

**40M OCEAN GOING TUG CUM ANCHOR HANDLING/SUPPLY VESSEL
AHTS "CONFIDENCE"**

SPECIFICATION

DIMENSIONS

Length Overall: 39.68M
 Breadth Moulded: 11.58M
 Depth Moulded: 5,79M
 Design Draft: 5.39M
 Deadweight: 769.64 metric tonnes

Tonnage: 297.77 GRT / 157.67NRT

Deck space 10.00m x 9.50m /Total 95.00m2

MACHINERY:

Main Engines: 2 X POLAR NOHAB SF112-VS
 2100BHP @ 750RPM

Horse Power: 4200BHP

Auxillary Engines: 2 X DETRIOT DIESEL V-17
 200BHP @ 1500RPM

Alternators: 2 x 150KVA/225-415V/60Hz

Propellers: MANGANESE BRONZE/4 BLADE
 SOLID WITH KEY DIA 3.65M
 FIXED PITCH

Bow Thruster: NA

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
 25M³/HR @ 30M HEAD

Bilge & Ballast Pump: Centri Pump
 20M³/HR @ 25M HEAD

CAPACITIES:

Fuel Oil: APPROX 592M³
 Fresh Water: APPROX 230M³

Lub Oil: APPROX 10M³
 Dirty Oil: APPROX 5.5M³
 Industry Icebox Na
 Clear Deck Area: 10.00M X 9.50M/95m2

COMMUNICATIONS & NAVIGATION EQUIPMENT:

GMDSS Station: COMPLY GMDSS A1, A2 + A3
 VHF: Yes (4 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: 8 men
 Cabin: 8
 Fully Air-con

REGISTRATION:

Year complete 1981/Rebuilt 2008
 Builder: Amai Shipbuilding Co., Ltd, Japan

Port of registry: Ulaan Baatar
 Class: SingClass International
 H*SC(Tug & AHTS) M*SC-M1
 Owner: Ocean Solution Maritime
 Management Sdn Bhd.

WINDLASS & MOORING:

Towing Winch: double drum Line Pull 165T, Brake rate 300T
 Towing Wire 56mm x 700M
 Bollard Pull: 52T
 Tugger Winch: 1 x 1.5T
 Windlass: 1 x 10T 12M/MIN

Chain: 1 X DANFORTH STOCKLESS
 ANCHOR 1000KGS
 32mm Dia X 10 Shackles

Mooring drum 72mm x 150M,

SAFETY & FIRE-FIGHTING:

Liferaft: 3 X 25 MEN
 Portable Fire Extinguisher: DRY POWDER
 FOAM
 WATER CHEMICAL
 Fire Pump: 360M³/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 & PANELLING
 OF CLASS APPROVED
 HARD CORE

PERFORMANCE:

Speed: About 10.0 Knots at sea trial max
 Fuel Consumption: 10.50tons MDO per day

Shark Jaw NA
 Towing pin NA
 Stern roller 220t

DECK COVERING:

Steel Flooring

FENDERING:

TYRE RUBBER FENDER
 Bow & Aft

External Fire Fighting NA

TRANSFER RATES:

Fuel 25 CUBIC METER PER HOUR
 @ 30M HEAD
 Water 20 CUBIC METER PER HOUR
 @25M HEAD