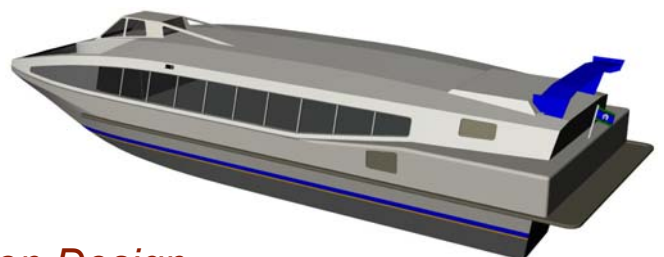
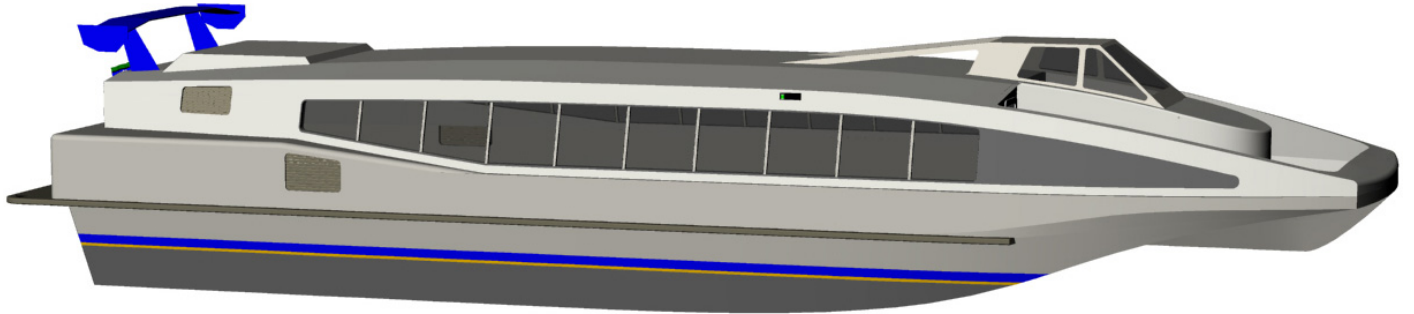


HSLC

22m High Speed River Ferry

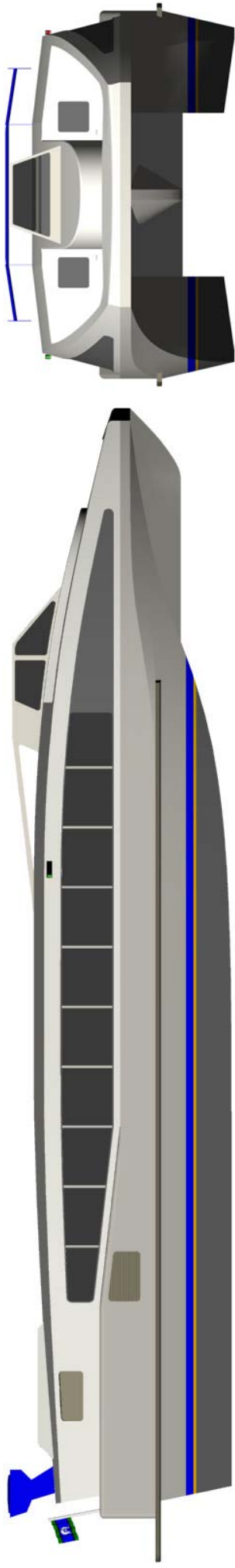


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22m HIGH SPEED RIVER FERRY



PRINCIPAL DATA

LOA : 22.2m
LWL : 15.7m
Beam : 7.20m
Draft : 0.8m
Construction : Marine Grade Aluminium
Main Engines : 2 x MAN D2842 LE402
735kW @ 2100rpm
Gearbox : 2 x ZF BW190
Propulsion : 2 x DOEN DJ220
Fuel : 2 x 1500lts
Freshwater : 300lts
Speed : 26.9 knots
Passengers : 107 upper deck
Crew : 4



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22m High Speed River Ferry Vessel Description

VESSEL TYPE: High Speed Aluminium Catamaran, planing hull for river applications

SURVEY AND CLASSIFICATION:

The vessel shall be classed Det Norske Veritas (DNV) with the notation $\times 1A1$ HSLC R5 Passenger, EO, shall comply with the requirements of Queensland Survey USL 2E

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

All welders to be approved by the Survey Authority.

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: Entry, Toilets, Kiosk, WHS : "Aquadeck"
Passenger Space : 100% Wool Carpet
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 Gyro 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

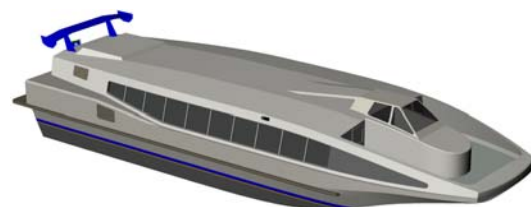
KVH Trac phone Inmarsat M

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



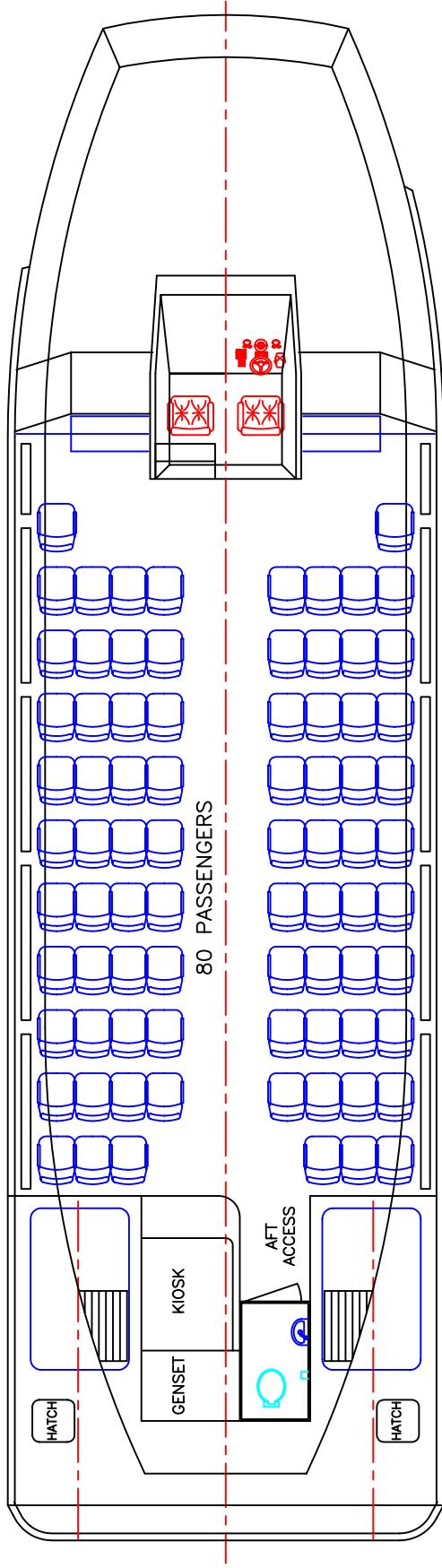
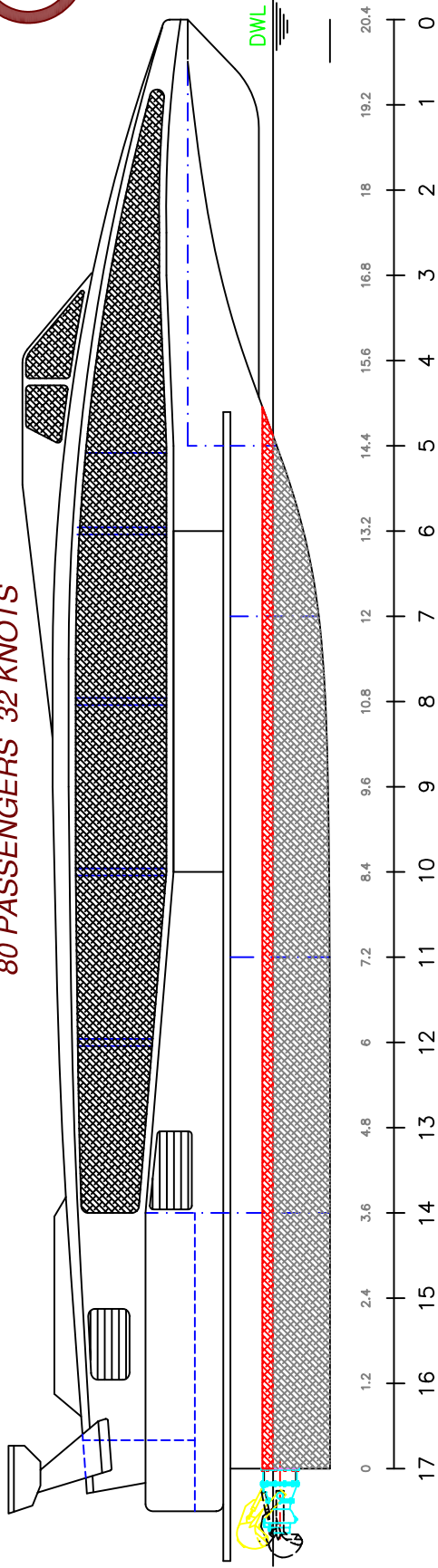
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21m HIGH SPEED RIVER FERRY
80 PASSENGERS 32 KNOTS



LOA: 21.0m
 LWL: 14.7m
 BEAM: 6.6m
 DRAFT: 0.8m

FUEL: 3000lts
 WATER: 300lts
 PASSENGERS: 80
 SPEED: 32knots

MAIN ENGINES: 2 x VOLVO TAMD163
 441kW @1800rpm
 GEARBOX: 2 x ZF BW250
 PROPULSION: DOEN DJ220

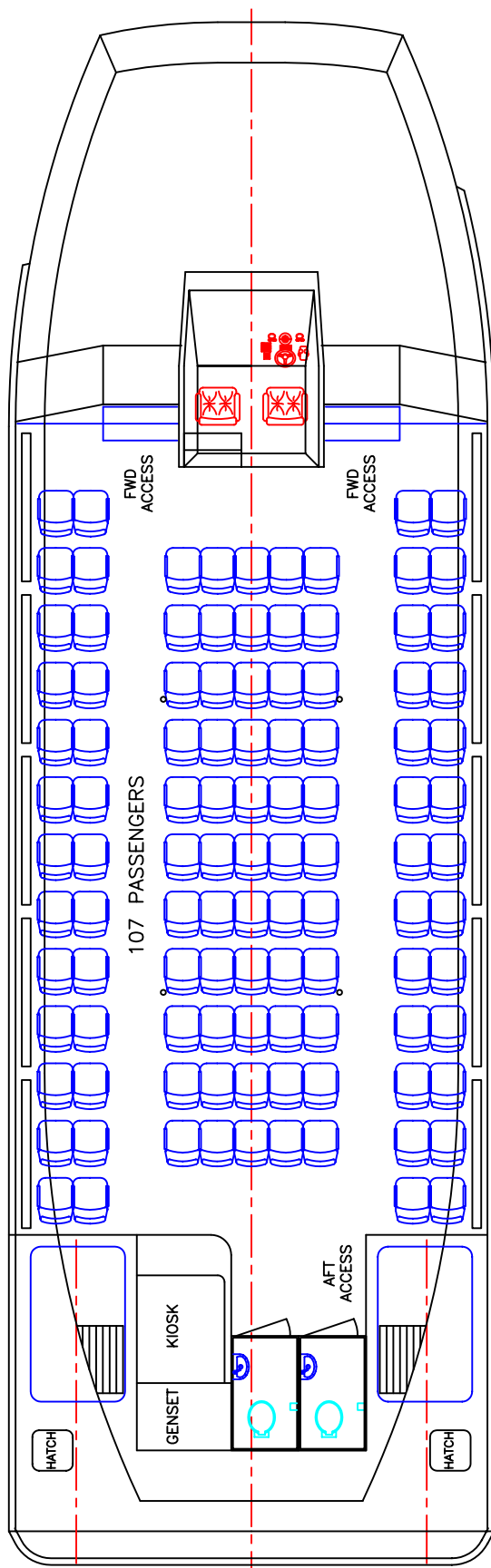
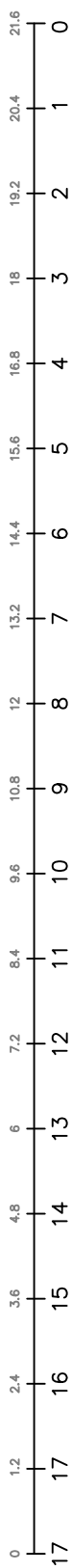
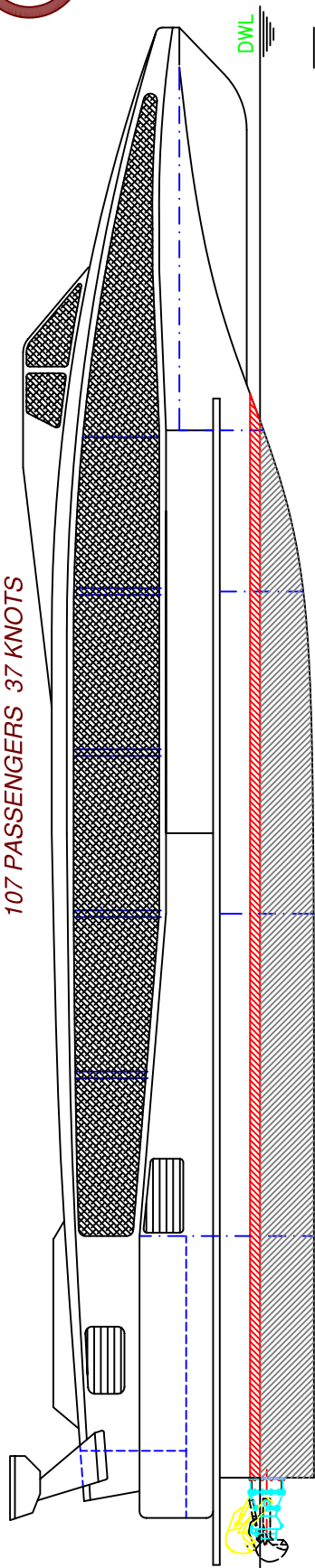
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 Ph: 617 5597 3521 Fax: 617 5597 3529 www.mwdesign.net.au

VESSEL:	21m RIVER FERRY
TITLE:	GENERAL ARRANGEMENT
DWG No:	21RP-100
DATE:	17/3/2002
SCALE:	
DRAWN:	MDW



22m HIGH SPEED RIVER FERRY
107 PASSENGERS 37 KNOTS



LOA:	22.2m	FUEL:	3000lts	MAIN ENGINES:	2 x MAN D2842 LE402
LWL:	15.9m	WATER:	300lts		735kW @2100rpm
BEAM:	7.2m	PASSENGERS:	107	GEARBOX:	2 x ZF BW190
DRAFT:	0.8m	SPEED:	36.9knots	PROPULSION:	CASTOLDI 490HC

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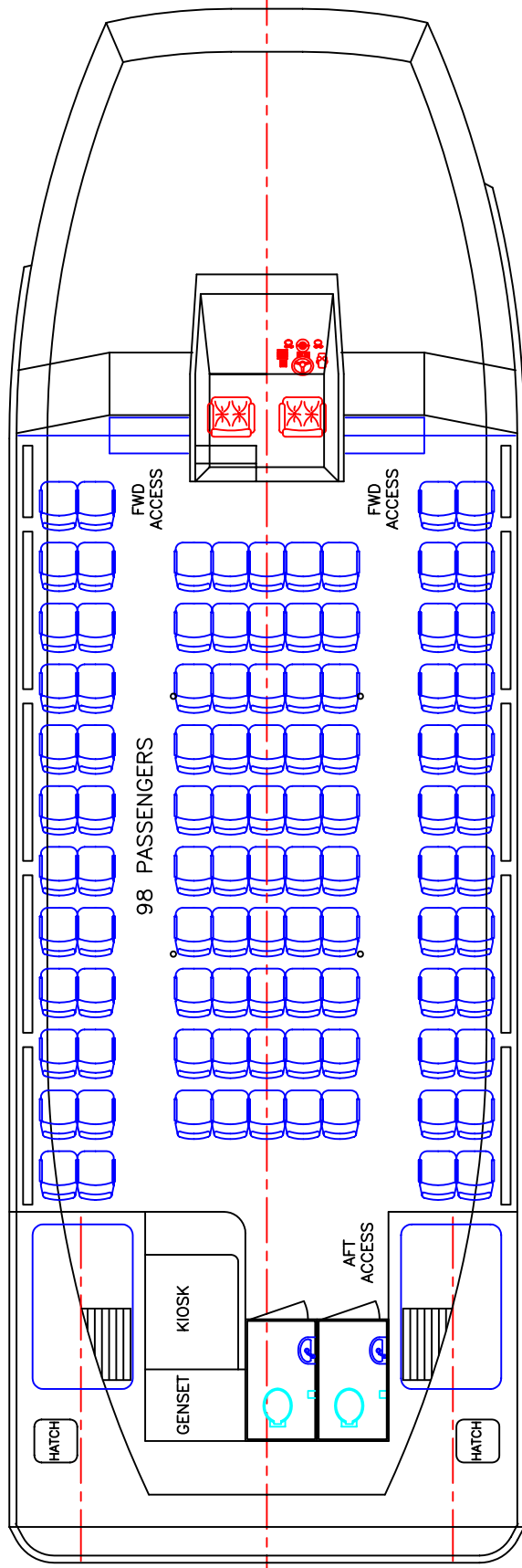
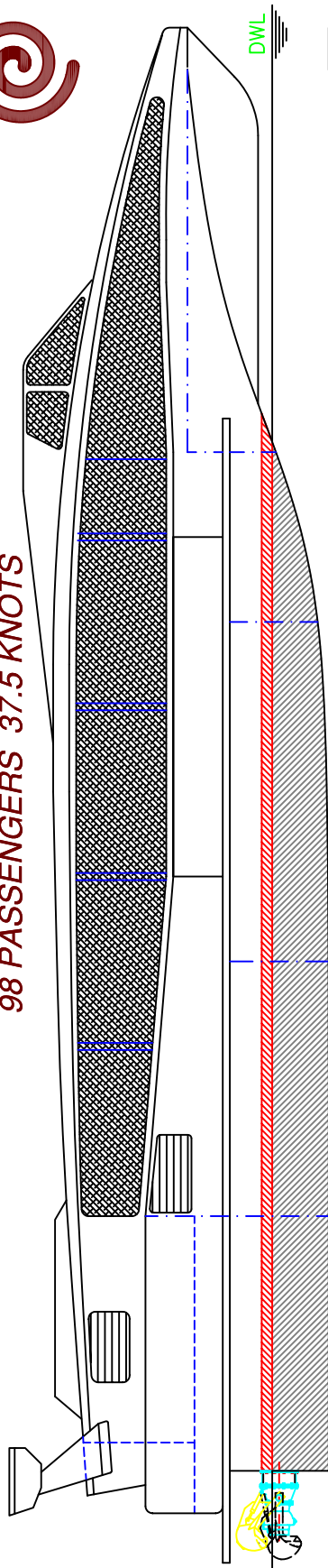
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VESSEL:	22m RIVER FERRY
TITLE:	GENERAL ARRANGEMENT
DWG No:	22PL-100
DATE:	19/12/2003
DRAWN:	MDW

21m HIGH SPEED RIVER FERRY

98 PASSENGERS 37.5 KNOTS



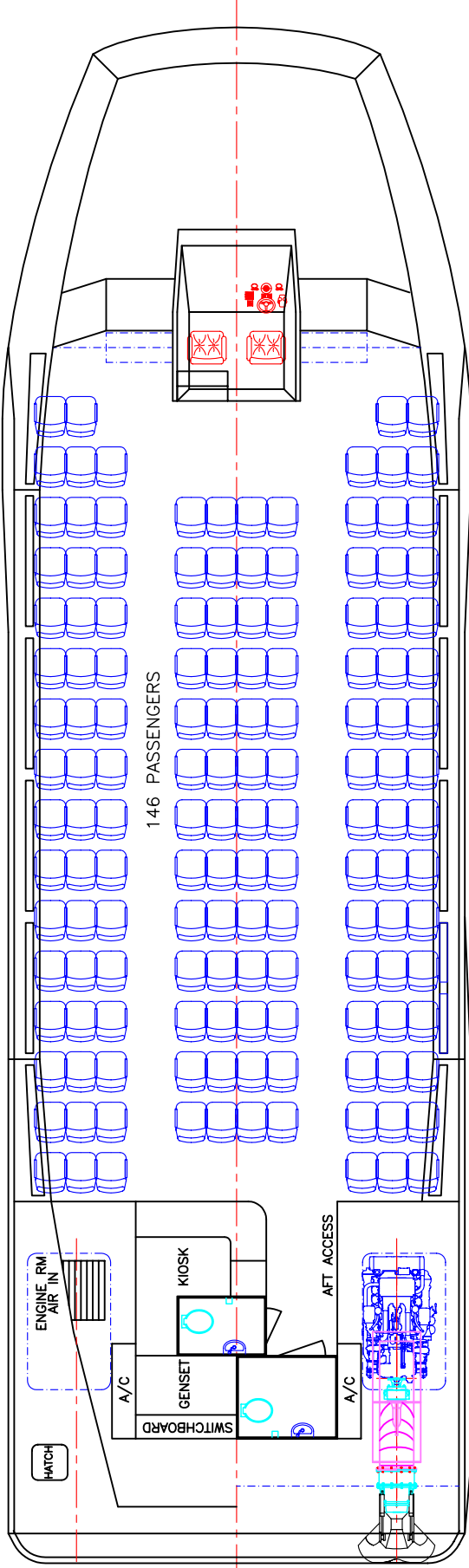
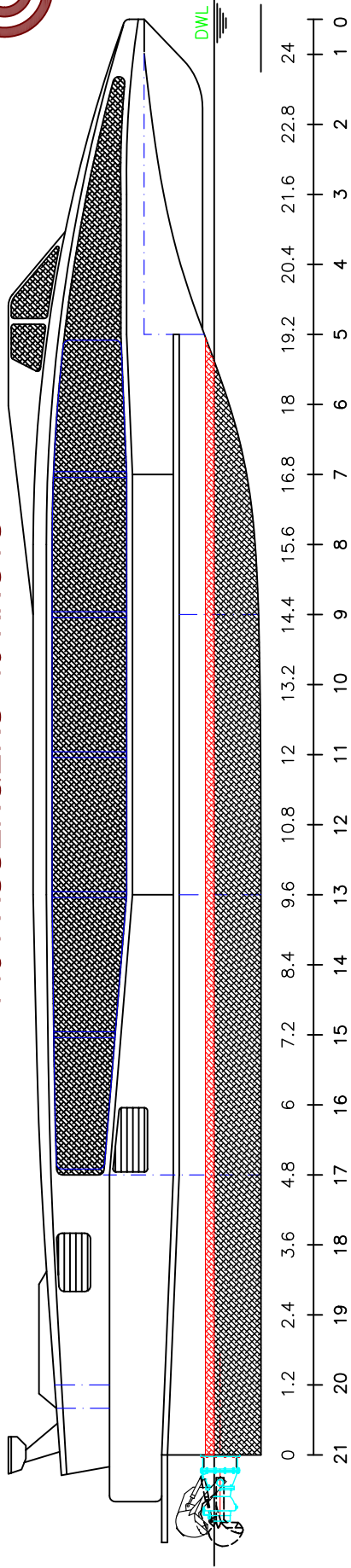
LOA: 21.0m **FUEL:** 3000lts **MAIN ENGINES:** 2 x MAN D2842 LE402
LWL: 14.7m **WATER:** 300lts **735kW @2100rpm**
BEAM: 7.2m **PASSENGERS:** 98 **GEARBOX:** 2 x ZF BW190
DRAFT: 0.8m **SPEED:** 37.5knots **PROPULSION:** DOEN DJ220

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VESSEL: 21m RIVER FERRY
TITLE: GENERAL ARRANGEMENT
DWG No: 21RP2-100
DATE: 17/3/2002
SCALE:
DRAWN: MDW

26m LOW WASH RIVER FERRY 146 PASSENGERS 40 KNOTS



LOA: 25.4m **FUEL:** 4000lts **MAIN ENGINES:** 2 x MTU 16V2000 M70
LWL: 18.8m **WATER:** 500lts **1050kW @ 2100rpm**
BEAM: 8.0m **PASSENGERS:** 146 **GEARBOX:** 2 x ZF BW250
DRAFT: 0.8m **SPEED:** 40knots **PROPULSION:** MJP J450

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VESSEL:	26m RIVER FERRY
TITLE:	GENERAL ARRANGEMENT
DWG No:	26RP-100
DATE:	25/4/98
SCALE:	
DRAWN:	MDW