



Vessel Characteristics

Length, Overall:	236.2 ft	72 m			
Beam:	52.5 ft	16 m			
Depth:	23 ft	7 m			
Maximum Draft:	19.1 ft	5.8 m			
Light Draft:	8.2 ft	2.5 m			
Minimum Height:	73.8 ft	22.5 m			
Freeboard:	3.9 ft	1.2 m			
Displacement:	4,740 lt	4,810 mt			
Deadweight:	3,040 lt	3,090 mt			
Clear Deck Space:	153 x 44 ft	47 x 14 m			
Clear Deck Area:	6,500 ft ²	600 m ²			
Deck Strength AFT:	1,020 lb/ft²	5 t/m²			
Class Notations:	DNV: +1A1, DK(+), DYNPOS(AUTR), E0, HL(2.5), SF				

Capacities

Deck Cargo:	1,480 lt	1,500 t
Fuel Oil:	220,000 gal	830 m ³
Potable Water:	56,600 gal	210 m ³
Fresh Water:	102,000 gal	390 m ³
Drill/Ballast Water:	202,000 gal	770 m ³
Bulk Tanks (4 tanks):	9,900 ft³	280 m ³
Liquid Mud (2.5 SG*): *Max Structural Specific Gravity	4,870 bbl	770 m ³
Base Oil:	1,310 bbl	210 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

Main Engines (2):		BER	GEN KRMB-9			
Total HP:	5,450					
Propellers (2):		KAMEWA ULSTEIN CPP				
Primary Generators (2):	250 kw	440 v	60 hz			
Driven by:	CAT 3406 TA					
Secondary Generators (2):	1,500 kw 440 v 60 l					
Driven by:	MAIN ENGINES					
Emergency Generators (1):	50 kw 440 v 60 hz					
Driven by:	CUMMINS 4BT3.9G1					
Bow Thruster (2):	1X USTEIN 150TV TT; 1X TCN 73/50 AZI- MUTH					
Driven by:	1X 791HP; 1X 985HP ELECTRIC MOTORS					
Total Thrust:	22.1 st 20 mt					
Stern Thruster (2):	ULSTEIN 150TV TT					
Driven by:	791HP ELECTRIC MOTORS					
Total Thrust:		19.8 st	18 mt			

Deck Equipment

Anchors (2):	SPEK TYPE
Anchor Chain:	250 m of 38 mm chain per side
Windlass:	RRM BMG41.038, 8T @ 18M/MIN
Crane (1):	5 t @ 10 m
Capstans (2):	8 t RRM CM4110
Tugger (2):	10 t RRM WM4110

Accommodations

No. of Berths:	38
Cabins:	14x1-man & 12x2-man
Certified to Carry:	38
Galley seating:	24

Registration

Flag: UNITED KINGDOM	Home Port: LONDON						
Hull Number: 82	IMO N ^o : 9249403						
Year Built: 2002	Call Sign: VSMW5						
Builder:	BRATTVAAG SKIPSVERFT						
Tonnage (ITC):	2244 GT 936 NT						

Performance*

Fuel Consumption Vs Speed								
Maximum:	18 m³/day (200 gph) @ 11 knots							
Cruising:	12 r	m³/day (130 gph) @ 9 knots						
Economical:	9.5 r	m³/day (100 gph) @ 7 knots						
Standby:	1.8 m³/day (19.8 gph) @ 0 knots							
Range @ 9 Knots:	15,000 nm							
Transfer Rates								
Fuel Oil:	880 gpm @ 300 ft	200 m³/h @ 90 m						
Fresh Water:	880 gpm @ 300 ft	200 m³/h @ 90 m						
Drill/Ballast Water:	660 gpm @ 300 ft	150 m³/h @ 90 m						
Bulk:	41.3 cfm @ 190 ft	70.1 m³/h @ 57 m						
Liquid Mud:	330 gpm @ 600 ft	75 m³/h @ 180 m						
Base Oil:	660 gpm @ 300 ft	150 m³/h @ 90 m						

Nav/Comms Equipment

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

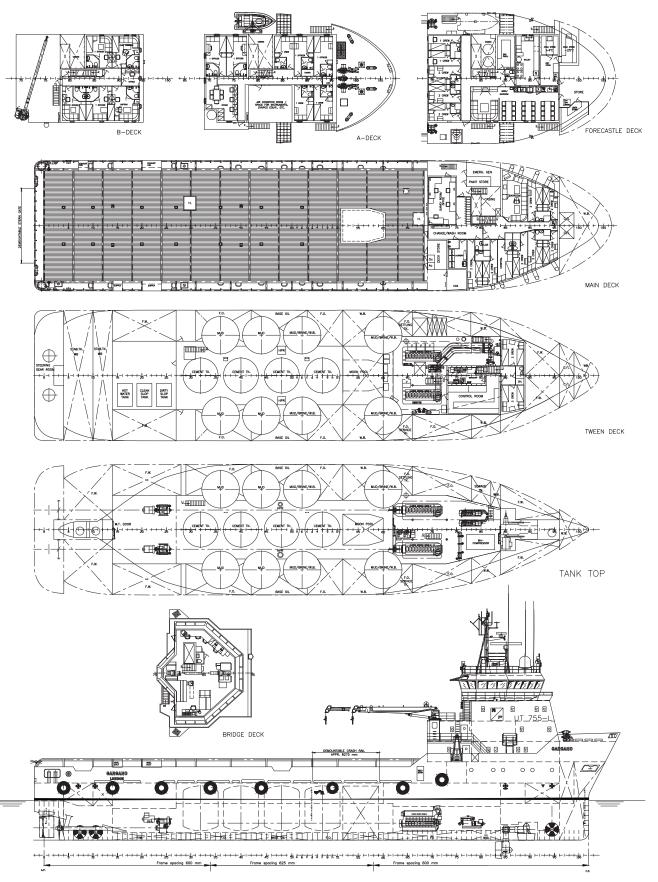
Special Equipment

Dynamic Positioning:	DP-2
Ref. Systems:	2 x MRU; 2 x DGPS 1 x Laser-based
Mud Circulation System/ Mud Mixers:	Yes/Yes
Rescue Boat:	SOLAS 6-MAN MOB
Reefer Sockets:	2x 440V 600A
Misc:	Moon Pool (4.35 x 3.8 m); Bandak Lightweight Taut Wire (LTW); Removal cargo rails P&S for ROV launch; Eye Wash Stations

^{*}Approximate values assuming Ideal Conditions

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	106.0				106.0								
4 DB/WING TK 2 SB	DW/WB	69.5				69.5								
5 DB/WING TK 2 PS	DW/WB	50.7				50.7								
8 DB/WING TK 4 SB	DW/WB	128.6				128.6								
9 DB/WING TK 4 PS	DW/WB	128.6				128.6								
28 STAB TK NO 1	DW/WB	113.3				113.3								
29 STAB TK NO 2	DW/WB	168.8				168.8								
2 DB/WING TK 1 SB	Ship's FW	103.4					103.4							
3 DB/WING TK 1 PS	Ship's FW	110.7					110.7							
14 WING TK 7 SB	FW	144.8						144.8						
15 WING TK 7 PS	FW	149.6						149.6						
16 WING TK 8 SB	FW	34.1						34.1						
17 WING TK 8 PS	FW	34.1						34.1						
18 DB TK 7 C	FW	22.5						22.5						
6 DB/WING TK 3 SB	FO	174.1		174.1										
7 DB/WING TK 3 PS	FO	151.0		151.0										
08A DB/WING TK 4 SB	FO	115.4		115.4										
09A DB/WING TK 4 PS	FO	115.4		115.4										
12 DB/WING TK 6 SB	FO	138.8		138.8										
13 DB/WING TK 6 PS	FO	138.8		138.8										
30 FO SERVICE TK SB	FO	41.7		41.7										
31 FO SERVICE TK PS	FO	41.7		41.7										
10 DB/WING TK 5 SB	ВО	103.8	103.8	41										
11 DB/WING TK 5 PS	ВО	103.8	103.8											
19 MUD TK 1 SB	LM/DW/WB	96.6	103.0			96.6				96.6				
20 MUD TK 1 PS	LM/DW/WB	96.6				96.6				96.6				
21 MUD TK 2 SB	LM/DW/WB	96.8				96.8				96.8				
22 MUD TK 2 PS	LM/DW/WB	96.8				96.8				96.8				
23 MUD TK 3 SB	LM	96.8				30.0				96.8				
24 MUD TK 3 PS	LM	96.8								96.8				
25 MUD TK 4 SB	LM	96.8								96.8				
26 MUD TK 4 PS	LM	96.8								96.8				
	DRY BULK	70.1			70.1					90.0				
Cem TK 1														
Cem TK 2	DRY BULK	70.1			70.1									
Cem TK 3 Cem TK 4	DRY BULK DRY BULK	70.1 70.1			70.1 70.1									
					70.1							44.4		
LO STORES TK	LO	11.1										11.1		
LO STORES AUX ENG	LO	3.7										3.7		
LO STORES THRUSTERS	LO	3.7										3.7		
		olume [m³]			280.4	•	214.1	385.1	0.0	774.0	0.0	18.5	0.0	0.0
	Spec Sheet Total V	olume [m³]	207.6	833.5	280.4	765.5	214.1	385.1	0.0	774.0	0.0	18.5	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.

DP Capability Plot



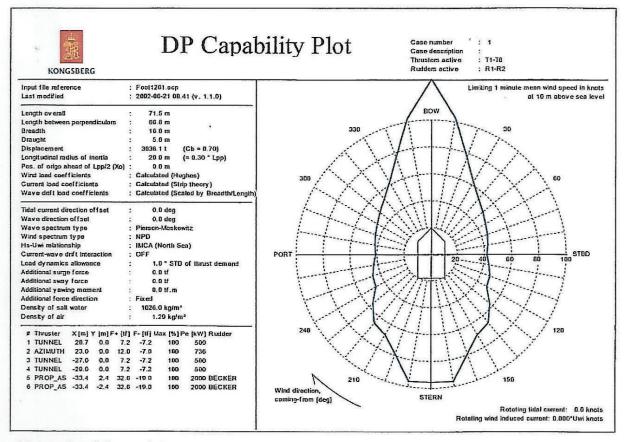


Figure 3: DP capability envelope for case 1.