

# PT. PELAYARAN MENARATAMA SAMUDRA INDAH

(Accommodation Work Barges)

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



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## AWB. MSI 8

### GENERAL

Type of Vessel : Accommodation Work Barge  
Flag : Indonesia  
Class : BKI  
Port of Registry : Jakarta  
Year Built : 1988, Accom. Construc. 2008  
Call Sign : YGYD

### DIMENSIONS

Length : 54,86 Meters ( 180' )  
Width : 15,24 Meters ( 50' )  
Depth : 3,20 Meters ( 10.5' )  
Gross Tonnage : 1.191 Tons  
Net Tonnage : 358 Tons

### DECK CRANE

: Not Available  
( Capacity Deck Strength capable for Crane 150 Tons )

### TANK CAPACITY

Fuel Oil Tank : 269 m<sup>3</sup>, 230 tons Double Skin  
Fresh Water Tank : 369 m<sup>3</sup>, 369 tons Hard Cement Coating  
Ballast Tank : 445 m<sup>3</sup>, 445 tons Ballast Distribution System  
Sewage Tank : 445 m<sup>3</sup>, 445 tons Sewage Treatment System

### ENGINE - GENERATOR SET

Main Generator : 3 units x 260 KVA, 3P, 50 Hz, 220/380 V "Mitsubishi"  
Emergency Genset : 1 unit x 60 KVA, 3P, 50 Hz, 220/380 V "Mitsubishi"  
Fire Pump Engine : 1 unit x capacity 400 m<sup>3</sup>/hr "Torishima"

### MOORING SYSTEM

: **Total 8 points Mooring Winch**  
**c/w Operating Control Room w/ spec :**  
8 units Single Drum Electric Mooring System  
System:  
Electric Motor Capacity Power = 30 kw  
8 x wire rope IWRC dia. 32 mm x 1000 mtr  
4 tons Flipper Delta Anchor

### CENTRALISE PUMP CONTROL ROOM (Double Bottom)

Ballast Pump : 2 x 11 kw cap. 70 m<sup>3</sup>/hr  
Daily Fuel Oil Pump : 2 x 3 kw cap. 3.4 m<sup>3</sup>/hr  
Daily Fresh Water Pump : 2 x 3 kw cap. 6 m<sup>3</sup>/hr  
Transfer Fuel Oil Pump : 1 x 11 kw cap. 70 m<sup>3</sup>/hr c/w Flowmeter  
Transfer Freshwater Pump : 1 x 11 kw 70 m<sup>3</sup>/hr c/w Flowmeter  
Sewage Pump : 2 x 11 kw cap. 63.5 m<sup>3</sup>/hr  
Sprinkle Pump (Main) : 1 x 11 kw cap. 70 m<sup>3</sup>/hr c/w Flowmeter  
Sprinkle Pump (Jockey) : 1 x 1.5 kw cap. 6 m<sup>3</sup>/hr

### WELDING SET

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

### CLEAR DECK SPACE

: 19 M x 15 M = 285 m<sup>2</sup>

### LIVING QUATER

: 651 m<sup>2</sup>

### COLD STORAGE CAPACITY

Walk In Chiller : 1 unit (14.07 m<sup>3</sup>)  
Walk In Freezer : 1 unit (17.34 m<sup>3</sup>)  
Refrigerator reach in Chiller & Freezer : 1 unit cap. 900 Ltr

### WATER MAKER

: Reverse Osmosis Capacity 30 T/Unit

### ACCOMMODATION

Total 92 persons (Fully Air Conditioned)

1 Cabin x 1 person : 1 (c/w shower/toilet)  
1 Cabin x 2 persons : 2 (c/w shower/toilet)  
3 Cabins x 2 persons : 6  
17 Cabins x 4 persons : 68  
1 Cabin x 6 persons : 6  
1 Cabin x 8 persons : 8  
1 Cabin x 1 person : 1 (only for clinic)

### COMM. / NAVIGATION EQUIPMENT

SSB Radio : 1 unit ICOM 707  
VHF Marine Radio : 1 unit ICOM M-59  
Handy Talkie Radio : 4 sets IC M3A  
Wind Speed Indicator : 1 unit Weather Wizard III Davis  
GPS : 1 unit Furuno GP-31 S  
Radar : 1 unit Furuno FR 1721 MK2  
Paging System : Complete set TOA  
Satellite Mobile Telephone : 1 unit ACES BYRU

### FIRE FIGHTING EQUIPMENT

Fire Gun Monitor : 1 unit  
Fire Pump : 1 unit "Torishima" 200 x 150  
cap. 250 m<sup>3</sup>/hr  
Foam Tank : 1 unit  
Fire Hose Station : 7 units  
Portable Fire Extinguisher : 26 units  
Fire Alarm System : Heat & Smoke Detector  
Fireman Suits & SCBA : 2 sets c/w 4 spare units bottles O2  
Engine Room protected by CO2 System  
Sprinkle System at Accomodation 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 : 8 units. Total cap. 200 persons  
Life Jackets : 200 pcs  
Life Buoy : 20 units  
Strecher : 1 unit  
Work Vest : 30 pcs  
Oxygen Respirator : 4 bottles  
Rescue Boat : 1 unit c/w engine 'Yamaha' 25 HP  
capacity 6 persons

### LAUNDRY EQUIPMENT

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

### TOILET / SHOWER

Communal Toilet / Shower : 2 x each Floor, Hot & Cold System

### OTHER FACILITIES

Clinic Room : 1 x single berth c/w wash basin  
Radio Room : 1 x c/w radio/navigation equipment  
Office Room : 1 x w/chairs/table/filing cabinet  
Mess Room : Cap. 25 persons c/w dining eqmt.  
Prayer Room : 1 cabin  
Recreation Room : 1 x w/ TV Cable & Audio System