



Vessel Characteristics

Length, Overall:	106.6 ft	32.5 m
Beam:	35.4 ft	10.8 m
Depth:	18.4 ft	5.6 m
Maximum Draft:	18.4 ft	5.6 m
Minimum Height:	54.1 ft	16.5 m
Freeboard:	2.8 ft	0.8 m
Displacement:	920 lt	930 mt
Deadweight:	370 lt	370 mt
Clear Deck Space:	33 x 30 ft	10 x 9.2 m
Clear Deck Area:	910 ft ²	84.8 m ²
Deck Strength:	500 lb/ft ²	2.4 t/m ²

Class Notations:
 ABS: A1, Towing Vessel, FFV-1, AMS, ABCU, CRC(I)

TIDEWATER[®]

LEACH TIDE

80 T Bollard Pull
 Azimuthing Stern Drive Tug

TIDEWATER[®] LEACH TIDE

Capacities

Deck Cargo:	130 lt	130 t
Fuel Oil:	67,100 gal	250 m ³
Potable Water:	6,270 gal	23.7 m ³
Drill/Ballast Water:	11,700 gal	44.1 m ³

Machinery

Main Engines (2):	GE 7FDM12		
Total HP:	6,410		
Propellers (2):	2800mm Dia. US255 CP		
Kort Nozzles:	2		
Primary Generators (2):	130 kw	380 v	50 hz
Driven by:	Diesel		

Performance

(Approximate values assuming Ideal Conditions)			
<i>Fuel Consumption Vs Speed</i>			
Maximum:	19.6 m ³ /day (220 gph) @ 14 knots		
Cruising:	16.7 m ³ /day (180 gph) @ 10 knots		
Standby:	0.4 m ³ /day (4 gph) @ 0 knots		
Range @ 10 Knots:	2,560 nm		
Bollard Pull	90.4 st	82 mt	
<i>Transfer Rates</i>			
Drill/Ballast Water:	220 gpm @ 110 ft	50 m ³ /h @ 35 m	

Deck. Equip.

Anchors (2):	1091 lbs HHP
Anchor Chain:	300 m of 22 mm chain per side
Crane:	2 t @ 6 m

Special Equip.

Firefighting:	FiFi-1
Rescue Boat:	5 MAN SOLAS APPROVED

Tow/Anchor Handling

Winch:	Rolls Royce Split drum
Model:	TW 1500/120H
Line Pull:	14 mt
Capacity:	600m of 42mm
Misc. Towing Equip:	Tow Hook; Gob Eye 80MT SWL

Nav/Comms Equip.

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

Accommodations

N ^o of Berths:	10
1-man cabins:	4
2-man cabins:	3
Certified to Carry:	10
Galley seating:	8

Registration

Flag:	VANUATU	
IMO N ^o :	9423982	
Year Built:	2008	
Builder:	ROSETTI	
Call Sign:	YJVL4	
Tonnage (ITC):	443 GT	132 NT