

RAMPARTS 2500 CL ASD ESCORT TUG – PSA SUCCESS



PRINCIPAL PARTICULARS

Year Built	: 2025
Builder	: Cheoy Lee Shipyard Ltd
Designer	: Robert Allan Ltd
Class	: Lloyd's Register of Shipping ✱ 100A1 Tug, Escort Tug Protected Waters Service, Fire-Fighting Ship 1 (2400m ³ /h) with Water Spray ✱ LMC UMS, *IWS , LMC,UMS
Flag	: Singapore
Call Sign	: 9VEW7
IMO No.	: 1040239

DIMENSIONS

Length Overall	: 25.41m
Breadth Moulded	: 11.80m
Depth Moulded	: 4.60m
Design Draft	: 3.40m (from baseline)
Navigational Draft	: 5.42m (max)
Gross Tonnage	: 348
Net Tonnage	: 104

MACHINERY (INSTALLED WITH CCTV SYSTEM)

Main Engines	: 2 x 1993kW Caterpillar 3516C @ 1600rpm
Generators	: 2 x 118 kW Caterpillar C7.1
Harbour Generators	: 1 x 50kW Perkins PDM63HE
Propellers	: 2 x Schottel SRP 460 FP
Air Compressors	: 1 x Deno 2L-15/150

ACCOMMODATION (FULLY AIR-CONDITIONED)

Officers	: 2 x1 berth
Crew	: 3 x 2 berths
Total	: 8 berths (MLC 2006 compliance)
Sewage System	: Taiko Kikai SBH

FIREFIGHTING/ANTI-POLLUTION EQUIPMENT

FiFi Pump (PTO from Port M/E)	: 1 x FFS SFP 300x400PC of cap 2850m ³ /hr @ 119m head c/w water curtain
FiFi Monitor	: 2 x FFS 1200/300 dual purpose foam/water of cap 1200m ³ /hr @ 10 bar
Oily Water Separator	: Taiko Kikai USH-05
Oil Dispersant System	: Tetra Fire, Off-Center Spray VeeJet nozzle type (P&S)

PERFORMANCE DATA

Speed @ 100%MCR	: 12.66 knots
Bollard Pull (Ahead)	: 71.52 tonnes
(Astern)	: 68.85 tonnes

TANK CAPACITIES

Fuel Oil	: 91.6m ³
Freshwater	: 12.3m ³
Dispersant	: 5.0m ³
Foam	: 5.0m ³

TOWING AND DECK EQUIPMENT

Tow Winch / Anchor Windlass (FWD)	: MacGregor Hydraulic Anchor Windlass / Escort Towing Winch, hydraulic single split drum, two chain wheels & one warping head type
Rope Capacity	: 220m + 220m x 60mm dia synthetics rope @ 9 layers
Recovery (L/M/H)	: 20 T@10 m/min 6 T@30 m/min
Brake Holding	: 190 tonnes
Anchor Windlass	: 20.5 mm Grade U2 chain pull – 1.8T @ 0~10 m/min
Brake Holding	: 11.3 tonnes
Deck Crane	: Guerra M95.20A1 SWL – 1.46T @ 5.9m outreach
Stern Hook	: China make, Disc Type, 70 tonnes SWL

RADIO AND NAVIGATIONAL EQUIPMENT (GMDSS – A1+A2+A3)

X-Band Radar	: Furuno FAR-1518BB
GMDSS MF/HF SSB Radiotelephone	: JSS-2150
VHF Radiotelephone	: Furuno 8900S c/w DSC
Echo Sounder / Speed Log	: Furuno FCV-688
Immarsat C	: Furuno Felcom-18
Navtex Receiver	: Furuno NX-700B
EPIRB	: Jotron Tron 60
SART	: McMurdo S5A
PA/Talkback System	: Furuno LH-5000
Magnetic Compass	: Saura T130VDA, 125mm binnacle
Satellite Compass	: Furuno SC-70
Auto Pilot	: Raytheon Anschutz PilotStar NX
AIS	: Furuno FA-170
GPS	: Furuno GP-39
BNWAS	: Furuno BR 500
Hand-held VHF	: 2 x Entel HT649



CERT NO.: 99-2-1008
ISO 9001 : 2008

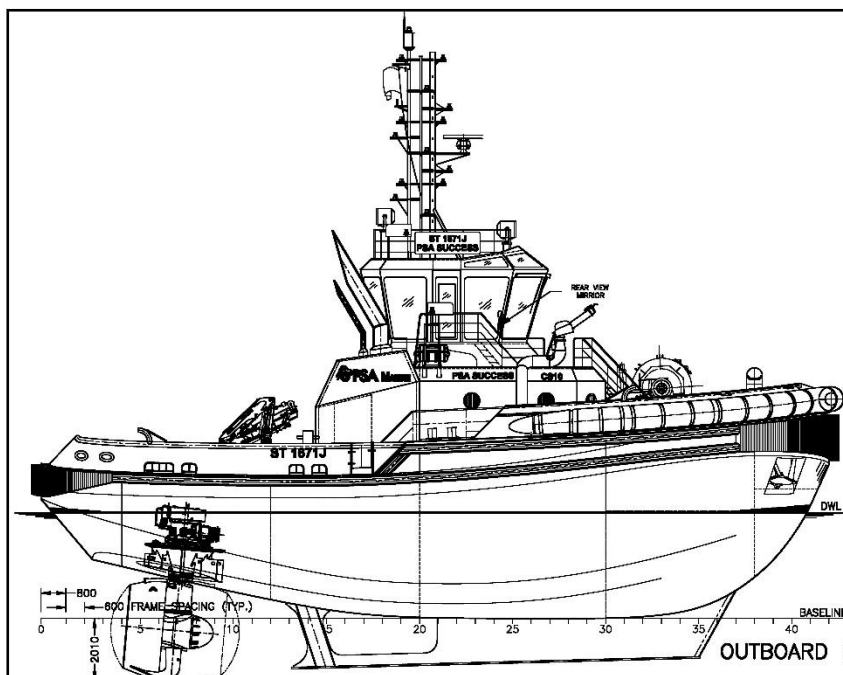


CERT NO.: 2003-0214
ISO 14001 : 2004



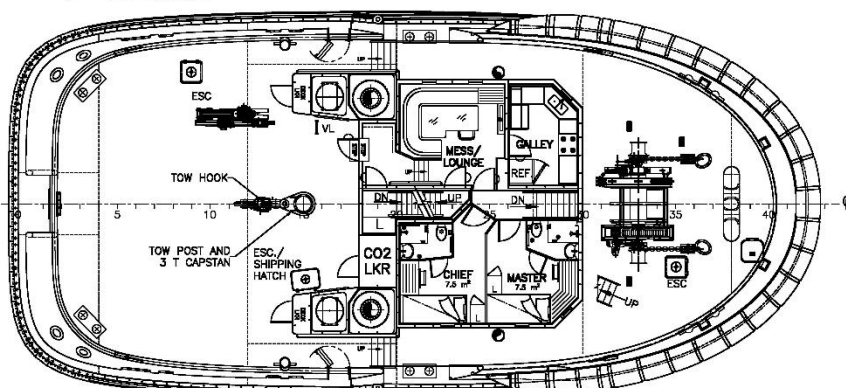
CERT NO.: CHS-2001-0013
BS CHSAS 18001 : 2007

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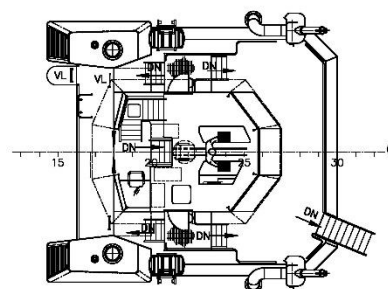


OUTBOARD PROFILE

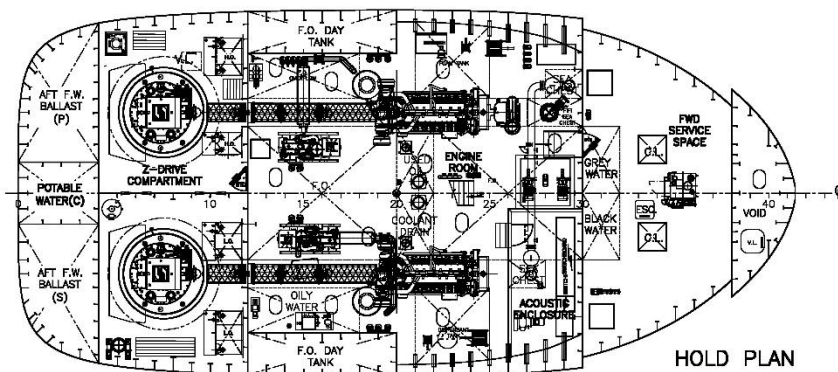
GENERAL PARTICULARS	
LENGTH, OVERALL	25.40 m
BEAM, MOULDED	11.80 m
DEPTH, MOULDED	4.60 m
DRAFT, DESIGN (ABOVE BL)	3.40 m
DRAFT, MAXIMUM	~5.42 m
INSTALLED POWER	2 x 2000 KW
BOLLARD PULL, AHEAD	70 TONNES
GT	348
COMPLEMENT	8
FUEL	91 m³
POTABLE WATER	11 m³
CLASS NOTATION	LR #100A1 Tug, Escort Tug Protected Waters Service, Fire Fighting 1 (2400m³/hr) with Water spray, *IWS, • LMC, UMS.



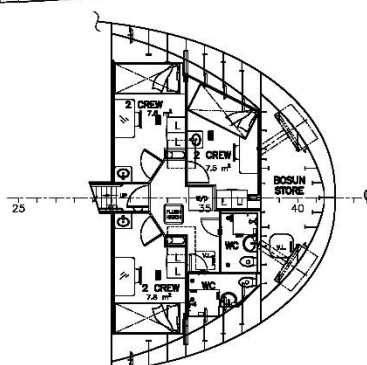
MAIN DECK PLAN



BRIDGE DECK



HOLD PLAN



LOWER ACCOMMODATIONS

OWNER	PSA Marine (Pte) Ltd.		SHIP NAME	PSA SUCCESS
BUILDER	CHEOY LEE SHIPYARDS LTD		YARD No.	5291
CLASS	LLOYD'S REGISTER		IMO No.	1040239
DELIVERY DATE:	AUGUST, 2025		PORT OF REGISTRY	SINGAPORE
BUILDERS	 CHEOY LEE SHIPYARDS LTD 89-91 HING WAH STREET WEST, LAI CHI KOK, KLN, HK. TEL: (852) 2307 8333 E-MAIL: ships@cheoylee.com			
	 HIN LEE (ZHUHA) SHIPYARD CO.,LTD. 1 DOUMEN GANG LU, DOUMEN, ZHUHA, GUANGDONG, P.R.C. TEL: (86) 756 6333663 E-MAIL: ships@hinlee.com			
VESSEL	 ROBERT ALLAN LTD. NAVAL ARCHITECTS AND MARINE ENGINEERS 230-1639 WEST 2nd AVE. VANCOUVER, B.C.			
	Ramparts 2500CL ESCORT TUG			
CLIENT	PSA Marine (Pte) Ltd.			
TITLE	GENERAL ARRANGEMENT			
DRAWN BY	CHECKED	APPROVED	SCALE	YARD No.
LUTHER			A3-1:150	5291
DATE	SHEET	DWG. No.	REV.	
30 JULY 2025	1 OF 1	HL_5291_30000		AF