



PT. PELAYARAN MENARATAMA SAMUDRA INDAH

(Accommodation Work Barges)

Member of INSA No. 433/INSA/XI/1989

Komplek Duta Merlin Blok C 19-20-21, Jl Gajah Mada No. 3-5 Jakarta 10130 - INDONESIA

Phone : (+62-21) 6340157 (hunting)

Fax : (+62-21) 6343395, 6304239

Website : www.ptpmisi.com

Email : memsiras@cbn.net.id



AWB. PELIKAN PERDANA

GENERAL

Type of Vessel	: Accommodation Work Barge
Flag	: Indonesia
Class	: BKI
Port of Registry	: Jakarta
Year Built	: 2006, Accomm. Construc. 2007
Call Sign	: PLTC

DIMENSIONS

Length	: 70,10 Metres (230')
Width	: 19,51 Metres (64')
Depth	: 4,27 Metres (14')
Gross Tonnage	: 2.509 Tons
Net Tonnage	: 753 Tons

DECK MACHINERY

: Crawler Crane cap. 180 Tons

TANK CAPACITY (c/w coverdam)

Fuel Oil Tank	: 340,000 Liters (Double Skin)
Fresh Water Tank	: 546,000 Litres (Hard Cement Coating)
Ballast Tank	: 1,650,000 Litres (Ballast Distribution System)
Sewage Tank	: 100,000 Litres (Sewage Treatment System)

ENGINE ROOM (Below Main Deck Double Bottom)

Main Generator Set	: 3 units x 450 KVA, 3P, 50 Hz, 220/380 V "Mitsubishi" c/w Synchronize System Power Output. Model GCP 32B, Brand Woodward - Synchronizing, Load Sharing. - Generator Protect : Over Current, Reverse Power - Engine Protect : L O P, Temperature, Over Speed - Load Monitor
Emergency Genset	: 1 unit x 150 KVA, 3P, 50 Hz, 220/380 V "Mitsubishi" 1 unit x 65 KVA, 3P, 50 Hz, 220/380 V "Mitsubishi"
Hydraulic Prime Mover Engine	: 2 units x Komatsu S6D140 / 320 HP / 1500 RPM
Fire Pump Engine	: 2 units x Komatsu S6D140 / 320 HP / 1500 RPM c/w Pump 2 x Torishima 200X150-400 cap.600 m3/hr & Remote Control System at Radio Room.

MOORING SYSTEM

: Total 8 points Mooring Winch System c/w

Operating Control system (Bow & Stern)

a. 4 points Single Drum Electric Mooring System

4 x wire rope dia. 38 mm x 1000 mtr
4.2 Tons Flipper Delta Anchor

b. 2 sets Double Drum Hydraulic Mooring System

4 x wire rope dia. 38 mm x 1000 mtr c/w
4.2 Tons Flipper Delta Anchor

Mechanical (automatic) level winder

Fixed Tension Meter + Pay out meter

Pulling capacity = 45 Ton

CENTRALISE PUMP CONTROL ROOM (Double Bottom)

FOR BALLAST TANK DISTRIBUTION SYSTEM

Ballast Pump	: 2 x Grundfos NK 65-200 cap. 150 m3/hr
Daily Fuel Oil Pump	: 2 x Grundfos NK 32-125-1 cap. 10 m3/hr
Daily Fresh Water Pump	: 3 x Grundfos NK 32-125-1 cap 10 m3/hr
Transfer Fuel Oil Pump	: 1 x Sihi ZLNC 50-160 cap. 70 m3/hr c/w Flowmeter
Transfer Freshwater Pump	: 1 x Sihi ZLNC 50-160 cap. 70 m3/hr c/w Flowmeter
Sewage Pump	: 2 x Grundfos NK 50-160 / 177/ cap. 90 m3/hour
Sprinkle Pump	: 1 x Grundfos NK 65-200 cap. 150 m3/hr

WORKSHOP

: Vertical Drill, Shaving Machine & Lathe Machine

WELDING SET

: 2 x 250 Amp. Rectifier BXI-250-2 ARC

CLEAR DECK SPACE

: 38 M x 19,80 M = 752 M2

LIVING QUATER

: 1.280,00 M2

COLD STORAGE CAPACITY

Walk In Chiller : 2 units (20,31 m3 + 24,37 m3 = 44,68 m3)

Walk In Freezer : 2 units (20,31 m3 + 28,43 m3 = 48,74 m3)

Refrigerator reach in Chiller & Freezer : 1 unit capt. 900 ltrs

WATER MAKER

: 2 units Reverse Osmosis Cap. 30 Ton/unit/day

ACCOMMODATION

Total 153 persons (Fully Air Conditioned)

2 Cabins x 1 berth	: 2 (c/w shower/toilet)
5 Cabins x 2 berth	: 10 (c/w shower/toilet)
35 Cabins x 4 berth	: 140
1 Cabin x 1 berth	: 1

COMM. / NAVIGATION

SSB Radio	: SAMYUNG SRG 1150 DN
VHF Marine Radio	: Furuno VHF Model FM 8800
Handy Talkie Radio	: Standard HX350S - 4 sets
Wind Speed Indicator	: 1 unit Weather Wizard III DAVIS
GPS	: 1 unit Furuno GP-31 S
Radar	: 1 unit Furuno FR 1721 MK2
EPIRB	: 1 unit MCMURDO
SART	: 1 unit MCMURDO SART S4
Navigation Warning Syst.	: MCMURDO NAVTEX NAV 5 PUS
Paging System	: Complete Set TOA
Satellite Telephone	: 1 unit ACES BYRU

FIRE FIGHTING EQUIPMENT

Fire Water Monitor	: 2 units
Foam Tank	: 1 unit
Fire Hose Station	: 7 units
Portable Fire Extinguisher	: 30 units
Fire Alarm System	: Heat & Smoke Detector
Portable Gas Detector	: 2 units
Fireman Suits & SCBA	: 2 sets c/w 4 spare units bottles O2
Engine Room protected by CO2 System	
Sprinkle System at Accommodation Block	
Emergency Shutdown Electric Panel at each Floor Accom.	
Emergency Shutdown Engine at outside Engine Room	
Fixed Gas Detector System	: 1 unit

SAFETY & SURVIVAL EQUIPMENT

Life Rafts	: Cap. 350 persons
Life Jackets	: 184 pcs
Life Buoy	: 16 units
Stretcher	: 1 unit
Work Vest	: 20 pcs
Rescue Boat c/w Engine 25 HP Yamaha	: 1 unit cap. 6 prs

LAUNDRY EQUIPMENT

Washing Machine	: 2 x Unimax UC 60 MN2, cap 27 kgs
Tumble Dryer	: 2 x Unimax UT 050 EQT, 23 kgs

TOILET / SHOWER

Communal Toilet/Shower : 3 x each Floor, Hot & Cold System

OTHER FACILITIES

Clinic Room	: 1 x single berth c/w shower/toilet
Galley	: 1 x c/w cooking utensils etc
Radio Control Room	: 1 x c/w radio/navigation equipment
Office Room	: 4 x w/chairs/table/file cabinet
Meeting Room	: 1 x cap.30 prs c/w slide projector
Mess Room	: Cap. 120 persons c/w dining eqmt.
Prayer Room	: Cap. 15 persons
Recreation Room	: 1 x w/ TV Cable & Audio System
Gymnastic Room	: 1 x w/ Threatmill equipment
Smoking Room	: 1 x w/ exhaust
Shoes Store	: 1 x w/ Locker