



Vessel Characteristics

Length, Overall:	300 ft	91.4 m
Beam:	62 ft	18.9 m
Depth:	24 ft	7.3 m
Maximum Draft:	19.5 ft	5.9 m
Light Draft:	8.2 ft	2.5 m
Minimum Height:	98.2 ft	29.9 m
Freeboard:	4.6 ft	1.4 m
Displacement:	7,990 lt	8,120 mt
Deadweight:	5,070 lt	5,150 mt
Clear Deck Space:	197 x 52 ft	60 x 16 m
Clear Deck Area:	10,600 ft ²	980 m ²
Deck Strength:	1,020 lb/ft ²	5 t/m ²
Class Notations: ABS: +A1, FFV-1, OSV, SUPPLY-HNLS, (E), +AMS, +ACCU, +DPS-2,HAB(WB), UWILD, ACP, ENVIRO, MLC-ACCOM, GP		

TIDEWATER[®]

POTTER TIDE

GIS 300 PLATFORM SUPPLY VESSEL

Capacities

Deck Cargo:	2,590 lt	2,630 t
Fuel Oil:	256,000 gal	970 m ³
Potable Water:	61,300 gal	230 m ³
Fresh Water:	601,000 gal	2,270 m ³
Drill/Ballast Water:	64,200 gal	240 m ³
Bulk Tanks (4 tanks):	12,300 ft ³	350 m ³
Liquid Mud (22 lbs/gal):	19,900 bbl	3,160 m ³
Methanol:	2,190 bbl	350 m ³
Walk-in Cooler:	800 ft ³	22 m ³
Walk-in Freezer:	670 ft ³	19 m ³

Machinery

Diesel Electric Vessel			
Propulsive/Total HP:	6,700 / 11,300		
Z-Drives:	Yes		
Propellers (2):	SCHOTTEL SRP 4000 FP		
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		
Bow Thruster (2):	SCHOTTEL STT 4 FP		
Driven by:	1180KW ELECTRIC MOTOR		
Total Thrust:	39.6 st	35.9 mt	

Deck Equip.

Anchors (2):	7270 lb, NAVY STOCKLESS
Anchor Chain:	250 m of 45.7 mm chain per side
Crane:	2 t @ 15.2 m

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
Rescue Boat:	6-MAN MOB
HiPAP Ready	
Bluedrive Plus C	

Performance

(Approximate values assuming Ideal Conditions)		
<i>Fuel Consumption Vs Speed</i>		
Maximum:	27.3 m ³ /day (300 gph) @ 13 knots	
Cruising:	13.8 m ³ /day (150 gph) @ 10 knots	
Economical:	8.3 m ³ /day (91 gph) @ 8 knots	
Standby:	3.2 m ³ /day (35.2 gph) @ 0 knots	
Range @ 12 Knots:	12,600 nm	
<i>Transfer Rates</i>		
Fuel Oil:	660 gpm @ 260 ft	150 m ³ /h @ 80 m
Fresh Water:	660 gpm @ 260 ft	150 m ³ /h @ 80 m
Drill/Ballast Water:	660 gpm @ 260 ft	150 m ³ /h @ 80 m
Bulk:	51 cfm @ 200 ft	86.6 m ³ /h @ 61 m
Liquid Mud:	1,200 gpm @ 240 ft	270 m ³ /h @ 73 m
Methanol:	330 gpm @ 400 ft	74.9 m ³ /h @ 120 m

Nav/Comms Equip.

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

Accommodations

Nº of Berths:	52
1-man cabins:	12
2-man cabins:	20
Certified to Carry:	52
Hospital:	Yes

Registration

Flag:	UNITED STATES	
IMO Nº:	9693525	
Year Built:	2017	
Builder:	GULF ISLAND SHIPYARDS	
Call Sign:	KPTU	
Tonnage (ITC):	4298 GT	1928 NT