



UT 771 CDL PLATFORM SUPPLY VESSEL

Vessel Characteristics

Length, Overall:	274.9 ft	83.8 m
Beam:	59.1 ft	18 m
Depth:	23 ft	7 m
Maximum Draft:	19 ft	5.8 m
Light Draft:	8.9 ft	2.7 m
Minimum Height:	82.3 ft	25.1 m
Freeboard:	3.9 ft	1.2 m
Displacement:	6,430 lt	6,530 mt
Deadweight:	3,890 lt	3,960 mt
Clear Deck Space:	189 x 49 ft	58 x 15 m
Clear Deck Area:	9,310 ft ²	860 m ²
Deck Strength AFT:	1,020 lb/ft ²	5 t/m ²
Class Notations:	ABS: +A1, OSV, (E), +AMS, +ACCU, +DPS-2, EN-VIRO, HAB(WB), UWILD, FIFI-1, GP	

Capacities

Deck Cargo:	2,490 lt	2,520 t
Fuel Oil:	186,000 gal	710 m ³
Potable Water:	69,000 gal	260 m ³
Fresh Water:	558,000 gal	2,110 m ³
Drill/Ballast Water:	65,100 gal	250 m ³
Bulk Tanks (6 tanks):	11,300 ft ³	320 m ³
Liquid Mud (2.8 SG*):	6,400 bbl	1,020 m ³
*Max Structural Specific Gravity		
Base Oil:	1,360 bbl	220 m ³
Fire Fighting Foam:	1,320 gal	5 m ³

TIDEWATER

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Pg.2 Further Specifications

Pg.4 Capacity Table

Pg.3 General Arrangement

Pg.5 DP Capability Plot

Machinery

Diesel Electric Vessel			
Propulsive/Total HP:	4,290 / 7,280		
Z-Drives:	Yes		
Propellers (2):	2 x 1600kw AZIPULL FP		
Primary Generators (4):	1,360 kw	690 v	60 hz
Driven by:	Cat 3512C		
Emergency Generators (1):	400 kw	690 v	60 hz
Driven by:	CAT C18		
Bow Thruster (2):	RR/TT 2000DPN FP + RR/UCS 911 FP		
Driven by:	790KW + 725 KW Electric Motors		
Total Thrust:	25.4 st	23 mt	

Deck Equipment

Anchors (2):	7275 LBS SPEK TYPE
Anchor Chain:	330 m of 45.7 mm chain per side
Windlass:	R.R. LBFGX 63046
Crane (1):	3 t @ 15.8 m
Capstans (2):	10 t BRATTVAAG CMX2210
Tugger (2):	10 t BRATTVAAG/LAKMX22010

Accommodations

No. of Berths:	46
Cabins:	10x1-man, 14x2-man & 2x4-man
Certified to Carry:	46
Galley seating:	25
Hospital:	Yes

Registration

Flag: VANUATU	Home Port: PORT VILA
Hull Number: 492	IMO N ^o : 9659359
Year Built: 2014	Call Sign: YJTM9
Builder:	COSCO GUANGDONG
Tonnage (ITC):	3370 GT1293 NT

Performance*

Fuel Consumption Vs Speed		
Maximum:	18.8 m³/day (210 gph) @ 14 knots	
Cruising:	12.8 m³/day (140 gph) @ 12 knots	
Economical:	8 m³/day (88 gph) @ 8 knots	
Standby:	2.7 m³/day (30.1 gph) @ 0 knots	
Range @ 12 Knots:	15,900 nm	
Transfer Rates		
Fuel Oil:	880 gpm @ 300 ft	200 m³/h @ 92 m
Fresh Water:	880 gpm @ 300 ft	200 m³/h @ 92 m
Drill/Ballast Water:	880 gpm @ 300 ft	200 m³/h @ 92 m
Bulk:	31.3 cfm @ 190 ft	53.1 m³/h @ 57 m
Liquid Mud:	330 gpm @ 600 ft	75 m³/h @ 180 m
Base Oil:	660 gpm @ 300 ft	150 m³/h @ 92 m
Brine:	330 gpm @ 450 ft	75 m³/h @ 140 m

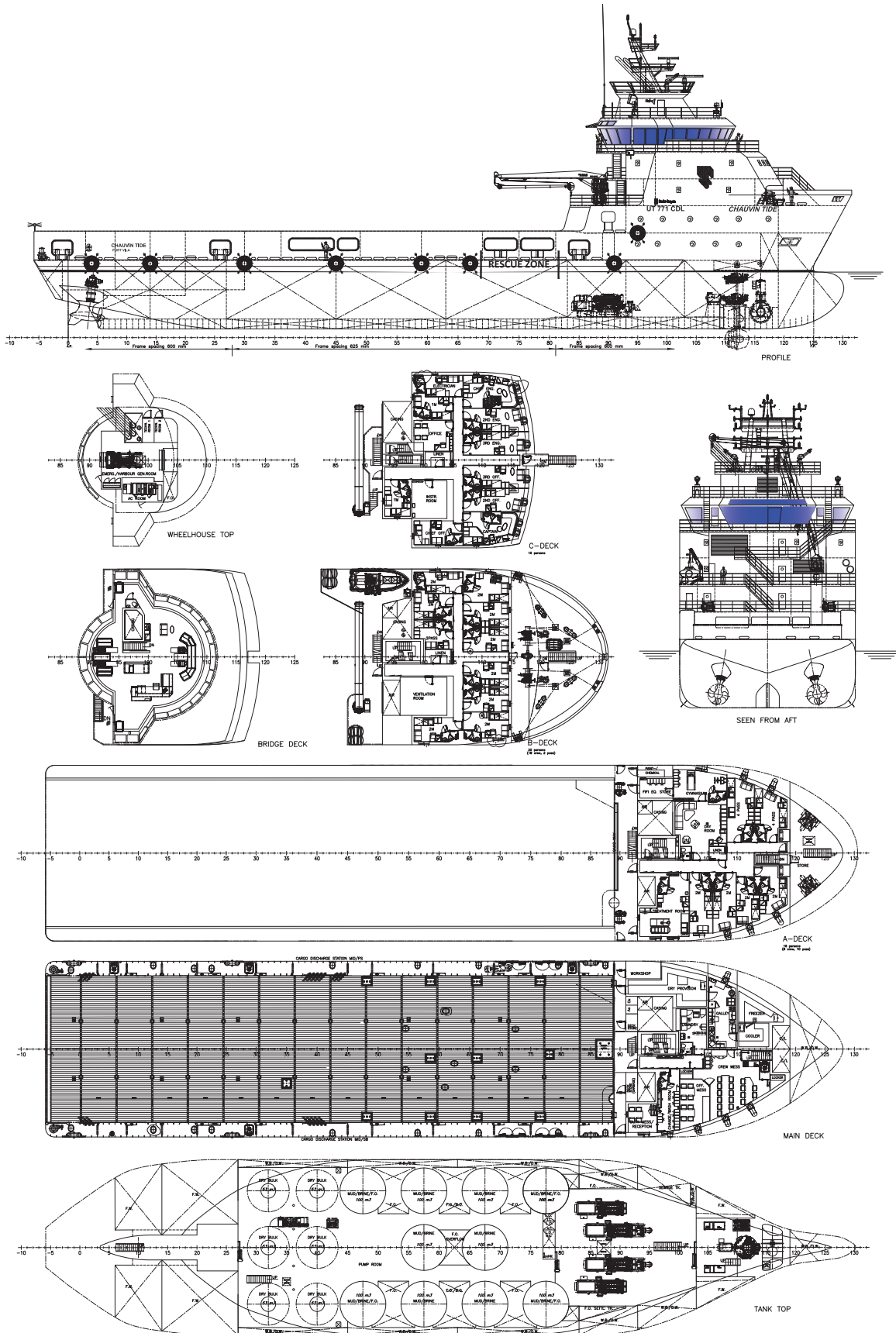
Nav/Comms Equipment

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

Special Equipment

Firefighting:	FiFi-1
Dynamic Positioning:	DP-2
Ref. Systems:	2 x MRU; 2 x DGPS 1 x Microwave-based; 1 x Laser-based
Mud Mixers:	Yes
Tank Cleaning:	Yes
Rescue Zone:	Yes
Rescue Boat:	15-MAN FRC
Fuel Monitoring:	FUELTRAX
Gas Detection:	HONEYWELL TOUCHPOINT + 5XH2S SENSORS & 5XLEL SENSORS
Misc:	MSD; Reefer Sockets

*Approximate values assuming Ideal Conditions





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.
01 Fore Peak Tk	DW/WB	157.6				157.6								
02 DB Tk 1	DW/WB	31.7				31.7		31.7						
03 FO Overflow Tk	FO	43.2		43.2										
04 DB Tk 2	DW/WB	43.8				43.8		43.8						
06 DB Tk 4 PS	DW/WB	105.1				105.1		105.1						
07 DB Tk 4 SB	DW/WB	102.2				102.2		102.2						
08 DB Tk 5 PS	DW/WB	86.0				86.0		86.0						
09 DB Tk 5 SB	DW/WB	86.0				86.0		86.0						
10 DB Tk 6 PS	DW/WB	80.3				80.3		80.3						
11 DB Tk 6 SB	DW/WB	81.7				81.7		81.7						
15 DB Tk Aft	DW/WB	19.3				19.3		19.3						
18 W Tk 9 PS	FW	82.2						82.2						
19 W Tk 9 SB	FW	82.2						82.2						
20 W Tk 1 PS	Ship's FW	130.6					130.6							
21 W Tk 1 SB	Ship's FW	130.6					130.6							
23 W. Tk 2 SB	DW/WB	66.5				66.5		66.5						
24 W. Tk 3 PS	DW/WB	57.2				57.2		57.2						
25 W. Tk 3 SB	DW/WB	57.2				57.2		57.2						
26 W. Tk 4 PS	DW/WB	63.6				63.6		63.6						
27 W. Tk 4 SB	DW/WB	68.8				68.8		68.8						
28 W. Tk 5 PS	DW/WB	55.1				55.1		55.1						
29 W. Tk 5 SB	DW/WB	55.1				55.1		55.1						
30 W. Tk 6 PS	DW/WB	44.5				44.5		44.5						
31 W. Tk 6 SB	DW/WB	44.5				44.5		44.5						
36 FW Tk10 P	FW	38.0						38.0						
37 FW Tk10 S	FW	38.0						38.0						
38 Serv Tk P	FO	19.3		19.3										
39 Sett tk P	FO	20.3		20.3										
41 Sett tk S	FO	20.3		20.3										
42 FO TK 4 PS	FO	120.7		120.7										
43 FO TK 4 SB	FO	114.2		114.2										
44 FO TK 5 PS	FO/BO	107.8	107.8	107.8										
45 FO TK 5 SB	FO/BO	107.8	107.8	107.8										
46 FO TK 6 PS	FO	127.7		127.7										
47 FO TK 6 SB	FO	127.7		127.7										
50 Circular Tk 1	LM	101.5								101.5				
51 Circular Tk 2	LM	101.5								101.5				
52 Circular Tk 3	LM	101.5								101.5				
53 Circular Tk 4	LM	101.5								101.5				
54 Circular Tk 5	LM	103.0								103.0				
55 Circular Tk 6	LM	101.5								101.5				
56 Circular Tk 7	LM	101.5								101.5				
57 Circular Tk 8	LM	103.0								103.0				
58 Circular Tk 9	LM	101.5								101.5				
59 Circular Tk 10	LM	101.5								101.5				
60 Dry Bulk Tk 1	Dry Bulk	53.1			53.1									
61 Dry Bulk Tk 2	Dry Bulk	53.1			53.1									
62 Dry Bulk Tk 3	Dry Bulk	53.1			53.1									
63 Dry Bulk Tk 4	Dry Bulk	53.1			53.1									
64 Dry Bulk Tk 5	Dry Bulk	53.1			53.1									
65 Dry Bulk Tk 6	Dry Bulk	53.1			53.1									
73 W. Tk 2 PS	DW/WB	35.8				35.8		35.8						
74 Serv Tk S	FO	19.3		19.3										
75 Roll Red 1	DW/WB/FW	220.0				220.0		220.0						
76 Roll Red 2	DW/WB/FW	188.6				188.6		188.6						
77 Roll Red 3	DW/WB/FW	174.0				174.0		174.0						
78 LO Tk 1	LO	1.6										1.6		
79 LO Tk 2	LO	1.9										1.9		
80 LO Tk 3	LO	5.0										5.0		
82 LO Tk Aft P	LO	2.1										2.1		
83 LO Tk Aft S	LO	2.1										2.1		
84 DB Tk 3 PS	DW/WB	52.3				52.3		52.3						
85 DB Tk 3 SB	DW/WB	52.3				52.3		52.3						
90 W. Tk Aft P	DW/WB	44.4				44.4								
91 W Tk Aft S	DW/WB	44.4				44.4								
Total Volume [m ³]			215.6	828.3	318.6	2,118.0	261.2	2,112.0	0.0	1,018.0	0.0	12.7	0.0	0.0
Spec Sheet Total Volume [m ³]			215.6	705.9	318.6	246.4	261.2	2,112.0	0.0	1,018.0	0.0	12.7	0.0	0.0

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

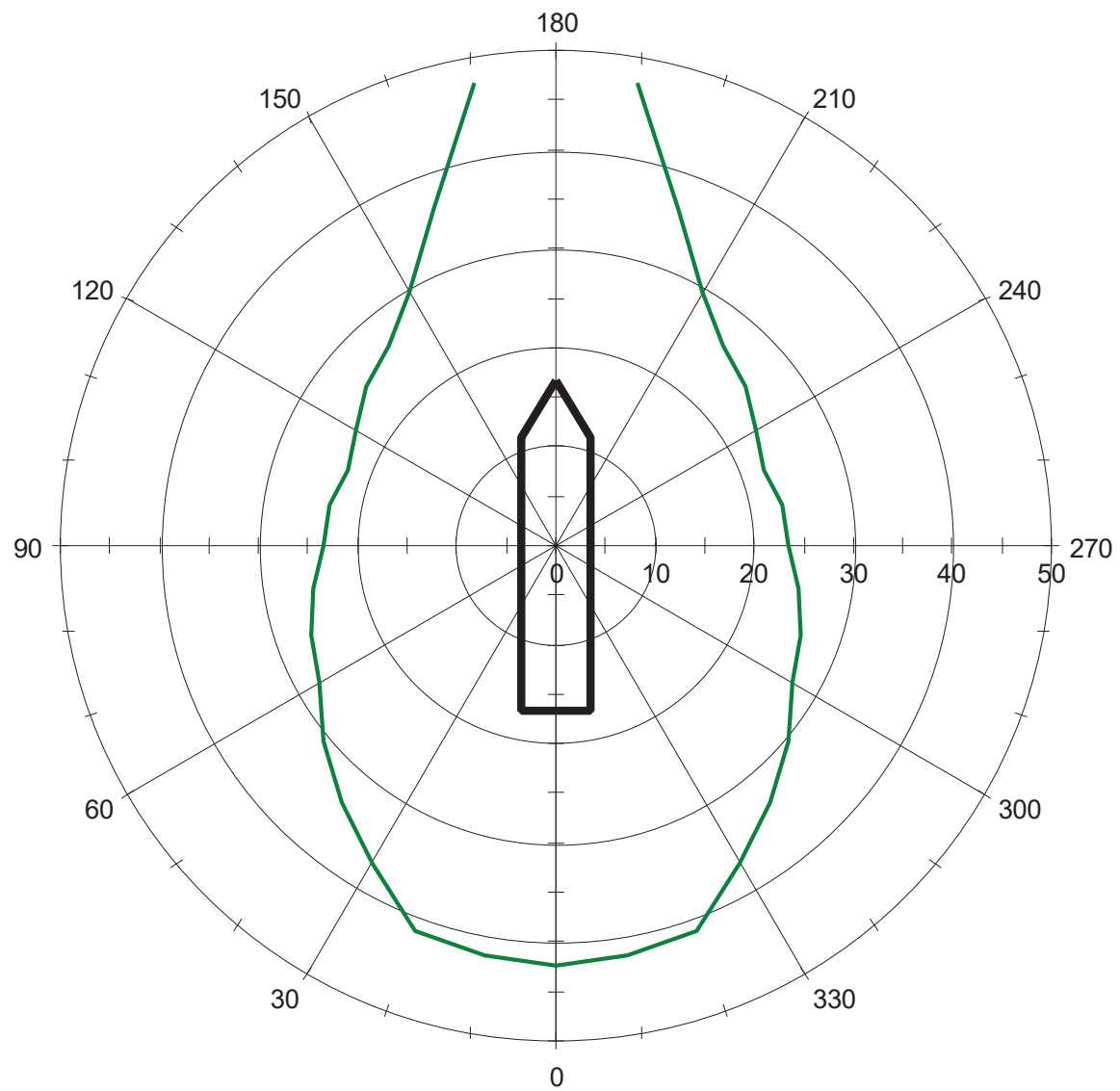
*Capacities shown in **RED** are excluded from the total volume.

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

*Capacities shown in **GREEN** are counted for multiple Tank Capacities.



Ship: UT 771 CDL - DE
Run : Capability 0 current All intact



Wind [m/s] (truncated at 50.0 m/s)

External:
Variable wind velocity rotating 360 deg
0.00 m/s wind generated current rotating 360 deg
Variable wave height rotating 360 deg