



UT 755 L3 PSV

Vessel Characteristics

Length, Overall:	240.8 ft	73.4 m			
Beam:	52.5 ft	16 m			
Depth:	23 ft	7 m			
Maximum Draft:	19.4 ft	5.9 m			
Light Draft:	8.5 ft	2.6 m			
Freeboard:	3.6 ft	1.1 m			
Displacement:	5,000 lt	5,080 mt			
Deadweight:	3,180 lt	3,240 mt			
Clear Deck Space:	165 x 44 ft	50 x 14 m			
Clear Deck Area:	7,320 ft ²	680 m²			
Deck Strength AFT:	1,020 lb/ft²	5 t/m²			
Class Notations:	DNV: +1A1, Fire fighter(I), DYNPOS(AUTR), E0, SF				

Capacities

Deck Cargo:	1,570 lt	1,600 t
Fuel Oil:	523,000 gal	1,980 m³
Potable Water:	60,300 gal	230 m ³
Fresh Water:	173,000 gal	650 m³
Drill/Ballast Water:	100,000 gal	380 m³
Bulk Tanks (5 tanks):	10,800 ft³	310 m ³
Liquid Mud (2.5 SG*): *Max Structural Specific Gravity	5,740 bbl	910 m ³
Base Oil:	1,260 bbl	200 m ³
Oil Dispersant:	2,850 gal	10.8 m ³

TIDEWATER

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Further specifications



Machinery

Main Engines (2):		BERG	EN C25:33L8P		
Total HP:			6,300		
Propellers (2):			RRM CPP		
Primary Generators (1):	270 kw	440 v	60 hz		
Driven by:			CAT 3406		
Secondary Generators (2):	1,280 kw	440 v	60 hz		
Driven by:	MAIN ENGINES				
Emergency Generators (1):	270 kw	440 v	60 hz		
Driven by:	CAT 340				
Bow Thruster (2):	RRM TT 1650 DP CF				
Driven by:		600KW ELECT	TRIC MOTORS		
Total Thrust:		20.1 st	18.2 mt		
Stern Thruster (2):	RRM TT 1650 DP CP				
Driven by:	600KW ELECTRIC MOTORS				
Total Thrust:		20.1 st	18.2 mt		

Deck Equipment

Anchors (2):	2100 KG
Anchor Chain:	440 m of 36 mm chain per side
Windlass:	RRM 10T, Hydraulic
Crane (1):	1.5 t @ 10 m
Capstans (2):	10 t RRM 0-19 M/MIN
Tugger (2):	10 t RRM

Accommodations

No. of Berths:	28
Cabins:	6x1-man, 7x2-man & 2x4-man
Certified to Carry:	28
Galley seating:	14
Hospital:	Yes

Registration

Flag: VANUATU	Home Port: PORT VILA
Hull Number: 179	IMO N ^o : 9386275
Year Built: 2008	Call Sign: YJQA3
Builder:	Pan-United Marine Limited
Tonnage (ITC):	2218 GT 955 NT

Performance*

Fuel Consumption Vs Speed						
Maximum:	21.7 m³/day (240 gph) @ 14 knots					
Cruising:	13.5 m	n ³ /day (150 gph) @ 12 knots				
Economical:	11 m	³ /day (120 gph) @ 10 knots				
Standby:	1.2 m³/day (13.2 gph) @ 0 knots					
Transfer Rates						
Fuel Oil:	440 gpm @ 230 ft	100 m³/h @ 71 m				
Fresh Water:	660 gpm @ 230 ft	150 m³/h @ 71 m				
Drill/Ballast Water:	660 gpm @ 230 ft	150 m³/h @ 71 m				
Bulk:	47.1 cfm @ 190 ft	80 m³/h @ 57 m				
Liquid Mud:	330 gpm @ 600 ft 75 m³/h @ 180					
Base Oil:	660 gpm @ 230 ft 150 m³/h @ 71 m					
Brine:	330 gpm @ 600 ft	75 m³/h @ 180 m				

Nav/Comms Equipment

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

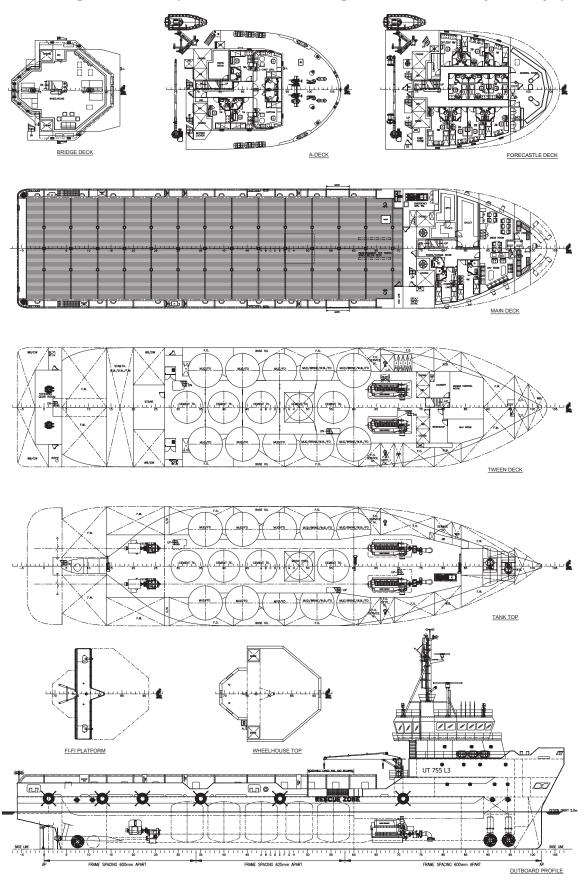
Special Equipment

Firefighting:	FiFi Other 2x 12	200m³/hr Fire Monitors
Dynamic Positioning:		DP-2
Ref. Systems:		3 x MRU; 2 x DGPS 1 x Laser-based
Mud Circulation System		Yes
Rescue Zone:		Yes
Rescue Boat:	Maritime Partne	er Weedo 17 RB, 6-Man
Gas Detection:	FIXED GAS DETECTION + 2X	PORTABLE SENSORS
Reefer Sockets:	2x 440V 500A; 4x 4	40V 63A; 1x 220V 32A
Misc:	MSD; Paraguard Type Stretcl Food Waste (ner; Scramble nets P/S; Grinder, Winching Zone

^{*}Approximate values assuming Ideal Conditions

General Arrangement (Current configuration may vary.)





Capacity Table



		Volume	Base	Fuel	Dry		Potable	Fresh		Liquid		Lube	_	Oil
Tank	Contents	m ³	Oil	Oil	Bulk	DW/WB	Water	Water	Brine	Mud	Methanol	Oil	Foam	Disp.
1 FOREPEAK	DW/WB	32.7				32.7								
4 DB/WING TK 2 SB	DW/WB	66.1				66.1								
5 DB/WING TK 2 PS	DW/WB	48.1				48.1								
29 STAB TK NO 1	DW/WB/FW	139.7				139.7		139.7						
51 TOP WING TK 7 SB	DW/WB	50.9				50.9								
52 TOP WING TK 7 PS	DW/WB	50.9				50.9								
54 AFT PEAK TK SB	DW/WB	65.8				65.8								
55 AFT PEAK TK PS	DW/WB	65.8				65.8								
2 DB/WING TK 1 SB	SHIP'S FW	120.5					120.5							
3 DB/WING TK 1 PS	SHIP'S FW	107.7					107.7							
14 WING TK 7 SB	FW	74.5						74.5						
15 WING TK 7 PS	FW	74.4						74.4						
16 WING TK 8 SB	FW	172.7						172.7						
17 WING TK 8 PS	FW	172.7						172.7						
18 DB TK 7 C	FW	20.4						20.4						
19 MUD TK 1 SB	LM/BR/DW/WB/FO	87.7		87.7		87.7				87.7				
20 MUD TK 1 PS	LM/BR/DW/WB/FO	87.7		87.7		87.7				87.7				
21 MUD TK 2 SB	LM/BR/DW/WB/FO	84.6		84.6		84.6				84.6				
22 MUD TK 2 PS	LM/BR/DW/WB/FO	84.6		84.6		84.6				84.6				
23 MUD TK 3 SB	LM/FO	84.6		84.6						84.6				
24 MUD TK 3 PS	LM/FO	84.6		84.6						84.6				
25 MUD TK 4 SB	LM/FO	99.8		99.8						99.8				
26 MUD TK 4 PS	LM/FO	99.8		99.8						99.8				
27 MUD TK 5 SB	LM/FO/BO	99.8	99.8	99.8						99.8				
28 MUD TK 5 PS	LM/FO/BO	99.8	99.8	99.8						99.8				
10 DB/WING TK 5 SB	FO	101.9		101.9										
11 DB/WING TK 5 PS	FO	101.9		101.9										
30 FO SERVICE TK SB	FO	39.1		39.1										
31 FO SERVICE TK PS	FO	39.1		39.1										
53 FO SETTLING TK	FO	34.2		34.2										
6 DB/WING TK 3 SB	FO	134.8		134.8										
7 DB/WING TK 3 PS	FO	153.4		153.4										
8 DB/WING TK 4 SB	FO	144.7		144.7										
9 DB/WING TK 4 PS	FO	144.6		144.6										
12 DB/WING TK 6 SB	FO	143.5		143.5										
13 DB/WING TK 6 PS	FO	143.5		143.5										
CEMENT TANK 1	DRY BULK	64.8			64.8									
CEMENT TANK 2	DRY BULK	47.1			47.1									
CEMENT TANK 3	DRY BULK	64.8			64.8									
CEMENT TANK 4	DRY BULK	64.8			64.8									
CEMENT TANK 5	DRY BULK	64.8			64.8									
32 LO STORES ME	LO	11.4										11.4		
33 LO STORES AUX ENG	LO	3.8										3.8		
34 LO STORES THRUSTER	LO	3.8										3.8		
57 LO STORES GEAR OIL	LO	3.6										3.6		
58 LO STORES STERN TUBE	LO	3.6										3.6		
56 DISPERSANT TK	DISP.	10.8												10.8
		lume [m³]				864.6	228.2	654.4	0.0	913.0	0.0	26.2	0.0	10.8
	Spec Sheet Total Vo	lume [m³]	199.6	1,981.3	306.3	380.3	228.2	654.4	0.0	913.0	0.0	26.2	0.0	10.8

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

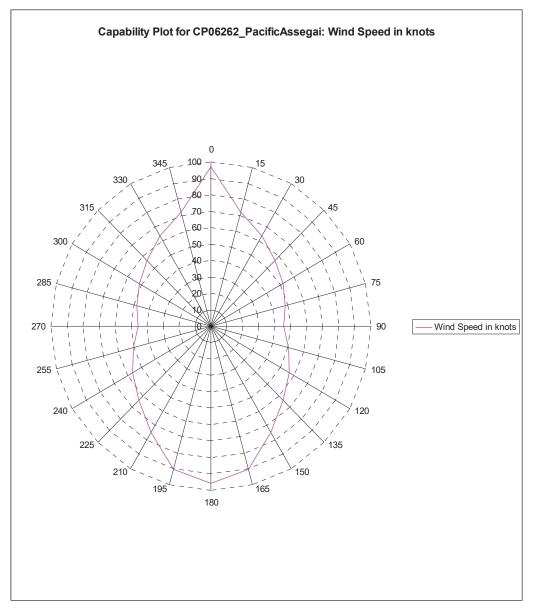
 $^{^{\}star}\text{Capacities}$ shown in RED are excluded from the total volume.

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

^{*}Capacities shown in GREEN are counted for multiple Tank Capacities.

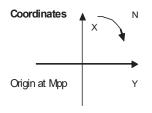
DP Capability Plot





Wind Angle is stepped from 0 to 360 deg. Wave Angle is stepped from 0 to 360 deg. Current Angle is stepped from 0 to 360 deg.

Wind Speed is Set Automatically.
Wave Height is Derived from Wind Speed.
Current Speed is 1.5 knots.



Weather Direction			Ship Direction
Wind Current at Waves	0 degrees 90 degrees	↓	