TIDEWATER®

Vessel Characteristics

Length, Overall:	192.6 ft	58.7 m
Beam:	47.9 ft	14.6 m
Depth:	18 ft	5.5 m
Maximum Draft:	15.7 ft	4.8 m
Minimum Height:	69 ft	21 m
Freeboard:	2.3 ft	0.7 m
Displacement:	2,760 lt	2,810 mt
Deadweight:	1,330 lt	1,360 mt
Clear Deck Space:	98 x 41 ft	29.9 x 12.4 m
Clear Deck Area:	3,880 ft^2	360 m^2
Deck Strength:	1,430 lb/ft^2	7 t/m^2

Class Notations:
ABS: +A1, TOWING VESSEL, FFV-1, OSV AH, (E), +AMS

TIDEWATER®
DEROCHE TIDE

Guangzhou Hangtong 5,150 BHP
Anchor Handling Tug

Last update: 6/15/2016

TIDEWATER® DEROCHE TIDE

Capacities

Deck Cargo:	540 lt	550 t
Fuel Oil:	121,000 gal	460 m^3
Potable Water:	19,500 gal	73.8 m^3
Fresh Water:	36,900 gal	140 m^3
Drill/Ballast Water:	122,000 gal	460 m^3
Bulk Tanks (4 tanks):	6,600 ft^3	190 m^3
Liquid Mud (21 lbs/gal):	1,630 bbl	260 m^3
Oil Dispersant:	3,560 gal	13.5 m^3
Fire Fighting Foam:	3,560 gal	13.5 m^3

Machinery

Main Engines (2):			Caterpillar 3516B
Total HP:			5,150
Propellers (2):			CPP Berg, 2650MM
Kort Nozzles:			2
Primary Generators (3):	430 kw	410 v	50 hz
Driven by:			VOLVO D16
Emergency Generators (1):	99 kw	410 v	50 hz
Driven by:			Volvo D 7A T
Bow Thruster (2):			Kamone TCB-70DSMA
Driven by:			371kW Electric Motor
Total Thrust:		12.5 st	11.3 mt

Performance

(Approximate values assuming Ideal Conditions)

Fuel Consumption Vs Speed

Maximum:	21 m^3/day (230 gph) @ 13 knots
Cruising:	13 m^3/day (140 gph) @ 11 knots
Economical:	7.5 m^3/day (83 gph) @ 9 knots
Range @ 11 Knots:	9,300 nm
Bollard Pull	71 st / 64.4 mt

Transfer Rates

Fuel Oil:	660 gpm @ 250 ft	150 m^3/h @ 75 m
Fresh Water:	440 gpm @ 250 ft	100 m^3/h @ 75 m
Drill/Ballast Water:	440 gpm @ 250 ft	100 m^3/h @ 75 m
Bulk:	27.5 cfm @ 190 ft	46.7 m^3/h @ 57 m
Liquid Mud:	310 gpm @ 280 ft	70 m^3/h @ 85 m

Tow/Anchor Handling

Winch:	Mentrade DD Waterfall (200T Brake)
Model:	Electro-Hydraulic (13.8M/MIN)
Line Pull:	150 mt
Tow Wire:	1000 m of 56 mm
Work Wire:	1000 m of 56 mm
Pennant Reels (1):	1000 m of 56 mm
Shark Jaw:	300T SWL Karmfork
Tow Pins:	160T SWL (1 Set)
Stern Roller:	5.0m x 1.5m; 200 mt SWL

Deck. Equip.

Anchors (2):	2877 lbs HHP
Anchor Chain:	440 m of 40 mm chain per side
Capstans (2):	5 t Mentrade (15M/MIN)
Tugger (2):	10 t Mentrade (15M/MIN)

Nav/Comms Equip.

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	1
Doppler Log:	1
Radio:	2 x VHF; 1 x SSB
Sat Com:	1xINMARSAT-C

Accommodations

Nº of Berths:	42
1-man cabins:	2
2-man cabins:	4
4-man cabins:	8
Certified to Carry:	42
Galley seating:	27
Hospital:	Yes

Special Equip.

Firefighting:	FiFi-1
Water Maker:	5T/DAY
Mud Circulation System:	Yes
Rescue Boat:	6-Man SOLAS Approved

Registration

Flag:		VANUATU
IMO Nº:		9530280
Year Built:		2010
Builder:		GUANGZHOU HANGTONG SHIPBU
Call Sign:		YJQL5
Tonnage (ITC):	1458 GT	437 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.

Last update: 6/15/2016