



PT. SUPRACO LINES

Kantor Pusat :

Radiant Building, 2nd Floor, Jl. Kapten Tendean No.24 Mampang Prapatan Jakarta 12720

Telp. 62-21-7191070 Fax.62-21-7191077

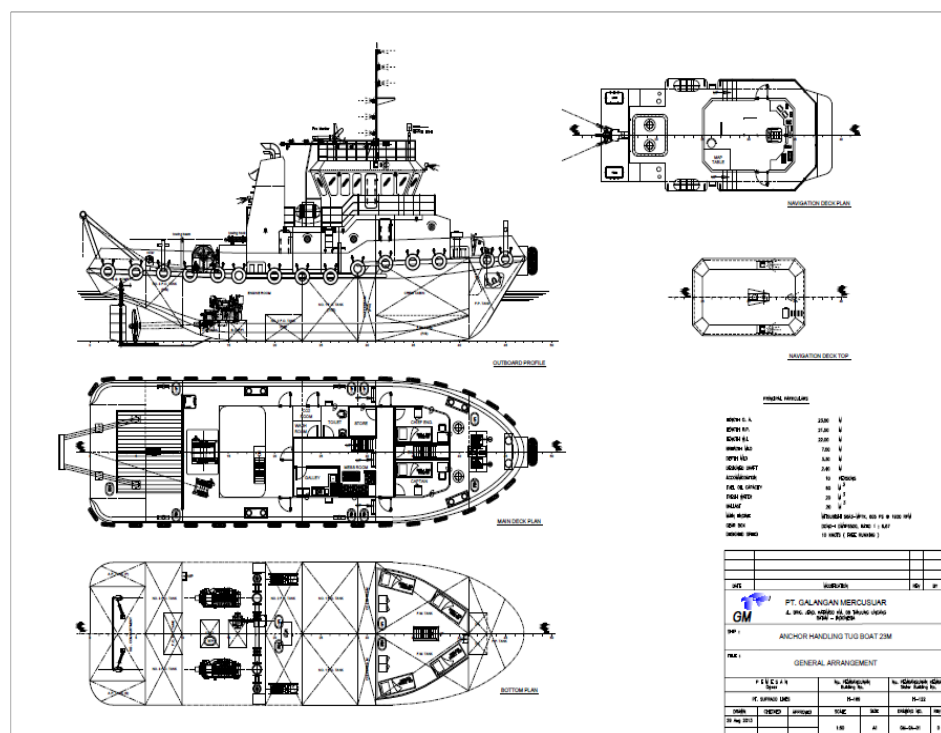
SHIP PARTICULAR - ANCHOR HANDLING TUG

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No.Rev/Rev.No. : 00

Vessel : AHT. KAKAP 1
Hull No. : 172
Type : Tugboat Multi Purpose
Owners : PT. Supraco Lines
Operators : PT. Supraco Lines





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GENERAL DESCRIPTION

Registry : Tanjung Priok Flag : Indonesia
Call Sign : YDB4558 Official No : IMO / Llyod No. : 9735933
Class : BKI Class No. : 1301020394
Class Notation : BKI A 100 (I) P + SM Tug
Built (years / shipyard / no.) : 2013 / Galangan Mercusuar / 026

PRINCIPAL DIMENSIONS and Capacities

LOA : 23.50 M LBP : 22.0 m B (mld) : 7.00 m Draft (S) : 2.40 M
H (mld) : 3.30 m Fresh Water : 20.00 T Fuel Oil : 60 T

TONNAGE

GT : 144 NT : 44 Displacement (S/T) : Light Ship :

HANDLING

Number	1	Maker	Type	SN
Maker / Model			A Frame	
Capacity (SWL)				

SPEED & CONSUMPTION

Speed	M / E	A/E	FW	
At Sea	10 Knot			
In Port				

TANKS (CAPACITIES)

Ballast Water	: 20.00 m ³	Fresh Water	: 20.00 m ³	Dirty Oil	: 1.00 m ³
FO Storage	: 60.00 m ³	FO Daily	: 3.00 m ³		: m ³

RADIO & NAVIGATIONAL EQUIPMENT

RAA :	ID for DSC :	ID for Inmarsat :	MMSI :
Sellcall Nr. For NBDP :		Sea Area	Answer Back :
VHF Radio 1	ICOM, IC-M3104	Radar Marine	Furuno Marine Radar 1945
VHF Radio 2	ICOM, IC-M3104		
SSB Radio	ICOM, ICM700 PRO	Echo Sounder	FURUNO, FCV-627
Walkie Talkie	ICOM, M--34	Fog Horn	Marco, 24 V DC single
Intercom	COMMAX	GPS	Furuno GPA 017. s/n 517996. 1pcs
Radio EPIRB	EPIRB Model SEP 500	Barometer	Aneroid 6"
Magnetic Standard Compas	Daiko, Compas Table 6" 24V DC	Merine Wall Clock	Tokugawa 6"
Magnetic Steering Compas	Daiko Keiki, S82 - 150	Horn Speaker	TOA, ZH - 2015M 8" 15W



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SAFETY EQUIPMENT

Fix CO2	Extinguisher, 5 kg cylinder (2 pcs)	Parachute Signal	6 pcs
Inflatable Liferaft	Shanghai Star Rubber Co.Ltd. type : SMLR - A - 10, s/n: 13A10039&13A10040 . @10Persons (2Unit)	Red Hand Flare	2 pcs
Life Jacket	DY5564-1 (14 pcs)	Fire Axe	Handle 36" (1 pcs)
Fire Smoke detector	8 pcs	Dry Powder	6 kg (5 pcs)
Lifebuoy	Huayan. Type DY5555, , 2.5 kg (6 pcs)	Foam	Tokugawa, 45 kg (1 pcs)
Binocular	1 pcs	Self Igniting Light	2 pcs
Line Throwing	lkarus 1 pcs	Fire House	Machino, unlined type 40A x 15m
Clinometer	5" (2 pcs)	Smoke Signal	2 pcs
Bell Alrm	Demco, 6" 24 V red (4 pcs)	Fog Horn	Marco. HORN 24V DC SINGLE (TEROMPET) MARCO, electric(1pcs)

MACHINERIES

Engine	Main Engine 1	Main Engine 2	Auxiliary Engine 1	Auxiliary Engine 2	A/E Emergency
Maker	MITSUBISHI	MITSUBISHI	Yanmar	Yanmar	-
Type	S6A3 - MPTK	S6A3 - MPTK	4TNV106T - GGE	4TNV106T - GGE	-
No/Year/Sn	36575	36577	Year 2013/ Sn:V22391	Year 2013/ V22180	-
Power/rpm	605 PS/1900 rpm	605 PS/1900 rpm			-
Bore/stroke	4srtoke	4stroke			-
Generator			YAMAGEN(Ty pe: YTG75TLV - OM), S/N: Y60V09130699	YAMAGEN (Type:YTG75TL V - OM). S/N: Y60V09130698	-
KVA/RPM/Kw	445KW	445KW	Standby 52 KW (65 KVA), Prime 48 KW (60KVA)	Standby 52 KW (65 KVA), Prime 48 KW (60KVA)	-
Volt/Hz/Amp			380 / 220 V, 91.16 A, 50 HZ, 3 Ph	380 / 220 V, 91.16 A, 50 HZ, 3 Ph	-

Machinery's	Merk / Type	Specification
Steering Gear System	AEB	D100L4,220-380V/2.2Kw/50Hz/3HP/IP55
Eltor Bilga/Ballast Pump	TECO 3 Phase elec motor	AEEBKB025R50FM,2870Rpm/50Hz/380-415V/IP55
Eltor GS / Fire Pump	TECO 3 Phase elec motor	AEEBKB020005FM,2880Rpm/50Hz/380-415V/IP55
Eltor Fuel Oil Pump	TECO 3 Phase elec motor	AEEBKB040003FUB01,1425Rpm/50Hz/220-240V/2.2Kw/3Kw/IP55
Eltor Fresh Water Pump	SAER	CMP/79,1HP/50Hz/1Phase/230V/6A,2850Rpm
Bilga / Ballast Pump	EBARA Pump	50X40 FS HA
GS / Fire Pump	EBARA Pump	65X 50 PS HA
Fuel Oil Pump	TECO 3 Phase elec motor	AEEBKB040003FUB01,1425Rpm/50Hz/220-240V/2.2Kw/3Kw/IP55
Fresh Water Pump	SAER	CMP/79,1HP/50Hz/1Phase/230V/6A,2850Rpm
OWS	Hangzhou Chifeng Machinery Co Ltd, CYF 0.25	oily content of treated water < 15 ppm, rated 0.25 m3/h,
OWS Separator (Motor)	Hangzhou Chifeng Machinery Co Ltd, DZ - 250	Discharge capacity 0.25 m3/h, 6 rpm, suction head 8 m, 4.25 KW, pressure head 0.29 Mpa
Fire Fighting Pump	Versa Pump	Size 5/4 In,150m3/H,Head 80 m,RPM 2600
Engine Driven Fire Fighting	Isuzu-PM4JBIT	Max oper Pressure 15 Psi, max Oper temperature 250° F
Anchor Winch	Jiangsu Xinli Machinery Co. Ltd/ Electric Windlass	S/N: 1309032. Windlass : Chain dia 16 m2, 9 m/min, 10.9 KN,



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Motor Winch	:De Zhou Heng Electrical Machinery CO. LTD.	Motor: 50 Hz, 33 V, 3 / 1.2 KW, 6.8 / 7.1 A, 1350 rpm, IP 58
Tugger Winch (Motor)	<i>Motor : Teco Elec & Mach Pte. Ltd/ Type AEEBKB040010FMB</i>	S/N: H4135324 001. 10 HP, 7.5 KW, IP 55, 50 HZ, 380 - 415 V, 14.1 A, 1450 Rpm, 2013.
Mooring Winch	Jiangsu Xinli Machinery Co. Ltd	Chain dia 16 m2, 9 m/min, 10.9 KN,
Alternator Generator Set 1 (portside)	Alternator : TAIYO Electric CO. LTD/ LX - G40A	S/N: IP11082. 1500 rpm, 50 Hz, 415 / 380V, 90.04 / 98.8 A, 3 phase, 4 pole, 40° C, insulation class 1, IP 23, 303 kg, Year 2013
Alternator Generator Set 2 (Starboard Side)	Alternator : TAIYO Electric CO. LTD	S/N: UP6081. 1500 rpm, 50 Hz, 415 / 380V, 90.04 / 98.8 A, 3 phase, 4 pole, 40° C, insulation class 1, IP 23, 303 kg, Year 2013
Gear Box	Dong-I/DMTP6500	RATIO: 1 : 6,57

Note: All figures are believed to be correct but are given without guarantee.