



Vessel Characteristics

Length, Overall:	269.7 ft	82.2 m				
Beam:	55.8 ft	17 m				
Depth:	24.9 ft	7.6 m				
Maximum Draft:	20.7 ft	6.3 m				
Light Draft:	9.5 ft	2.9 m				
Minimum Height:	95.8 ft	29.2 m				
Freeboard:	4.3 ft	1.3 m				
Displacement:	6,390 lt	6,500 mt				
Deadweight:	3,970 lt	4,040 mt				
Clear Deck Space:	197 x 44 ft	60 x 14 m				
Clear Deck Area:	8,720 ft ²	810 m ²				
Deck Strength FWD:	1,020 lb/ft²	5 t/m²				
Deck Strength AFT:	2,050 lb/ft² 10 t/m²					
Class Notations:	DNV: +1A1, Clean(Design), COMF(V-3), DK(+), DYNPOS(AUTR), E0, HL(2.8), NAUT(OSV(A)), OILREC, SF					

Capacities

Deck Cargo:	1,900 lt	1,930 t
Deck cargo.	1,500 11	1,550 t
Fuel Oil:	243,000 gal	920 m³
Potable Water:	72,200 gal	270 m ³
Fresh Water:	211,000 gal	800 m ³
Drill/Ballast Water:	478,000 gal	1,810 m³
Bulk Tanks (6 tanks):	12,100 ft³	340 m ³
Liquid Mud (2.5 SG*): *Max Structural Specific Gravity	6,150 bbl	980 m³
Methanol:	N/A bbl	N/A m³
Base Oil:	1,600 bbl	250 m ³
Fire Fighting Foam:	420 gal	1.6 m ³

TIDEWATER

Find out more

Pg.2 Further Specifications Pg.3 General Arrangement

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Pg.4 Capacity Table Pg.5 DP Capability Plot

Further specifications



Machinery

Diesel Electric Vessel						
Propulsive/Total HP:	4,290 / 6,920					
Z-Drives:	Yes					
Propellers (2):	STP 1212 FPP, 1600KW					
Primary Generators (4):	1,200 kw 690 v 60 hz					
Driven by:	CUMMINS KTA50-D(M1)					
Emergency Generators (1):	100 kw	690 v	60 hz			
Driven by:		CUMMINS	6CT-8.3-D(M)			
Bow Thruster (2):	FU-74-LTC-2000 TUNNEL					
Driven by:	880KW ELECTRIC MOTORS					
Total Thrust:		29.5 st	26.8 mt			

Deck Equipment

Anchors (2):	3300 KG M-SPEK
Anchor Chain:	250 m of 46 mm chain per side
Windlass:	2x NMD 46 MMK3
Crane (1):	5 t @ 10 m
Aux. Crane (1):	2 t @ 10 m
Capstans (2):	8 t NMD CAPSTANS
Tugger (2):	10 t NMD TUGGERS

Accommodations

No. of Berths:	28
Cabins:	6x1-man & 11x2-man
Certified to Carry:	28
Galley seating:	20
Hospital:	Yes

Registration

Flag: NORWAY	Home Port: SKUDENESHAVN
Hull Number: 90	IMO N^o: 9575632
Year Built: 2014	Call Sign: LAFG8
Builder:	Cochin Shipyard Limited
Tonnage (ITC):	3455 GT 1406 NT

Performance*

Fuel Consumption Vs Speed							
Maximum:	28.2 m³/day (310 gph) @ 14 knots						
Cruising:	13.2 r	n³/day (150 gph) @ 11 knots					
Economical:	8.6 m ⁻¹	³ /day (94.7 gph) @ 10 knots					
Standby:	2 m³/day (22 gph) @ 0 knots						
Range @ 11 Knots:	20,000 nm						
Transfer Rates							
Fuel Oil:	660 gpm @ 300 ft	150 m³/h @ 92 m					
Fresh Water:	660 gpm @ 300 ft	150 m³/h @ 92 m					
Drill/Ballast Water:	660 gpm @ 300 ft	150 m³/h @ 92 m					
Bulk:	33.6 cfm @ 190 ft	57 m³/h @ 57 m					
Liquid Mud:	330 gpm @ 800 ft	75 m³/h @ 240 m					
Base Oil:	220 gpm @ 300 ft	50 m³/h @ 92 m					
Brine:	330 gpm @ 700 ft	75 m³/h @ 210 m					
Methanol:	220 gpm @ 300 ft	50 m³/h @ 92 m					

Nav/Comms Equipment

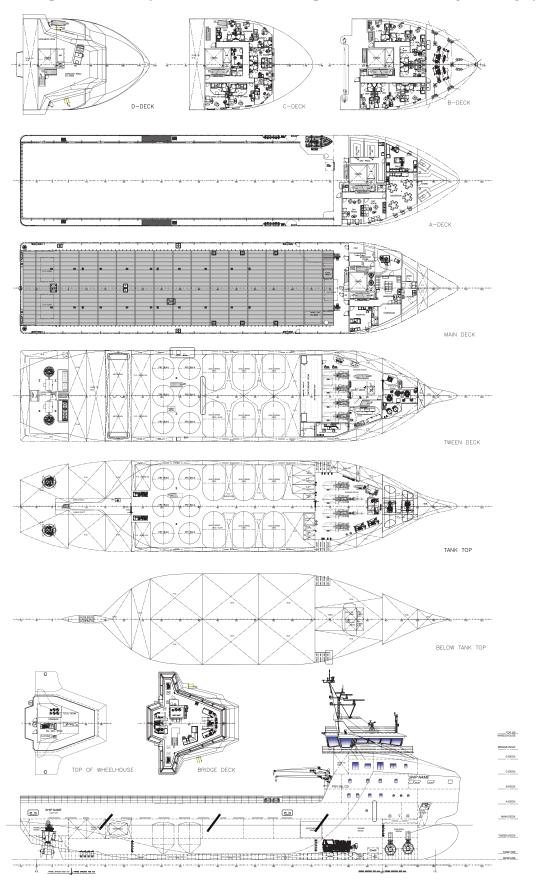
Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Wind Speed Indicators:	3
Doppler Log:	1
Radio:	3 x VHF; 1 x SSB
Sat Com:	2X INMARSAT-C

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 Circulation System/ Mud Mixers:	Yes/Yes
Tank Cleaning:	Yes
Rescue Boat:	6-Man NOREQ RRB 500 MOB
Reefer Sockets:	16x 440V 16A, 16x 220V 16A
Misc:	ORO Capacity - 977.5 m3; MSD - 30 Persons; Eye Wash Station

General Arrangement (Current configuration may vary.)





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.
1 FOREPEAK	DW/WB	126.6				126.6								
2 WB DB	DW/WB	45.0				45.0								
3 WB DB	DW/WB	55.8				55.8								
4 WB DB	DW/WB	55.8				55.8								
5 WB DB 6 WB DB	DW/WB	97.5 97.5				97.5 97.5								
7 WB DB	DW/WB	98.6				98.6								
8 WB DB	DW/WB	98.6				98.6								
11 WB DB	DW/WB	60.6				60.6								
26 WB WT	DW/WB	52.5				52.5								
28 WB WT	DW/WB	51.6				51.6								
30 WB WT	DW/WB	12.2				12.2								
31 WB WT	DW/WB	52.5				52.5								
32 BO CD	DW/WB	15.6				15.6								
33 WB WT	DW/WB	51.6				51.6								
35 WB WT	DW/WB	12.2				12.2								
37 CD	DW/WB	15.5				15.5								
38 AFTPEAK SB	DW/WB	110.2				110.2								
39 MET CD	DW/WB	197.4				197.4								
40 STAB TK	DW/WB	215.0				215.0								
45 AFTPEAK PS	DW/WB	101.5				101.5								
81 STAB TK	DW/WB	186.6				186.6								
9 FW DB WB	FW	101.1						101.1						
10 FW DB WB	FW	101.1						101.1						
18 FW WT	Ship's FW	74.4					74.4							
19 FW WT	Ship's FW	74.4					74.4							
20 FW WT	Ship's FW	64.7					64.7							
21 FW WT	Ship's FW	59.8					59.8							
22 FW WT	FW	55.6						55.6						
34 FW TK	FW	81.9						81.9						
36 FW WT	FW	175.8						175.8						
41 FW TK	FW	81.9						81.9						
43 FW WT	FW	175.8						175.8						
79 FW WT	FW	25.8		404.4				25.8						
58 FO TK 59 FO TK	FO	101.1 73.0		101.1 73.0										
62 FO TK	FO	90.5		90.5										
63 FO TK	FO	28.1		28.1										
66 FO TK	FO	159.6		159.6										
67 FO TK	FO	90.5		90.5										
69 FO TK	FO	122.6		122.6										
73 FO SREVICE	FO	18.6		18.6										
75 FO SERVICE	FO	18.6		18.6										
77 FO SETTLING	FO	21.5		21.5										
46 BO TK SB	FO/BO	127.4	127.4	127.4										
47 BO TK PS	FO/BO	127.4	127.4	127.4										
48 METH SB	METH	52.3									52.3			
49 METH PS	METH	52.3									52.3			
56 MUD TK	LM/ORO	162.9								162.9				
57 MUD TK	LM/ORO	162.9								162.9				
60 MUD TK	LM/ORO	162.9								162.9				
61 MUD TK	LM/ORO	162.9								162.9				
64 MUD TK	LM/ORO	163.0								163.0				
65 MUD TK	LM/ORO	162.9								162.9				
50 CEM TK	DRY BULK	57.0			57.0									
51 CEM TK	DRY BULK	56.9			56.9									
52 CEM TK	DRY BULK	57.0			57.0									
53 CEM TK	DRY BULK	57.0			57.0									
54 CEM TK	DRY BULK	56.9			56.9									
55 CEM TK	DRY BULK	56.9			56.9									
71 LUB OIL	LO	6.1										6.1	4.0	
FOAM TK	FOAM	1.6											1.6	
	-													
	-													
	-													
	-													
	T-4-177	J	254.0	070.0	244 =	4 940 4	272.0	700.0	0.0	077.5	404.0	0.4	4.0	0.0
_		olume [m³]		978.9		1,810.4		799.0	0.0	977.5	104.6	6.1	1.6	0.0
Spec	Sheet Total Vo			920.2		1,810.4	273.3	799.0	0.0	977.5	104.6	6.1	1.6	0.0

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

 $^{^{\}star}$ 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.

TITUS TIDEDP Capability Plot



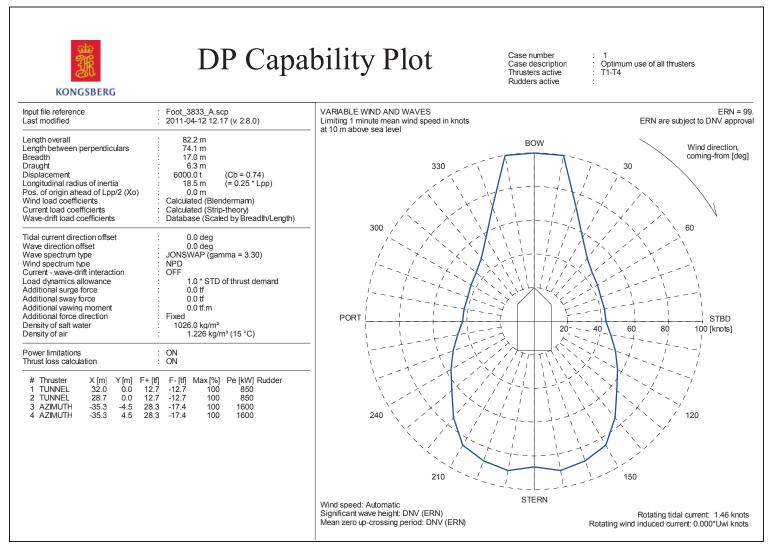


Figure 10: DP capability envelope for case 1.