



ANGGOTA INSA  
NO : 1482/INSA/V/2008

Perusahaan Pelayaran & Angkutan Laut  
**PT. KARYA JAYA SAMUDERA**

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# TB.KJ-03



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**Type Of Vessel**

TUG BOAT  
Builders : Banjarmasin , 2005  
Flag : Indonesia  
Classification : BKI  
Call Sign : YD 6983  
IMO Number : 9096040

**Dimension**

Length : 25.01 M  
Breadth : 7.80 M  
Depth : 3.50 M  
Draught : 2.90 M  
GRT : 200  
NRT : 60

**Anchor**

2 unit Anchor cap @ 300 Kgs w/ Chain's Length @ 135 mtrs

**Tank Capacities**

Fuel : 130.000 ltr  
Water : 40.000 ltr

**Navigation / Communication**

Radar : Furuno 24 mill RGP 098 1721 mark-2  
Echo Sounder : Furuno FCV 667  
SSB : ICOM IC - M 700 Pro  
: ICOM IC - M 45 VHF Marine  
GPS : Furuno GP 32  
Sat comm : Satelite Pasti  
Compass : Daiko Keiki 8"  
EPIRB : Samyung Type SEP 406

**Propulsion / Machinery**

2 x Main Engine ( Caterpillar Type Cat D-399 )  
each 1200 HP ; 1200 RPM with 2 x Gear Box  
Type CAT 7261 Ratio 1 : 4.24  
2 x Auxiliary Engine 40 KVA  
Type : Mitsubishi 4D32SN  
1 x Emergency A/E 15 KVA Type : Yanmar TS-230R

**Accomodation**

12 Persons

**Speed**

Maximum Speed : 9 knots ( Free Running )  
Economic Speed : 8 knots ( Free Running )

**Safety Equipment**

2 Life Raft with Capacity 10 Persons  
15 Life Jacket & Helmet  
10 Ring Buoy  
2 Signal Parachute

**Fuel Consumption**

Main Engine : Maximum Speed 5.5 T / Day  
: Economic Speed 5.0 T / Day  
Auxiliary Engine : 144 ltrs / Day

**Other Equipment**

Oil Water Separator  
Travo for weld Cap 20 KVA  
4 unit Air Condition  
1 unit Refrigerator  
1 set Audio w/ Indovision  
1 set Kitchen Equipment

**Fire Fighting**

8 Fire Extinguisher consist :  
: 6 unit Fire Foam @ 6 kgs  
: 2 unit CO2 @ 6 kgs  
Spare Pump : 2 unit Alcon  
: 1 unit Electric Pump

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