



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 – CRANE BARGE

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No.Rev/Rev.No. : 00

Vessel : CB. SPL-MAHAKAM
Hull No. : 281
Type : Accomodation Work Barge
Owners : PT. Supraco Lines
Operators : PT. Supraco Lines





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GENERAL DESCRIPTION

Registry : Tanjung Priok Flag : Indonesia
Call Sign : Official No : IMO / Llyod No. :
Class : BKI Class No. :
Class Notation :
Built (years / shipyard / no.) : 2013 / Galangan Mercusuar /

PRINCIPAL DIMENSIONS and Capacities

LOA : m LBP : 43.89 m B (mld) : 15.24 m Draft (S) : 2.88 m
H (mld) : 3.05 m Fuel Oil : 1 T Passanger : 46 Persons

TONNAGE

GT : 704 NT : 212 Displacement (S/T) : - Light Ship : -

TANKS (CAPACITIES)

Ballast Water	:	m ³	Fresh Water	:	Empty m ³	Dirty Oil	:	Empty m ³
FO Storage	:	1 MT	FO Daily	:	Empty m ³		:	m ³

RADIO & NAVIGATIONAL EQUIPMENT

RAA :	ID for DSC :	ID for Inmarsat :	MMSI :
Sellcall Nr. For NBDP :	Sea Area :	Answer Back :	
Walkie Talkie	4 Walkie talkie : 2 channel up to 5 miles	Navigation Light	Portside & Starboard Side
GPS		Handphone	Explosion proof, 1 unit
VHF Marine	2Unit		

SAFETY EQUIPMENT

Lifebuoy	6 pcs. 8 pcs : complete with bouyant life line, 4 pcs with self igniting light	CO2 Portable	6.8 kg (1 pcs)
Life Jacket		Fix Gas Detector	
Water canon / Fire monitor at Top Deck	Water canon, hydrants and fire hoses (1Unit)	Warning Light (Engine Room)	Alarm panel, warning lights - alarm system. Merk Ewig. Type LTE – 1103 (1pcs)
Hydrant 1st Deck	Water canon, hydrants and fire hoses (1Unit)	Loudspeaker (Public Address) Engine room	TOA (1pcs)
Hydrant Main Deck	Water canon, hydrants and fire hoses (1Unit)	Dry chemicals.	5 (five) lbs, In each accommodation room / office there shall be minimum
Fire detector	engine room, accomodation room, kitchen & Mess room (1pcs)	CO2 extinguisher	CO2 capacity shall not be less than 1,6 kg/m3 protected area
Smoke detector (Mess Room)	engine room, accomodation room, kitchen & Mess room (1pcs)		
Bell Alarm (Mess Room)	Alarm panel, warning lights - alarm system.		



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MACHINERIES

Machinery's	Merk / Type	Specification
Anchor Winch 1	Transvictory Winch System PTE LTD/ 18 Ton DD Side by side Hydraulic Winch	S/N: TWS122. Pull test 18 Ton, Brake test 36 ton
Anchor Winch 2	Transvictory Winch System PTE LTD/ Hydraulic Winch double drum	TWS123. Pull test 18 Ton, Brake test 36 ton
Anchor 1 (Portside buritan)		stockless delta 3 ton
Anchor 2 (StarboardBuritan)		stockless delta 3 ton
Anchor 3 (Starboard haluan)		stockless delta 3 ton
Anchor 4 (Portside Haluan)		stockless delta 3 ton
Diesel fire pump self priming engine driven	<u>Dong Feng Cummins engine Co Ltd/ 6BT5.9 - C162</u>	S/N: 87416081. CPL0 425, Low idle 750 rpm, 119 KW at 2900 rpm.
Fifi Pump	Versa Pump/ AFP 125 - 100 - 315	S/N: 1251316. 2900 rpm, 200 m3/h, Max head 100 m,
GS Pump		
Generator Set Starboard (Diesel Engine)	Dong Feng Cummins engine Co Ltd/ 6CTA8 3 - G1M	S/N : 83081781. CPL 1783, Low idle 850, 163 KW at 1500 rpm.
Generator Set Portside (Diesel Engine)	Dong Feng Cummins engine Co Ltd/ 6CTA8 3 - G1M	S/N : 83081782. CPL 1783, Low idle 850, 163 KW at 1500 rpm.
Alternator Starboard	Shanghai Marathon - Gexin Electric Co Ltd/ MP - 120 - 4	S/N: 3632S – 1350179. 1500 rpm, IP 21, pressure 0.8, 3 phase, 50 HZ, 120 KW, 400V, 217 A
Alternator Portside	Shanghai Marathon - Gexin Electric Co Ltd/ MP - 120 - 4	S/N: 3632S - 130180. 1500 rpm, IP 21, pressure 0.8, 3 phase, 50 HZ, 120 KW, 400V, 217 A
Fuel Oil Pump	Teco Elec & Mach Pte Ltd/ AEEBKB040003FU	S/N: P312A023 009. 3 HP, 4 Pole, IP 55, 50 HZ, 220 - 240 V, 380 - 415 V, 1425 Rpm, 8.79 - 8.06 A, 5.09 - 4.66 A, 30 kg.
Fresh Water Pump1	Global water solution Ltd./ PEWB24	S/N: 113467. Max Pressure 10 bar, Max temperature 90 °C, total volume 24 ltr
OWS	Hangzhou Chifeng Machinery Co Ltd/ CYF 0.25	S/N: 44. oily content of treated water < 15 ppm, rated 0.25 m3/h,
Oily Water Separator (OWS) Motor	Hangzhou Chifeng Machinery Co Ltd/ DZ - 250	S/N: 2.5. Discharge capacity 0.25 m3/h, 6 rpm, suction head 8 m, 4.25 KW, pressure head 0.29 Mpa
Fuel Oil Transfer Pump	Oriental Koishin/ GL40 - 5	S/N: GL40 - 5 – 3. Capacity 123, pressure 5, 1100 / 90 rpm
Eltor Fresh water Pump1	Global water solution Ltd./ YL8012	S/N: E13047193R. 750W, 1 Hp, 2832 r/min, 220V, 50HZ, IP 55, 4.8 A, 10.2 kg
Fresh Water Pump2	Global water solution Ltd./ YL8012	S/N 113724:. Max Pressure 10 bar, Max temperature 90 °C, total volume 24 ltr
Eltor Fresh water Pump2	Global water solution Ltd./ YL8012	S/N: ----- 750W, 1 Hp, 2832 r/min, 220V, 50HZ, IP 55, 4.8 A, 10.2 kg
Fresh water pump 3 emergency	Bosco Taiwan/ Centrifugal pump, MT - 43	S/N: 2047513. 1HP, 220 V, 5A, 1 phase, discharge 1", max head 39 m, max flow 110 LPM



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Fresh water pump 4 emergency	Multipro automatic pump Motor : Saer Italy/ CMP / 79	S/N: 2784193. 230V, 50 HZ, 6A, 2850 rpm, 1 HP, 0.75 KW, Temp Max 70° C, Headd Max 35 m, 1.25 KW
Sewage Treatment Plan	PT. Protono Dwi Dinamika/ CVR 50	S/N: 5013121. capacity 50 person, effluent 30 mg/l BOD5, effluent 30 mg/l TSS, Media coalescer, blower 2 HP, 380 V AC,
Sewage Treatment Plan (motor)		S/N: 30001233. 2900 rpm, 220/380 V, 1.1 KW, IP 55, 4.5 / 2.6 A, 50 HZ

CRANE LIEBHERR HS 885 HD



PERFORMANCE

Type	: Liebherr HS 885 HD
Capacity	: 120 Ton
Boom Length	: 74 m (max)
Boom Up	: 84 sec, from 15° to 82°
Swing Speed	: 0 - 3.5 rpm
Hoisting Line Pull	: 2 X 70 KN (max)
Working Pressure	: 350 Bar (max)
Drive Speed	: 0 - 1.3 km/h

ENGINE

Name & Model	: MAN D 2842 LE, 670 KW at 1900 rpm
Use Of Engine /Hour	: 31.8 liter per hour at 1800 rpm
Winch	: 2 X 300 KN
Hydraulic Oil Capacity	: 1170 liter

OPERATING SYSTEM

Power Source	: Hydraulic system
Winch	: 2 speed hydraulic motor
Control	: Special Demolition system MDE : MACHine Data Recording PDE : Process Data Recording GSM Modem
Swing	: 3 speed range to increase swing precision