



YOUNGS TIDE as shown, POTTER TIDE similar

LEEVAE LDS 300 PLATFORM SUPPLY VESSEL

Vessel Characteristics

Length, Overall:	300 ft	91.4 m
Beam:	62 ft	18.9 m
Depth:	24 ft	7.3 m
Maximum Draft:	19.4 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 AFT:	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	

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 (2.6 SG*):	19,800 bbl	3,160 m ³
*Max Structural Specific Gravity		
Methanol:	1,940 bbl	310 m ³

TIDEWATER

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Pg.2 Further Specifications

Pg.4 Capacity Table

Pg.3 General Arrangement

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Machinery

Diesel Electric Vessel			
Propulsive/Total HP:	6,700 / 11,300		
Z-Drives:	Yes		
Propellers (2):	SCHOTTEL SRP 4000 FP		
Kort Nozzles:	2		
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 Equipment

Anchors (2):	5850 lb HHP Anchors
Anchor Chain:	270 m of 46 mm chain per side
Windlass:	2 x MacGregor
Crane (1):	2 t @ 15.2 m

Accommodations

No. of Berths:	52
Cabins:	12x1-man & 20x2-man
Certified to Carry:	52
Galley seating:	32
Hospital:	Yes

Registration

Flag: UNITED STATES	Home Port: NEW ORLEANS, LA
Hull Number: 367	IMO NO: 9693525
Year Built: 2017	Call Sign: KPTU
Builder:	GULF ISLAND SHIPYARDS
Tonnage (ITC):	4298 GT 1928 NT

Performance*

Fuel Consumption Vs Speed		
Maximum:	27.5 m³/day (300 gph) @ 13 knots	
Cruising:	14 m³/day (150 gph) @ 10 knots	
Economical:	9 m³/day (99.1 gph) @ 8 knots	
Standby:	1.5 m³/day (16.5 gph) @ 0 knots	
Range @ 10 Knots:	16,600 nm	
Transfer Rates		
Fuel Oil:	660 gpm @ 260 ft	150 m³/h @ 80 m
Fresh Water:	660 gpm @ 260 ft	150 m³/h @ 80 m
Drill/Ballast Water:	660 gpm @ 260 ft	150 m³/h @ 80 m
Bulk:	51 cfm @ 200 ft	86.6 m³/h @ 61 m
Liquid Mud:	1,200 gpm @ 240 ft	270 m³/h @ 73 m
Methanol:	330 gpm @ 400 ft	75 m³/h @ 120 m

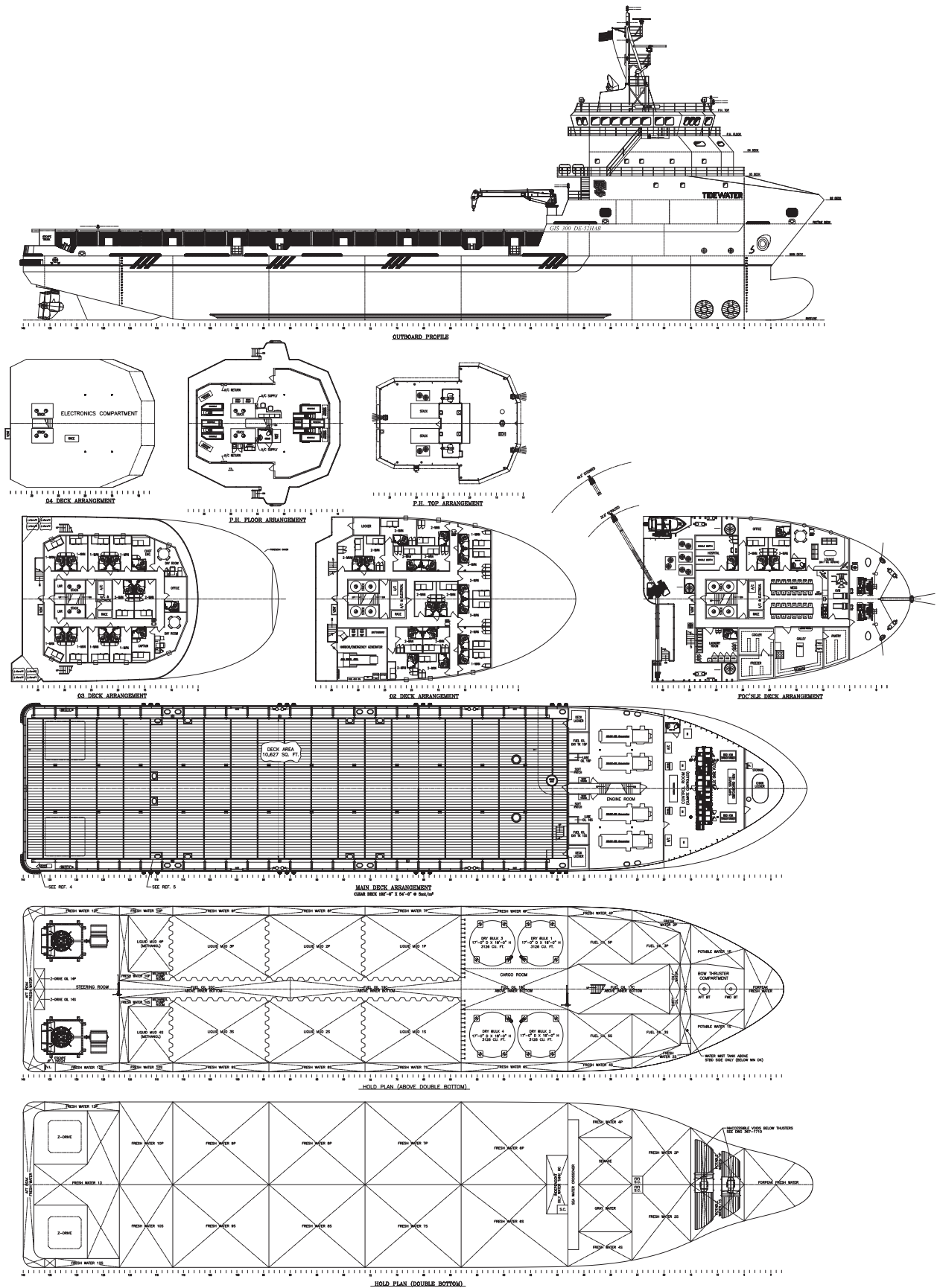
Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Wind Speed Indicators:	3
Doppler Log:	1
Radio:	2 x VHF; 1 x SSB
Sat Com:	INMARSAT-C

Special Equipment

Firefighting:	FiFi-1
Dynamic Positioning:	DP-2
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Microwave-based; 1 x Laser-based
Mud Mixers:	Yes
Rescue Boat:	6-MAN MOB
Fuel Monitoring:	FUELTRAX
Reefer Sockets:	3x 480V 30A 60Hz
Misc:	BLUEDRIVE PLUS C; MSD - 52 PERSONS; HiPAP Ready

*Approximate values assuming Ideal Conditions



POTTER TIDE

Capacity Table



Tank	Contents	Volume m ³	Base Oil	Fuel Oil	Dry Bulk	DW/WB	Potable Water	Fresh Water	Brine	Liquid Mud	Methanol	Lube Oil	Foam	Oil Disp.
FP Ballast Tk	DW/FW	177.3				177.3								
Fresh Water 2 P	DW/FW	124.1				124.1		124.1						
Fresh Water 2 S	DW/FW	114.7				114.7		114.7						
Fresh Water 4 P	DW/FW	76.6				76.6		76.6						
Fresh Water 4 S	DW/FW	76.6				76.6		76.6						
Fresh Water 6 P	DW/FW	191.5				191.5		191.5						
Fresh Water 6 S	DW/FW	191.5				191.5		191.5						
Fresh Water 7 P	DW/FW	181.4				181.4		181.4						
Fresh Water 7 S	DW/FW	181.4				181.4		181.4						
Fresh Water 8 P	DW/FW	181.4				181.4		181.4						
Fresh Water 8 S	DW/FW	181.4				181.4		181.4						
Fresh Water 9 P	DW/FW	180.8				180.8		180.8						
Fresh Water 9 S	DW/FW	180.8				180.8		180.8						
Fresh Water 10 P	DW/FW	133.4				133.4		133.4						
Fresh Water 10 S	DW/FW	133.4				133.4		133.4						
Fresh Water 12 P	DW/FW	30.7				30.7		30.7						
Fresh Water 12 S	DW/FW	27.8				27.8		27.8						
Fresh Water 13 C	DW/FW	87.4				87.4		87.4						
AP Ballast Tk	DW/FW	65.9				65.9								
Potable Water 1 P	Ship's FW	116.0					116.0							
Potable Water 1 S	Ship's FW	116.0					116.0							
FO Tk 3 P	FO	142.9		142.9										
FO Tk 3 S	FO	142.9		142.9										
FO Tk 5 P	FO	234.2		234.2										
FO Tk 5 S	FO	234.2		234.2										
FO Day Tk 15 P	FO	21.3		21.3										
FO Day Tk 15 S	FO	21.3		21.3										
FO Tk 17 C	FO	64.4		64.4										
FO Tk 18 C	FO	58.9		58.9										
FO Tk 19 C	FO	47.1		47.1										
FO Tk 20 C	FO	45.3		45.3										
Emer. Gen	FO	2.3		2.3										
LM Tk 1 P	LM	480.5								480.5				
LM Tk 1 S	LM	480.5								480.5				
LM Tk 2 P	LM	471.4								471.4				
LM Tk 2 S	LM	471.4								471.4				
LM Tk 3 P	LM	471.4								471.4				
LM Tk 3 S	LM	471.4								471.4				
LM Tk 4 P	LM/METH	154.5								154.5	154.5			
LM Tk 4 S	LM/METH	154.5								154.5	154.5			
Lube Oil Tank P	LO	3.4										3.4		
Lube Oil Tank S	LO	3.4										3.4		
Dry Bulk 1	Dry Bulk	87.0			87.0									
Dry Bulk 2	Dry Bulk	87.0			87.0									
Dry Bulk 3	Dry Bulk	87.0			87.0									
Dry Bulk 4	Dry Bulk	87.0			87.0									
Total Volume [m ³]			0.0	1,014.9	348.2	2,517.8	231.9	2,274.6	0.0	3,155.6	309.1	6.9	0.0	0.0
Spec Sheet Total Volume [m ³]			0.0	970.0	348.2	243.2	231.9	2,274.6	0.0	3,155.6	309.1	6.9	0.0	0.0

*Capacities shown are for lead vessel. Actual capacities may vary slightly.

*Capacities shown in **RED** are excluded from the total volume.

*Capacities shown in **BLUE** are included in another Tank's Capacity.

*Capacities shown in **GREEN** are counted for multiple Tank Capacities.



KONGSBERG

DP Capability Plot
HULL 367

Case number : 1
Case description : Optimum use of all thrusters
Thrusters active : T1-T4
Rudders active :

Table with 2 columns: Parameter and Value. It lists various ship specifications and environmental parameters, including dimensions, displacement, wind load coefficients, and thruster details.

