

PT. PELAYARAN MENARATAMA SAMUDRA INDAH

(Accommodation Work Barges)

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



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AWB. FLAMINGO

GENERAL

Type of Vessel : Accommodation Work Barge
Flag : Indonesia
Class : BKI
Port of Registry : Jakarta
Year Built : 2007, Accom. Construc. 2008
Call Sign : PMKL
MMSI No. : 525019397

DIMENSIONS

Length : 76.20 Metres (250')
Width : 21.34 Metres (70')
Depth : 4.88 Metres (16')
Gross Tonnage : 3,377 Tons
Net Tonnage : 1,014 Tons

DECK CRANE

: Crane not Available
(Main Deck Strength capable for Crane 300 Tons)

TANK CAPACITY (c/w coverdam)

Fuel Oil Tank : 285,642 Liters (Double Skin)
Fresh Water Tank : 844,489 Litres (Hard Cement Coating)
Ballast Tank : 1,286,724 Litres (Ballast Distribution System)
Sewage Tank : 100,000 Litres (Sewage Treatment System)
Sludge Tank : 104,000 Litres (Sludge 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 (156 KW), 3P, 50 Hz, 220/380 V
1 unit x 65 KVA, 3P, 50 Hz, 220/380 V "Mitsubishi"
Hydraulic Prime Mover Engine : 2 units x Komatsu S6D170 A1 /633 HP/1500 RPM
Fire Pump Engine : 2 units x Komatsu S6D140 A1 / 411 HP/1500 RPM
c/w Pump 2 x Torishima 200X150-400 cap.700 m3/hr
& Remote Control System at Radio Room.

MOORING SYSTEM

: **Total 8 points Mooring Winch**
c/w Operating Control Room w/ spec :
4 units Double Drum Hydraulic Mooring
System :
8 x wire rope IWRC dia. 38 mm x 1000 mtr
4.2 Tons Flipper Delta Anchor
Fixed Tension Meter
Pulling Speed = 23 - 26 mtr/minute
Pulling Capacity = 25 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 300 Amp. Rectifier BXI-250-2 ARC

CLEAR DECK SPACE

: 20 m X 29,5 m = 590 m2 (wooden deck)

LIVING QUATER

: 1992 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

: 3 units Reverse Osmosis Capacity 30 T/unit/day

ACCOMMODATION

Total 242 persons (Fully Air Conditioned)
2 Cabins x 1 person : 2 (c/w shower/toilet)
9 Cabins x 2 persons : 18 (c/w shower/toilet)
1 Cabin x 2 persons : 2
2 Cabins x 4 persons : 8 (c/w shower/toilet)
53 Cabins x 4 persons : 212

COMM. / NAVIGATION

SSB Radio : SAMYUNG SRG-1150DN MF/HF Radio
VHF Marine Radio : 2 units 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 Mobile Phone : 1 unit ACES BYRU
Satellite Telecommunication : VSAT Telp, Fax & Email.

FIRE FIGHTING EQUIPMENT

Fire Water Monitor : 2 units
Fire Pump : 2 units x Torishima 200 x 150
cap. 700 m3 /hr
Foam Tank : 1 unit
Fire Hose Station : 7 units
Portable Fire Extinguisher : 45 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
Emergency Shutdown Fuel Oil at Engine Room

SAFETY & SURVIVAL EQUIPMENT

Life Rafts : Cap. 525 persons
Life Jackets : 314 pcs
Life Buoy : 25 units
Stretcher : 1 unit
Work Vest : 30 pcs
Oxygen Respirator : 8 bottles
Resque Boat c/w Engine 25 HP Yamaha : 1 unit cap. 6 prs

LAUNDRY EQUIPMENT

Washing Machine : 3 x Unimax UC 60 MN2, cap 27 kgs
Tumble Dryer : 3 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
Safety Officer Room : 1 x w/chairs/table/file cabinet
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