

**36.0M OCEAN GOING TOWING & UTILITY TUG
UT "INTREPID"**

SPECIFICATION

DIMENSIONS

Length Overall: 36.20M
 Breadth Moulded: 9.50M
 Depth Moulded: 3.60M
 Design Draft: 3.18M
 Deadweight: 750.00 Metric Tonnes

Tonnage: 385.00 GRT / 115.00 NRT

Deck space 22.00m x 7.50m /Total 165.00m2

MACHINERY:

Main Engines: 2 x OTSUKA / SOD HS6/26
 800BHP @ 420RPM

Total Horse Power: 1600BHP

Auxillary Engines: 2 x YANMAR / 6HAL-HTN
 150BHP @ 1500RPM

Alternators: 2 x 125KVA/225-415V/50Hz

Propellers: MANGANESE BRONZE/4 BLADE
 4 BLADES x 2 SETS/Dia. 1500mm
 FIXED PITCH

Bow Thruster: 1 x 1.70 Tons Electric Driven

Sewage Treatment Plant: Japan Made
 Steering System: ELECTRO-HYDRAULIC C/W
 FORWARD AND
 AFT CONSOLES

Oily Water Separator: Japan Made
 Fuel Transfer Pump: Gear Pump
 60M³/HR @ 40M HEAD

Bilge & Ballast Pump: Centri Pump
 30M³/HR @ 30M HEAD

CAPACITIES:

Fuel Oil: 197M³
 Fresh Water: 93M³

Lub Oil: 3M³
 Dirty Oil: 5M³
 Freezer/Cold Room 5M3/6M3
 Clear Deck Area: 22.00M X 7.50M = 165M2
 Deck Strenght: 3.0 Tons

COMMUNICATIONS & NAVIGATION EQUIPMENT:

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)

Above subject to change

ACCOMODATION:

Crew: 10 men
 Spare Bunk: 12 men
 Cabin: 8
 Fully Air-con

REGISTRATION:

Year complete 1983
 Builder: Matsuo Shipbuilding Co Ltd, Japan
 IMO No. 8220137
 Port of Registry: Ulaan Baatar
 Class: SingClass International
 H*SC1 M*SC-M1
 Owner: Ocean Solution Maritime
 Management Sdn Bhd.

WINDLASS & MOORING:

Towing Winch: Single drum Line Pull 165T, Brake rate 300T
 Towing Wire 32mm x 400M
 Bollard Pull: 23T
 Tugger Winch: 1 x 3T
 Windlass: Bow & Aft 4 x 3.5T 9M/MIN

Anchor Chain: Bow 4 X DANFORTH STOCKLESS
 ANCHOR 1000KGS
 2 x 28mm Dia x 10 Shackles

Anchor Wire: Aft 2 x 44mm x 150M,

SAFETY & FIRE-FIGHTING:

Liferaft: 3 X 25 MEN
 Portable Fire Extinguisher: DRY POWDER
 FOAM
 WATER CHEMICAL
 Fire Pump: 450M³/HR @ 120M 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 & PANNELLING
 OF CLASS APPROVED
 HARD CORE

PERFORMANCE:

Speed: About 10.0 Knots at sea trial max
 Fuel Consumption: 5.20tons MDO per day

Shark Jaw NA
 Towing pin Yes
 Stern roller NA

DECK COVERING:

Steel Flooring

FENDERING:

TYRE RUBBER FENDER
 Bow & Aft

External Fire Fighting

NA

TRANSFER RATES:

Fuel 60 CUBIC METER PER HOUR
 @ 40M HEAD
 Water 30 CUBIC METER PER HOUR
 @40M HEAD