



Vessel Characteristics

Length, Overall:	118.1 ft	36 m
Beam:	39.4 ft	12 m
Depth:	18.4 ft	5.6 m
Maximum Draft:	15.9 ft	4.6 m
Minimum Height:	54.5 ft	14.6 m
Freeboard:	2.5 ft	0.8 m
Displacement:	1,020 lt	1,030 mt
Deadweight:	370 lt	370 mt
Clear Deck Space:	23 x 19 ft	7 x 6 m
Clear Deck Area:	450 ft ²	42 m ²
Deck Strength:	540 lb/ft ²	2.6 t/m ²

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

TIDEWATER[®]

SOYO TIDE

80T Bollard Pull
 Azimuthing Stern Drive Tug

TIDEWATER[®] SOYO TIDE

Capacities

Deck Cargo:	40 lt	40 t
Fuel Oil:	47,100 gal	180 m ³
Potable Water:	26,800 gal	100 m ³
Drill/Ballast Water:	30,700 gal	120 m ³
Oil Dispersant:	5,150 gal	19.5 m ³
Fire Fighting Foam:	5,150 gal	19.5 m ³

Machinery

Main Engines (2):	CAT 3608 DITA		
Total HP:	6,600		
Propellers (2):	Wartsila CPP CS275-S/WN-K		
Kort Nozzles:	2		
Primary Generators (2):	260 kw	440 v	60 hz
Driven by:	CAT 3406 DITA		

Performance

(Approximate values assuming Ideal Conditions)		
<i>Fuel Consumption Vs Speed</i>		
Maximum:	27.8 m ³ /day (310 gph) @ 13 knots	
Bollard Pull	89.3 st	81 mt
<i>Transfer Rates</i>		
Drill/Ballast Water:	220 gpm @ 130 ft	50 m ³ /h @ 40 m

Deck Equip.

Anchors (2):	1720 lbs Stockless Bower	
Anchor Chain:	180 m of 23.9 mm chain per side	
Anchor Windlass:	Plimsoll, Combo Tow Winch	
Crane:	8.5 t @ 3 m	
Tugger (1):	5 t Plimsoll HUW05L-250S	

Special Equip.

Firefighting:	FiFi-1
Rescue Boat:	6 Man SOLAS APPROVED
Reefer Sockets:	2 x 440V 32A

Tow/Anchor Handling

Winch:	Single Drum Elec.-HYD
Model:	Plimsoll PC-HTW/SD-120/165
Line Pull:	120 mt
Shark Jaw:	Plimsoll PS-200SJTP 200MT SWL
Tow Pins:	Plimsoll PS-200SJTP 200MT SWL
Stern Roller:	2.5'x9.8'; 200 mt SWL

Nav/Comms Equip.

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

Accommodations

Nº of Berths:	10
1-man cabins:	2
2-man cabins:	2
4-man cabins:	1
Certified to Carry:	10
Galley seating:	7

Registration

Flag:	VANUATU	
IMO Nº:	9371634	
Year Built:	2007	
Builder:	PAN UNITED SHIPYARDS	
Call Sign:	YJVA2	
Tonnage (ITC):	549 GT	164 NT