

# 80 TON BP ANCHOR HANDLING TUG CUM SUPPLY VESSEL



## General

Yard No. : 0207  
 Delivery Date : 02.01.2008  
 Basic Functions : Handling anchors, chain piggy back anchors & suit casing anchors of pipe laying barges, towing of barges, semisubmersible & other vessels  
 Classification : DNV + IAI Tug Supply Vessel Basic, SF Dynpos AUTR, Fire Fighter 1

## Dimensions

Length Overall : 63.40 M  
 Length bp : 58.40 M  
 Breadth mld. : 15.00 M  
 Depth mld. : 6.00 M  
 Design Draft : 4.90 M  
 Dead Weight : 2176 Tons  
 Clear Deck Area : 440m<sup>2</sup>  
 Deck Cargo Carrying Capacity : 950T

## Performance

Bollard Pull : 86.4 Tonnes  
 Speed : 13.9 Knots

## Tank Capacities

Potable Water : 344 m<sup>3</sup>  
 Dissel Oil : 895 m<sup>3</sup>  
 Liquid Mud : 318 m<sup>3</sup>  
 Brine : 318 m<sup>3</sup>  
 Ballast Water : 334 m<sup>3</sup>  
 Dry Bulk : 180 m<sup>3</sup>  
 Foam : 11.21 m<sup>3</sup>  
 Dispersant : 14.40 m<sup>3</sup>

## Accommodation

Officers : 8 Officers }  
 Crew : 18 Men } 26

## Main Propulsion Machinery

Main Engines : 2 x Mak 8 M 25 developing 2640 kW at 750rpm  
 Propulsion : 2 x Berg BCP 850 Controllable Pitch Propellers  
 Thrusters : 3 x HRP 4007 TT, 515kW

## Auxiliary Machinery

Shaft Generators : 2 x AEM Model SE450 L4-1200 x 2  
 Auxiliary Generators : 2 x CUMMINS K19 - CP 400 DM/6 400 kW x 2  
 Emergency Generators : CUMMINS 6B - CS92 DM/6 - 92 kW x 1

## Deck Machinery

Anchor Windlass : NORCRANE  
 Anchor Handling Winch : NORCRANE NCW AHW 150/250/7  
 Capstan : NORCRANE NCW HC - 10T

## Navigation & Communication Equipment

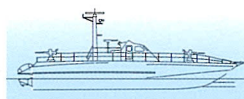
Radar - X Band : FURUNO FR 2117 - 12kW  
 Radar - S Band : FURUNO FR 2137 S - 30kW  
 Echo Sounder : FURUNO FE 700  
 EPIRB : SAILOR - SE406 - 11(406MHZ)  
 Compass (Gyro) : RAYTHEON - STD - 22 (Anschnetz)  
 Speed Log : FURUNO DS - 80  
 SART : SAILOR (9GHZ) SART 11  
 Auto Pilot : NANOPILOT - NP60  
 Compass Magnatic : CASSENS & PLATH (Reflecta - 1)  
 Fleet - 77 : SAILOR  
 DGPS : FURUNO GP - 150  
 VHF Radio with DSC : SAILOR RT 5022  
 VHF GMDSS (Portable) : SAILOR SP 3300  
 AIS : FURUNO FA 150

## Internal Communication

Public Adress System : IMCOS  
 Sound Power Telephone : IMCOS  
 Automatic Telephone : IMCOS

## Owner

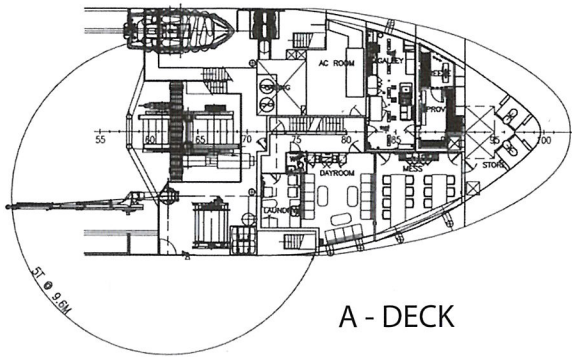
GREATSHIP (INDIA) LIMITED



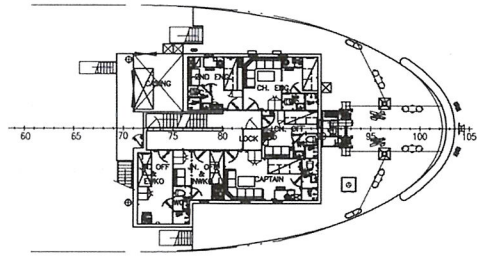
**Colombo Dockyard PLC**  
 Ship Builders, Repairers & Heavy Engineers



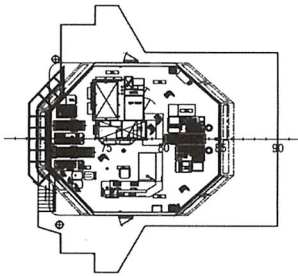
Port of Colombo, Sri Lanka. Tel: +94 11 2429000, Fax: +94 11 2471335  
 E mail: princeton@cdl.lk, Web: www.cdl.lk



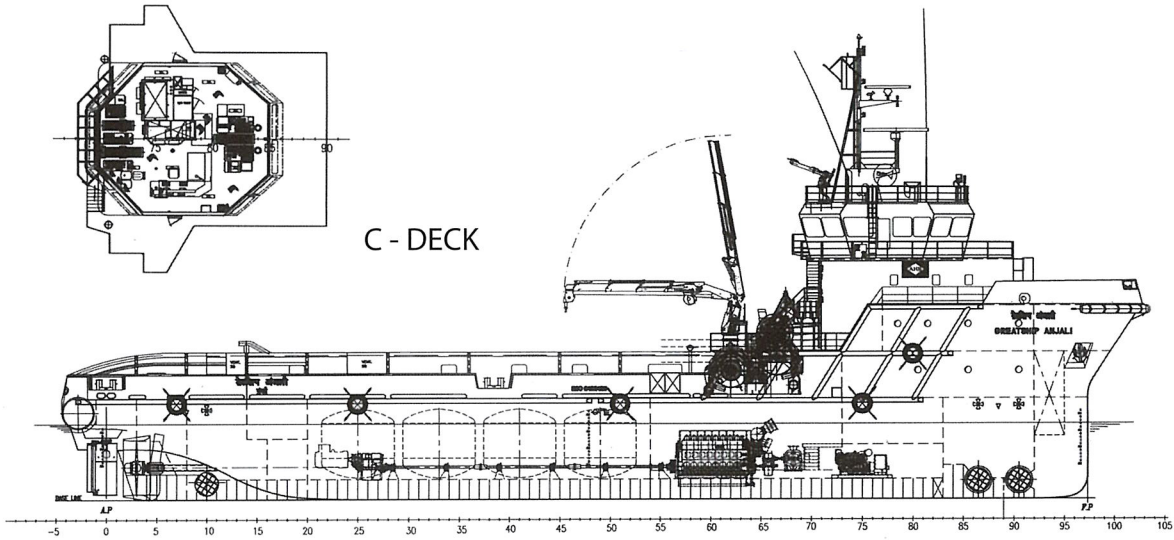
A - DECK



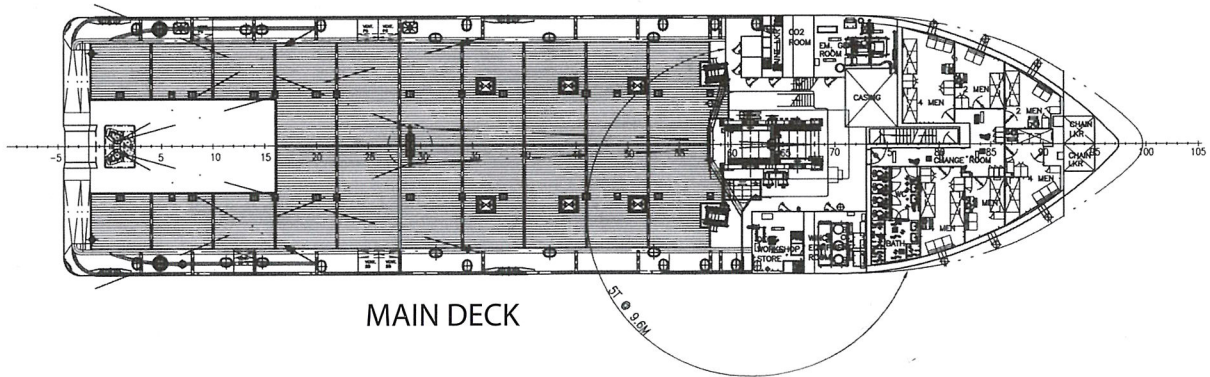
B - DECK



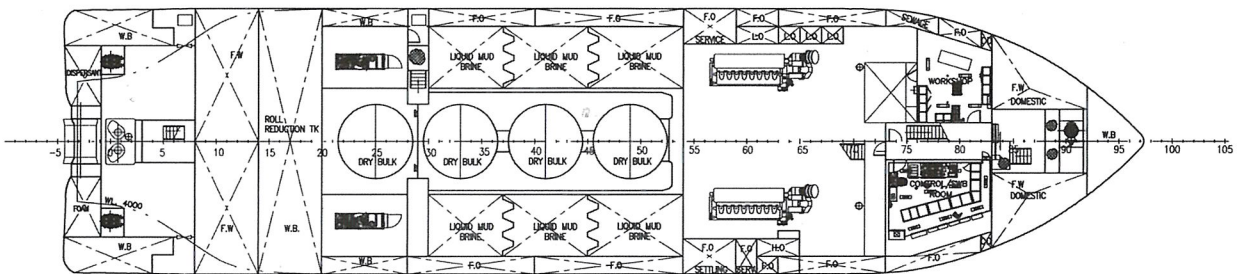
C - DECK



PROFILE



MAIN DECK



BELOW MAIN DECK