

LightCraft

12m Coastal Patrol



SCY Design

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



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12m Patrol Boat



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12m Patrol Boat

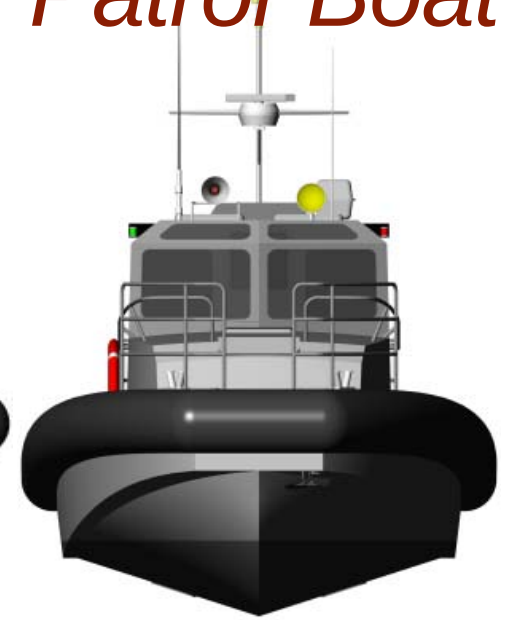


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LightCraft

12m Patrol Boat



LOA : 13.3m
Lmoulded: 11.9m
LWL : 11.3m
Beam : 4.1m
Bmoulded : 3.6m
Draft : 0.60m
Deadrise: 18deg.

Class Standard :
DNV R2 Patrol
Survey: USL 2C
12+2

Ballistic Protection:
NIJ Level III Deckhouse

Fender:
45mm EVA foam coated with
4mm Elastomeric Polyurethane

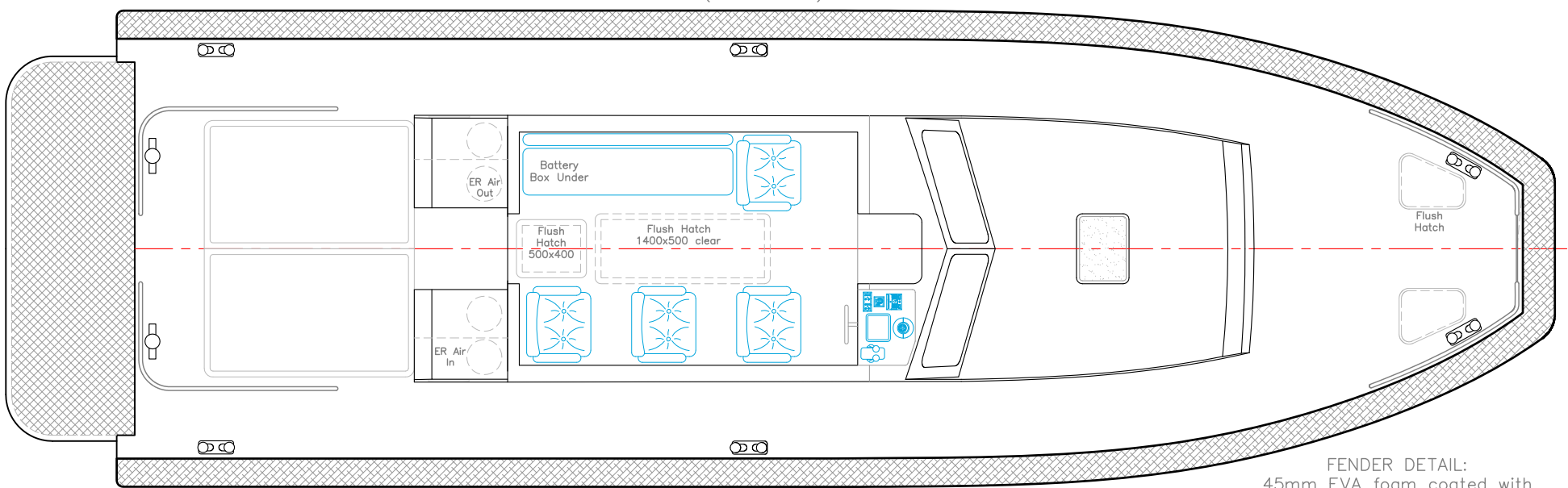
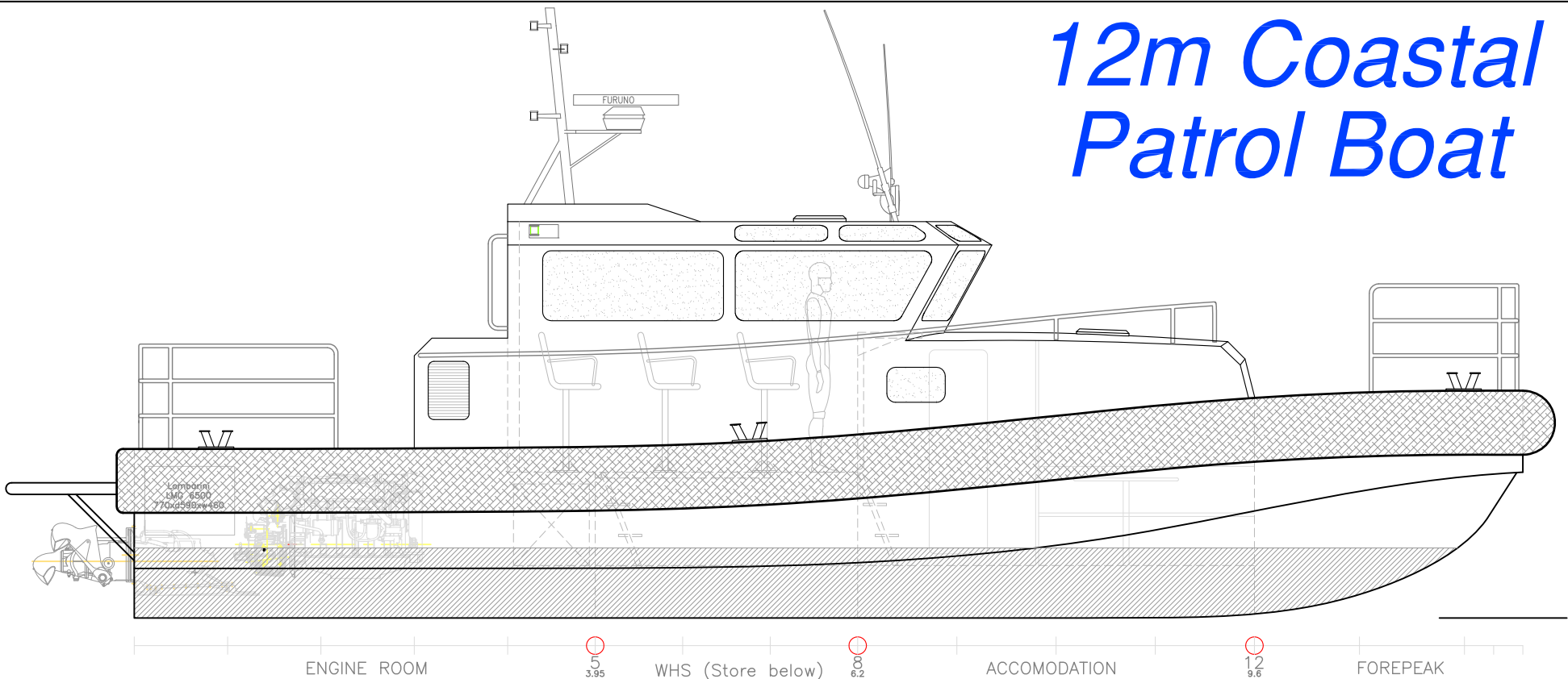
Construction :
Marine Grade Aluminium



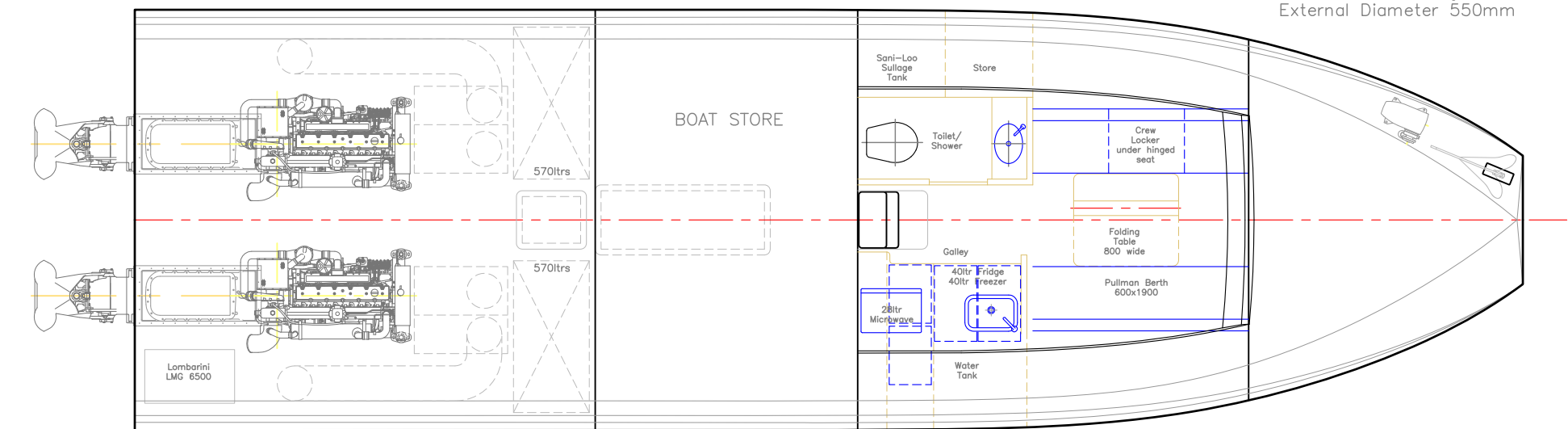
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12m Coastal Patrol Boat



FENDER DETAIL:
45mm EVA foam coated with
4mm Elastomeric Polyurethane
External Diameter 550mm



CLASS STANDARD:
DNV R2

SURVEY: USL 2C
12+2 Offshore Operations 30nm

LOA: 13.3m
Lmoulded: 11.9m
LWL: 11.3m
BEAM: 4.1m
Bmoulded: 3.6m Bchine: 3.35m
DRAFT: 0.6m A frontal: 9.8m2
DEADRISE: 18deg.
FUEL: 2x560ltrs

MAIN ENGINES: 2 x Cummins QSC500
368kW @ 2600rpm
GEARBOX: 2 x ZF280-1
PROPULSION: 2 x HJ292 Waterjet

SPEED-max: 38knots
SPEED-cruise: 25knots
RANGE-cruise: 290nm

CONSTRUCTION:
MARINE GRADE ALUMINIUM

LightCraft
aluminium workboats

VESSEL: 12m Coastal Patrol Boat

TITLE: GENERAL ARRANGEMENT

DWG No: 12CP-100

DATE: 8/8/2011

SCALE:

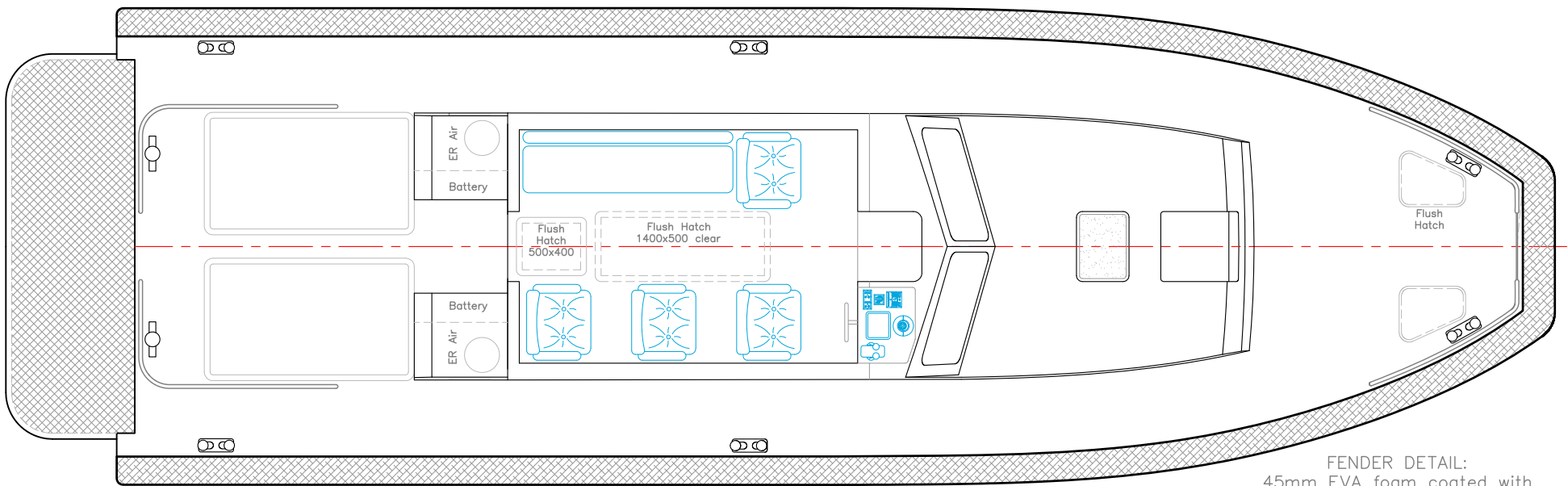
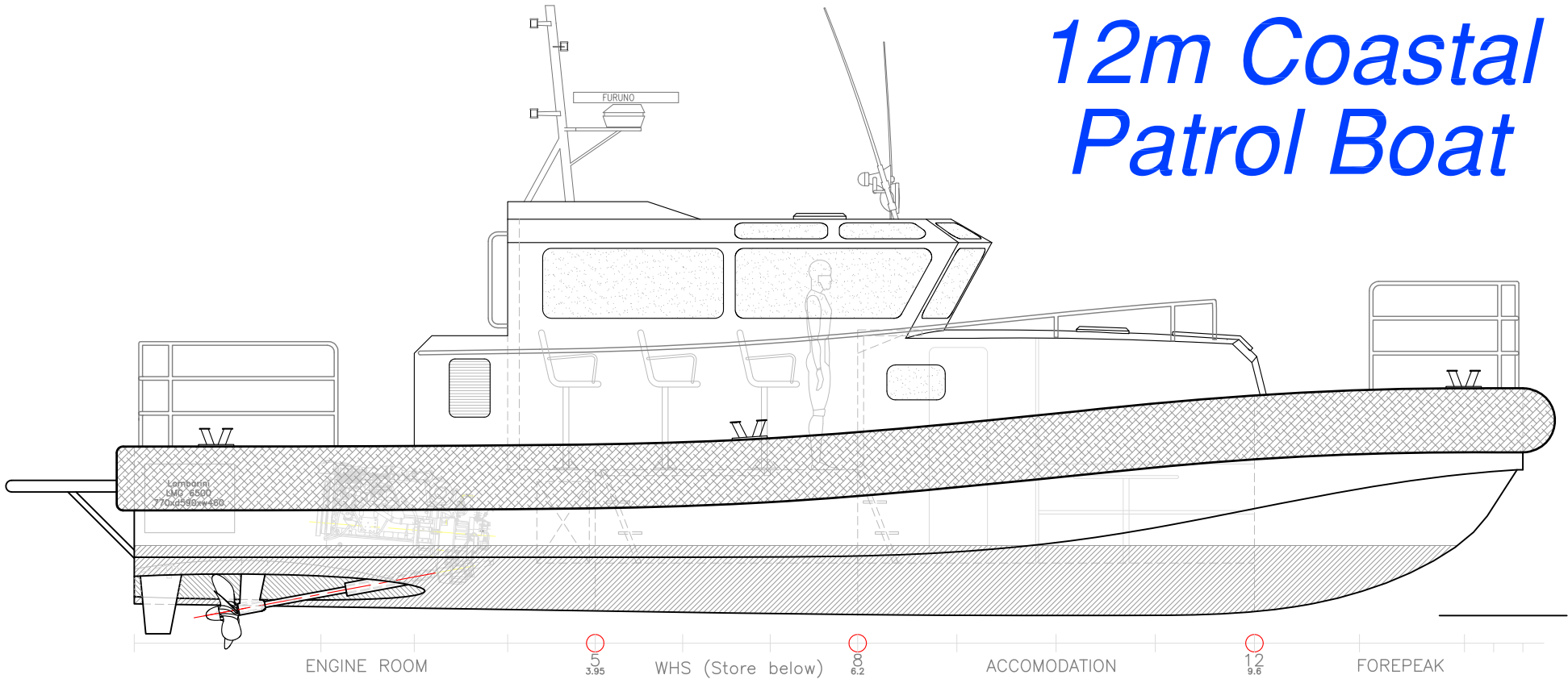
DRAWN: MDW

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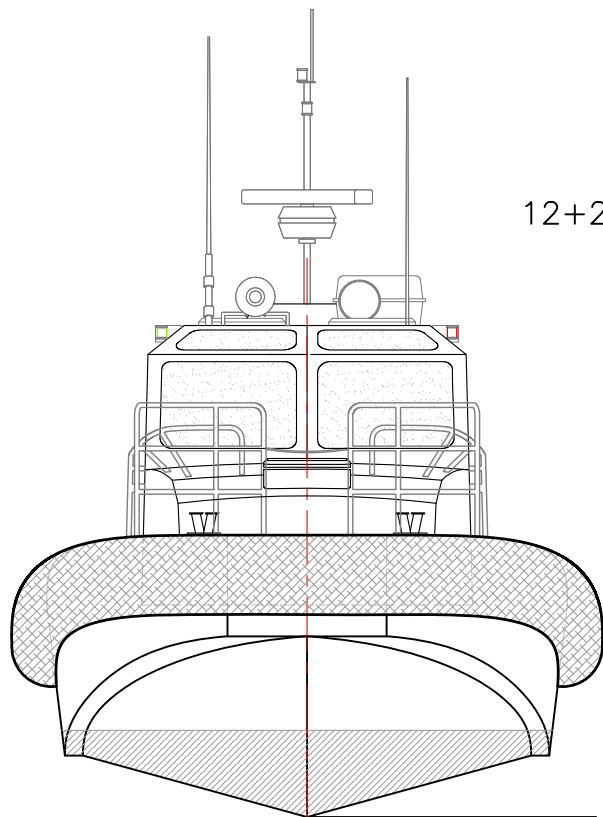
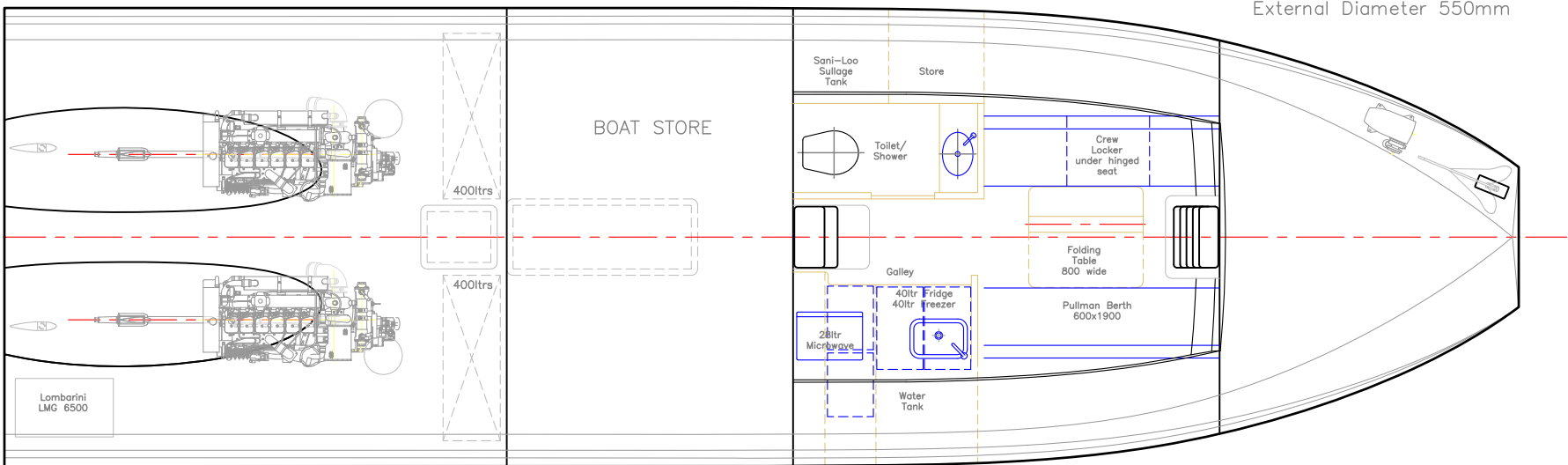
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48 Sweetgum St, Ashmore, Queensland 4214, Australia
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12m Coastal Patrol Boat



FENDER DETAIL:
45mm EVA foam coated with
4mm Elastomeric Polyurethane
External Diameter 550mm



CLASS STANDARD:
DNV R2

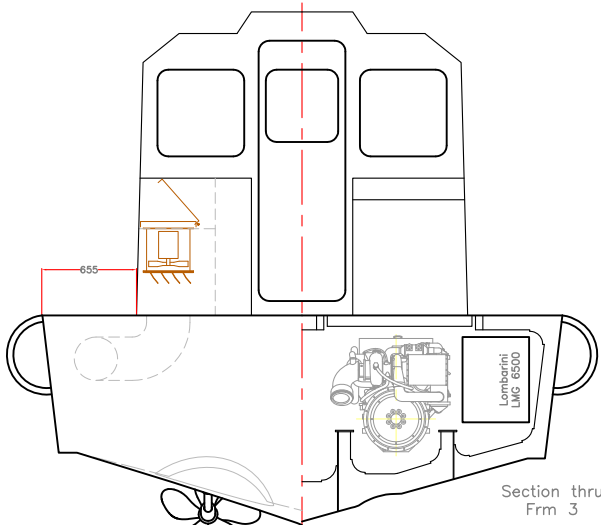
SURVEY: USL 2C
12+2 Offshore Operations 30nm

LOA: 13.3m
Lmoulded: 11.9m
LWL: 11.3m
BEAM: 4.1m
Bmoulded: 3.6m Bchine: 3.35m
DRAFT: 0.85m A frontal: 9.8m²
DEADRISE: 16deg.
FUEL: 2x400lts

MAIN ENGINES: 2 x Cummins QSB425
313kW @ 3000rpm Int
GEARBOX: 2 x ZF302 IV (1:1.651)
PROPELLER: 2 x 22"

SPEED-max: 34knots
SPEED-cruise: 25knots
RANGE-cruise: 190nm

CONSTRUCTION:
MARINE GRADE ALUMINIUM



LightCraft
aluminium workboats

VESSEL: 12m Coastal Patrol Boat

TITLE: GENERAL ARRANGEMENT

DWG No: 12PP-P100

DATE: 14/7/2009

SCALE:

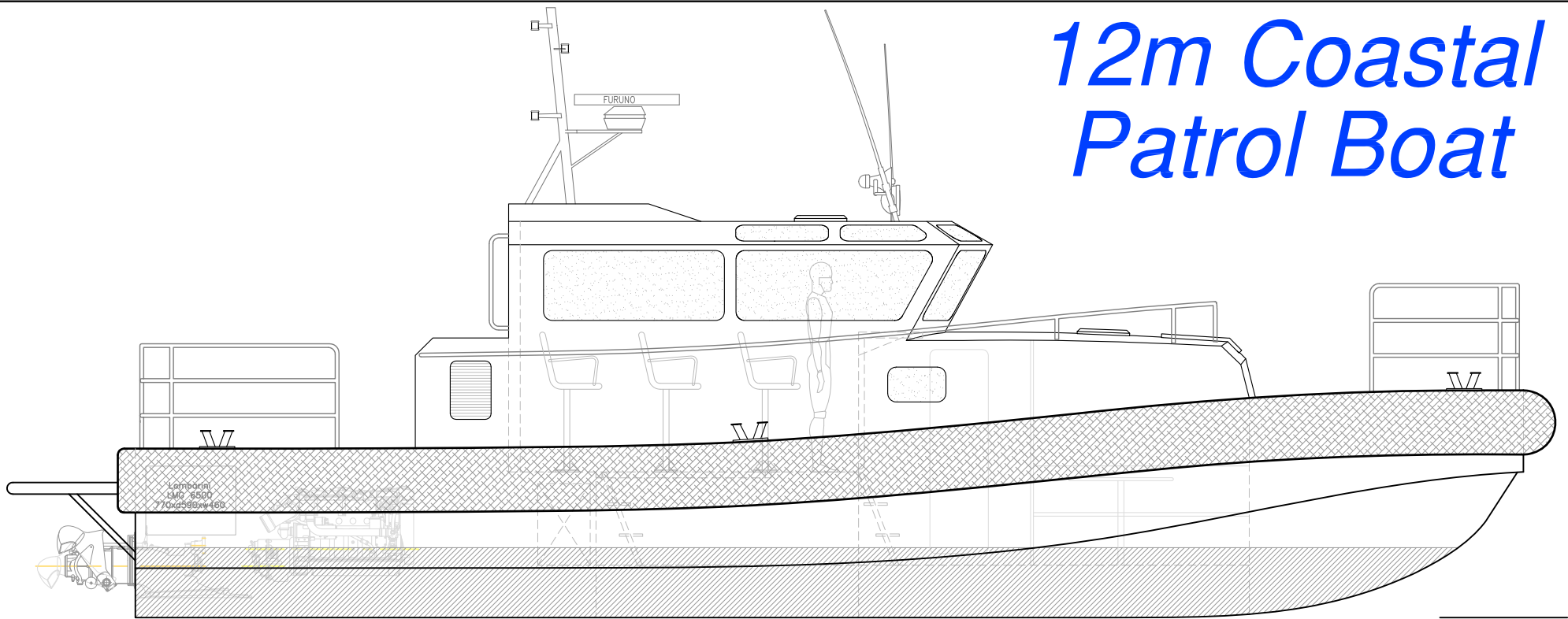
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12m Coastal Patrol Boat



ENGINE ROOM

5
3.95

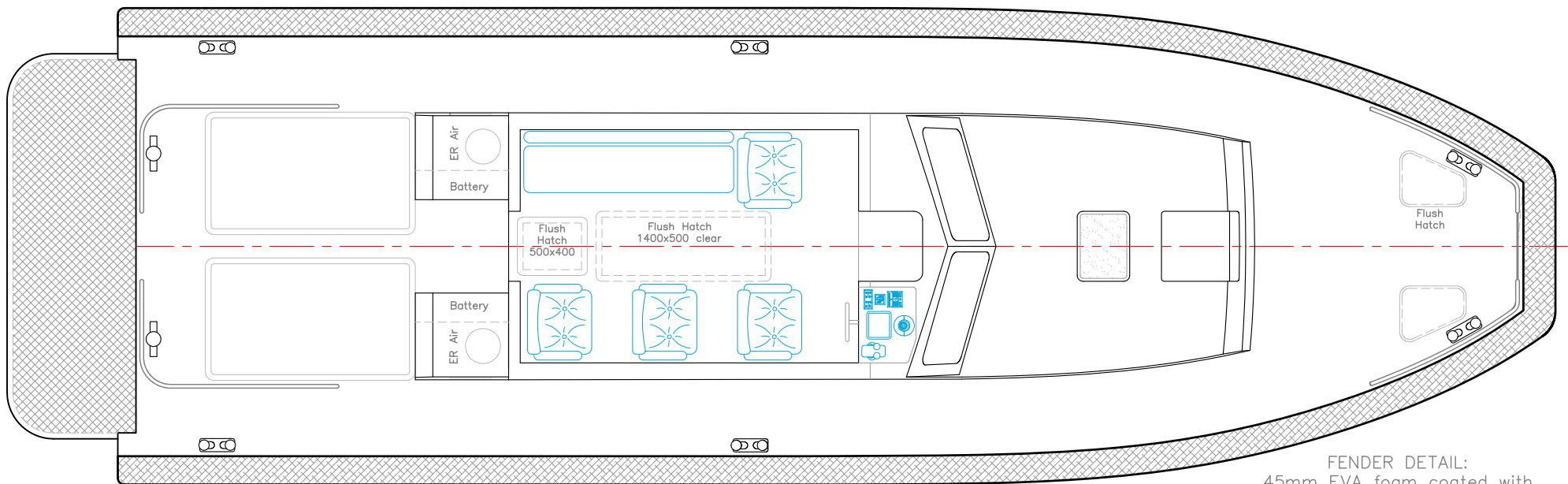
WHS (Store below)

8.2

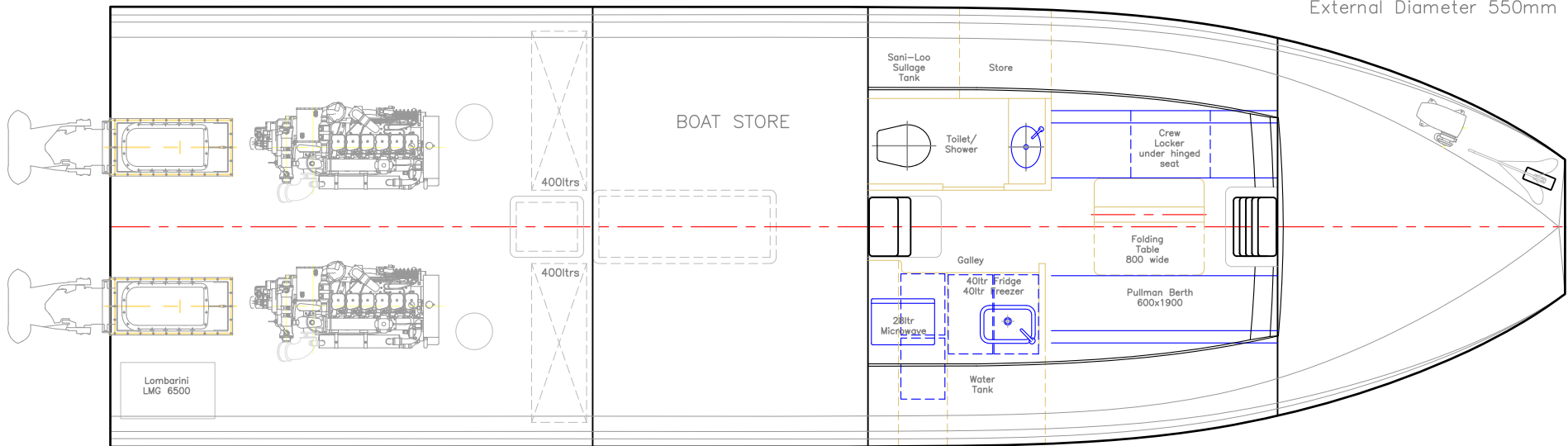
ACCOMODATION

12
9.6

FOREPEAK



FENDER DETAIL:
45mm EVA foam coated with
4mm Elastomeric Polyurethane
External Diameter 550mm



CLASS STANDARD:
DNV R2

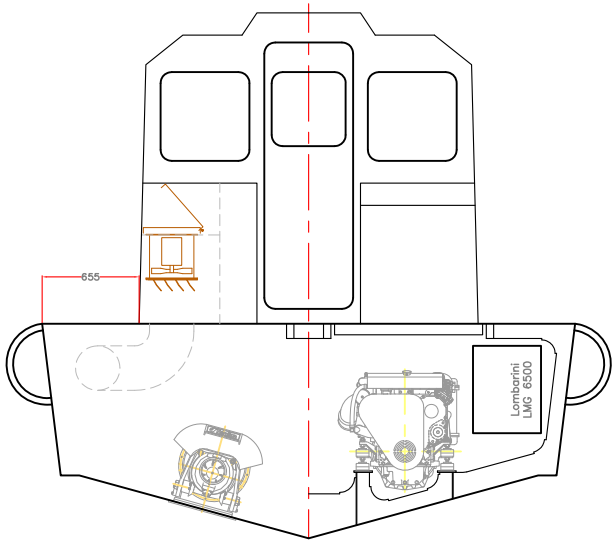
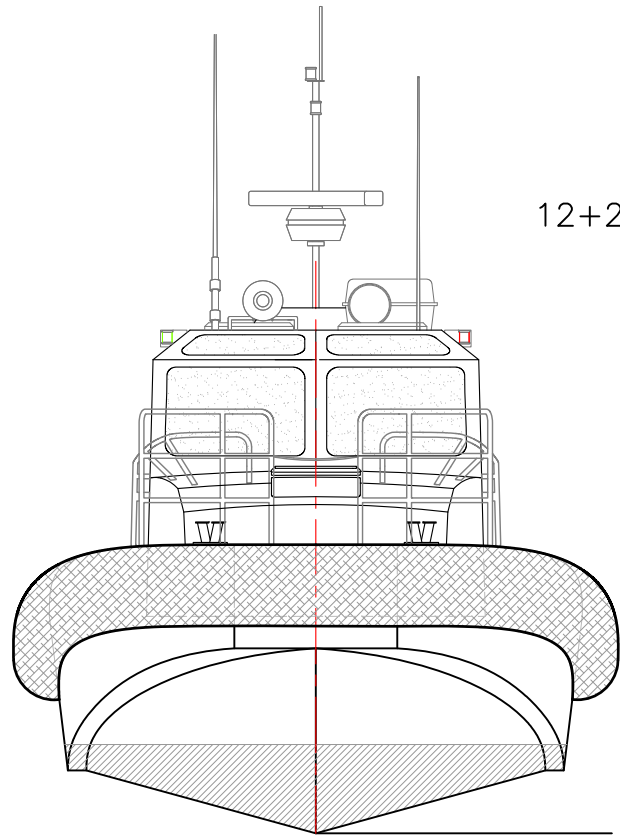
SURVEY: USL 2C
12+2 Offshore Operations 30nm

LOA: 13.3m
Lmoulded: 11.9m
LWL: 11.3m
BEAM: 4.1m
Bmoulded: 3.6m Bchine: 3.35m
DRAFT: 0.6m A frontal: 9.8m²
DEADRISE: 18deg.
FUEL: 2x400lts

MAIN ENGINES: 2 x Cummins QSB425
313kW @ 3000rpm Int
GEARBOX: 2 x ZF280-1 (1:1)
PROPULSION: 2 x HJ274 Waterjet

SPEED-max: 36knots
SPEED-cruise: 25knots
RANGE-cruise: 200nm

CONSTRUCTION:
MARINE GRADE ALUMINIUM



LightCraft
aluminium workboats

VESSEL: 12m Coastal Patrol Boat

TITLE: GENERAL ARRANGEMENT

DWG No: 12PP-W100

DATE: 14/7/2009

SCALE:

DRAWN: MDW

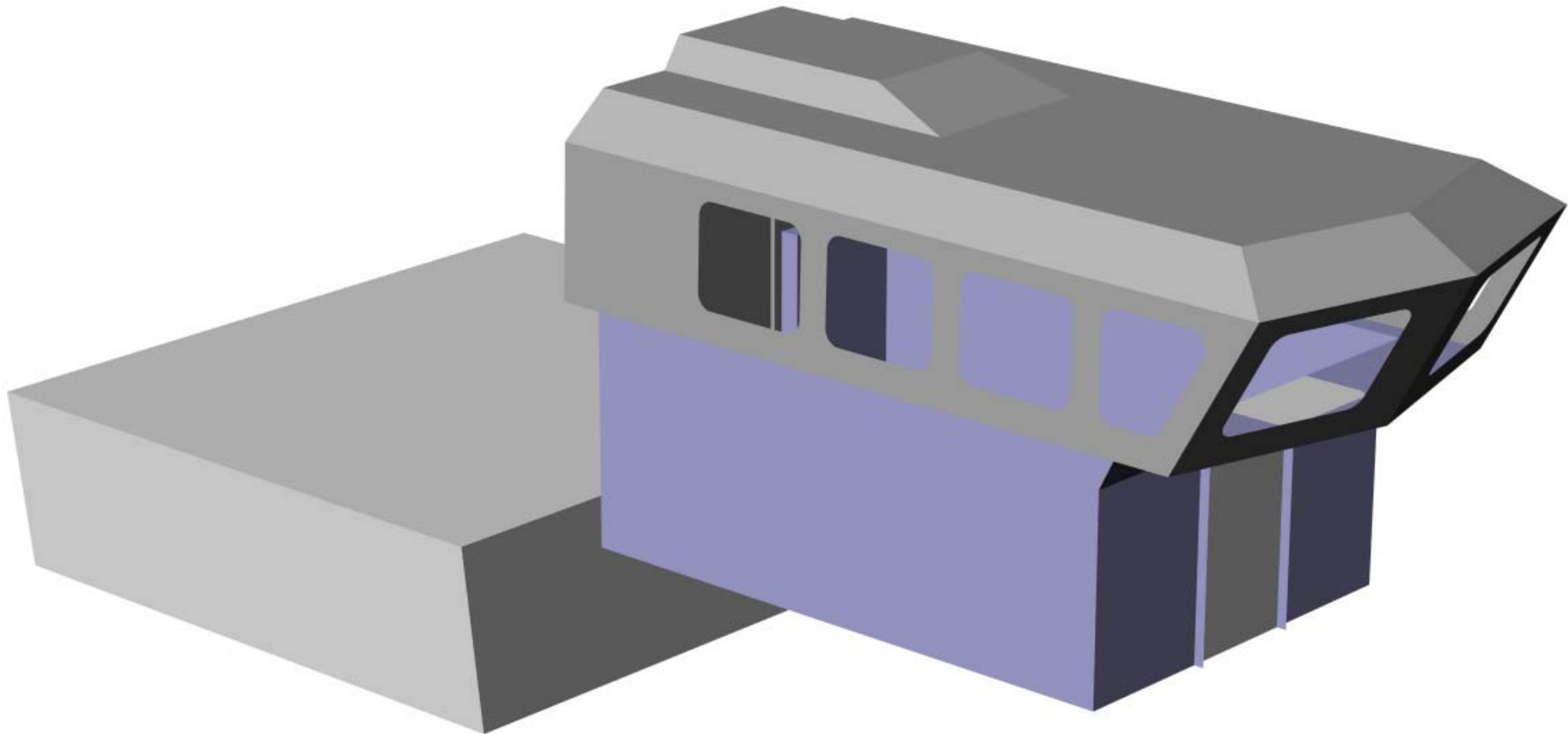
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Ballistic Protection Summary

NIJ Level III

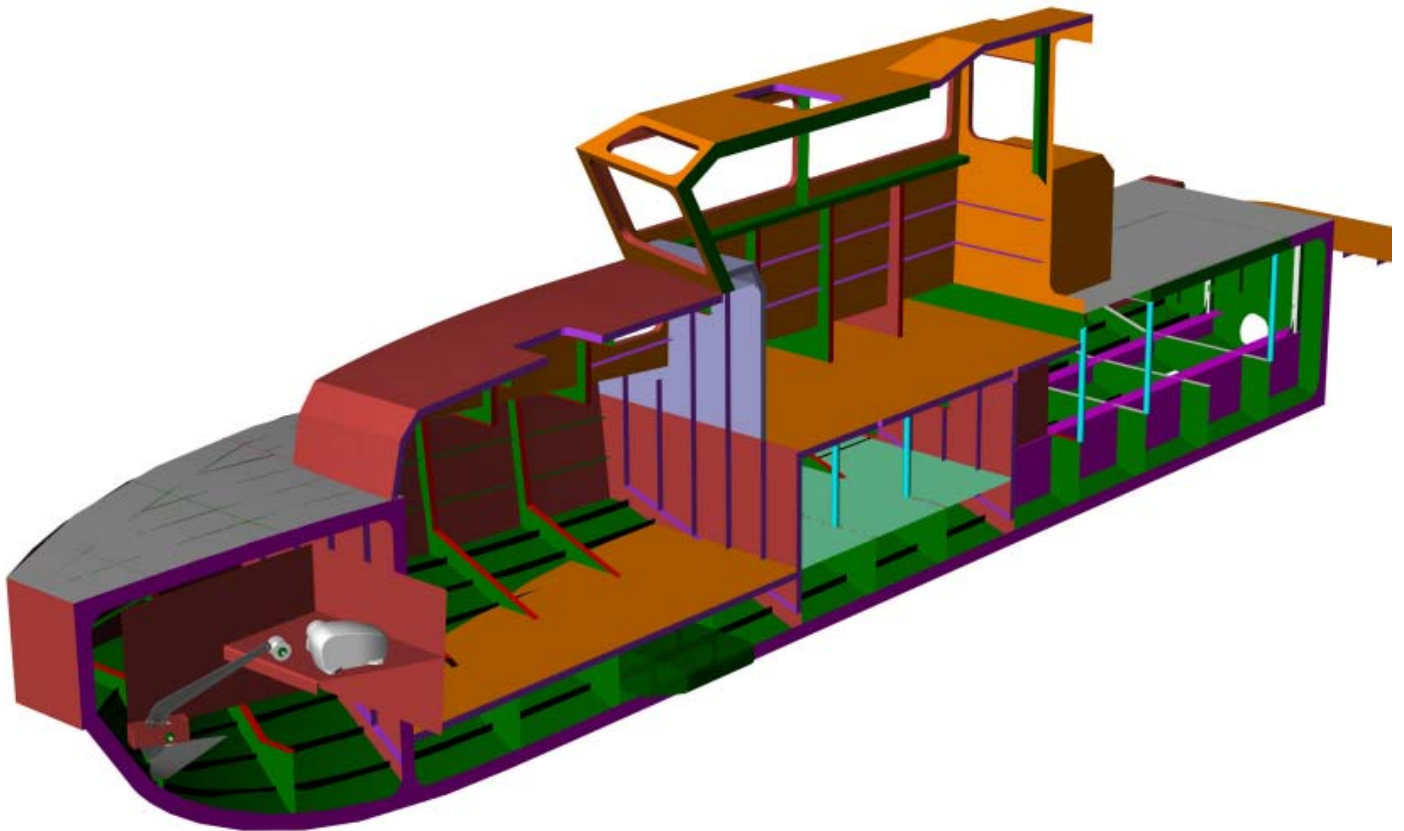
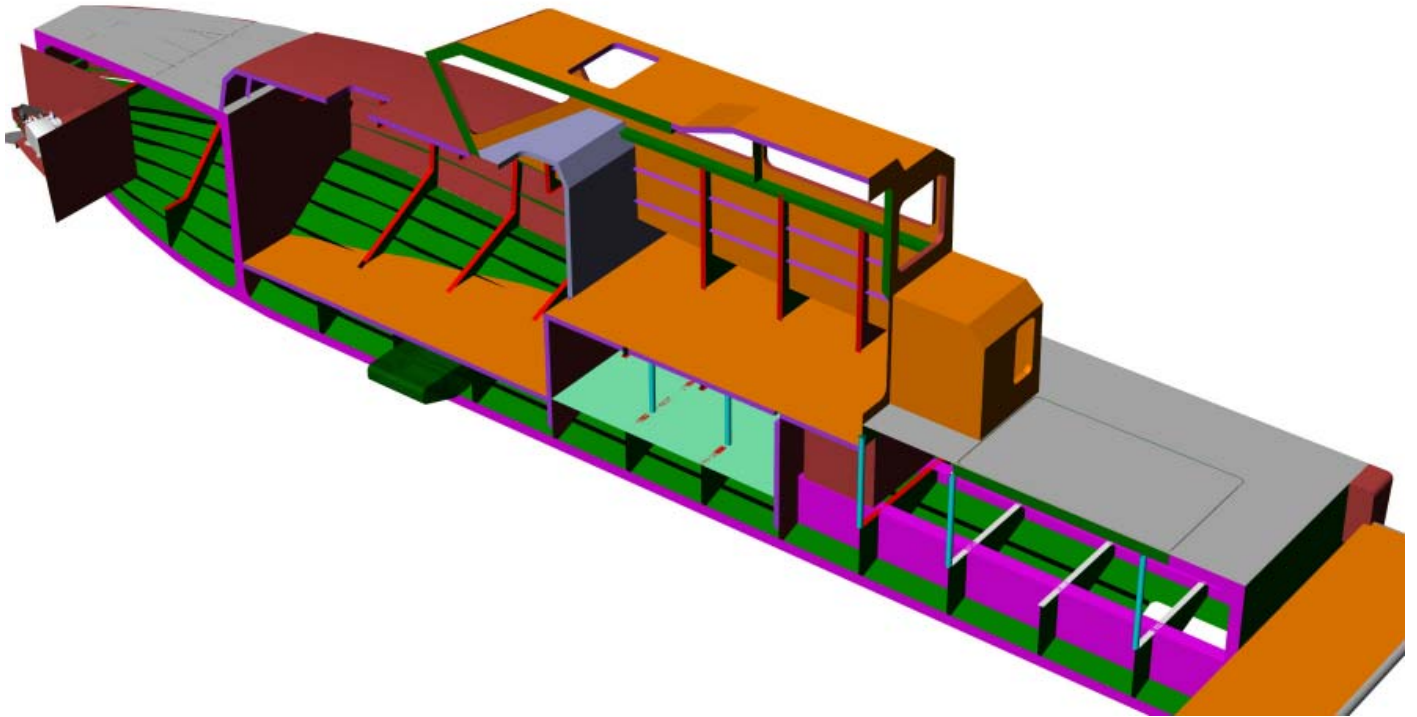
	Area	kg/m2	kg
Deckhouse Sides, Bhds & Roof	30.2	19	573
Deckhouse Floor	5.9	19	112
Glass	3.5	82	288
Engine Room to chine	24.3	19	462

Upgraded ballistic protection to NIJ Level IV available for critical zones

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12m Coastal Patrol Structural Arrangement

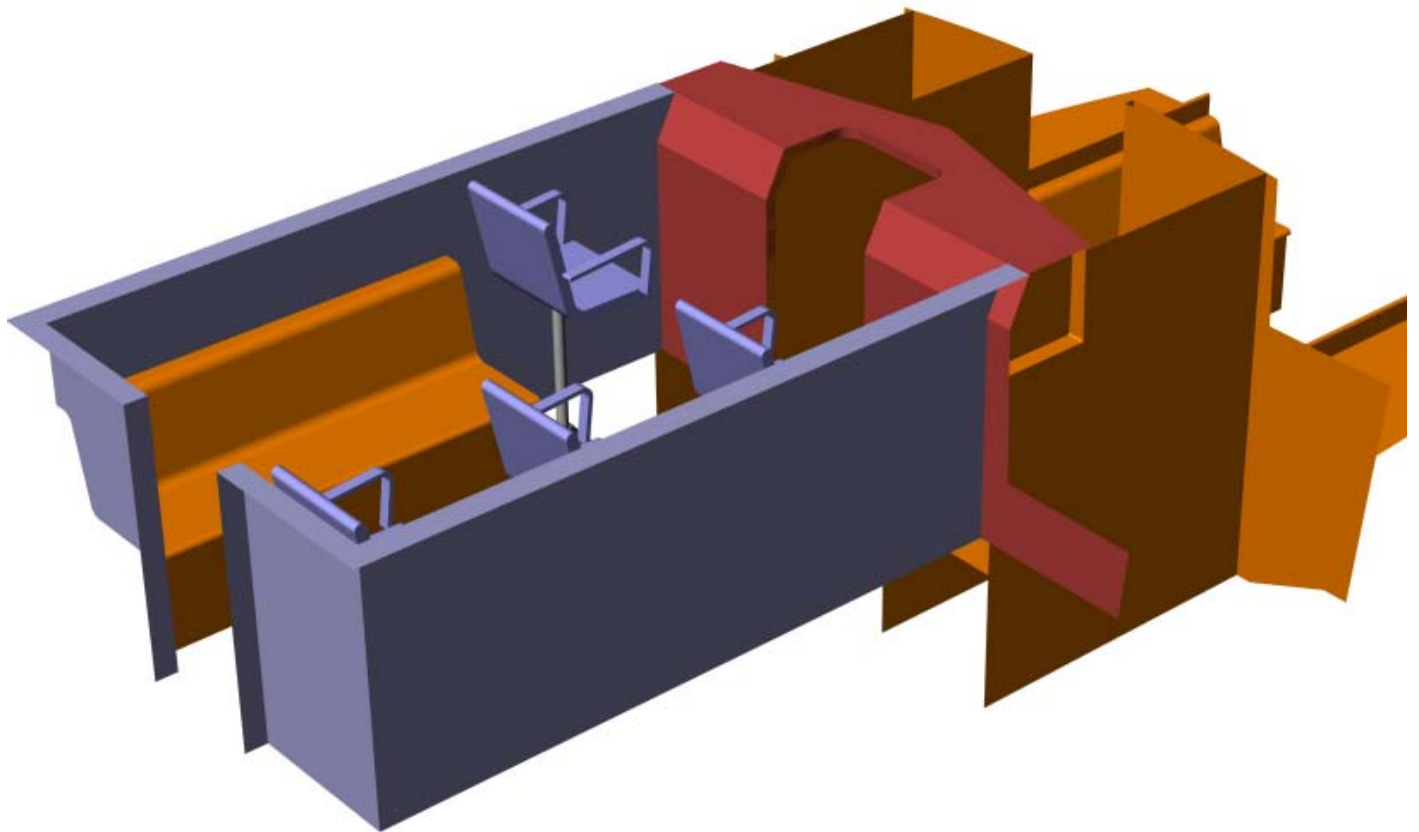
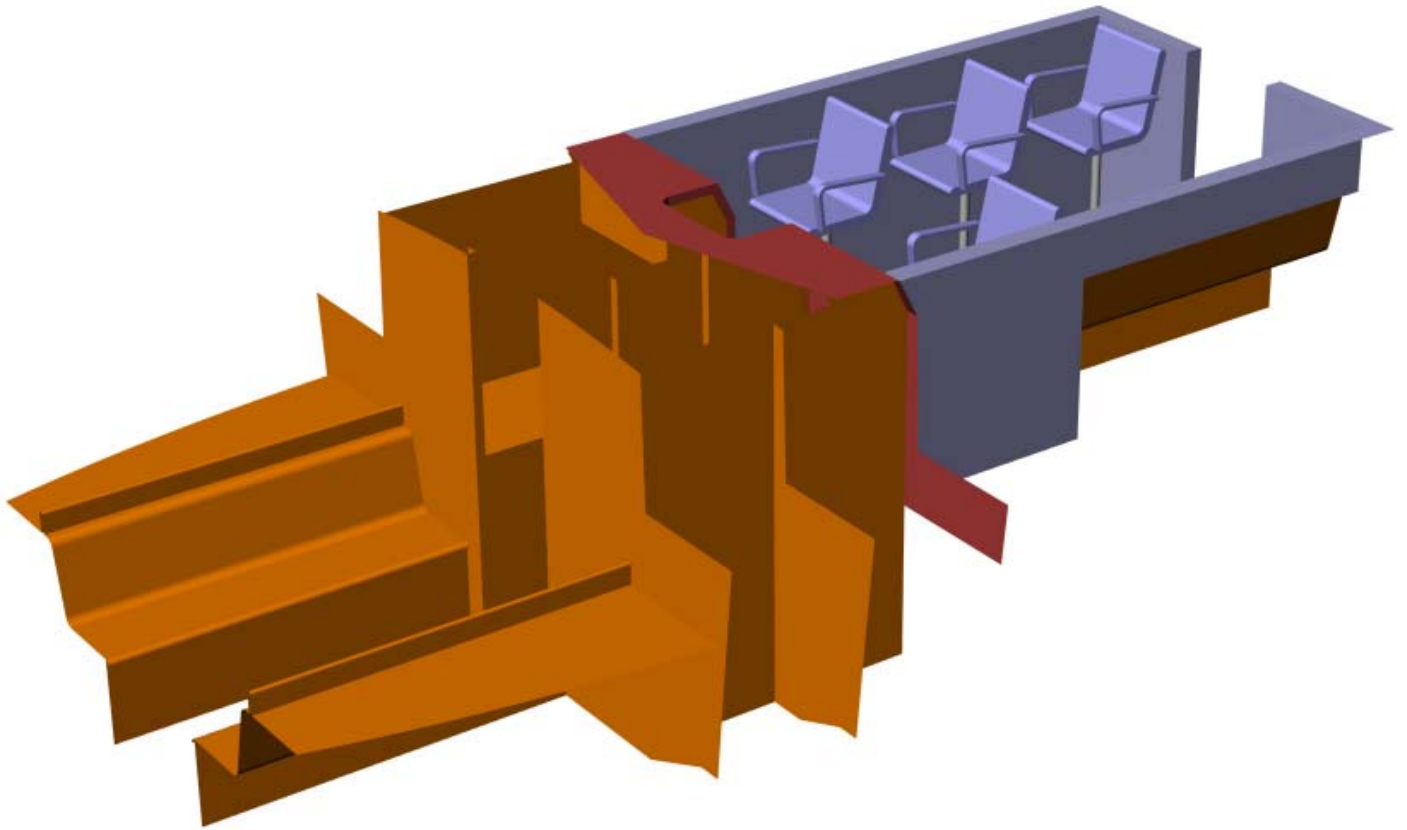


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12m Coastal Patrol Fitout Arrangement



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