

FLOWERS 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:	20 ft	6.1 m
Light Draft:	10.2 ft	3.1 m
Minimum Height:	120 ft	36 m
Freeboard:	3.6 ft	1.1 m
Displacement:	7,550 lt	7,670 mt
Deadweight:	4,340 lt	4,410 mt
Clear Deck Space:	163 x 58 ft	50 x 18 m
Clear Deck Area:	9,370 ft ²	870 m ²
Deck Strength AFT:	1,020 lb/ft ²	5 t/m ²
Class Notations:	ABS: +A1, OSV, +AMS, (E), FFV-1, +DPS-2, +ACCU, SUPPLY-HNLS, ENVIRO, HAB(WB), UWILD, OSR-C1, MLC-ACCOM, GP, SPS	

Capacities

Deck Cargo:	1,480 lt	1,500 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 ft ³	290 m ³
Liquid Mud (2.5 SG*):	6,610 bbl	1,050 m ³
*Max Structural Specific Gravity		
Oil Dispersant:	5,970 gal	22.6 m ³
Fire Fighting Foam:	5,230 gal	19.8 m ³

TIDEWATER

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Pg.2 Further Specifications
Pg.3 General Arrangement

Pg.4 Capacity Table
Pg.5 DP Capability Plot

NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.

LAST UPDATE: 11/20/2023

Machinery

Main Engines (2):	MAK 8M25C		
Total HP:	6,440		
Z-Drives:	Yes		
Propellers (2):	BERG 2.65m CPP		
Kort Nozzles:	2		
Primary Generators (3):	550 kw	440 v	60 hz
Driven by:	CAT C-18		
Secondary Generators (2):	2,100 kw	440 v	60 hz
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 mt	

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):	4 t @ 19 m
Capstans (2):	8 t Macgregor Cargotec
Tugger (2):	10 t MACGREGOR CARGOTEC

Accommodations

No. of Berths:	54
Cabins:	12x1-man, 3x2-man & 9x4-man
Certified to Carry:	54
Galley seating:	45
Hospital:	Yes

Registration

Flag: VANUATU	Home Port: PORT VILA
Hull Number: 13167	IMO N ^o : 9734898
Year Built: 2016	Call Sign: YJWC3
Builder:	GSHI SHIPYARDS
Tonnage (ITC):	3991 GT1245 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

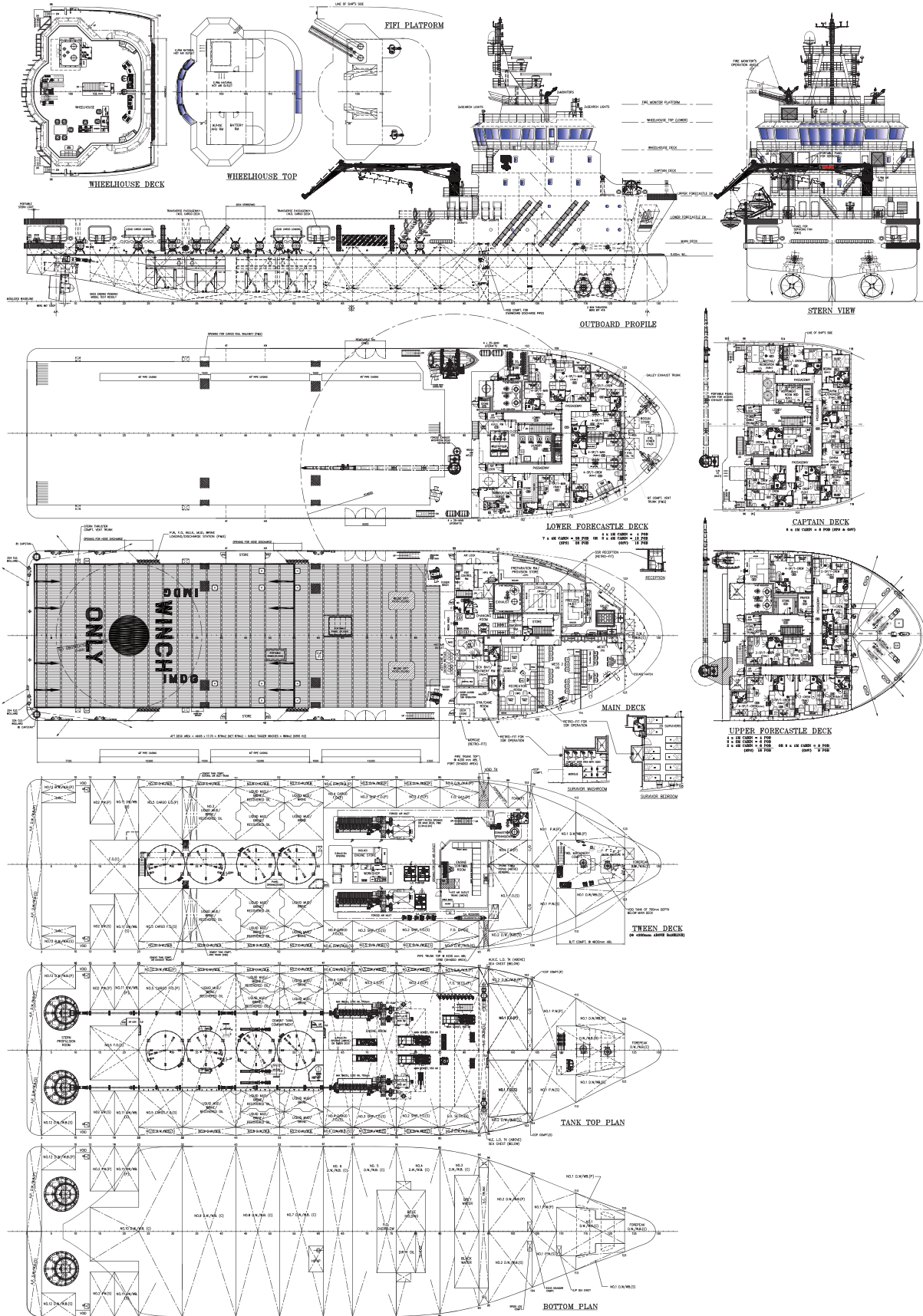
Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Wind Speed Indicators:	3
Doppler Log:	1
Radio:	2 x VHF; 1 x SSB
Sat Com:	2XINMARSAT-C

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
Water Maker:	10T/DAY
Mud Circulation System/ Mud Mixers:	Yes/Yes
Rescue Zone:	Yes
Rescue Boat:	9-Man Merlin 615 FRC
Gas Detection:	PORTABLE H2S GAS SNIFFER
Reefer Sockets:	4x 440V 50A 3ph; 4x 220V 50A 1ph; 4x 220V 30A 3ph
SPS Compliant:	Yes
Misc:	Gas Detection: 1xPortable H2S, 1xPortable O2; ORO Capable - 733.8m3; *SPS Limited Deadweight = 3648.6T; MSD - 54 Persons

*Approximate values assuming Ideal Conditions

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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 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	72.06				72.1		72.1						
No. 2 DW/WB S	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 S	DW/WB	28.84				28.8		28.8						
No. 5 DW/WB C	DW/WB	103.61				103.6		103.6						
No. 6 DW/WB P	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						
No. 11 DW/WB S	DW/WB	75.41				75.4		75.4						
No. 12 DW/WB P	DW/WB	28.79				28.8		28.8						
No. 12 DW/WB S	DW/WB	28.79				28.8		28.8						
AP DW/WB TK P	DW/WB	49.99				50.0								
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 CFO S	FO	203.9		203.9										
No. 4 CFO P	FO	53.5		53.5										
No. 4 CFO S	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 FO S	FO	80.4		80.4										
FO Day Tk P	FO	31.5		31.5										
FO Day Tk S	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	LM/BR	106.5								106.5				
No. 3 Mud/Brine P	LM/BR/ORO	61.1								61.1				
No. 3 Mud/Brine S	LM/BR/ORO	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									
Dry Bulk Tk 4	Dry Bulk	67.0			67.0									
Dispersant P	DISP	22.6												22.6
Foam P	FOAM	19.8											19.8	
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 Volume [m ³]			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 Sheet Total Volume [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.

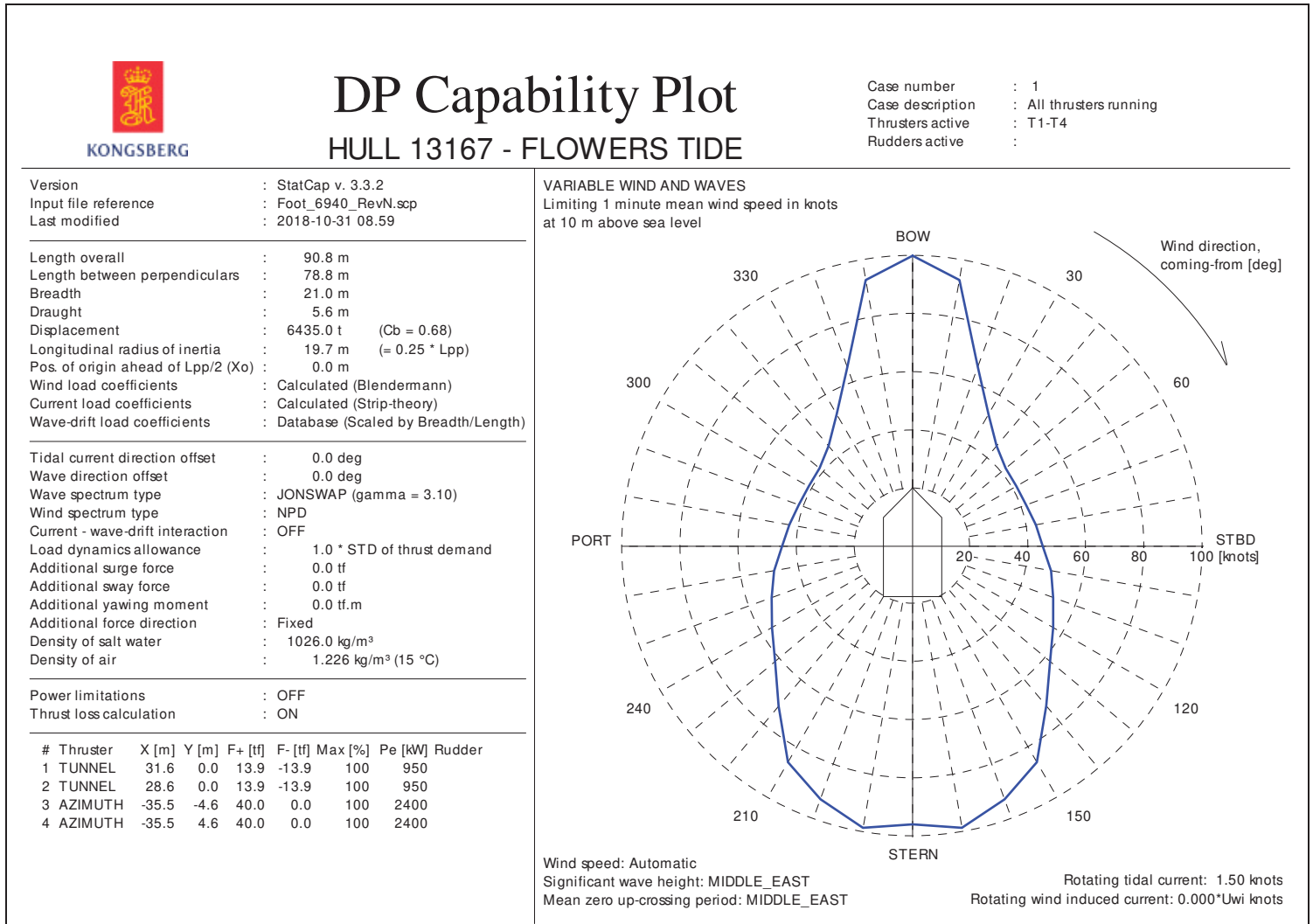


Figure 10: DP capability envelope for case 1.