

Z-TECH 6000 CL ASD HARBOUR TUG – PSA PISCES



CERT NO.: 95-5-1008
ISO 9001 : 2008



CERT NO.: 2003-0214
ISO 14001 : 2004



CERT NO.: OHS-2001-0013
BS OHSAS 18001 : 2007

PRINCIPAL PARTICULARS

Year Built	: 2025
Builder	: Cheoy Lee Shipyard Ltd
Designer	: Robert Allan Ltd
Class	: ABS - ✱A1, Circle E, Towing Vessel, BP (60MT), ✱ABCU, UWILD, ✱AMS
Flag	: Singapore
Call Sign	: 9V9806
IMO No.	: 1060344
Official No.	: 403644

PERFORMANCE DATA

Speed @ 100%MCR	: 12.64 knots
Bollard Pull (Ahead)	: 61.25 tonnes
(Astern)	: 61.00 tonnes

TANK CAPACITIES

Fuel Oil	: 127.0 m³
Freshwater	: 33.0 m³
Dispersant	: Nil
Foam	: Nil

DIMENSIONS

Length Overall	: 30.00m
Breadth Moulded	: 12.00m
Depth Moulded	: 5.06m
Design Draft	: 3.70m (from baseline)
Navigational Draft	: 5.40m (max)
Gross Tonnage	: 397
Net Tonnage	: 119

MACHINERY (INSTALLED WITH CCTV SYSTEM)

Main Engines	: 2 X Niigata 6L28HX, 1654 kW/750 RPM
Generators	: 2 X Perkins E70TAG1M 96 ekW
	: @ 415 V/3Ph/50Hz
Propellers	: 2 X Niigata ZP-31BCL
Air Compressors	: 2 x Sperre HL2/77A
Working Pressure	: 30 Bar

ACCOMMODATION (FULLY AIR-CONDITIONED)

Officers	: 2 x1 berth
Crew	: 4 x 2 berths
Total	: 10 berths (MLC 2006 compliance)
Sewage System	: Taiko Kikai SBH-15

FIREFIGHTING/ANTI-POLLUTION EQUIPMENT

FiFi Pump (PTO from Port M/E)	: Not Applicable
FiFi Monitor	: Not Applicable
Oily Water Separator	: Taiko Kikai USH-05
Oil Dispersant System	: Not Applicable

TOWING AND DECK EQUIPMENT

Tow Winch	: Ibercisa Hydraulic Harbour Towing Winch, hydraulic single split drum with Double Brakes and Clutches and one warping head type
Rope Capacity	: 220m + 220m x 76mm dia synthetics rope @ 8 layers
Recovery (L/M/H)	: 6.1 T @ 0 - 20.9 m/min 2.6 T @ 0 - 47.2 m/min
Brake Holding	: 150 tonnes
Anchor Windlass	: 20.5 mm Grade U2 chain pull with Steel Wire IWRC 1770 N/mm² x 140m length – 1.7 T @ 0 - 15 m/min
Brake Holding	: 18.0 tonnes
Deck Crane	: Palfinger PK12000M SWL – 1.7 T @ 6.2m outreach
Stern Hook	: Not Applicable

RADIO AND NAVIGATIONAL EQUIPMENT (GMDSS – A1+A2)

X-Band Radar	: Furuno 1945
GMDSS	: ICOM GM800
MF/HF SSB Radiotelephone	: Furuno FM-8900S
VHF Radiotelephone	: Furuno GP-1971F-E
Echo Sounder / Chart Plotter	: Furuno GP-1971F-E
Immarsat C	: Nil
Navtex Receiver	: Furuno NX-700A/B
EPIRB	: Jotron Tron 60AIS
SART	: McMurdo SA5
Intercom / Loud Hailer	: PHONTECH CIS3101
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

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GENERAL PARTICULARS:

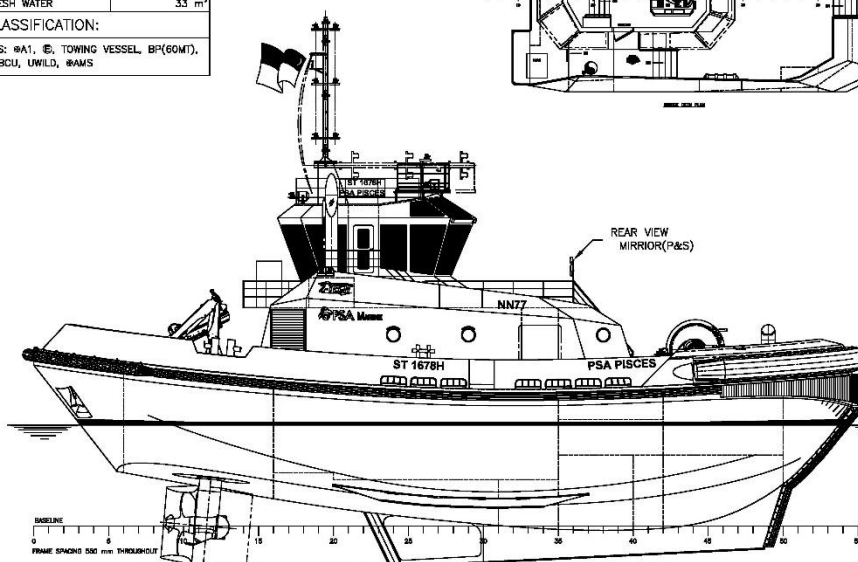
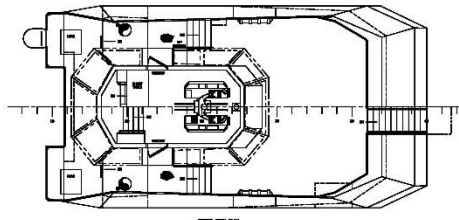
LENGTH OVERALL	30.0 m
BEAM, MOULDED	12.0 m
MOULDED DEPTH, LEAST	5.062 m
DRAFT, MOULDED	3.7 m
DRAFT, NAVIGATIONAL	5.23 m
INSTALLED POWER	2x 1654 kW
BOLLARD PULL	60 TONNES
SPEED	12 KNOTS

CAPACITIES:

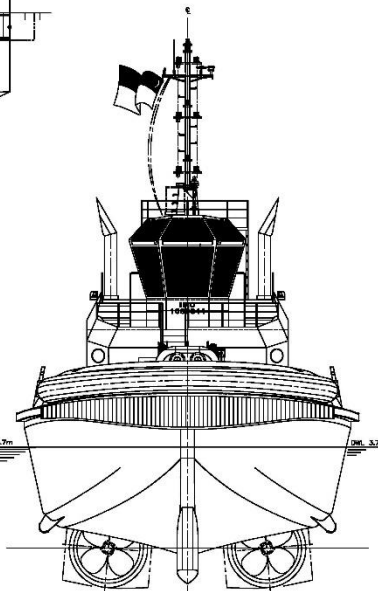
FUEL OIL	127 m ³
FRESH WATER	3.3 m ³

CLASSIFICATION:

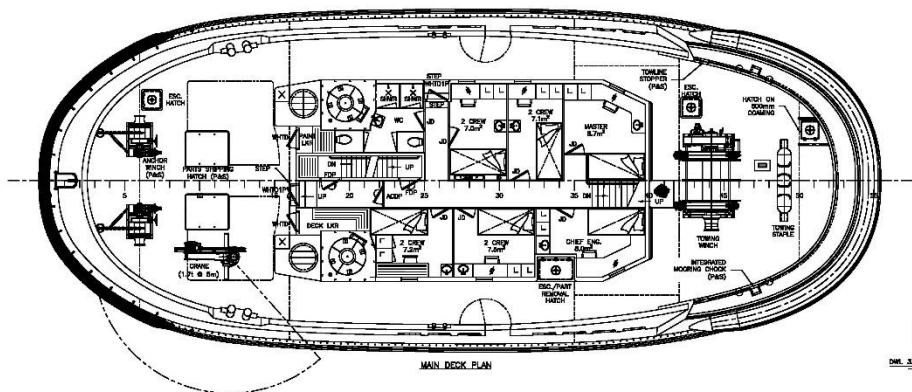
ABS: #A1, @, TOWING VESSEL, BP(60MT),
#ABCU, UWILD, #AMS



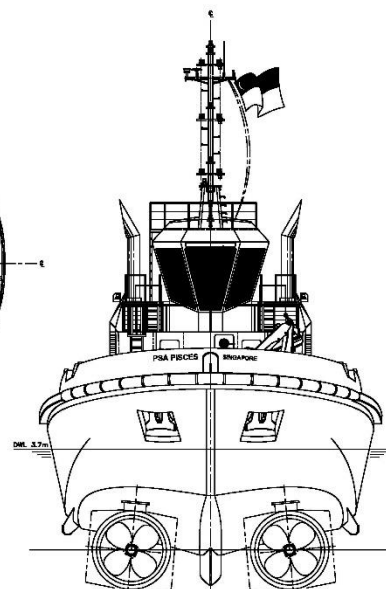
OUTBOARD PROFILE



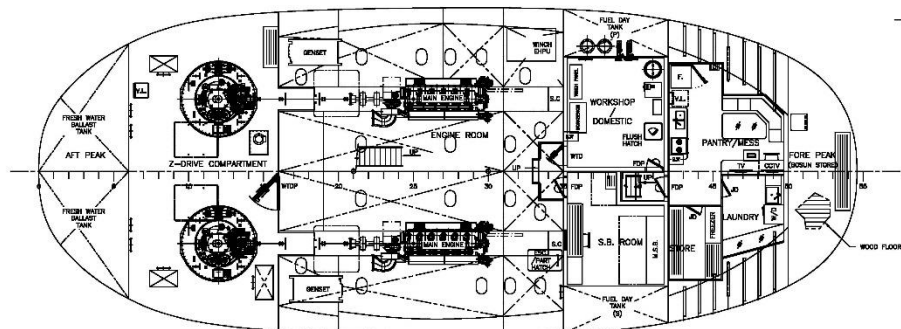
BOW VIEW



MAIN DECK PLAN



STERN VIEW



HOLD PLAN

OWNER	PSA MARINE (PTE) LTD.	SHIP NAME	PSA PISCES
BUILDER	PSA MARINE (PTE) LTD.	YARD NO.	3284
CLASS	ABS	IMO NO.	1000244
DELIVERY	OCT 2025	PORT OF REGISTRY	SINGAPORE
BUILDERS	CHEONG LEE SHIPYARD LTD. 15-17, 18-19, 20-21, 22-23, 24-25, 26-27, 28-29, 30-31, 32-33, 34-35, 36-37, 38-39, 40-41, 42-43, 44-45, 46-47, 48-49, 50-51, 52-53, 54-55, 56-57, 58-59, 60-61, 62-63, 64-65, 66-67, 68-69, 70-71, 72-73, 74-75, 76-77, 78-79, 80-81, 82-83, 84-85, 86-87, 88-89, 90-91, 92-93, 94-95, 96-97, 98-99, 100-101, 102-103, 104-105, 106-107, 108-109, 110-111, 112-113, 114-115, 116-117, 118-119, 120-121, 122-123, 124-125, 126-127, 128-129, 130-131, 132-133, 134-135, 136-137, 138-139, 140-141, 142-143, 144-145, 146-147, 148-149, 150-151, 152-153, 154-155, 156-157, 158-159, 160-161, 162-163, 164-165, 166-167, 168-169, 170-171, 172-173, 174-175, 176-177, 178-179, 180-181, 182-183, 184-185, 186-187, 188-189, 190-191, 192-193, 194-195, 196-197, 198-199, 200-201, 202-203, 204-205, 206-207, 208-209, 210-211, 212-213, 214-215, 216-217, 218-219, 220-221, 222-223, 224-225, 226-227, 228-229, 230-231, 232-233, 234-235, 236-237, 238-239, 240-241, 242-243, 244-245, 246-247, 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