LightCraft

Aluminium Shipbuilding



40m Crew Boat

SFM

STUART FRIEZER MARINE

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SCY Design

48 Sweetgum St, Ashmore Qld 4214, Australia

www.scy.net.au

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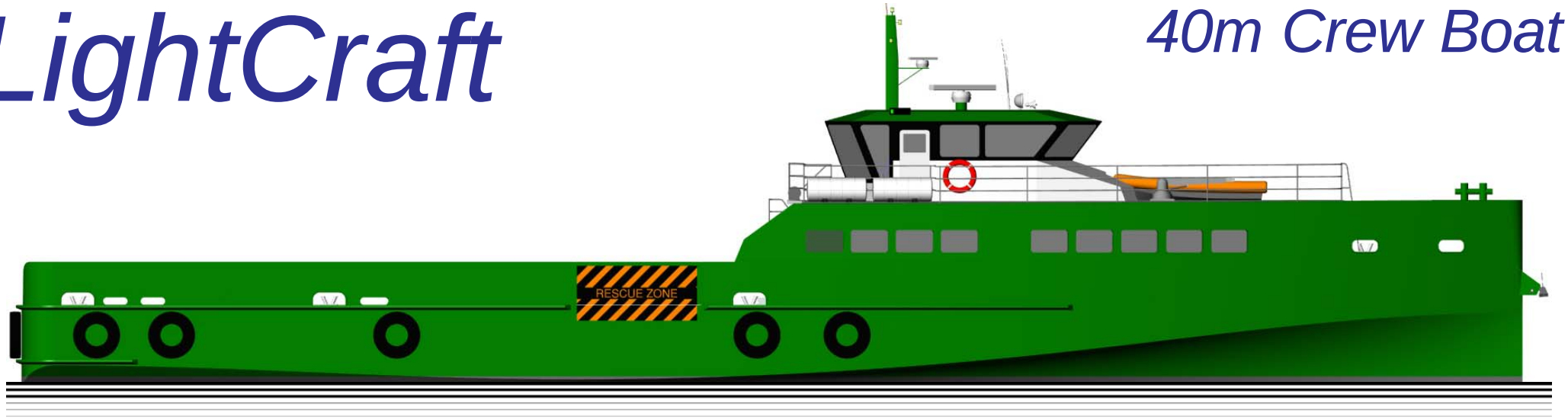
STUART FRIEZER MARINE

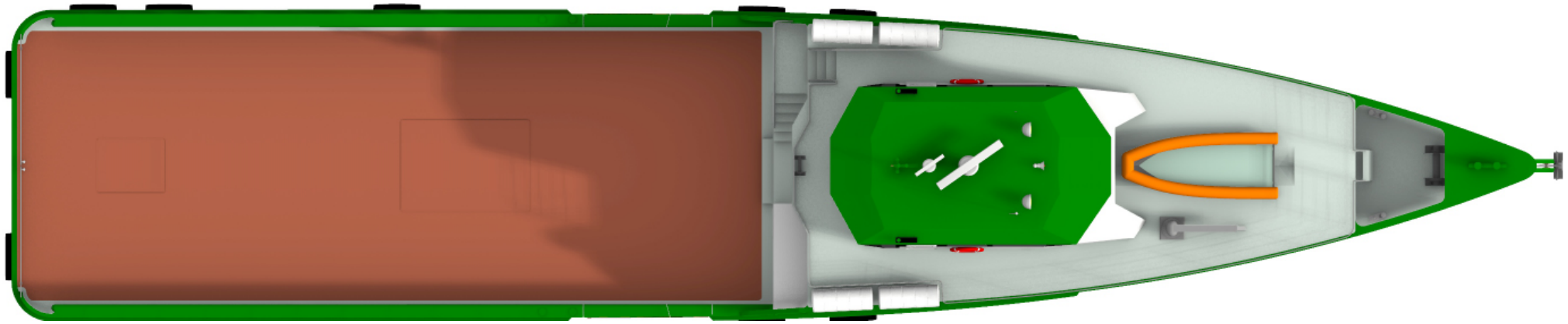
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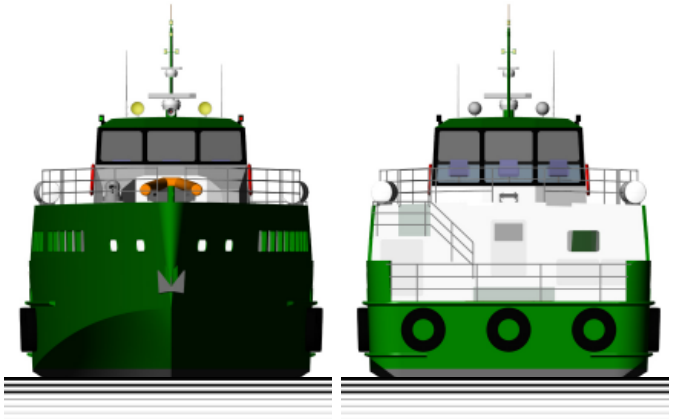
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LightCraft

40m Crew Boat







LOA :	40.6m	Passengers :	74+4	Classification :	
Lmoulded	40.0m	Crew :	8+2	DNVGL ✠1A1 HSLC	
LWL :	40.0m	Aft Deck Area:	146m2	R2 Crew	
Beam :	8.0m	Cargo Deck :	138m2		
Draft :	1.2m	Deck Load :	75t	Construction :	
Fuel :	82100lts			Marine Grade Aluminium	
Water :	4100lts				

SCY Design

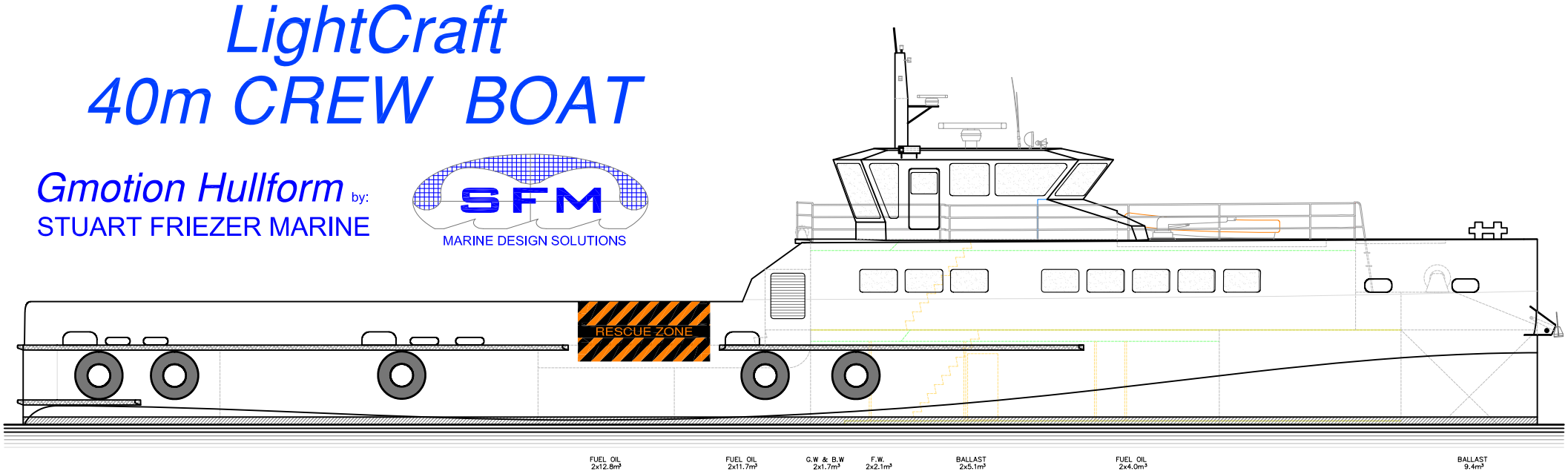
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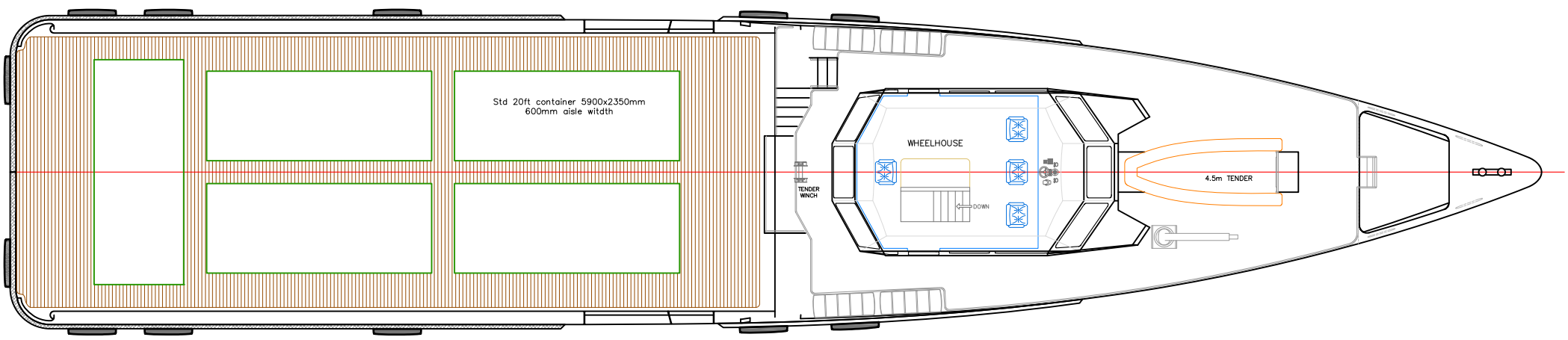
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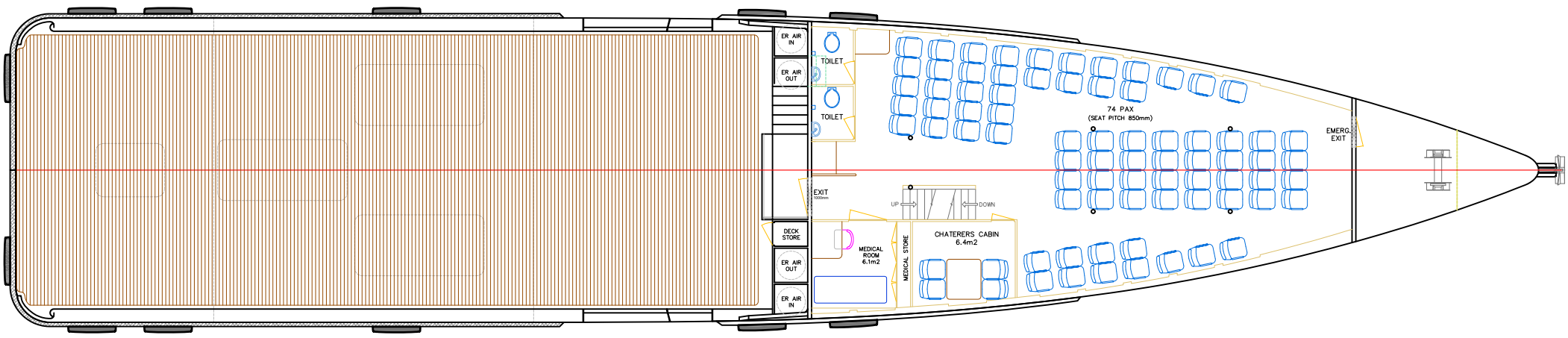
LightCraft
40m CREW BOAT

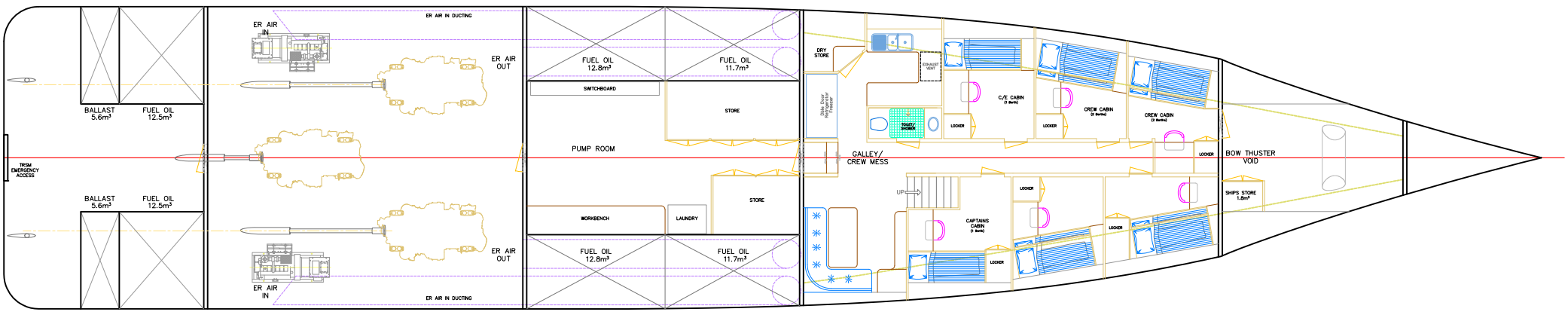
Gmotion Hullform by:
STUART FRIEZER MARINE

SFM
MARINE DESIGN SOLUTIONS









PRINCIPAL PARTICULARS

LOA:	41.0m
Lmoulded:	40.0m
LWL:	40.0m
Bmoulded:	8.0m
DEPTH:	3.4m
DRAFT (hull):	1.2m
DRAFT (max):	1.8m
FUEL OIL:	82100ltrs
FRESH WATER:	4100ltrs
GREY WATER:	1510ltrs
BLACK WATER:	1510ltrs

MACHINERY

MAIN ENGINE:	3 x Cat C32 Acert
	1080kW @ 2300rpm
GEARBOX:	ZF 3055
PROPULSION:	3 x FPP
AUXILLARY:	2 x CAT C4.4
	107kVa @ 1500rpm
BOW THRUSTER:	Thrustmaster 24TT110
	610mm, 82kW, 10kN Thrust

PAYLOAD

PASSENGERS:	74+4
CREW:	8+2
AFT DECK AREA:	146m2
CLEAR DECK AREA:	138m2
CARGO DECK LOAD:	75t
BALLAST AFT:	11.2m³
BALLAST MID:	10.1m³
BALLAST FWD:	9.4m³

SURVEY

CLASSIFICATION:	DNVGL ✠1A1 HSLC R2 Crew
CONSTRUCTION:	ALUMINIUM
SPEED:	
25t dwt. 100% MRC	32.2knots
25t dwt. 85% MRC	30.2knots
50t dwt. 100% MCR	30.3knots
50t dwt. 85% MCR	28.0knots
RANGE: 25t dwt. 25knots, 13.7t fuel	720nm
RANGE: 54t avg dwt. 12knots, 85t fuel	7840nm
ENDURANCE: loadcase as above, incl. genset at 24.6lt/hr	27days

LightCraft
aluminium workboats

VESSEL: 40m CREW BOAT
TITLE: GENERAL ARRANGEMENT – INDO SPEC
DWG No: 40C-100 | DATE: 12/4/2016 | SCALE: | DRAWN: MDW

SCY Design
Consulting Naval Architects & Mechanical Engineers
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www.scy.net.au

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