

NO PHOTO  
CURRENTLY AVAILABLE

Vessel Characteristics

Length, Overall:	229.3 ft	69.9 m
Beam:	54.5 ft	16.6 m
Depth:	23.6 ft	7.2 m
Maximum Draft:	20.7 ft	6.3 m
Minimum Height:	76.4 ft	23.3 m
Freeboard:	4.3 ft	1.3 m
Displacement:	4,740 lt	4,820 mt
Deadweight:	2,550 lt	2,600 mt
Clear Deck Space:	120 x 42 ft	36.6 x 12.7 m
Clear Deck Area:	4,980 ft <sup>2</sup>	460 m <sup>2</sup>
Deck Strength:	2,050 lb/ft <sup>2</sup>	10 t/m <sup>2</sup>

**TIDEWATER<sup>®</sup>**  
**OZREN TIDE**

100T BP Anchor Handling Tug

Class Notations:  
ABS: +A1, +AMS, (E), FFV-1, +DPS-1, OSV, Towing Vessel

# TIDEWATER<sup>®</sup> OZREN TIDE

## Capacities

Deck Cargo:	890 lt	900 t
Fuel Oil:	245,000 gal	930 m <sup>3</sup>
Potable Water:	153,000 gal	580 m <sup>3</sup>
Drill/Ballast Water:	148,000 gal	560 m <sup>3</sup>
Bulk Tanks (4 tanks):	8,800 ft <sup>3</sup>	250 m <sup>3</sup>
Liquid Mud (21 lbs/gal):	2,720 bbl	430 m <sup>3</sup>
Oil Dispersant:	2,940 gal	11.1 m <sup>3</sup>
Fire Fighting Foam:	2,880 gal	10.9 m <sup>3</sup>

## Machinery

Main Engines (2):	MAN B&W 8L27/38		
Total HP:	7,830		
Propellers (2):	CPP 3.4m dia.		
Kort Nozzles:	2		
Primary Generators (2):	370 kw	440 v	60 hz
Driven by:	CAT 3408		
Secondary Generators (2):	1,200 kw	440 v	60 hz
Driven by:	Main Engines, Shaft		
Emergency Generators (1):	99 kw	440 v	60 hz
Driven by:	VOLVO D7A-1		
Bow Thruster (2):	KAWASAKI KT-55B3 CPP Tunnel		
Driven by:	430KW ELECTRIC MOTOR		
Total Thrust:	14.4 st	13.1 mt	
Stern Thruster (1):	KAWASAKI KT-55B3 CPP Tunnel		
Driven by:	430KW ELECTRIC MOTOR		
Total Thrust:	7.2 st	6.5 mt	

## Performance

(Approximate values assuming Ideal Conditions)			
<i>Fuel Consumption Vs Speed</i>			
Maximum:	32 m <sup>3</sup> /day (350 gph) @ 14 knots		
Cruising:	18 m <sup>3</sup> /day (200 gph) @ 11 knots		
Economical:	15 m <sup>3</sup> /day (160 gph) @ 10 knots		
Standby:	1.9 m <sup>3</sup> /day (21 gph) @ 0 knots		
Range @ 11 Knots:	13,600 nm		
Bollard Pull	120 st	110 mt	
<i>Transfer Rates</i>			
Fuel Oil:	660 gpm @ 230 ft	150 m <sup>3</sup> /h @ 70 m	
Drill/Ballast Water:	660 gpm @ 230 ft	150 m <sup>3</sup> /h @ 70 m	
Bulk:	36.7 cfm @ 230 ft	62 m <sup>3</sup> /h @ 71 m	
Liquid Mud:	530 gpm @ 250 ft	120 m <sup>3</sup> /h @ 75 m	

## Tow/Anchor Handling

Winch:	ELECTRIC HYDRAULIC Waterfall, Double-Drum, 300T BRAKE	
Model:	SMATCO 84-LHAW-220	
Line Pull:	200 mt	
Tow Wire:	1,500 m of 64 mm	
Work Wire:	1,500 m of 64 mm	
Pennant Reels (1):	1,500 m of 64 mm	
Shark Jaw:	(1) Set; 200t SWL	
Tow Pins:	(1) Set; 115t SWL	
Chain Lockers (2):	2,390 m of 64 mm chain	
Stern Roller:	6m x 2m dia.; 300 mt SWL	

## Deck Equip.

Anchors (2):	5423 lbs Stockless	
Anchor Chain:	360 m of 43 mm chain per side	
Crane:	5 t @ 12 m	
Capstans (2):	5 t Hydraulic 15m/min	
Tugger (2):	10 t Hydraulic 16m/min	

## Nav/Comms Equip.

Radar(s):	2	
Depth Sounder:	1	
Gyro Compass:	2	
Doppler Log:	1	
Radio:	2 x VHF; 1 x SSB	

## Accommodations

N° of Berths:	42		
	1-man cabins: 4	2-man cabins: 3	4-man cabins: 8
Certified to Carry:	42		
Galley seating:	36		
Hospital:	Yes		

## Special Equip.

Firefighting:	FiFi-1	
Dynamic Positioning:	DP-1 CLASSED	
Ref. Systems:	1 x MRU; 2 x DGPS 1 x Laser-based	
Water Maker:	25T/day	
Mud Mixers:	Yes	
Rescue Boat:	6 MAN MOB SOLAS Approved	

## Registration

Flag: Vanuatu	IMO N°: 9527972	
Year Built: 2009	Call Sign: YJQR5	
Builder:	YUEXIN SHIPBUILDING CO.	
Tonnage (ITC):	2538 GT	761 NT

NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.