

LightCraft

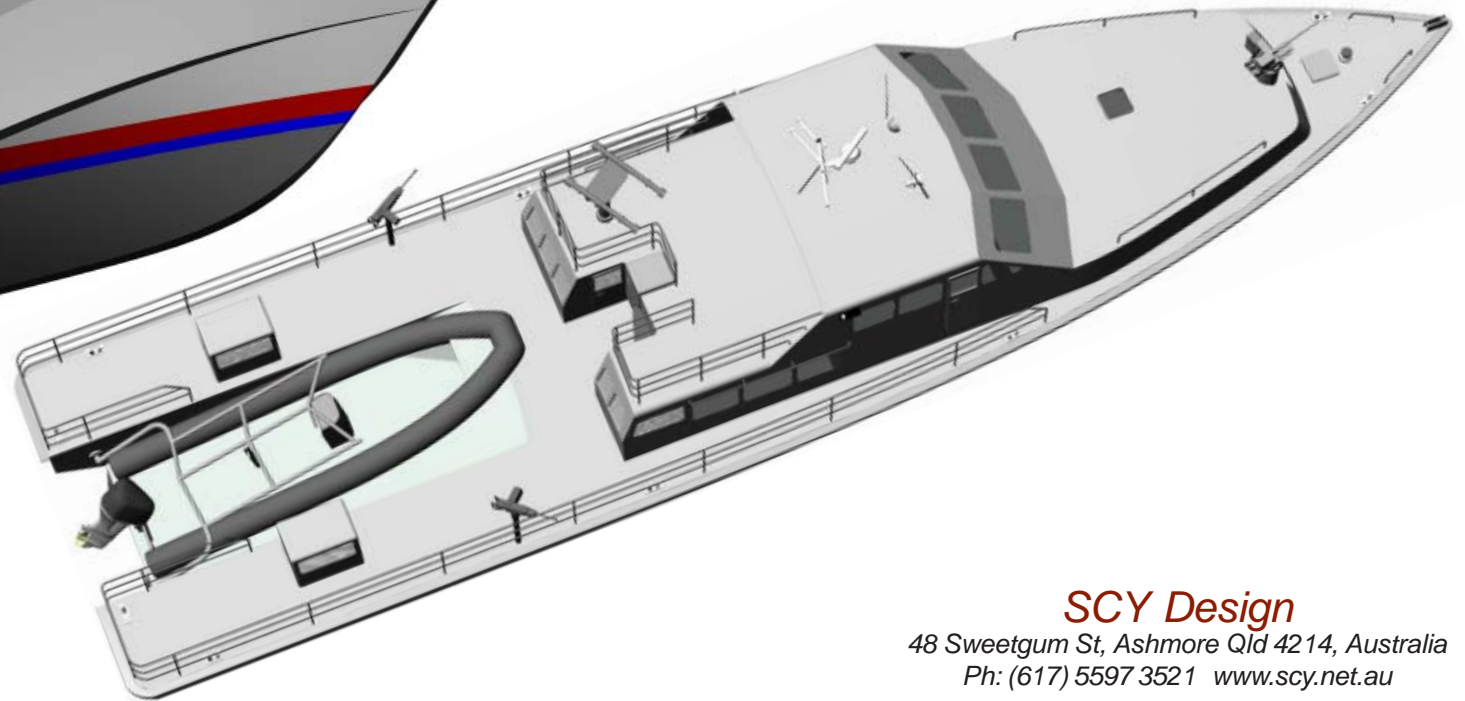
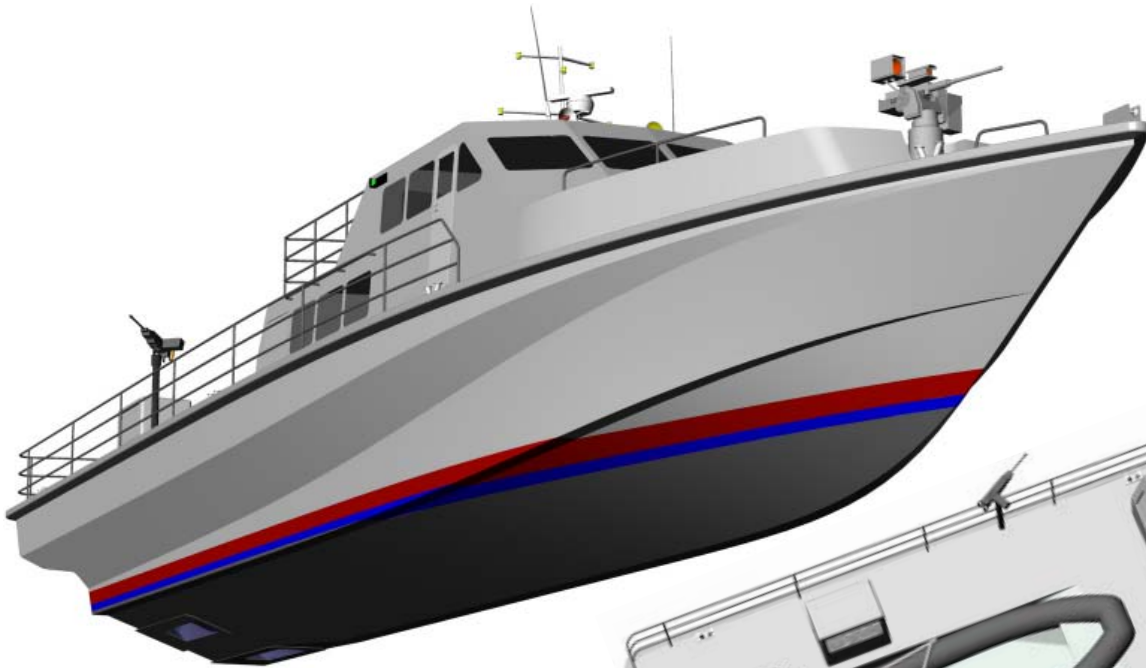
26m Fast Patrol



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

LightCraft

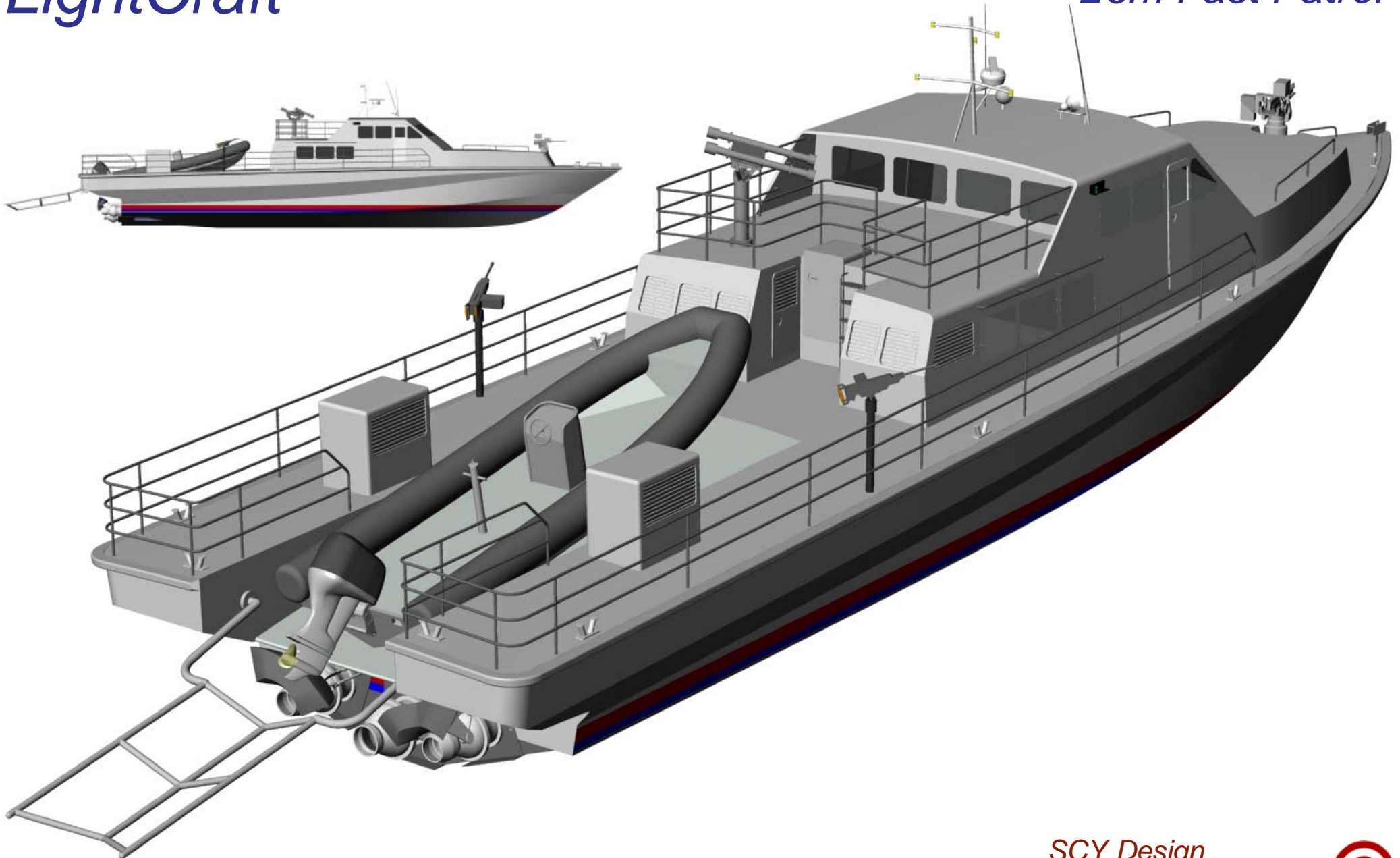
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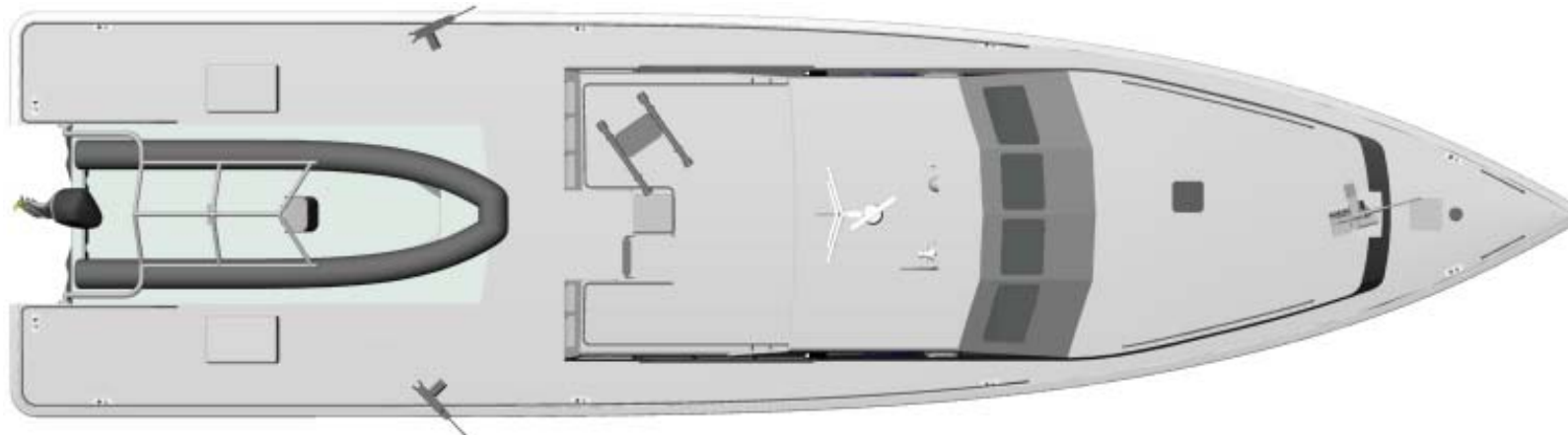
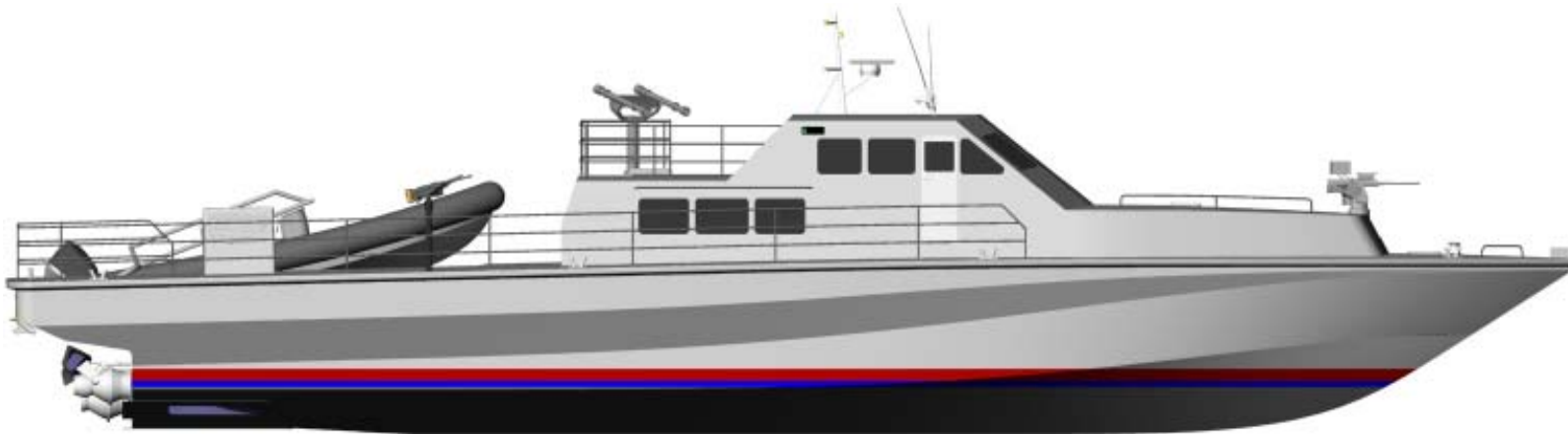


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LightCraft

26m Fast Patrol



LOA : 26.2m
Lmoulded: 24.2m
LWL : 20.8m
Beam : 6.5m
Draft : 1.0m

Classification :
DNV ✕1A1 HSLC R3 PATROL

Construction :
Marine Grade Aluminium



SCY Design

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26m FAST INRERCEPTOR

11 Crew, 17 Day Pax

LOA: 26.2m
 Lmoulded: 24.2m
 LWL: 20.8m
 BEAM: 6.5m
 Bchine: 4.9m
 DRAFT: 1.0m
 DEADRISE: 20deg
 FUEL: 10000lts
 WATER: 600lts
 SULLAGE: 300lts

MAIN ENGINES: 3 x MTU 12V2000 M94
 1432kW @ 2450rpm
 GEARBOX: 3 x ZF 2500
 PROPULSION: 3 x KaMeWa A453

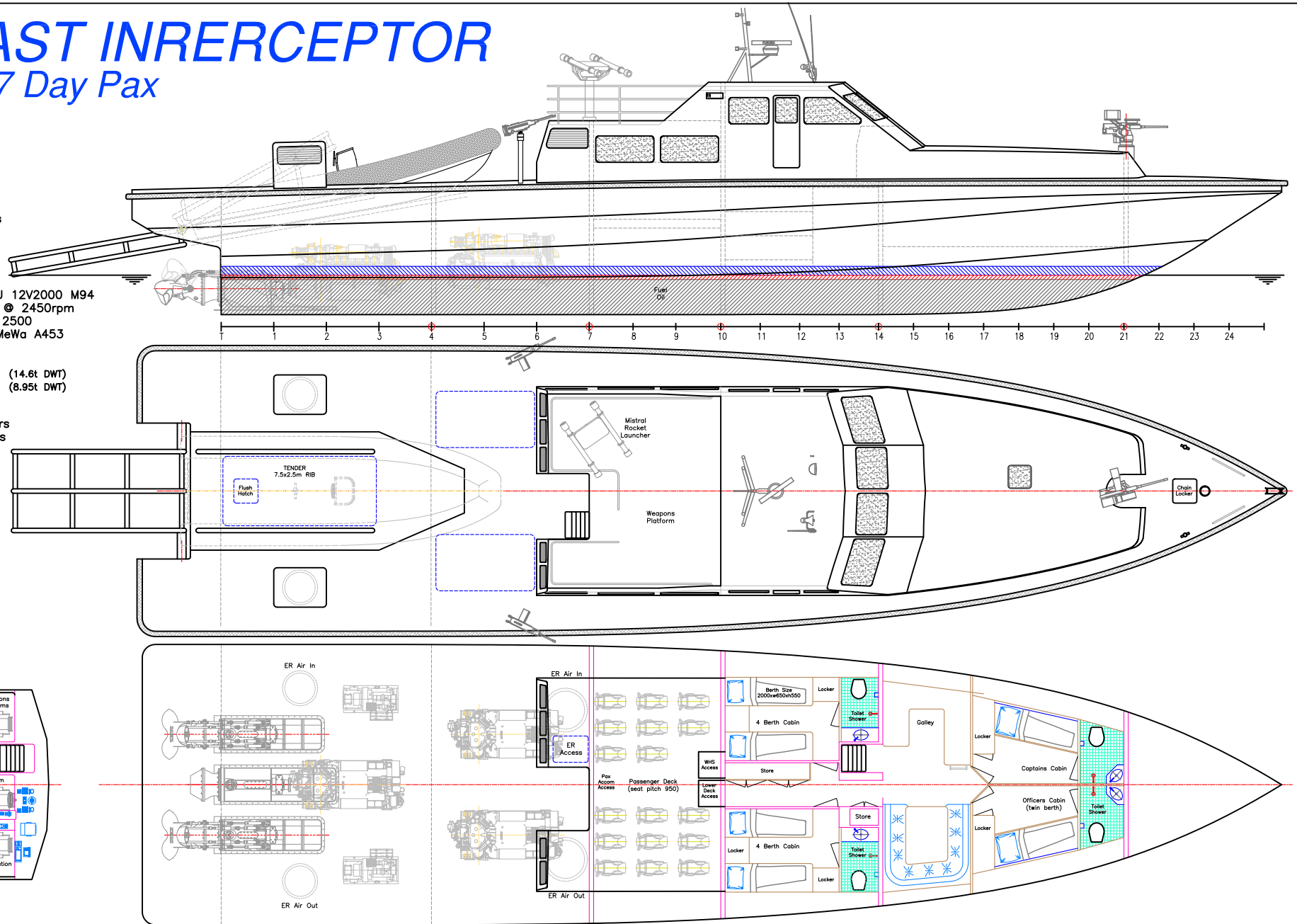
GENSET: 2x30kVa
 SPEED: 46knots (14.6t DWT)
 48knots (8.95t DWT)
 RANGE-100% mcr: 430nm

Crew 3 officers
 8 ratings
 Passengers 17 Day

CONSTRUCTION:
 MARINE GRADE ALUMINIUM

CLASS STANDARD:
 DNV R2 PATROL
 SURVEY: USL 2B

SEATING:
 Ullman Atlantic
 Ullman Biscaya



LightCraft
 aluminium patrol boats

VESSEL: 26m FAST PATROL

TITLE: GENERAL ARRANGEMENT

DWG No: P26-100

DATE: 3/12/2011

SCALE:

DRAWN: MDW

SCY Design

Consulting Naval Architects & Mechanical Engineers

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SCY26.2m Interceptor Weight Summary

3x12V2000M94, 4296kW

LC 2 - Trials Condition

Lightship				48246	8.88	1.73
fuel - main	20%	10000	0.82	1640	13.25	0.73
water	10%	600	1.00	60	17.00	0.60
sullage	10%	300	1.00	30	17.00	0.60
crew/effects		11	100	1100	4.90	2.85
pax			100	0	4.90	2.85
gen stores				250	18.00	1.90
arnaments				0	13.25	1.00
deadweight				3080	10.76	1.58
departure condition				51326	9.00	1.72

Estimated Speed

LC 3 - Half Load Condition

Lightship				48246	8.88	1.73
fuel - main	50%	10000	0.82	4100	13.25	0.73
water	50%	600	1.00	300	17.00	0.60
sullage	50%	300	1.00	150	17.00	0.60
crew/effects		11	100	1100	15.00	2.85
pax		17	100	1700	8.40	2.85
gen stores				350	18.00	1.90
arnaments				1250	13.25	1.00
deadweight				8950	12.92	1.47
departure condition				57196	9.51	1.69

Estimated Speed

48 knots, Range 430nm

LC 4 - Operational Fully Loaded Condition

Lightship				48246	8.88	1.73
fuel - main	100%	10000	0.82	8200	13.25	0.73
water	100%	600	1.00	600	17.00	0.60
sullage	10%	300	1.00	30	17.00	0.60
crew/effects		11	100	1100	15.00	2.85
pax		17	100	1700	8.40	2.85
gen stores				500	18.00	1.90
arnaments				2500	13.25	1.00
deadweight				14630	13.14	1.21
departure condition				62876	9.87	1.61

Estimated Speed

46 knots