



PT. PELAYARAN MENARATAMA SAMUDRA INDAH

(Accommodation Work Barges)

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

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AWB. STORK

GENERAL

Type of Vessel : Accommodation Work Barge
Flag : Indonesia
Class : BKI
Port of Registry : Jakarta
Year Built : 2012, Accomm. Construc. 2013
Call Sign : JZXQ
MMSI No. : 525019666

DIMENSIONS

Length : 76:20 Metres (250')
Width : 24:40 Metres (80')
Depth : 4:88 Metres (16')
Gross Tonnage : 3.293 Tons
Net Tonnage : 988 Tons

DECK MACHINERY

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

TANK CAPACITY (c/w coverdam)

Fuel Oil Tank : 310.000 Liters (Double Skin)
Fresh Water Tank : 755.000 Litres (Hard Cement Coating)
Ballast Tank : 1.100.000 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 635 KVA, 3P, 50 Hz, 220/380 V "Mitsubishi" S6R2-PTA
c/w Synchronize System Power Output.
- Synchronizing, Load Sharing.
- Generator Protect : Over Current, Reverse Power
- Engine Protect : L O P, Temperature, Over Speed
- Load Monitor
Emergency Genset : 1 unit x 180 KVA (145 KW), 3P, 50 Hz, 220/380 V "Perkins"
1 unit x 70 KVA, 3P, 50 Hz, 220/380 V "Mitsubishi"
Hydraulic Prime Mover Engine : 2 units x Mitsubishi S6R-PTA / 555 KW/1500 RPM
Fire Pump Engine : 2 units x Mitsubishi S6B3-PTA / 360 KW

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
5 Tons Flipper Delta Anchor
Fixed Tension Meter
Pulling Speed = 67 mtr/minute
Pulling Capacity = 45 Ton

CENTRALISE PUMP CONTROL ROOM (Double Bottom)

FOR BALLAST TANK DISTRIBUTION SYSTEM

Ballast Pump : 2 x Cross NKG 100-65-200 cap. 132.6 m3/hr
Daily Fuel Oil Pump : 2 x Siemen & Hinsch ZLND 03160 cap. 8 m3/hr
Daily Fresh Water Pump : 2 x Sihi ZLND 32-200 cap 10 m3/hr
Transfer Fuel Oil Pump : 1 x Siemen & Hinsch ZLND 50-160 cap.70 m3/hr w/Flowmeter
Transfer Freshwater Pump : 1 x Cross ZLNC 50-160 cap. 70 m3/hr c/w Flowmeter
Sewage Pump : 2 x Rotor 80WG cap. 35 m3/hour
Sprinkle Pump : 1 x Grundfos NK 65-200 cap. 150 m3/hr
Grey Water Pump : 2 x Grundfos NK 32x125

WORKSHOP

: Vertical Drill, Shaving Machine & Lathe Machine

WELDING SET

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

CLEAR DECK SPACE

: 1,129 m2 (Wooden Deck)

LIVING QUATER

: 2.740 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

: 4 units Reverse Osmosis Cap. 30 T/unit/day

ACCOMMODATION

Total 239 persons (Fully Air Conditioned)

3 Cabins x 1 person : 3 (c/w shower/toilet)
2 Cabins x 2 persons : 4 (c/w shower/toilet)
8 Cabins x 2 persons : 16
3 Cabins x 4 persons : 12 (c/w shower/toilet)
45 Cabins x 4 persons : 180
4 Cabins x 6 persons : 24

COMM. / NAVIGATION

SSB Radio : SAMYUNG SRG-3150DN MF/HF Radio
VHF Marine Radio : 1 units Samyung STR-600A GMDSS
1 unit VHF Marine
Handy Talkie Radio : Standard HX350S - 8 sets
Wind Speed Indicator : 1 unit RM Young Wind Anemometer
GPS : 1 unit Furuno GP-31 S
Radar : 1 unit Furuno 1935 10" Color LCD
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 Accomm.
Emergency Shutdown Engine at outside Engine Room
Emergency Shutdown Fuel Oil at Engine Room

SAFETY & SURVIVAL EQUIPMENT

Life Rafts : Cap. 500 persons
Life Jackets : 425 pcs
Life Buoy : 25 units
Stretcher : 1 unit
Work Vest : 30 pcs
Oxygen Respirator : 8 bottles
Resque 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 : 3 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