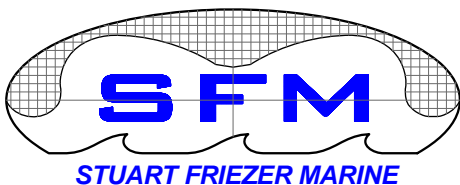


LightCraft

Aluminium Shipbuilding



40m FAST SUPPORT INTERVENTION VESSEL



4 Alexander Rd, Avalon, NSW 2107, Australia
Ph: (612) 86684865 stuartfriezer@hotmail.com

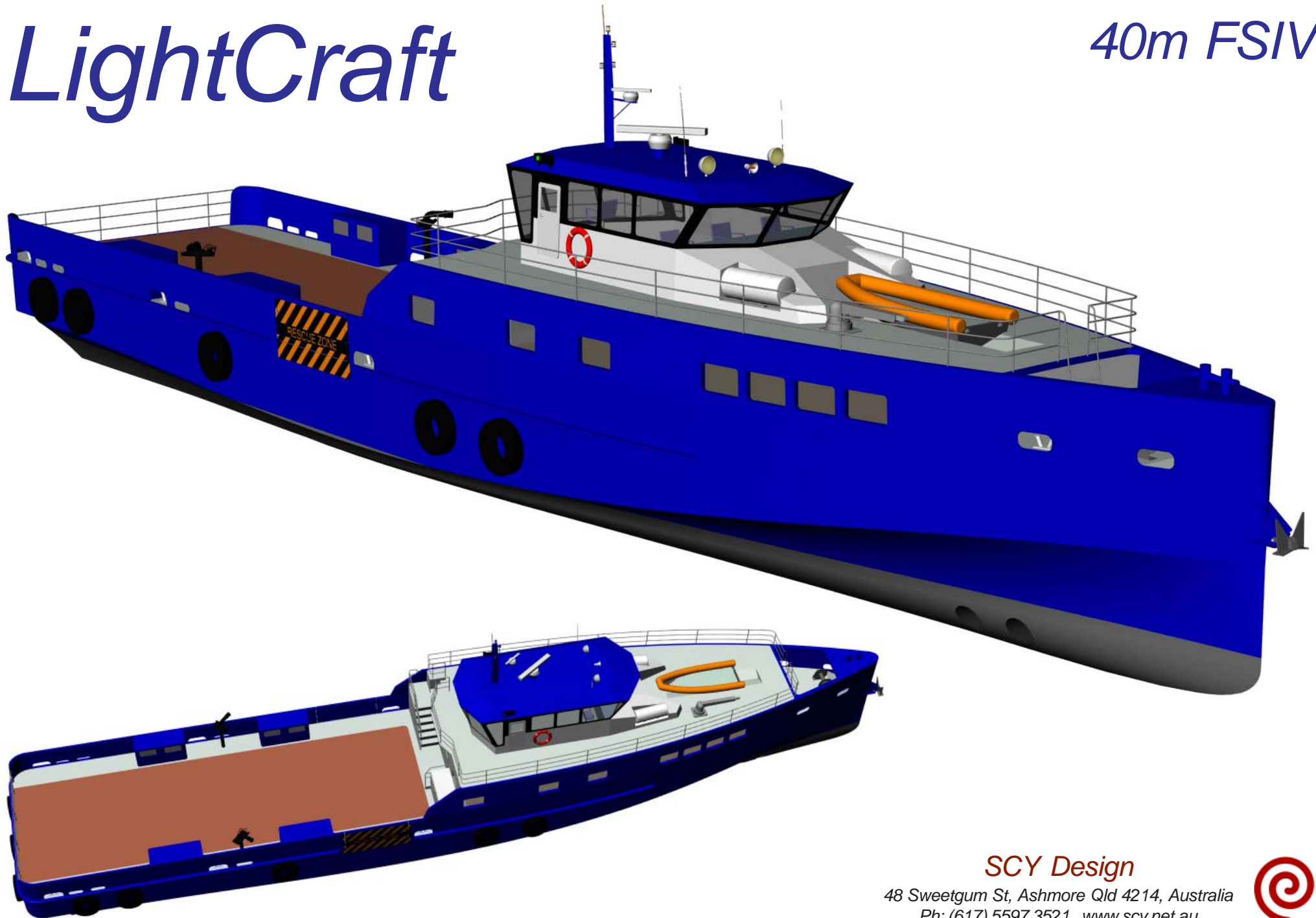


SCY Design

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

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40m FSIV



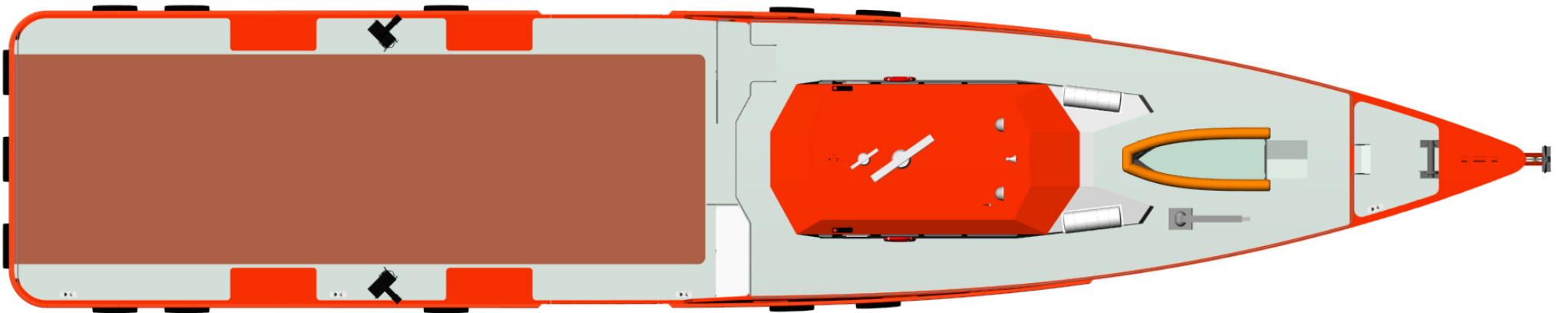
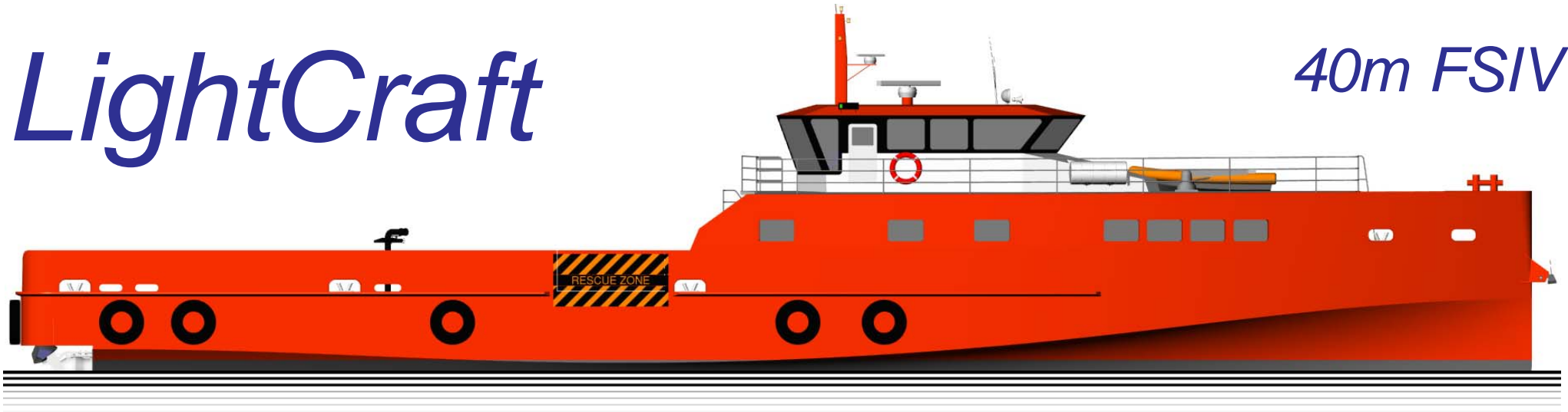
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40m FSIV



LOA : 42.0m
Lmoulded 40.0m
LWL : 40.0m
Beam : 8.0m
Draft : 1.2m
Fuel : 83250lts
Water : 17040lts

Passengers : 84+4
Crew : 8+2
Aft Deck Area: 146m²
Cargo Deck : 110m²
Deck Load : 75tm

Classification :
Lloyds ✕100A1 HSLC SSC
Workboat Mono, G3

Construction :
Marine Grade Aluminium

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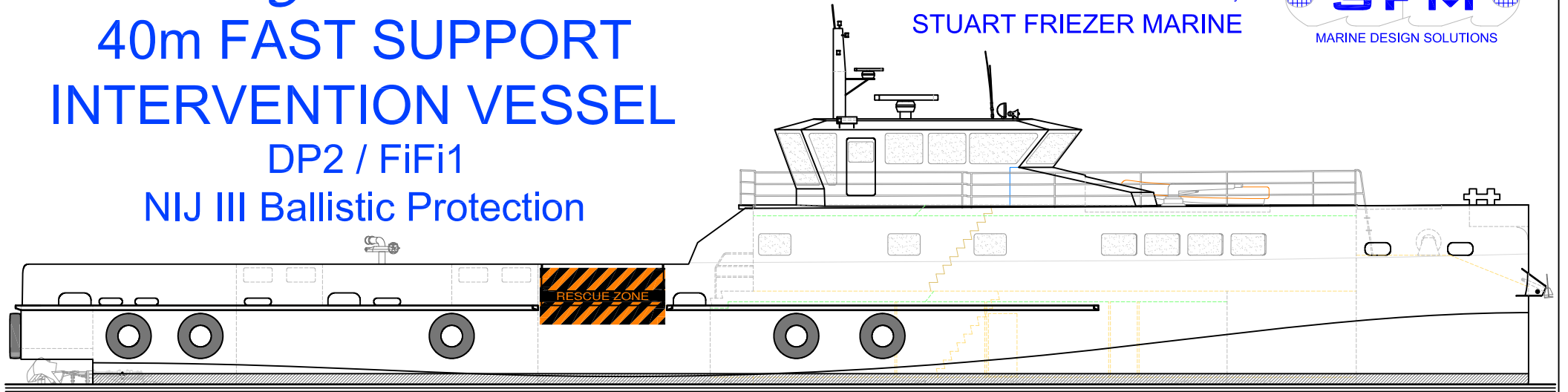
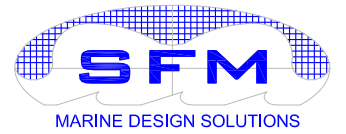


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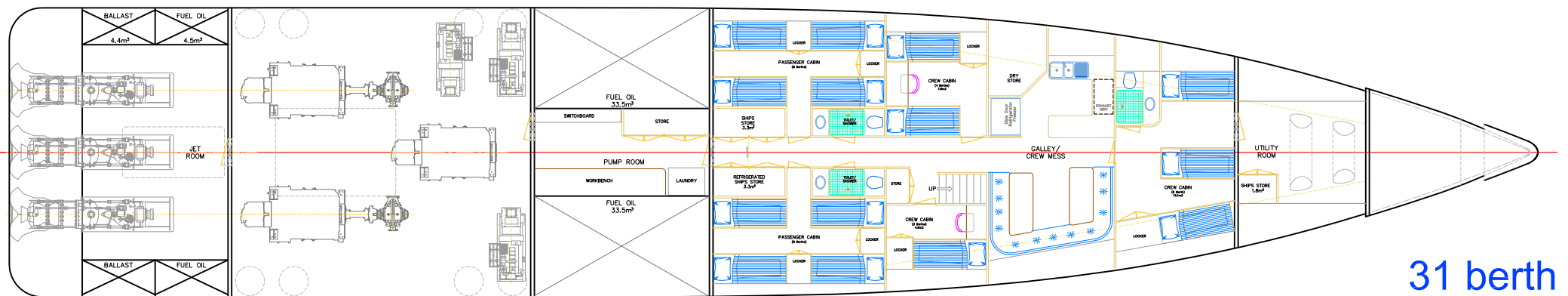
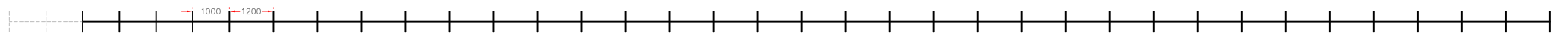
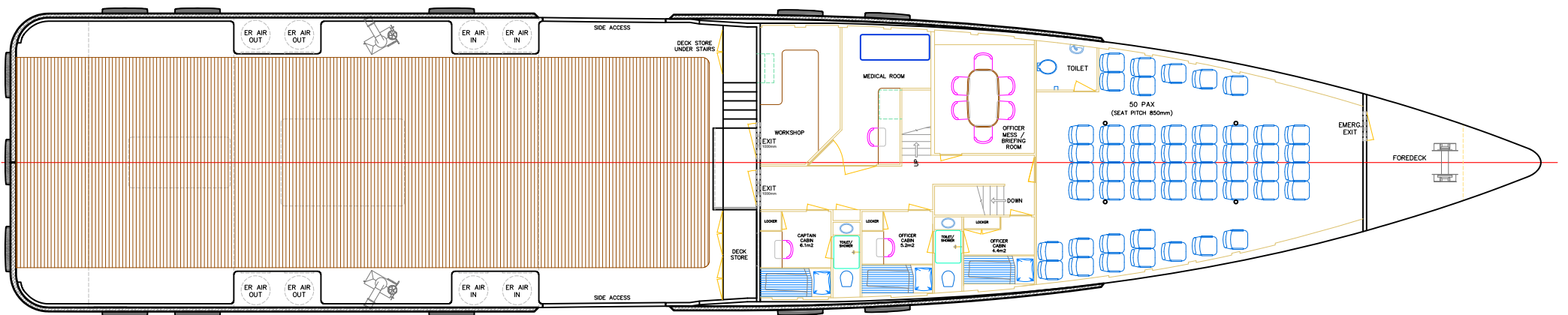
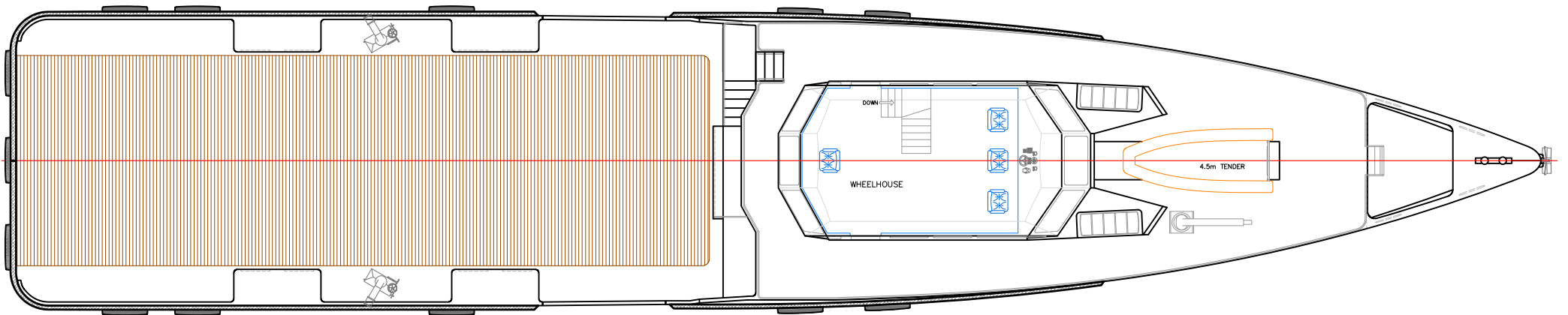
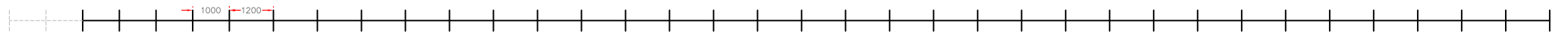
40m FAST SUPPORT INTERVENTION VESSEL

DP2 / FiFi1
NIJ III Ballistic Protection

Gmotion Hullform by:
STUART FRIEZER MARINE



FUEL OIL DAY TANK 2x3.6m³ FRESH WATER 2x8.5m³ BLACK/GREY WATER 2x1.2m³ BALLAST 2x4.0m³ BALLAST 2x0.9m³



31 berth

PRINCIPAL PARTICULARS

LOA: 42.0m
Lmoulded: 40.0m
LWL: 40.0m
Bmoulded: 8.0m
DEPTH: 3.4m
DRAFT: 1.2m
FUEL OIL (midships): 74230ltrs
FUEL OIL (aft): 9020ltrs
FRESH WATER: 17040ltrs
GREY WATER: 1230ltrs
BLACK WATER: 1230ltrs

MAIN ENGINE: 3 x Cummins KTA38A
1007kW @1900rpm
GEARBOX: ZF 3055
PROPULSION: 3 x Thrustmaster DJ260
AUXILLARY: 3 x Cummins 6BT5.9-D(M)
80kWe @ 1500rpm, 100kVa
BOW THRUSTER: 2 x Thrustmaster 24TT110
610mm, 82kW, 10kN Thrust
FIRE PUMP: 2 x Jason 1500m³/hr

PAYLOAD

CREW: 15
PASSENGERS SEATED: 50
PASSENGERS BERTHS: 16
AFT DECK AREA: 146m²
CLEAR DECK AREA: 110m²
CARGO DECK LOAD: 75t
BALLAST AFT: 8.8m³
BALLAST FWD: 9.9m³

SURVEY

CLASSIFICATION: Lloyds *100A1 SSC
Workboat Mono, G3
CONSTRUCTION: ALUMINIUM
BALLISTIC PROTECTION: NIJ Level III
(whs & pax accom.)
SPEED:
25t dwt. 100% MRC 29.8knots
25t dwt. 85% MRC 27.1knots
50t dwt. 100% MRC 27.0knots
50t dwt. 85% MRC 24.1knots
RANGE: 25t av dwt. 25knots, 11.7t fuel 590nm
RANGE: 56t av dwt. 12knots, 86.5t fuel 7530nm
ENDURANCE: loadcase as above, incl. 1 x genset at 24.6lt/hr 26days

LightCraft
aluminium workboats

VESSEL: 40m CREW BOAT	
TITLE: GENERAL ARRANGEMENT	
DWG No: 40FSIV-100	DATE: 24/11/2014
SCALE:	DRAWN: MDW

SCY Design
Consulting Naval Architects & Mechanical Engineers
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