



CINDY BROWN TIDE as shown, LEBOUF TIDE similar

## QSY 266 PLATFORM SUPPLY VESSEL

### Vessel Characteristics

Length, Overall:	266.1 ft	81.1 m
Beam:	56.1 ft	17.1 m
Depth:	19.4 ft	5.9 m
Maximum Draft:	15.8 ft	4.8 m
Light Draft:	5.9 ft	1.8 m
Minimum Height:	71.9 ft	21.9 m
Freeboard:	3.6 ft	1.1 m
Displacement:	5,300 lt	5,380 mt
Deadweight:	3,550 lt	3,610 mt
Clear Deck Space:	198 x 48 ft	60 x 15 m
Clear Deck Area:	9,430 ft <sup>2</sup>	880 m <sup>2</sup>
Deck Strength AFT:	1,020 lb/ft <sup>2</sup>	5 t/m <sup>2</sup>
Class Notations:	ABS: FFV 1, +ACC, (E), +AMS, +DPS-2, +A1	

### Capacities

Deck Cargo:	2,460 lt	2,500 t
Fuel Oil:	142,000 gal	540 m <sup>3</sup>
Potable Water:	33,100 gal	130 m <sup>3</sup>
Fresh Water:	314,000 gal	1,190 m <sup>3</sup>
Drill/Ballast Water:	30,800 gal	120 m <sup>3</sup>
Bulk Tanks (4 tanks):	6,600 ft <sup>3</sup>	190 m <sup>3</sup>
Liquid Mud (2.6 SG*):	11,700 bbl	1,860 m <sup>3</sup>
*Max Structural Specific Gravity		
Methanol:	2,120 bbl	340 m <sup>3</sup>

## TIDEWATER

Find out more

[tdw.com](https://tdw.com)

Pg.2 Further Specifications  
Pg.3 General Arrangement

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Machinery

Main Engines (2):	CAT 3516C HD Series II		
Total HP:	5,150		
Z-Drives:	Yes		
Propellers (2):	Steerprop, 4 Blades, FPP		
Kort Nozzles:	2		
Primary Generators (3):	340 kw	480 v	60 hz
Driven by:	CAT C18		
Emergency Generators (1):	170 kw	480 v	60 hz
Driven by:	CAT C9		
Bow Thruster (2):	Rolls Royce CPP 735KW		
Driven by:	CAT Diesel Engines		
Total Thrust:	24.7 st	22.4 mt	

Deck Equipment

Anchors (2):	5420 lbs STOCKLESS
Anchor Chain:	250 m of 38 mm chain per side
Windlass:	Coastal, Electric

Accommodations

No. of Berths:	32
Cabins:	2x1-man, 5x2-man & 5x4-man
Certified to Carry:	32
Galley seating:	22

Registration

Flag: VANUATU	Home Port: PORT VILA
Hull Number: 1272	IMO N <sup>o</sup> : 9418535
Year Built: 2010	Call Sign: YJW4
Builder:	QUALITY SHIPYARDS
Tonnage (ITC):	2326 GT697 NT

Performance\*

Fuel Consumption Vs Speed		
Maximum:	18 m³/day (200 gph) @ 12 knots	
Cruising:	10.1 m³/day (110 gph) @ 10 knots	
Economical:	4.6 m³/day (51 gph) @ 7 knots	
Range @ 11 Knots:	8,850 nm	
Transfer Rates		
Fuel Oil:	650 gpm @ 230 ft	150 m³/h @ 70 m
Drill/Ballast Water:	650 gpm @ 230 ft	150 m³/h @ 70 m
Bulk:	27.5 cfm @ 230 ft	46.7 m³/h @ 70 m
Liquid Mud:	700 gpm @ 180 ft	160 m³/h @ 56 m
Methanol:	600 gpm @ 180 ft	140 m³/h @ 56 m

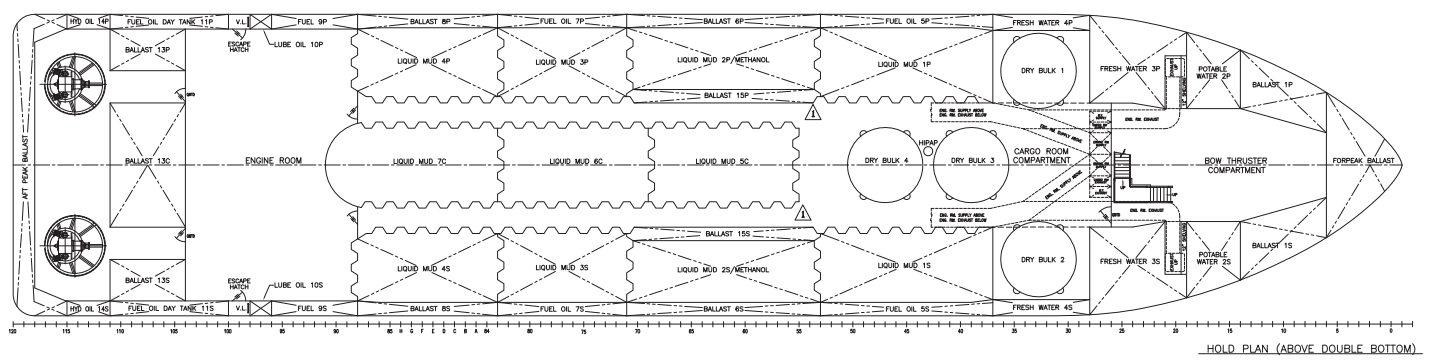
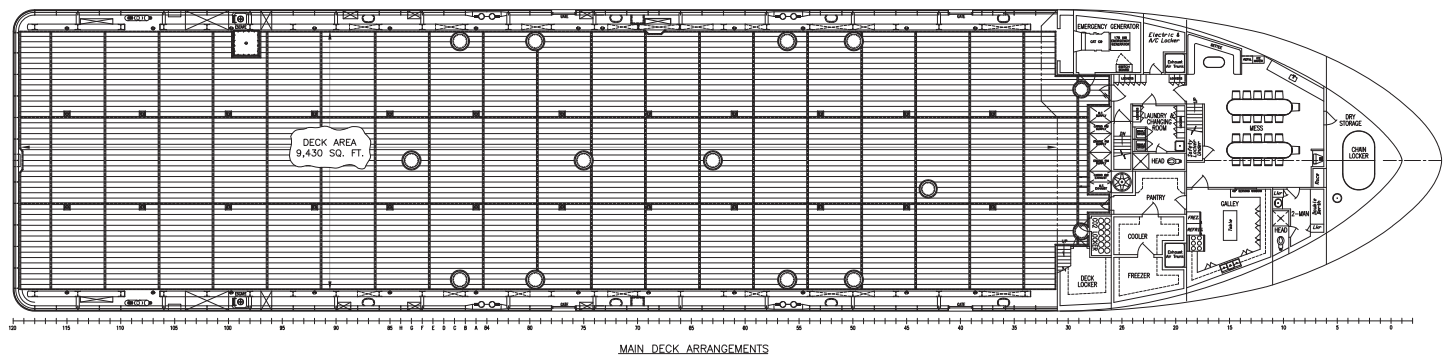
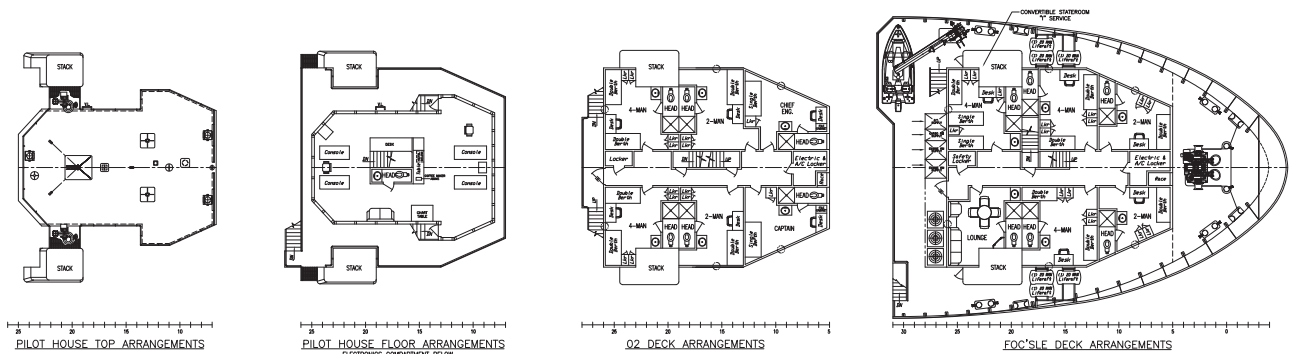
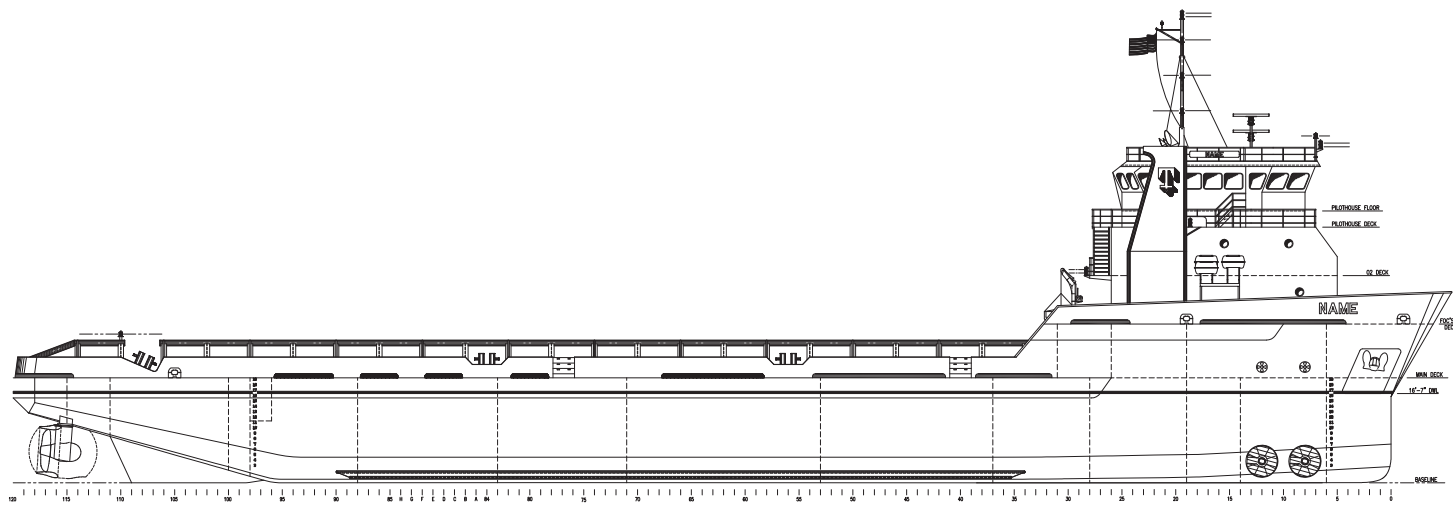
Nav/Comms Equipment

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

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 Circulation System/ Mud Mixers:	Yes/Yes
Rescue Boat:	SOLAS Approved
Fuel Monitoring:	FUELTRAX
Misc:	HIPAP Ready; MSD-38 PERSONS

\*Approximate values assuming Ideal Conditions





Tank	Contents	Volume m <sup>3</sup>	Base Oil	Fuel Oil	Dry Bulk	DW/WB	Potable Water	Fresh Water	Brine	Liquid Mud	Methanol	Lube Oil	Foam	Oil Disp.
WB FP Tk	DW/WB	72.9				72.9								
WB Tk 1P	DW/WB	60.3				60.3		60.3						
WB Tk 1S	DW/WB	60.3				60.3		60.3						
WB Tk 6P	DW/WB	126.6				126.6		126.6						
WB Tk 6S	DW/WB	126.6				126.6		126.6						
WB Tk 8P	DW/WB	91.6				91.6		91.6						
WB Tk 8S	DW/WB	91.6				91.6		91.6						
WB Tk 13P	DW/WB	43.5				43.5		43.5						
WB Tk 13S	DW/WB	43.5				43.5		43.5						
WB Tk 13C	DW/WB	111.8				111.8		111.8						
WB Tk 15P	DW/WB	36.8				36.8		36.8						
WB Tk 15S	DW/WB	36.8				36.8		36.8						
WB AP Tk	DW/WB	43.7				43.7								
PW Tk 2P	Ship's FW	62.6					62.6							
PW Tk 2S	Ship's FW	62.6					62.6							
FW Tk 3S	FW	114.8						114.8						
FW Tk 3P	FW	114.8						114.8						
FW Tk 4S	FW	64.5						64.5						
FW Tk 4P	FW	64.5						64.5						
FO Tk 5S	FO	112.9		112.9										
FO Tk 5P	FO	112.9		112.9										
FO Tk 7S	FO	84.4		84.4										
FO Tk 7P	FO	84.4		84.4										
FO Tk 9S	FO	47.4		47.4										
FO Tk 9P	FO	47.4		47.4										
FO Tk 9C	FO	46.9		46.9										
FO Day Tk 11P	FO	36.3		36.3										
FO Day Tk 11S	FO	36.3		36.3										
LM Tk 1P	LM	184.5								184.5				
LM Tk 1S	LM	184.5								184.5				
LM/METH Tk 2P	LM/METH	168.4								168.4	168.4			
LM/METH Tk 2S	LM/METH	168.4								168.4	168.4			
LM Tk 3P	LM	136.4								136.4				
LM Tk 3S	LM	136.4								136.4				
LM Tk 4P	LM	152.5								152.5				
LM Tk 4S	LM	152.5								152.5				
LM Tk 5C	LM	179.4								179.4				
LM Tk 6C	LM	185.9								185.9				
LM Tk 7C	LM	206.6								206.6				
Lube Oil Tk (10 S)	LO	2.2										2.2		
Lube Oil Tk (10 P)	LO	2.2										2.2		
Dry Bulk 1	Dry Bulk	46.7			46.7									
Dry Bulk 2	Dry Bulk	46.7			46.7									
Dry Bulk 3	Dry Bulk	46.7			46.7									
Dry Bulk 4	Dry Bulk	46.7			46.7									
Total Volume [m <sup>3</sup> ]			0.0	609.1	186.9	946.0	125.1	1,188.1	0.0	1,855.6	336.9	4.3	0.0	0.0
Spec Sheet Total Volume [m <sup>3</sup> ]			0.0	536.4	186.9	116.5	125.1	1,188.1	0.0	1,855.6	336.9	4.3	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.





KONGSBERG

# DP Capability Plot

## QUALITY SHIPYARDS HULL 1271

Case number : 1  
Case description : ERN - All thrusters active  
Thrusters active : T1-T4  
Rudders active :

Input file reference : Foot\_3116.scp  
Last modified : 2009-05-05 13.54 (v. 2.7.0)

Length overall : 81.4 m  
Length between perpendiculars : 75.2 m  
Breadth : 17.7 m  
Draught : 5.1 m  
Displacement : 5091.2 t (Cb = 0.73)  
Longitudinal radius of inertia : 18.8 m (= 0.25 \* Lpp)  
Pos. of origin ahead of Lpp/2 (Xo) : 0.0 m  
Wind load coefficients : Calculated (Blendermann)  
Current load coefficients : Calculated (Strip-theory)  
Wave-drift load coefficients : Database (Scaled by Breadth/Length)

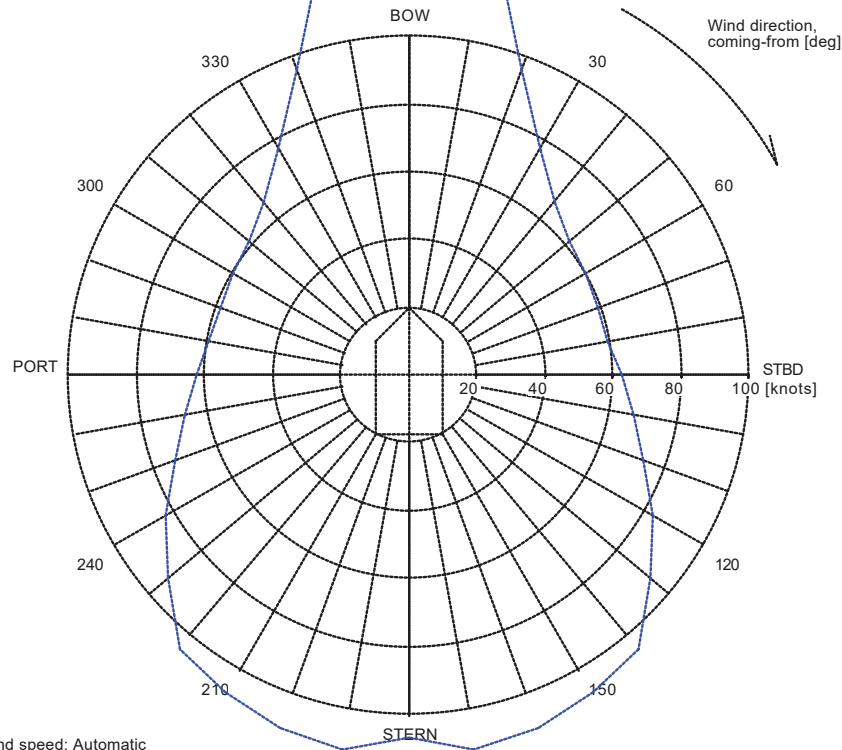
Tidal current direction offset : 0.0 deg  
Wave direction offset : 0.0 deg  
Wave spectrum type : JONSWAP (gamma = 3.30)  
Wind spectrum type : NPD  
Current - wave-drift interaction : OFF  
Load dynamics allowance : 1.0 \* STD of thrust demand  
Additional surge force : 0.0 tf  
Additional sway force : 0.0 tf  
Additional yawing moment : 0.0 tf.m  
Additional force direction : Fixed  
Density of salt water : 1026.0 kg/m³  
Density of air : 1.226 kg/m³ (15 °C)

Power limitations : OFF  
Thrust loss calculation : ON

#	Thruster	X [m]	Y [m]	F+ [tf]	F- [tf]	Max [%]	Pe [kW]	Rudder
1	TUNNEL	34.3	0.0	10.9	-10.9	100	727	
2	TUNNEL	31.7	0.0	10.9	-10.9	100	727	
3	AZIMUTH	-36.4	-5.0	33.3	-20.5	100	1885	
4	AZIMUTH	-36.4	5.0	33.3	-20.5	100	1885	

Limiting 1 minute mean wind speed in knots  
at 10 m above sea level

ERN (99, 99, 98).  
ERN are subject to DNV approval



Wind speed: Automatic  
Significant wave height: DNV (ERN)  
Mean zero up-crossing period: DNV (ERN)

Rotating tidal current: 1.46 knots  
Rotating wind induced current: 0.000\*Uwi knots