

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



SPECIFICATIONS

DIMENSIONS

Length Overall:	39.68M
Breadth Moulded:	11.58M
Depth Moulded:	5.79M
Design Draft:	5.39M
Deadweight:	769.64 metric tonnes
Tonnage:	297.77GRT / 157.67NRT
Deck Space:	10.00M x 9.50M / Total 95.00M ²

MACHINERY

Main Engines:	2 x POLAR NOHAB SF112-VS 2100BHP @ 750RPM
Horse Power:	4200BHP
Auxiliary 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 25M ³ /HR @ 30M HEAD
Bilge & Ballast Pump:	Centri Pump 20M ³ /HR @ 25M HEAD

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

WINDCLASS & MOORING

Towing Winch: Double Drum	Line Pull 165T, Brake Rate 300T
Towing Wire:	52mm x 1000M
Bollard Pull:	57T
Tugger Winch:	1 x 1.5T
Windclass:	1 x 10T 12M/MIN
Anchor:	1 x DANFORTH STOCKLESS ANCHOR (1000KGS)
Chain:	34mm DIA x 10 Shackles
Mooring Drum:	72mm x 150M

SAFETY & FIRE FIGHTING

Life Raft:	3 x 25 men
Portable Fire Extinguisher:	DRY POWDER FOAM WATER CHEMICAL
Fire Pump:	360M ³ /HR @ 120M HEAD
Emergency Fire Pump:	2" PORTABLE DIESEL ENGINE ENGINE DRIVEN PUMP
Fire Protection System:	- ENGINE ROOM FIXED CO ² FLOODING SYSTEM

CAPACITIES

Fuel Oil:	APPROX 592M ³
Fresh Water:	APPROX 230M ³
Lube Oil:	APPROX 10M ³
Dirty Oil:	APPROX 5.5M ³
Industry Icebox:	NA
Clear Deck Area:	10.00M x 9.50M/95M ²

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)
IMMARSAT-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	

- 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:	7.50 tons MDO per day
Fuel Grade:	Marine Diesel Oil
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

GENERAL ARRANGEMENT



LENGTH O.A.	43.88 M
LENGTH B.P.	39.62 M
BREADTH MOULDED	11.58 M
DEPTH	5.79 M
DRAFT	4.88 M
GROSS TONNAGE	297.77 TONS
MAIN ENGINE	2,100HP x 2
AUX GENERATOR	150 KW x 2
COMPLEMENT	18 PERSONS
CLASS : SINGCLASS	OCEAN COIN



AHTS "CONFIDENCE"

OCEAN SOLUTION MARITIME MANAGEMENT SDN BHD.	DRAWING NO.		TASK NO.	SHT OF
	AWN BY	DATE		
	NAUTIK			
	CKED BY	DATE	DWG. SCALE	REV
			1:100	
NO.	A/N 28		PLOT SCALE	1:10