LANDRY TIDE





CONAN WU 7921 PLATFORM SUPPLY VESSEL

Vessel Characteristics

Length, Overall:	262.5 ft	80 m				
Beam:	68.9 ft	21 m				
Depth:	23.6 ft	7.2 m				
Maximum Draft:	18.4 ft	5.6 m				
Light Draft:	9.8 ft	3 m				
Minimum Height:	120 ft	36 m				
Freeboard:	5.3 ft	1.6 m				
Displacement:	7,550 lt	7,670 mt				
Deadweight:	3,160 lt	3,210 mt				
Clear Deck Space:	102 x 58 ft	31 x 18 m				
Clear Deck Area:	5,540 ft²	510 m ²				
Deck Strength AFT:	1,020 lb/ft²	5 t/m²				
Class Notations:	ABS: +A1, OSV, +AMS, (E), FFV-1, +DPS-2, +ACCU, EN- VIRO, HAB(WB), UWILD, MLC-ACCOM, GP, SPS					

Capacities

Deck Cargo:	1,330 lt	1,350 t
Fuel Oil:	311,000 gal	1,180 m ³
Potable Water:	121,000 gal	460 m ³
Fresh Water:	549,000 gal	2,080 m ³
Drill/Ballast Water:	76,700 gal	290 m ³
Bulk Tanks (4 tanks):	10,400 ft³	290 m ³
Liquid Mud (2.5 SG*): *Max Structural Specific Gravity	6,610 bbl	1,050 m³
Oil Dispersant:	5,970 gal	22.6 m ³
Fire Fighting Foam:	5,230 gal	19.8 m ³

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LANDRY TIDE Further specifications



Machinery

Main Engines (2):	MAK 8M25C					
Total HP:	6,440					
Z-Drives:		Yes				
Propellers (2):	BERG 2.65m CPP					
Kort Nozzles:						
Primary Generators (3):	550 kw	440 v	60 hz			
Driven by:	CAT C-					
Secondary Generators (2):	2,100 kw 440 v 6					
Driven by:		MAIN ENGINES				
Emergency Generators (1):	240 kw	440 v	60 hz			
Driven by:	CAT C-9					
Bow Thruster (2):	BERG BTT 419 CP					
Driven by:	950KW ELECTRIC MOTOR					
Total Thrust:	31.9 st 28.9					

Deck Equipment

Anchors (2):	2850KG HIGH HOLDING
Anchor Chain:	330 m of 50.8 mm chain per side
Windlass:	2xMacGregor 15T@0-14M/MIN
Crane (1):	11 t @ 13 m
Aux. Crane (1):	1 t @ 14 m
Capstans (2):	8 t Macgregor Cargotec

Accommodations

No. of Berths:	66
Cabins:	11x1-man, 26x2-man & 1x3-man
Certified to Carry:	66
Galley seating:	45
Hospital:	Yes

Registration

Flag: VANUATU	Home Port: PORT VILA						
Hull Number: 13166		IMO N ^o : 9734886					
Year Built: 2016		Call Sign: YJUN6					
Builder:		GSHI SHIPYARDS					
Tonnage (ITC):	4367 GT	1310 NT					

Performance*

Fuel Consumption Vs Speed								
Maximum:	28.5 m³/day (310 gph) @ 14 knots							
Cruising:	23.9 m³/day (260 gph) @ 12.5 knots							
Economical:	14.8 m³/day (160 gph) @ 10.5 knots							
Standby:	2.5 m³/day (27.5 gph) @ 0 knots							
Range @ 12.5 Knots:	14,800 nm							
Transfer Rates								
Fuel Oil:	660 gpm @ 270 ft	150 m³/h @ 82 m						
Fresh Water:	660 gpm @ 270 ft	150 m³/h @ 82 m						
Drill/Ballast Water:	660 gpm @ 270 ft	150 m³/h @ 82 m						
Bulk:	44.7 cfm @ 190 ft	75.9 m³/h @ 57 m						
Liquid Mud:	440 gpm @ 670 ft	100 m³/h @ 200 m						

Nav/Comms Equipment

Radar(s):	3
Depth Sounder:	1
Gyro Compass:	3
Wind Speed Indicators:	4
Doppler Log:	1
Radio:	4 x VHF; 1 x SSB
Sat Com:	2XINMARSAT/VSAT

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
Water Maker:	2 X 10T/DAY
Mud Circulation System/ Mud Mixers:	Yes/Yes
Rescue Zone:	Yes
Rescue Boat:	9-Man Merlin 615 FRC
Gas Detection:	FIXED H2S & LEL SENSORS
SPS Compliant:	Yes
Misc:	MSD - 66 Persons; Helideck sized for Sikorsky S-92; 2 x Double Point Lifting Davits for ERAF 14 Naval Craft; 2 x Dedicated Customer Offices; 10-P Gymnasium; 20-P Mosque; 20-P Client Lounge; 1 x Aviation VHF

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LANDRY TIDE General Arrangement (Current configuration may vary.)





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LANDRY TIDE Capacity Table



Tonk	Contonto	Volume	Base	Fuel	Dry		Potable	Fresh	Brino	Liquid	Mothenel	Lube	Ecom	Oil
Talik	contents	m ³	Oil	Oil	Bulk	DW/WB	Water	Water	Drille	Mud	Wethanoi	Oil	Foam	Disp.
FP DW/WB C	DW/WB	190.33				190.3								
No. 1 DW/WB P	DW/WB	93.51				93.5		93.5						
No. 1 DW/WB S	DW/WB	93.51				93.5		93.5						
NO. 1 DW/WB C	DW/WB	43.64				43.6		43.6						
No. 2 DW/WB P	DW/WB	96.82				96.8		96.8						
No. 3 DW/WB P	DW/WB	30.49				30.5		30.5						
No. 3 DW/WB S	DW/WB	30.49				30.5		30.5						
No. 3 DW/WB C	DW/WB	65.54				65.5		65.5						
No. 4 DW/WB P	DW/WB	28.83				28.8		28.8						
No. 4 DW/WB S	DW/WB	28.83				28.8		28.8						
No. 4 DW/WB C	DW/WB	83.19				83.2		83.2						
No. 5 DW/WB P	DW/WB	28.84				28.8		28.8						
NO. 5 DW/WB 5	DW/WB	28.84				28.8		28.8						
No. 6 DW/WB C	DW/WB	19 19				19.2		19.2						
No. 6 DW/WB S	DW/WB	19.19				19.2		19.2						
No. 6 DW/WB C	DW/WB	86.99				87.0		87.0						
No. 7 DW/WB C	DW/WB	192.99				193.0		193.0						
No. 8 DW/WB C	DW/WB	188.87				188.9		188.9						
No. 9 DW/WB C	DW/WB	210.65				210.7		210.7						
No. 10 DW/WB C	DW/WB	206.24				206.2		206.2						
No. 11 DW/WB P	DW/WB	79.32				79.3		79.3 7F.4						
NO. 11 DW/WB 5	DW/WB	75.41				75.4		75.4						
No. 12 DW/WB S	DW/WB	28.79				28.8		28.8						
AP DW/WB TK P	DW/WB	49.99				50.0		20.0						
AP DW/WB TK S	DW/WB	49.99				50.0								
No. 1 PW P	Ships FW	234.12					234.1							
No. 1 PW S	Ships FW	224.77					224.8							
No. 2 PW P	FW	57.45						57.5						
No. 2 PW S	FW	57.45						57.5						
No. 1 CFO P	FO	147.0		147.0										
No. 1 CFU S	FO	203.9		203.9										
No. 4 CFO P	FO	53.5		53.5										
No. 5 CFO P	FO	125.0		125.0										
No. 5 CFO S	FO	125.0		125.0										
No. 5 CFO C	FO	149.2		149.2										
No. 2 FO P	FO	80.4		80.4										
No. 2 FO S	FO	80.4		80.4										
No. 3 FO P	FO	80.4		80.4										
NO. 3 FU S	FO	80.4		80.4										
FO Day TK P	FO	31.5		31.5										
FO Sett P	FO	29.2		29.2										
FO Sett S	FO	29.2		29.2										
FO Overflow C	FO	26.4		26.4										
No. 1 Mud/Brine P	LM/BR	58.6								58.6				
No. 1 Mud/Brine S	LM/BR	58.6								58.6				
No. 2 Mud/Brine P	LM/BR	106.5								106.5				
No. 2 Mud/Brine S		106.5								106.5				
No. 3 Mud/Brine P		61.1								61.1				
No. 4 Mud/Brine P	LM/BR/ORO	111.4								111.4				
No. 4 Mud/Brine S	LM/BR/ORO	111.4								111.4				
No. 5 Mud/Brine P	LM/BR/ORO	188.2								188.2				
No. 5 Mud/Brine S	LM/BR/ORO	188.2								188.2				
Dry Bulk Tk 1	Dry Bulk	76.0			76.0									
Dry Bulk Tk 2	Dry Bulk	76.0			76.0									
Dry Bulk Tk 3	Dry Bulk	76.0			76.0									
Disporsant P	Dry Bulk	6/.U 22.6			67.0									22.6
Foam P	FOAM	19.8											19.8	22.0
M/E LO ST S	LO	7.2										7.2		
A/E LO ST P	LO	5.2										5.2		
Lube Oil P	LO	6.0										6.0		
Lube Oil S	LO	6.0										6.0		
	Total Vol	ume [m ³ 1	0.0	1.326.1	295.0	2.254.9	458.9	2.079.5	0.0	1.051.4	0.0	24.4	19.8	22.6
Spec Sh	eet Total Vol	ume [m ³]	0.0	1,178.4	295.0	290.3	458.9	2,079.5	0.0	1,051.4	0.0	24.4	19.8	22.6

*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.

NOTICE: The data

LANDRY TIDE DP Capability Plot





Figure 10: DP capability envelope for case 1.

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