LightCraft

12m Harbour Pilot Boat



SCY Design

48 Sweetgum St, Ashmore Qld 4214, Australia

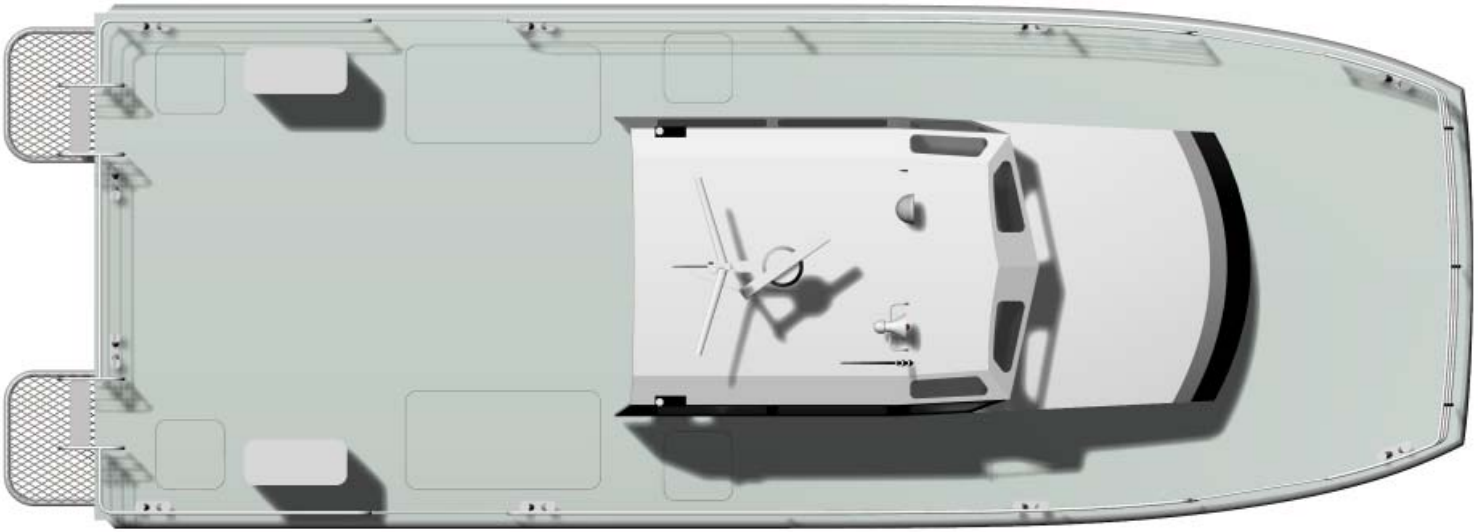
www.scy.net.au

12m Harbour Pilot Boat

LightCraft







PRINCIPAL DATA

LOA :	13.0m
Lmoulded:	12.0m
LOP :	11.8m
Beam :	4.4m
Draft :	0.80m
Construction:	Marine Grade Aluminium
Fuel :	1200lts
Freshwater:	300lts
Main Engines:	2 x 7ltr
Max Speed :	-
Cruise Speed:	-

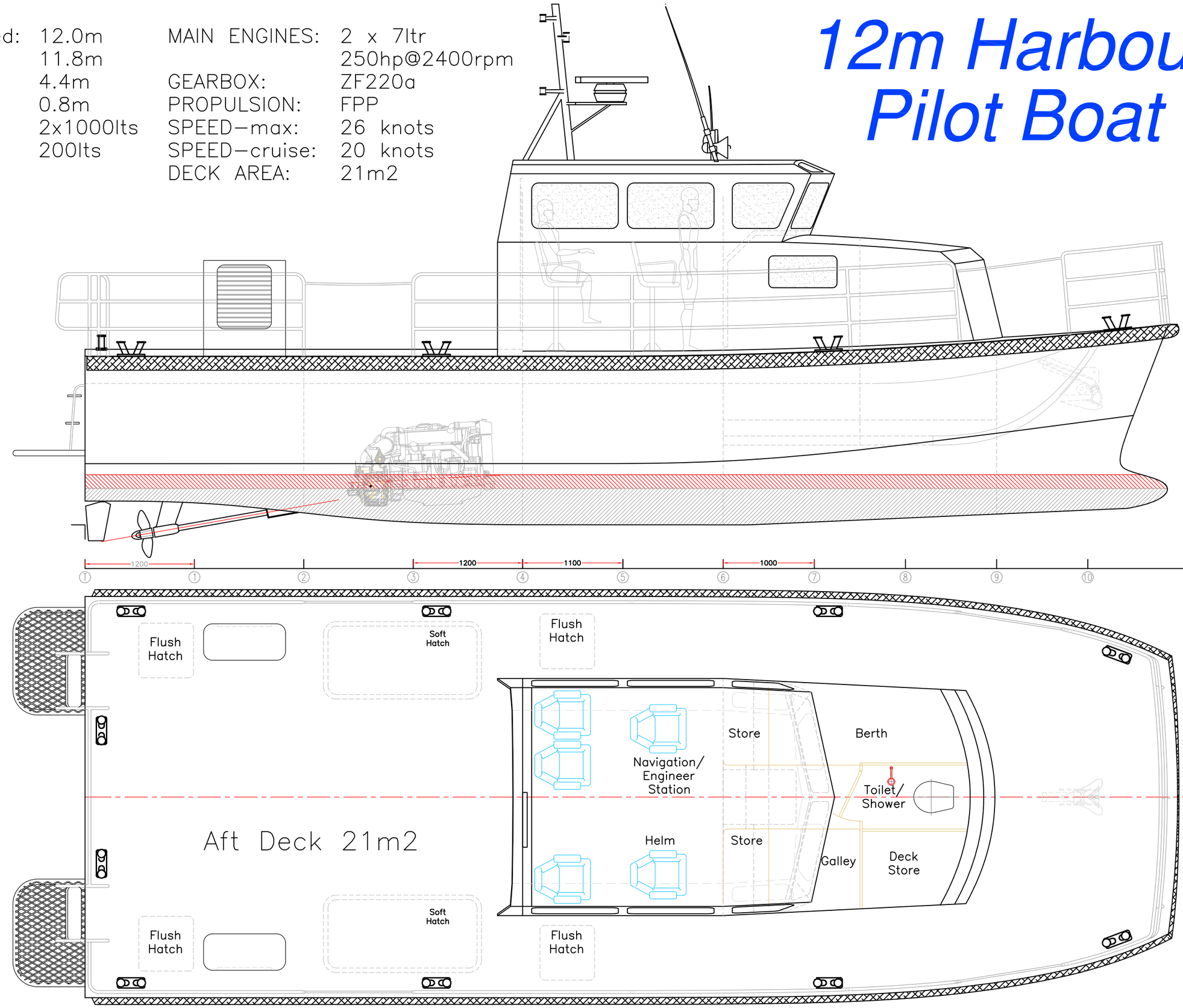
Class Standard :
DNV R3 PATROL
Survey: NSCV 2C

SCY Design

48 Sweetgum St, Ashmore Qld 4214, Australia
www.scy.net.au

12m Harbour Pilot Boat

Lmoulded:	12.0m	MAIN ENGINES:	2 x 7ltr 250hp@2400rpm
LOP:	11.8m		
BEAM:	4.4m	GEARBOX:	ZF220a
DRAFT:	0.8m	PROPULSION:	FPP
FUEL:	2x1000lts	SPEED–max:	26 knots
WATER:	200lts	SPEED–cruise:	20 knots
		DECK AREA:	21m2



VESSEL: 12m Pilot/Harbour Boat

TITLE: PRELIMINARY GENERAL ARRANGEMENT

DWG No: 12PH–100

DATE: 10/12/2008

SCALE:

DRAWN: MDW

LightCraft aluminium workboats

SCY Design
Consulting Naval Architects & Mechanical Engineers
48 Sweetgum St, Ashmore, Queensland 4214, Australia
www.scy.net.au

COPYRIGHT © THIS DRAWING AND THE INFORMATION CONTAINED HEREON IS SUPPLIED ON THE UNDERSTANDING THAT IT IS THE EXCLUSIVE PROPERTY OF SOUTHPORT CUSTOM YACHTS PTY. LTD. AND MUST NOT BE USED OR REPRODUCED IN WHOLE OR IN PART WITHOUT PERMISSION IN WRITING.

LC 1 - Trials Condition

Lightship (Ally construct)				7519	5.10	1.35
fuel - main	20%	1000	0.84	168	5.90	0.23
crew/effects		2	100	200	6.40	2.60
stores				100	7.70	1.85
deck gear				0	2.60	2.25
addn crew		0	75	0	5.35	2.60
deadweight				468	6.50	1.59
departure condition				**7987**	**5.18**	**1.36**

LC 2 - Half Load

Lightship				7519	5.10	1.35
fuel - main	50%	1000	0.84	420	5.90	0.35
crew/effects		2	100	200	6.40	2.60
stores				50	7.70	1.85
deck gear				600	2.60	2.25
addn crew		2	100	200	5.35	2.60
deadweight				1470	4.61	1.79
departure condition				**8989**	**5.02**	**1.42**

LC 3 - Operational Fully Loaded Condition

Lightship				7519	5.10	1.35
fuel - main	100%	1000	0.84	840	5.90	0.35
crew/effects		2	100	200	6.40	2.60
stores				50	7.70	1.85
deck gear				1600	2.60	2.25
addn crew		3	100	300	5.35	2.60
deadweight				2990	4.14	1.77
departure condition				**10509**	**4.83**	**1.47**

LC 4 - Maximum Load Condition

Lightship				7519	5.10	1.35
fuel - main	100%	1000	0.84	840	5.90	0.35
crew/effects		2	100	200	6.40	2.60
stores				50	7.70	1.85
deck gear				1600	2.60	2.25
addn crew		12	100	1200	5.35	2.60
deadweight				3890	4.42	1.96
departure condition				**11409**	**4.87**	**1.56**