



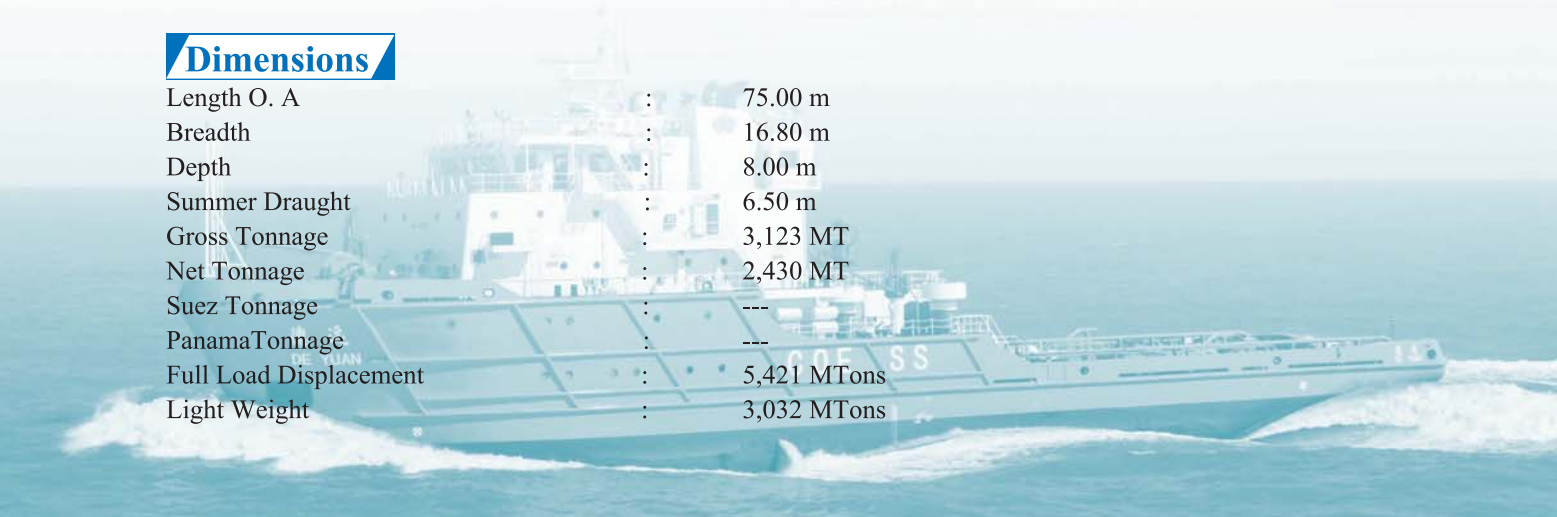
# Vessel Specification “De Yuan”12240BHP

## 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.	:	9493858
MMSI No.	:	---
Max Speed	:	15.5kn At Full Loaded Draft
Endurance	:	50days
Accommodation	:	39person
Bollard Pull	:	1500kn
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	:	---
Panama Tonnage	:	---
Full Load Displacement	:	5,421 MTons
Light Weight	:	3,032 MTons



## Machinery

Main Engine	:	Man9132/40,	
Power	:	4500kw750rpm x 2sets	
Propeller	:	Twin Screw Cpp	
Generator	:	Man7116/24 600kw x 2sets	380v/3ph/50 Hz.
Bowthruster	:	12tons (765kw)	
Stern Thruster	:	10tons (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.

Shanghai Salvage Company  
1426, Yang Shu Pu Road, 200090, Shanghai, China.  
Tel: +86-21-6519 3034 Fax: +86-21-6519 2623  
E-mail: commercial@coes.cn