

PT. PELAYARAN MENARATAMA SAMUDRA INDAH

(Accommodation Work Barges)
Member of INSA No. 433/INSA/XI/1989



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AWB. KINGFISHER

GENERAL

Type of Vessel : Accommodation Work Barge
Flag : Indonesia
Class : BKI
Port of Registry : Jakarta
Year Built : 2009, Accom. Construc. 2009

DIMENSIONS

Length : 82.30 Metres (270')
Width : 24.38 Metres (80')
Depth : 5.49 Metres (18')
Gross Tonnage : 4565 Tons
Net Tonnage : 1370 Tons

DECK MACHINERY : Pedestal Crane cap. 100 Tons, Boom Length 46m

TANK CAPACITY (c/w coverdam)

Fuel Oil Tank (2 units) : 267,847 Liters (Double Skin)
Fresh Water Tank (4 units) : 1,460,470 Litres (Hard Cement Coating)
Ballast Tank (4 units) : 1,291,795 Litres (Ballast Distribution System)
Sewage Tank (2 units) : 268,000 Litres (Sewage Treatment System)
Sludge Tank (1 unit) : 1,500 Litres (Sludge Treatment System)

ENGINE ROOM (Below Main Deck Double Bottom)

Main Generator Set : 3 units x 600 KVA (480 KW), 3P,50 Hz, 220/380 V
" Mitsubishi S6R - PTA " 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 195 KVA (156 KW), 3P,50 Hz, 220/380 V
" Mitsubishi 6D24 - T "
1 unit x 65 KVA (52 KW), 3P,50 Hz, 220/380 V
" Mitsubishi S6K "
Hydraulic Prime Mover Engine : 2 units x " Mitsubishi S6R - PTA " /670 HP/1500 RPM
c/w Parker Hydraulic Pump P 76 Double Section.
Fire Pump Engine : 2 units x " Mitsubishi S6B3 - PTA " /436 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 sets Waterfall Type Double Drum Hydraulic -
Mooring System :
8 x wire rope IWRC dia. 38 mm x 1000 mtr
5.2 Tons Flipper Delta Anchor
Fixed Tension Meter + Pay out meter
Pulling Speed = 23 - 26 mtr/minute
Pulling Capacity = 45 Ton

CENTRALISE PUMP CONTROL ROOM (Double Bottom)

FOR BALLAST TANK DISTRIBUTION SYSTEM

Ballast Pump : 2 x Grundfos NK 65-200 cap. 120 m3/hr
Daily Fuel Oil Pump : 2 x Sihi ZLNC 32-160 cap. 10 m3/hr
Daily Fresh Water Pump : 2 x Sihi ZLNC 32-160 cap. 10 m3/hr
4 x Sihi ZLNC 40-160A cap. 20 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 Series W 80 WG Cap. 80 m3/hour
Sprinkle Pump : 1 x Grundfos NK 80-200 cap. 200 m3/hr
WORKSHOP : Vertical Drill, Shaving Machine & Lathe Machine

WELDING SET : 2 x 300 Amp. Rectifier BXI-250-2 ARC

CLEAR DECK SPACE : 878 M2 (wooden deck)

LIVING QUATER : 2.920 M2

HELIDECK : Suitable for Sikorsky 61N

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 Cap. 30 Ton/unit/day

ACCOMMODATION

Total 275 persons (Fully Air Conditioned)

4 Cabins x 1 person : 4 (c/w shower/toilet)
1 Cabin x 3 persons : 3 (c/w shower/toilet)
6 Cabins x 2 persons : 12
64 Cabins x 4 persons : 256

COMM. / NAVIGATION

SSB Radio : MCMURDO GMDSS 2 Way RadioR2
VHF Marine Radio : 2 units Furuno VHF Model FM 8800
Handy Talkie Radio : 12 units Standard HX350S
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 : Inmarsat Telp, Fax & Email.
Internal Communication : 1 set (room to room)

FIRE FIGHTING EQUIPMENT

Fire Water Monitor : 2 units Caccialanza A4
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 : 87 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. 600 persons
Life Jackets : 477 pcs
Life Buoy : 30 units
Stretcher : 2 units
Work Vest : 23 pcs
Oxygen Respirator : 6 bottles
Rescue Boat c/w Engine 25 HP Yamaha : 2 unit cap. 6 prs

LAUNDRY EQUIPMENT

Washing Machine : 4 x Unimax UC 60 MN2, cap 27 kgs
Tumble Dryer : 4 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. 30 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