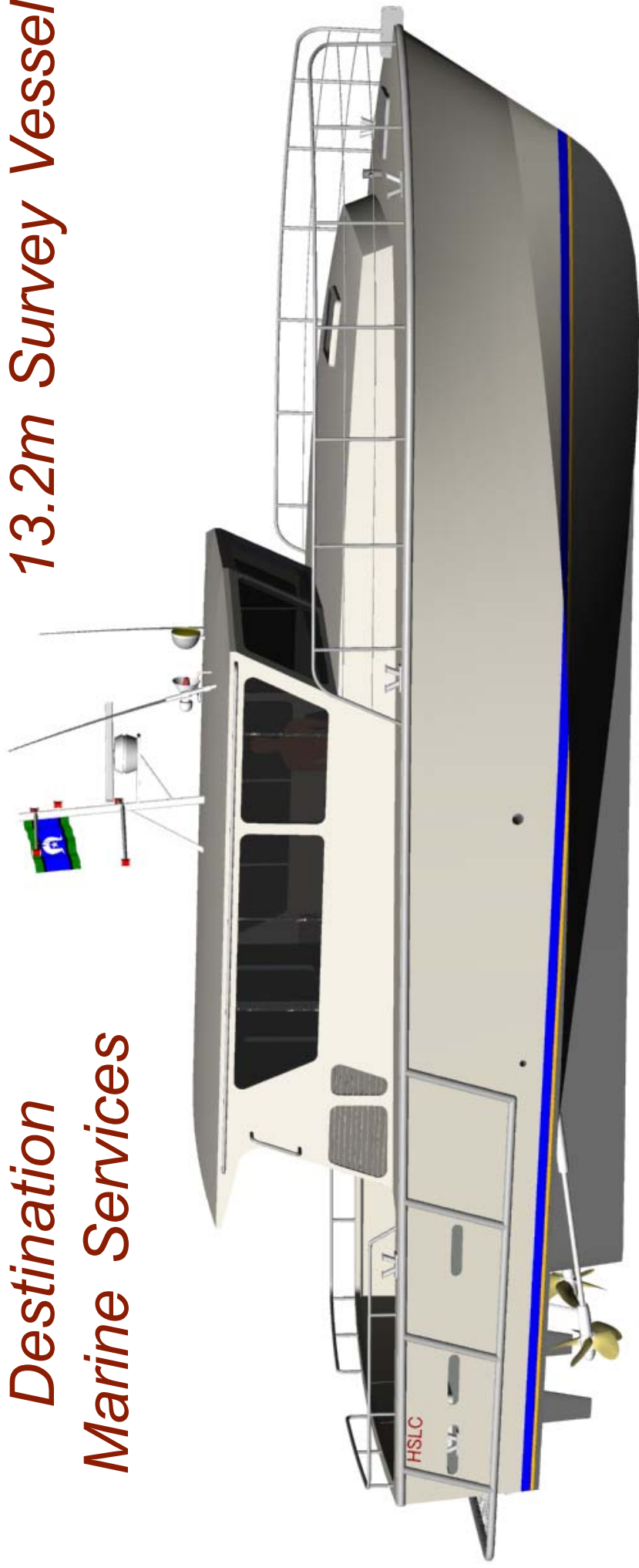


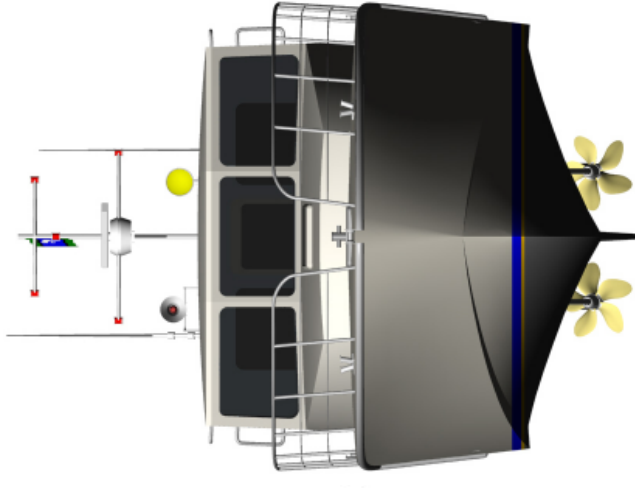
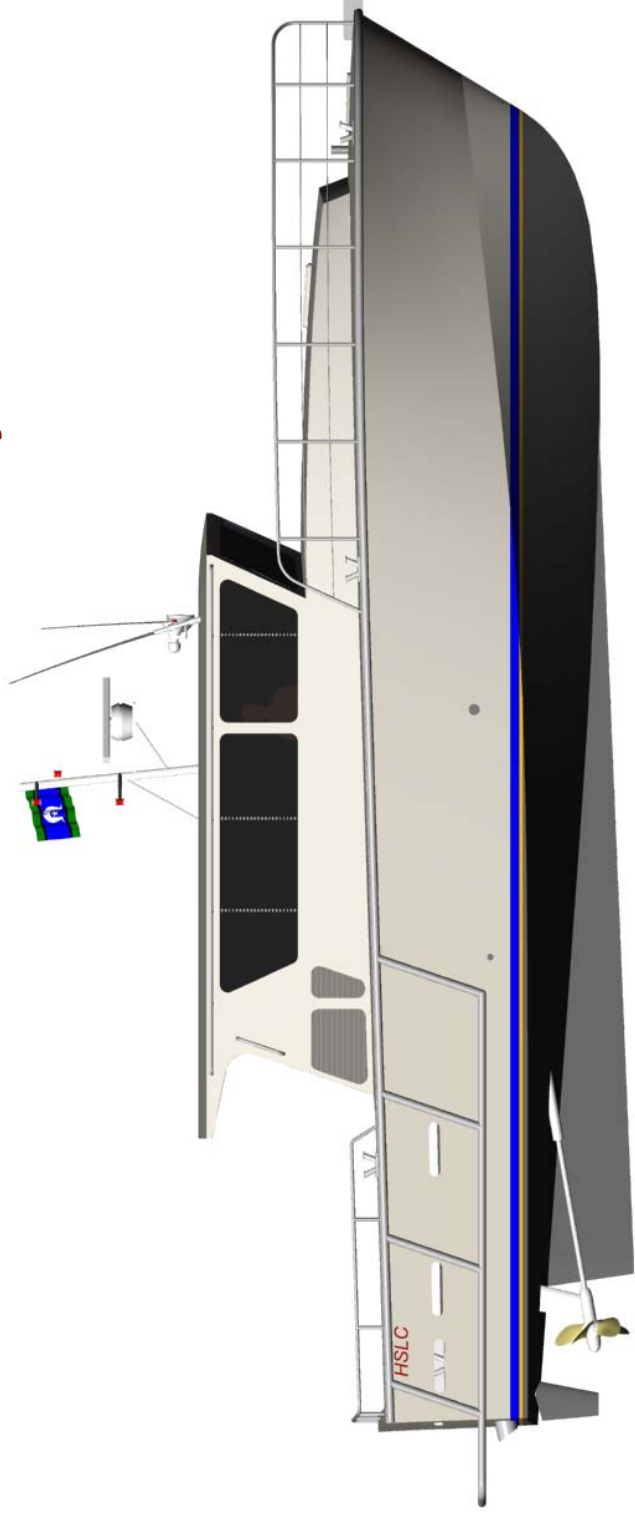
Destination Marine Services

13.2m Survey Vessel



Mark Williamson Design
48 Sweetgum St, Ashmore Qld 4214, Australia
Ph: (617) 5597 3521 Fax: (617) 5597 3529 www.mwdesign.net.au

13.2m Survey Vessel



LOA : 14.0m
L moulded: 13.2m
LWL : 12.2m
Beam : 4.00m
Draft : 1.00m
Fuel : 2500lts
Water : 500lts
Main Engines : 2 x Cummins 6BT-M
157kW @ 2600rpm
Gearbox: ZF 80A 2.5:1
Propulsion : 2 x 26" FPP
Speed : 18 knots



Classification :
DNV ✕1A1 HSLC R3 PATROL
Survey USL 2B

Construction :
Marine Grade Aluminium

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13.2m Survey Vessel

Vessel Description

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

SURVEY AND CLASSIFICATION:

DNV ✕1A1 HSLC R3 Patrol , 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 Extrusions - Grade 6061-T6, 6082-T5
Bottom, Trsm: 5mm Side, Foredeck, Aftdeck: 4mm Cabin, Internal Decks: 3mm

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: Operations Room
Lower Deck: Galley / Mess Area, Toilet/Shower, Double Berth

Fitout: Floors: "Aquadeck"
Lining's: External Decks : Non-skid paint
Sides Aluminium honeycomb panels (Ayr-lite)
Bulkheads Aluminium honeycomb panels (Ayr-lite)

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 40°C (95% RH) and sea water of 320°C. Crew spaces to be cooled/heated 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 :
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.

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