



BUILT 2005 MOTOR SHIP TWIN SCREW



GENERAL DETAIL

Type	: Motor Ship Twin Screw Towing, Diving Support Tug,, SBM Maintenance,
Built	: Oct'2005
Classification	: IRS

PRINCIPAL DIMENSIONS

Length (Over All)	: 32.80 m
Breadth (Molded)	: 10.65 m
Depth (Molded)	: 4.9 m
Draft (Summer)	: 3.2 m
Gross / NRT	: 390 / 117 tons
D.W.T	: 150.98 tons
Bollard Pull (Present)	: 45 Tons @ 90 % MCR

TANK CAPACITY

Fuel oil Tank	: 50. MT
Fresh Water Tank	: 75 MT
Lub Oil Sump tank	: 2. MT
Oil dispersant Tank	: 5 MT
Sewage tank	: 10 MT
Dirty Oil tank	: 08 MT

Speed	: 10 Knots
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DECK SPACE / CARGO CAPACITY	: 14 mtrs x 10 mtrs = 140 Sq M. 30 Tons (Approx)
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HULL PARTS:

Type	: Steel
Number of Decks	: One
Number of Masts	: One
Stem	: Raked / Transom
Build	: Carvel
Number of Bulkheads	: Four (4)

MACHINERY PARTS

Main Engine	: 2 x WARTSLA 9 L20
Type	: 2 x 1710KW @ 1000 rpm
Power	: 95 Ltrs/Eng/Hr.
Consumption (MDO.Ltrs. Per Hrs)	: 2 tons
Consumption (fresh water)	

AUX ENGINE

Make	: 2 X 6SL9088 TAI KIRLOSKAR
Power	: 2 x 166 BHP @1500 RPM
Alternator (KVA)	: 2 x 125 KVA :415 V C.Greaves
Consumption	: 20 Ltrs./Eng/Hrs.

HARBOUR GENERATOR

Model	: 4 R 1040 TA
Make	: KIRLOSKAR
Power	: 105 BHP @1500
Alternator (KVA)	: 60 KVA :415 V C. Greaves
Consumption	: 12 Ltrs.. Per Hr.

OILY WATER SEPERATOR

Make	: COFFIN WORLD W/SYST
Model	: SEP-500 OCD CM
Pump Motor	: 415V, 50HZ, 3PH
Press //P/Power	: 30 PSI , 0.65KW

TOWING ARRANGEMENT

Towing Hook	: 75 Tons
Towing Lines	: 200 Mtrs.

TOWING WINCH

Towing Winch (AFT)	: 20 MT at 0-20M/Min
Drum Capacity	: 500M Steel wire rope 32 mm dia
Control	: Local and remote
Tugger Winch	: 05 Tons at 0-15 mtrs/min
Drum Capacity	: 20 mm dia wire rope 80 mtrs
Control	: Local

CRANE	: SWL 3 T
	Electro Hyd. at 10 Moutreach

ANCHOR WINDLASS

	: 02 nos. 570 Kgs Electrically OPS
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NAVIGATIONAL EQUIPMENT

VHF	: Sailor RT 4822
Walkie Talkie	: Sailor SP 3300
Radar	: Kodon Elect x Brand 24 NM
GPS	: Kodon KGP-913
Echo Sounder	: Kodon CVS-118
Sat-C	: Yes
Int.VHF Radio	: Yes
Azimuth Minror	: Yes
Mag. Compass	: 01 no
AIS	: AIS "B"



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ITM SHIPS & BOATS TRADING L.L.C

Navtex : GMC NT/900 MRI
Sear Light : 02 nos 1000 KW
Flood Light : 02 nos. 1000 KW

LIFE SAVING APARATUS

Life Jackets : 21 nos.
Life Buoy : 08 nos.
Life Rafts : 04 nos.

FIRE EXTINGUISHING

Mech. Foam FE : 45 Ltrs – 01 nos 09
Ltrs – 03 nos.
D.C.P. : 10 Kg - 09 nos
Fire hoses : 64 mm – 05 nos
Jet spray Nozzles : 05 nos. :
Fire Bucket : 03 nos
FiFi pump Capacity : 02 x 1350 m3 / Hr.
@120 Mtrs head AGNI
-1 / FiFi 1

ACCOMMODATIONS

Crew : 09 nos.
Officer : 02 nos.
Total Accommodation : 18 persons including
Crew members

PROPULSION

: LIPS WARTSLA

CS225/WN-K Control Pitch Propeller (CPP) for
minimize Bunker consumption / 360 deg
Azimuth Stern Drive

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