



Vessel Characteristics

Length, Overall:	310 ft	94.5 m
Beam:	62 ft	18.9 m
Depth:	26 ft	7.9 m
Maximum Draft:	21 ft	6.5 m
Light Draft:	7.4 ft	2.3 m
Minimum Height:	88.1 ft	26.9 m
Freeboard:	4.7 ft	1.4 m
Displacement:	9,070 lt	9,220 mt
Deadweight:	6,330 lt	6,430 mt
Clear Deck Space:	210 x 53 ft	65.5 x 16.2 m
Clear Deck Area:	11,400 ft ²	1,060 m ²
Deck Strength:	1,020 lb/ft ²	5 t/m ²
Class Notations: ABS: +A1,+AMS,+ACCU,(E),OSV,MLC-CCOM,UWILD,GP,ENVIRO,+DPS-2,FFV-1,HDC,POT,SUPPLY-HNLS,HLC		

TIDEWATER[®]

SOUTHERN TIDE

**TAI - ENVIROMAX 310
PLATFORM SUPPLY VESSEL**

TIDEWATER® SOUTHERN TIDE

Capacities

Deck Cargo:	3,500 lt	3,560 t
Fuel Oil:	394,000 gal	1,490 m ³
Potable Water:	67,200 gal	250 m ³
Fresh Water:	618,000 gal	2,340 m ³
Drill/Ballast Water:	91,600 gal	350 m ³
Bulk Tanks (8 tanks):	15,200 ft ³	430 m ³
Liquid Mud (22 lbs/gal):	21,500 bbl	3,420 m ³
Methanol:	2,450 bbl	390 m ³

Machinery

Diesel Electric Vessel			
Propulsive/Total HP:	6,710 / 11,300		
Z-Drives:	Yes		
Propellers (2):	SCHOTTEL SRP4000FPP, ELECTRIC DRIVEN, 2500KW		
Primary Generators (4):	2,100 kw	690 v	60 hz
Driven by:	CATERPILLAR 3516C		
Emergency Generators (1):	420 kw	480 v	60 hz
Driven by:	CATERPILLAR C18 DITA		
Bow Thruster (2):	SCHOTTEL STT 4 FPP TT		
Driven by:	1180KW ELECTRIC MOTOR		
Total Thrust:	39.6 st	36 mt	

Deck Equip.

Anchors (2):	2295 kg B HIGH HOLD BALANCED
Anchor Chain:	250 m of 50.8 mm chain per side
Crane:	5 t @ 7 m

Accommodations

Nº of Berths:	48
1-man cabins:	12
2-man cabins:	16
Certified to Carry:	48
Hospital:	Yes

Performance

(Approximate values assuming Ideal Conditions)		
<i>Fuel Consumption Vs Speed</i>		
Maximum:	29 m ³ /day (320 gph) @ 14 knots	
Cruising:	20 m ³ /day (220 gph) @ 12 knots	
Economical:	12 m ³ /day (130 gph) @ 10 knots	
Standby:	2.6 m ³ /day (29 gph) @ 0 knots	
Range @ 12 Knots:	18,900 nm	
<i>Transfer Rates</i>		
Fuel Oil:	660 gpm @ 200 ft	150 m ³ /h @ 61 m
Drill/Ballast Water:	660 gpm @ 200 ft	150 m ³ /h @ 61 m
Bulk:	32 cfm @ 190 ft	54.4 m ³ /h @ 57 m
Liquid Mud:	1000 gpm @ 220 ft	230 m ³ /h @ 68.5 m
Methanol:	500 gpm @ 200 ft	110 m ³ /h @ 61 m

Nav/Comms Equip.

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Doppler Log:	1
Radio:	2 x VHF; 1 x SSB

Special Equip.

Firefighting:	FiFi-1
Dynamic Positioning:	DP-2 CLASSED
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Laser-based; 1 x Radar-based
Mud Mixers:	YES
Tank Cleaning:	YES
Rescue Boat:	4.5M SOLAS MOB

Registration

Flag:	UNITED STATES
IMO Nº:	9779214
Year Built:	2016
Builder:	THOMA SEA MARINE CONT.
Call Sign:	WSOZ
Tonnage (ITC):	4379 GT 1313 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. Fuel consumption figures are historically conservative approximations.