



12240BHP / BP 153MT / DP-2 AHTS VESSEL SPECIFICATION

General

Flag	China
Port Of Registry	Shanghai
Year	2010-8
Builder	Wuchang Shipyard
Classification	CCS CSA5/5 TUG-CSM,FF1,ICB2
Class No.	
Ice Class	ICB II
Official No.	
IMO No.	TBD
MMSI No.	
Max Speed	15.5kn At Full Loaded Draft
Endurance	50days
Accommodation	39person
Bollard Pull	1500kn/ 153 MT
Navigation Area	Unrestricted

Dimensions

Length O. A	75.00 m
Breadth	16.80 m
Depth	8.00 m
Summer Draught	6.50 m
Gross Tonnage	3,123 MT
Net Tonnage	2,430 MT
Suez Tonnage	
PanamaTonnage	
Full Load Displacement	5,421 MTons
Light Weight	3,032 MTons

Machinery

Main Engine	Man 9132/40,
Power	4500kw 750rpm x 2 sets
Propeller	Twin Screw CPP
Generator	Man 7116/ 24 600kw x 2 sets 380v/3ph/50 Hz.
Bowthruster	12 tons (765kw)
Stern Thruster	10 tons (641kw)
Rudder	Twin Rudder
Tank Capacity	Fuel Tanks: (Ifo 180) 1600 Cub. m
	Diesel Tanks 250 Cub.m
	Fresh Water Tanks 200 Cub.m
	Ballast Tanks 1450 Cub.m
	Lub.oil 114 Cub.m

Towing Winch And Gear

Type	Ini-electroc/hydraulic200t-6.5m/min, 75t-20m/min, 10t-40m/min, Brake 360 Tons
Brake	360 Tons
Towing Wire	φ70mm x 1500m x 2
Spare Wire	φ70mm x 1500m x 1

Deck Equipment

Anchor	2.85t x 2sets
Anchor Chain	42mm x 330m x 2sets
Windlass	11.6t 0-9m/min (15.0t 0-15m/min)
Towing Hook	NIL
Towing Pin	Hydraulic Pin 40tons
Capstan Winch	5t x 2sets
Gop Wire Winch	10t x 1set, 20t x 1set
Crane	10/4 Tons, Out Reach 7/14m
Workboat	5.5m 6 Persons Min.speed 6 Kts
Shark Jaw	300tons

Firefighting

Fire Pump	600 Cub.m x 2 Driven By Main Engine 100m/hr At 80m Head Driven By Electro-motor
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Navigation

Gyro And Magnetic Compass Connected To Autopilots And Radars/GPS	
Arpa Radar Arpa	Far-2827 Furuno
Radar	Far-2837s Furuno
DGPS	Gp-90 Furuno
Echo Sounder	Fe-700 Furuno
Weather Facsimile	Furuno

Communication

Full GMDSS Radio System For Safety
2sets VHF Radio
2sets DSC Controller And Watch Equipment
MF/HF Radio Equipment
Inmarsat-c And Inmarsat-f

Salvage Equipment

Yokohama Fender	Dia 1.5mx2.5m x 4sets
Welding Machinery	400ah x 1set
Mud Pump	6 In x 200 Cub.m/h x 30 m= 2sets 6 In x 200 Cub.m/h x 20 m= 1sets

The specification is given in good faith but are without guarantee.