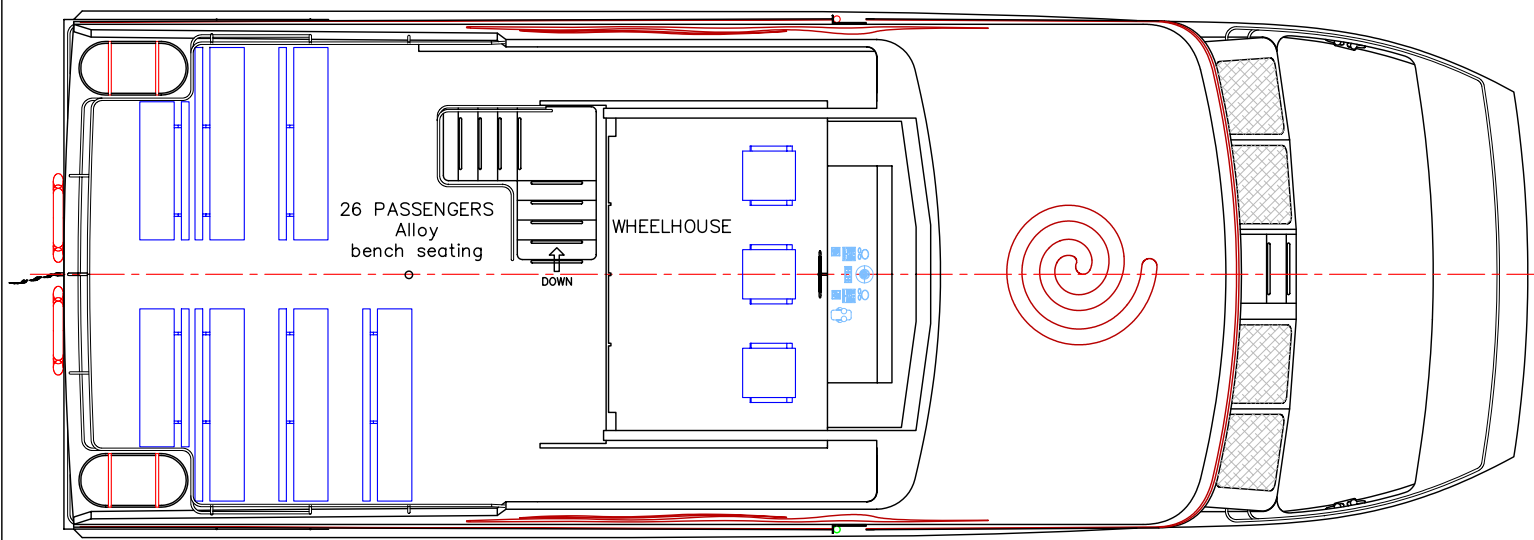
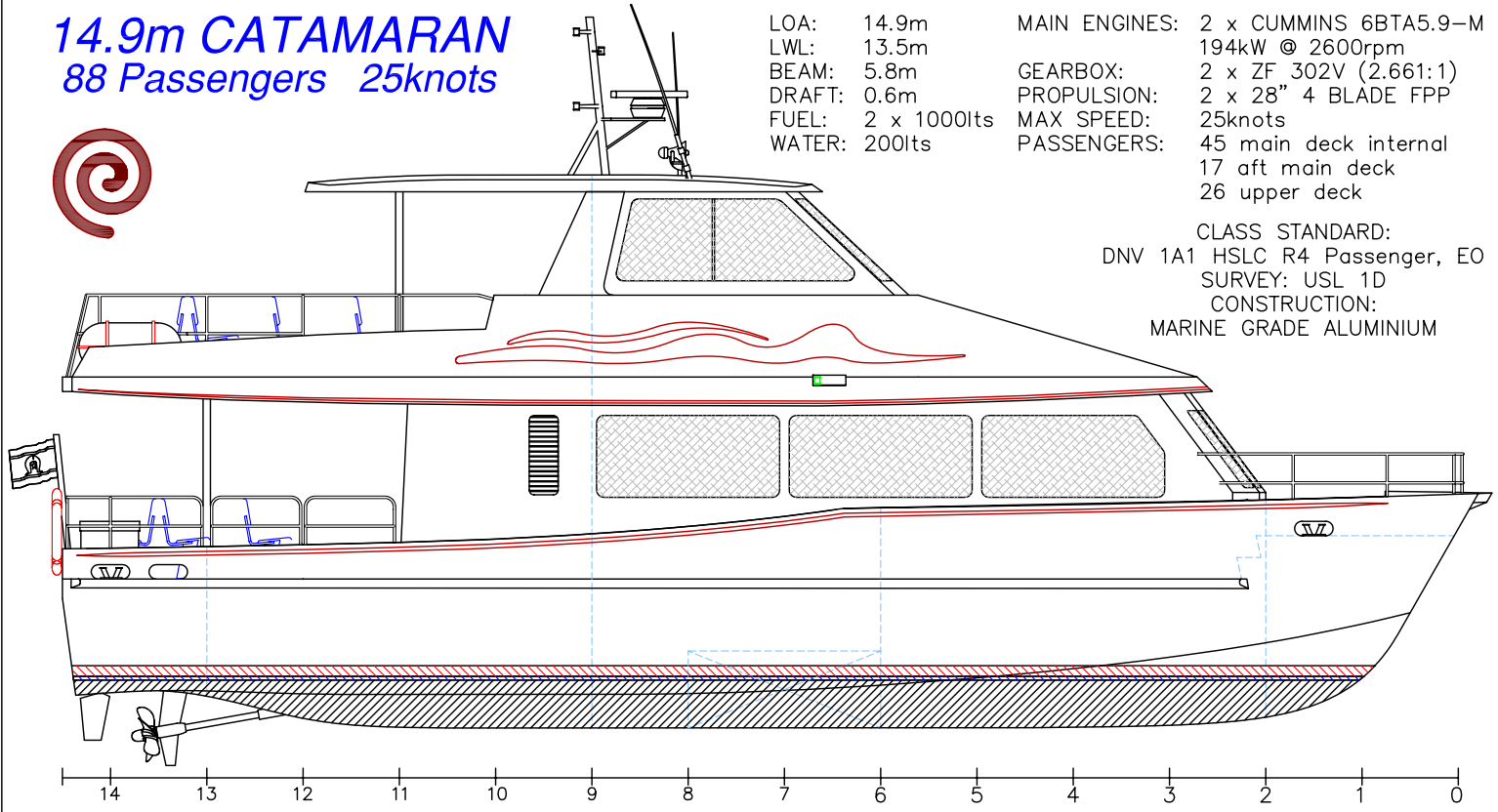
88 Passengers 25knots



LOA: 14.9m
 LWL: 13.5m
 BEAM: 5.8m
 DRAFT: 0.6m
 FUEL: 2 x 1000lts
 WATER: 200lts

MAIN ENGINES: 2 x CUMMINS 6BTA5.9-M
 194kW @ 2600rpm
 GEARBOX: 2 x ZF 302V (2.661:1)
 PROPULSION: 2 x 28" 4 BLADE FPP
 MAX SPEED: 25knots
 PASSENGERS: 45 main deck internal
 17 aft main deck
 26 upper deck

CLASS STANDARD:
 DNV 1A1 HSLC R4 Passenger, EO
 SURVEY: USL 1D
 CONSTRUCTION:
 MARINE GRADE ALUMINIUM



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VESSEL: 14.9m CATAMARAN

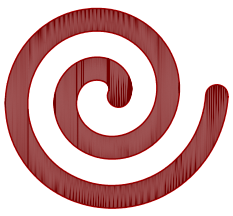
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DWG No: 15F-01

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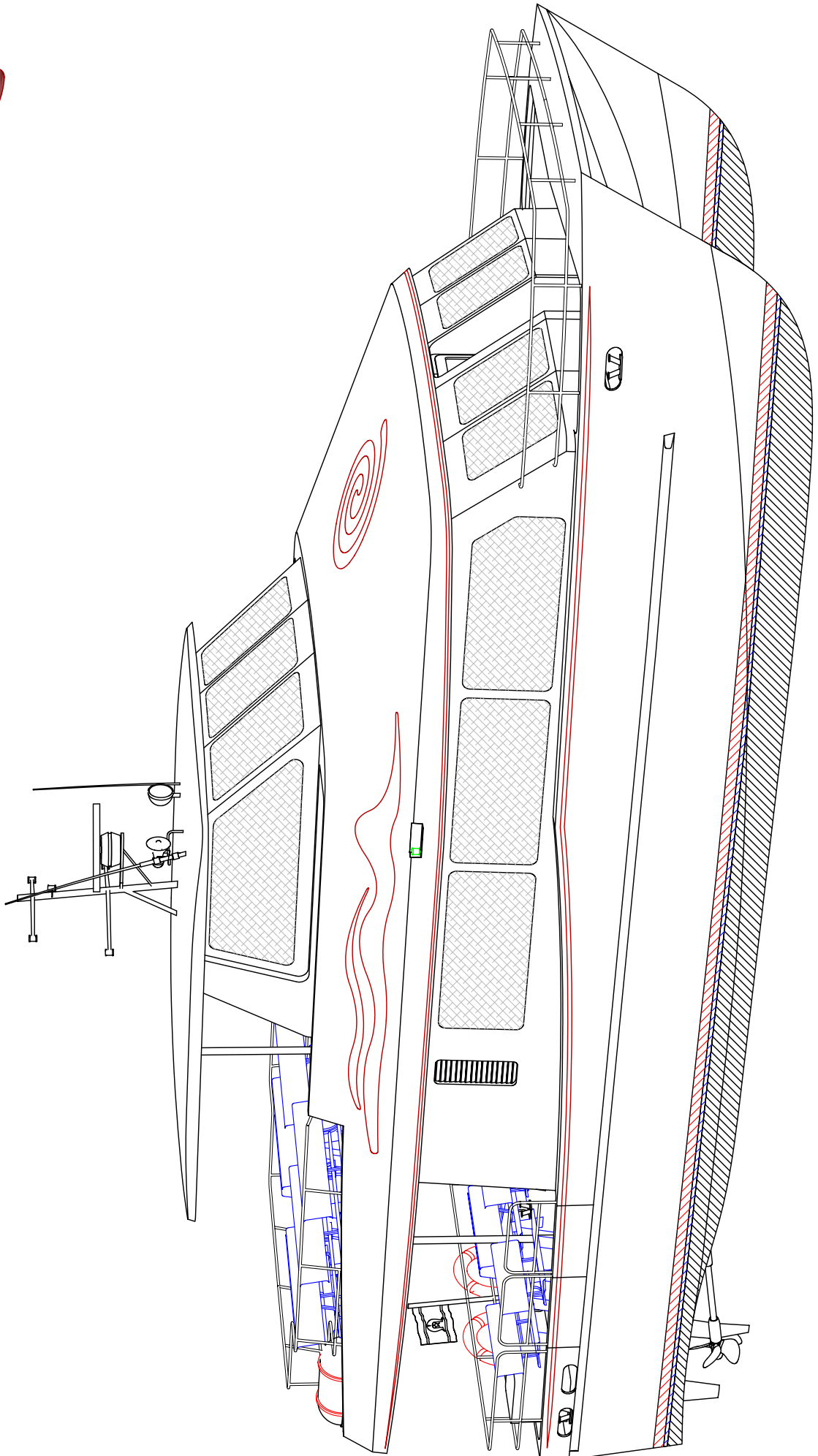
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DRAWN: MDW



14.9m CATAMARAN

88 Passengers 25knots



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VESSEL: 14.9m CATAMARAN

TITLE: GENERAL ARRANGEMENT 3D

DWG No: 15F-01A

SCALE:

DATE: 8/7/2004

DRAWN: MDW

14.9m Catamaran Ferry

Vessel Description

VESSEL TYPE: Semi-Displacement Hard Chine Catamaran for coastal applications

SURVEY AND CLASSIFICATION:

The vessel shall comply with the requirements of Queensland Survey USL 1D

STRUCTURE:

Structural Standard : Det Norske Veritas (DNV) with the notation X1A1 HSLC R4 Passenger, EO 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

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.

LAYOUT: Main Deck: Internal Seating for 45 (Rae Line Skipper Challenger Seat Pitch 850mm)
1 Toilet, External Alloy Seating for 17 with quick release mechanism, Luggage racks (floor area 1.9m²)
Upper Deck: Wheelhouse, outdoor alloy seating for 26;

FITOUT:

Floors: Entry, Aisleways, Toilet, WHS : "Aquadeck" Forward Passenger Space : 100% Wool Carpet External Decks : Non-skid paint
Linings: Deckhead, Sides, Bhds : Composite

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).

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 35°C (95% RH) and sea water of 30°C. Crew spaces to be cooled/heated to 21°C (50% RH).

NAVIGATION and COMMUNICATION EQUIPMENT:

RADAR	JRC JMA-2254 10" Rasterscan Radar 4 kW output
GPS / ECHO SOUNDER	RC JFV-850 10" Colour Sounder,
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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