

**48.0M OCEAN GOING TOWING & UTILITY TUG
UT "DAUNTLESS"**



SPECIFICATION

DIMENSIONS

Length Overall: 47.57M
 Breadth Moulded: 11.58M
 Depth Moulded: 3.96M
 Design Draft: 2.70M(Light)/3.40M(Max)
 Deadweight: 600.00 Metric Tonnes
 Tonnage: 376.00 GRT / 173.00 NRT
 Deck Space : 23.0N x 9.0M/Total : 207.00M2

MACHINERY:

Main Engines: 2 x CATERPILLAR D399TA
 1090HP
 Total Horse Power: 2180HP

 Auxillary Engines: 2 x CATERPILLAR D3304C
 Alternators: 2 x 100KVA/220/440V/60Hz
 Propellers: MANGANESE BRONZE/4
 BLADE
 4 BLADES x 2 SETS/Dia. 1900mm
 FIXED PITCH

 Bow Thruster: 1 x 1.70 Tons HYDRAULIC
 Sewage Treatment Plant: FITTED
 Steering System: HYDRAULIC/FORE & AFT
 CONSOL
 Oily Water Separator: FITTED
 Fuel Transfer Pump: GEAR PUMP 30M3/40M HEAD
 Bilge & Ballast Pump: CENTRI PUMP 25M3/30M HEAD

CAPACITY:

Fuel Oil: 320M³
 Fresh Water: 360M³
 Lub Oil: 3M³
 Dirty Oil: 5M³
 Freezer/Cold Room 5M3/6M3
 Clear Deck Area: 23.0M X 9.0M = 207M2
 Deck Strenght: 4.0 Tons/M2

RADIO/ NAVIGATION:

GMDSS Station: COMPLY GMDSS A1, A2 + A3
 VHF: Yes (2 units)
 Magnetic Compass: Yes (1 unit)
 Gyro Compass: Yes (1 unit)
 Auto Pilot: Yes (1 unit)
 Radar: Yes (2 units)
 Echosounder: Yes (1 unit)
 INMARSAT-C Yes (1 unit)
 Navtex Receiver: Yes (1 unit)
 GPS: Yes (2 units)
 GPS Plotter Yes (1 unit)
 AIS Yes (1 unit)
 Weather Sat Yes (1 unit)

REGISTRATION:

Year complete 1969 / Re-built 2008
 Builder: AMERICAN MARINE CORP. USA
 IMO No. 7029847
 Port of Registry: Ulaan Baatar
 Class: SingClass International
 H*SC1 M*SC-M1
 Owner: Ocean Solution Maritime Mgmt SB.

DECK EQUIPMENT, WINDLASS & MOORING:

Towing Hook MAMPAEY QUICK RELEASE
 30tons SWL
 Bollard Pull 32.00 Tons
 Pedestal Crane: 1.2Tons SWL(S)/10Tons SWL(P)
 Windless: Fore & Aft Electric Motor Driven
 Anchors: Bow & Aft 2 X DANFORTH STOCKLESS
 ANCHOR 2000KGS

 Anchor Chain: Bow 2 x 32mm Dia x 12 Shackles
 Anchor Rope: Aft 2 x 28mm x 150M,

SAFETY & FIRE-FIGHTING:

Liferaft: 2 X 25 MEN
 Portable Fire Extinguisher: DRY POWDER
 FOAM
 WATER CHEMICAL
 Fire Pump: 2 x 36M³/HR @ 60M HEAD
 Emergency Fire Pump: 2" PORTABLE DIESEL
 ENGINE DRIVEN PUMP
 Fire Protection System: ENGINE ROOM FIXED CO₂
 FLOODING SYSTEM.
 ACCOMODATION-SMOKE
 & FIRE DETECTION
 SYSTEM & INSULATED.
 CEILING & PANELING
 OF CLASS APPROVED
 HARD CORE.

PERFORMANCE:

Speed: About 10.0 Knots at sea trial max
 Fuel Consumption: 7.50tons MDO per day

DECK COVERING:

Steel Flooring

FENDERING:

TYRE RUBBER FENDER

TRANSFER RATES:

FUEL: 30CBM/40M HEAD
 WATER: 25CBM/30M HEAD
 25 CUBIC METER PER HOUR
 @40M HEAD

ACCOMMODATION:

CREW X 12 BUNKS
 SPARE X 16 BUNKS
 CABIN X 10
 FULLY AIRCONDITION