

LightCraft

26m Emergency Response Vessel

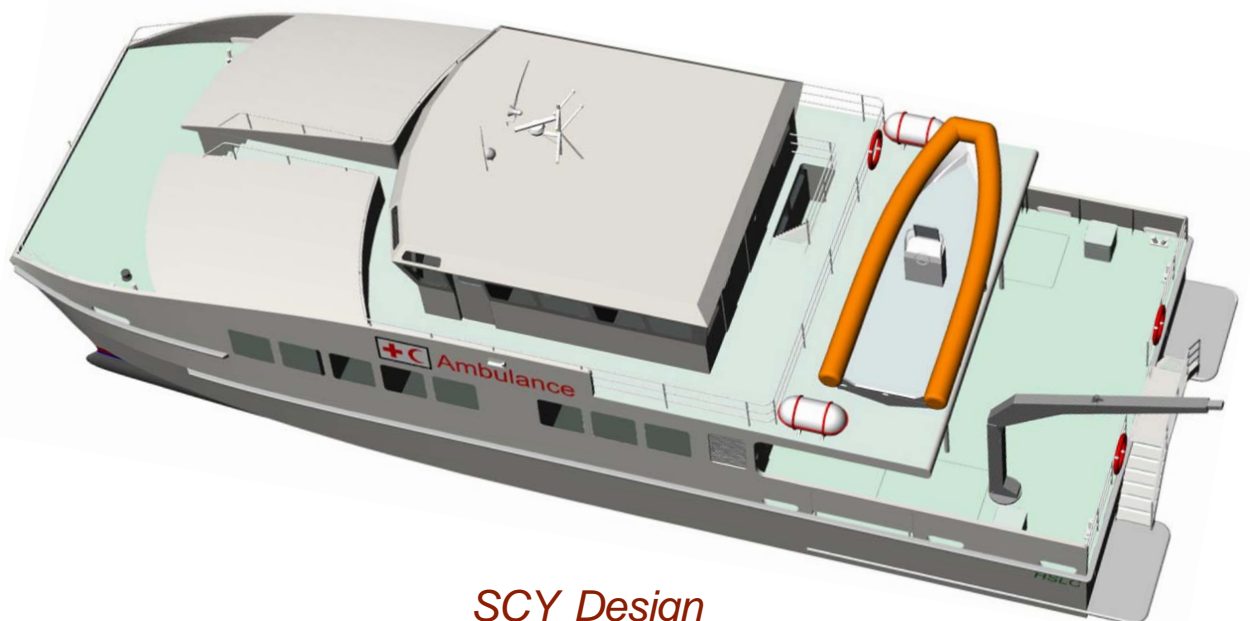


SCY Design

48 Sweetgum St, Ashmore Qld 4214, Australia
Ph: (617) 5597 3521 www.scy.net.au



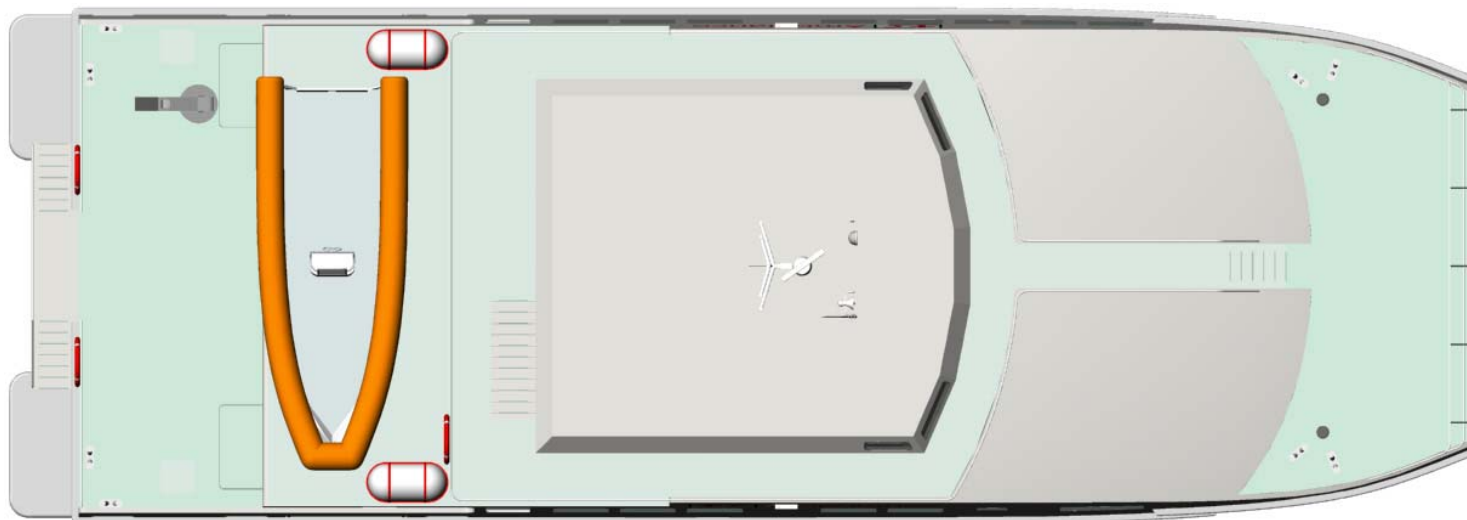
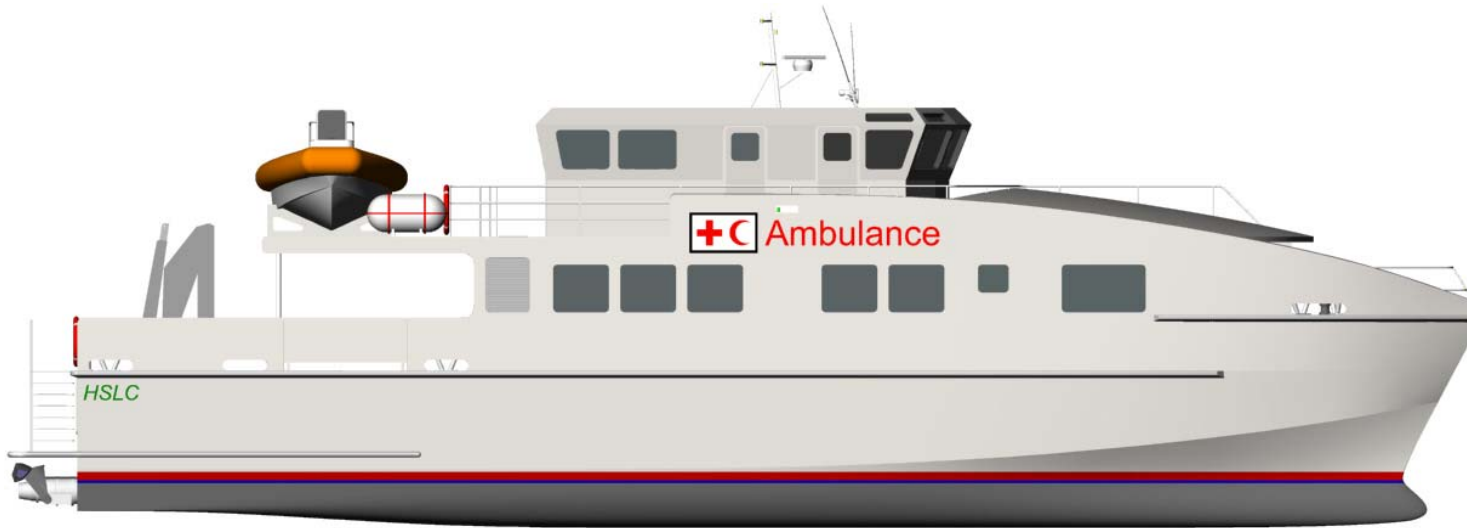
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PRINCIPAL DATA

LOA :	26.4m
LWL :	23.7m
Beam :	9.0m
Draft :	1.10m
Berths :	8-25

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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 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

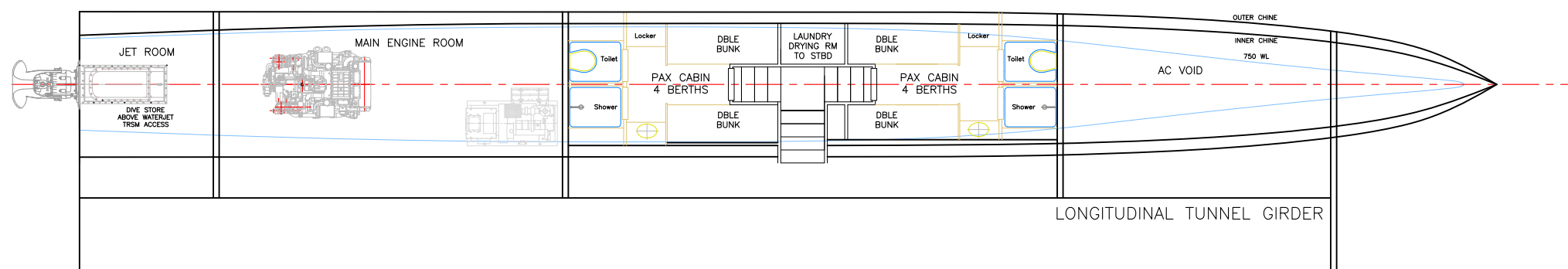
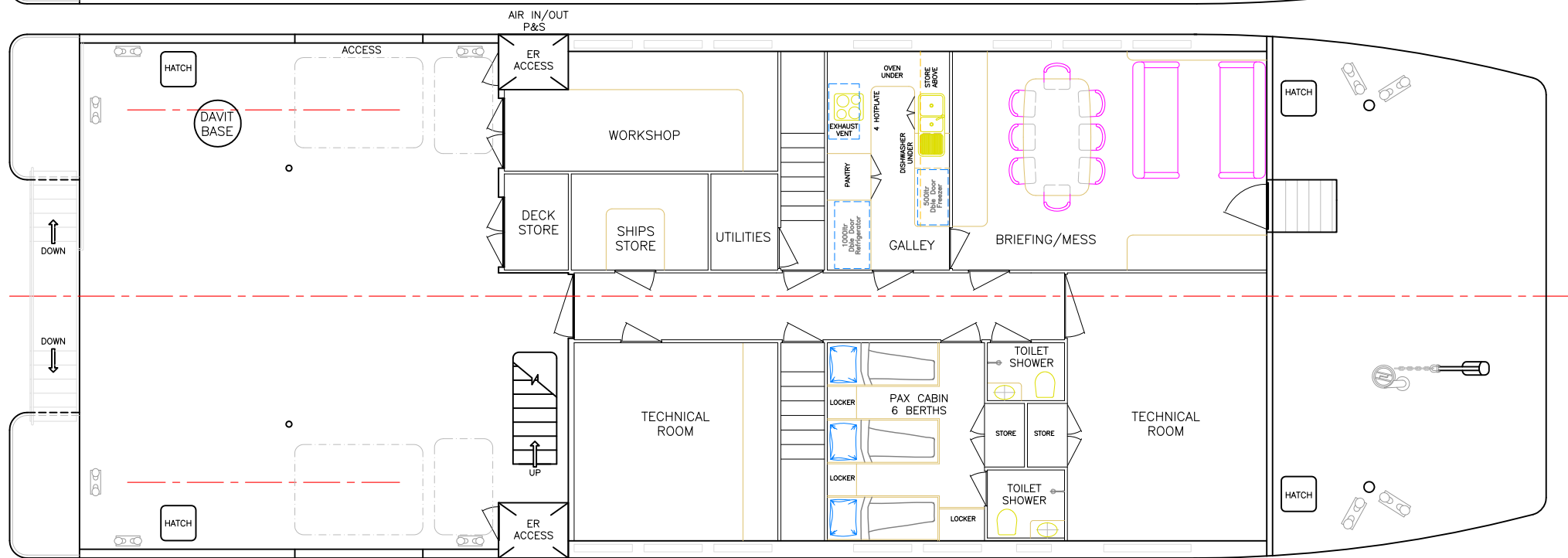
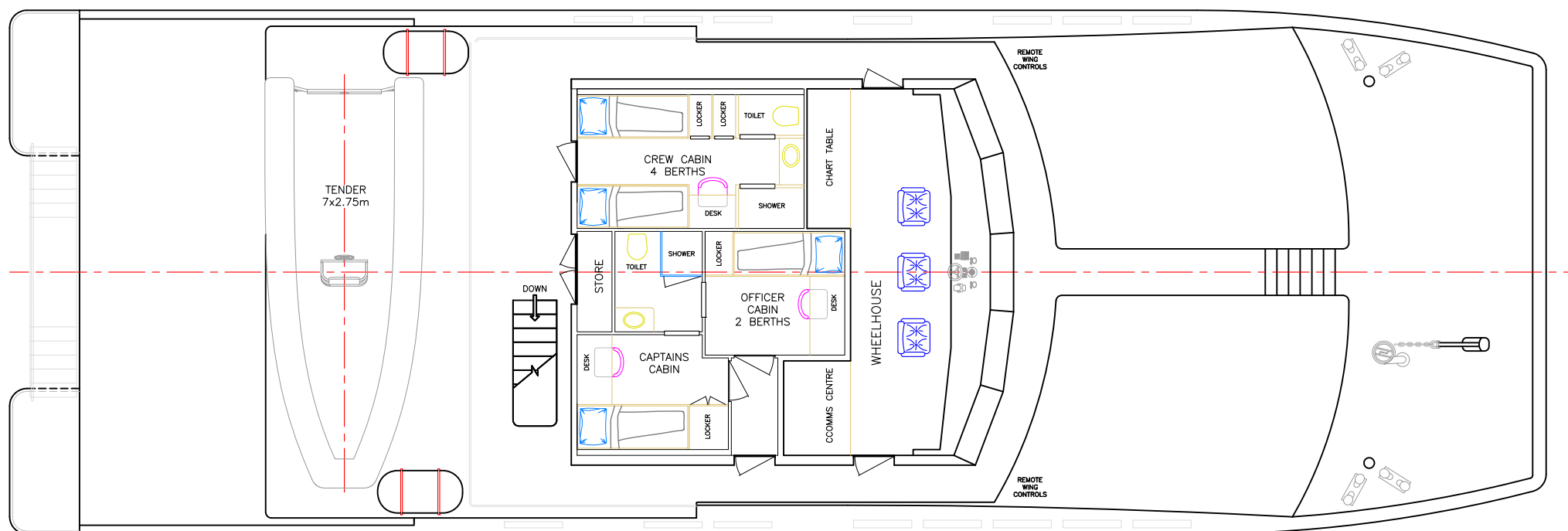
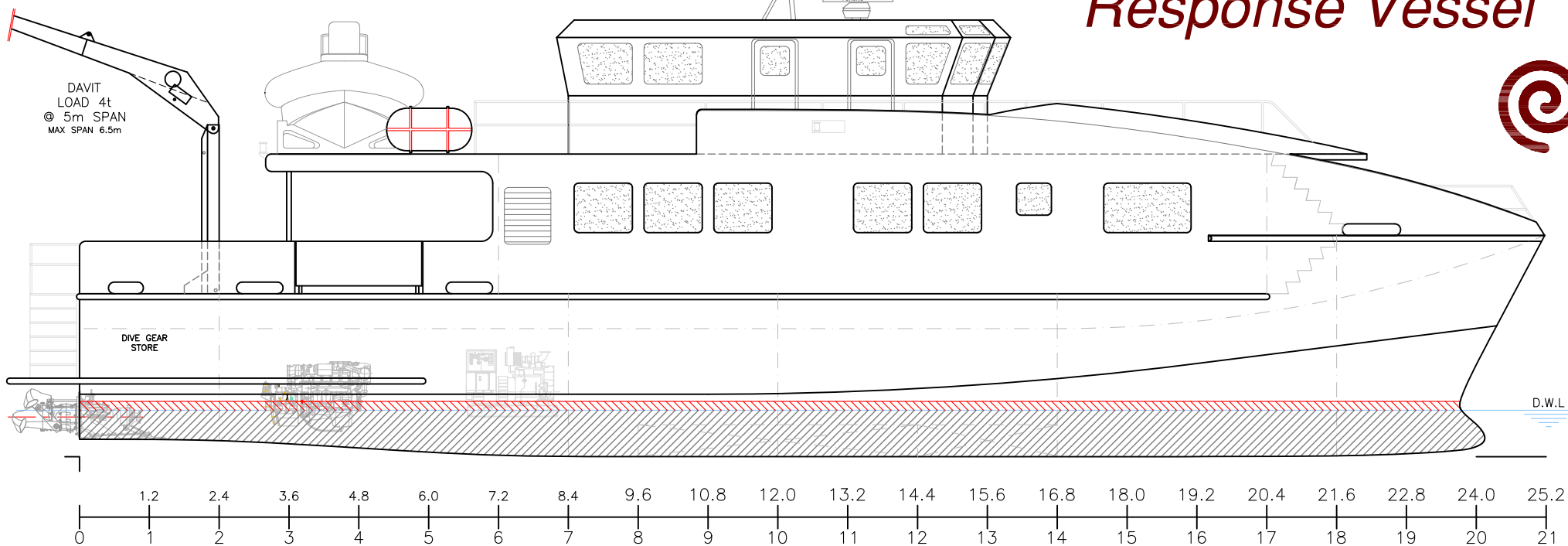


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26m Emergency Response Vessel



LOA: 26.4m
Lmoulded: 25.2m
LWL: 23.7m
BEAM: 9.0m
DRAFT: 1.2m

FUEL: 7500lts
WATER: 3000lts
BERTHS: 7+22
SPEED: 25knots

MAIN ENGINES: 2 x MAN D2842 LE405
662kW @ 2100rpm
GEARBOX: 2 x ZF2050
PROPULSION: 2 x HAMILTON HJ403
AUXILLARY: 2 x 65ekW

LightCraft
Aluminium Workboats

VESSEL: 26m Emergency Response Vessel

TITLE: GENERAL ARRANGEMENT

DWG No: S26-100

DATE: 5/1/2013

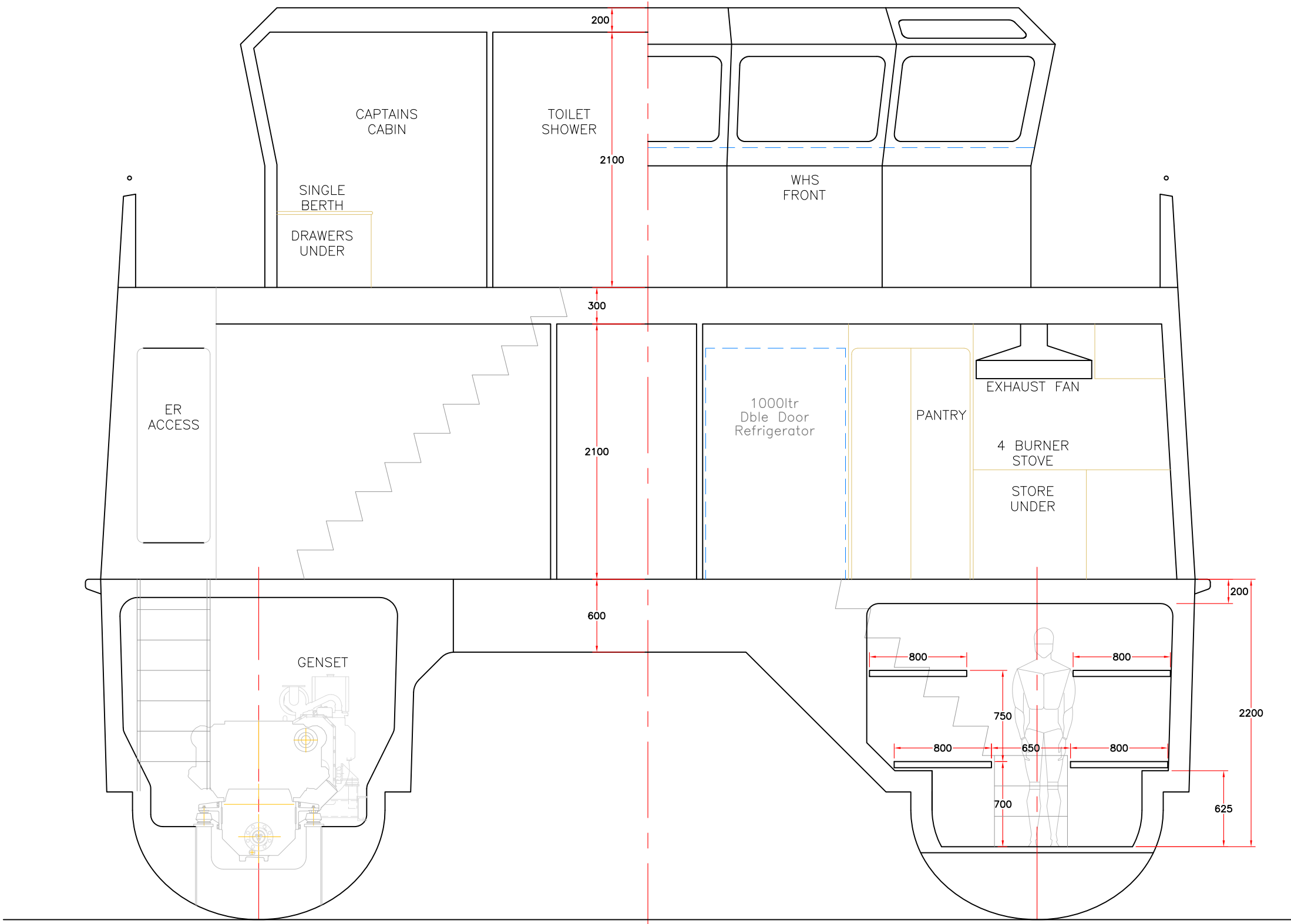
SCALE: 1:- A4

DRAWN: MDW

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SECTION THROUGH
FRAME 17

SECTION THROUGH
FRAME 9