GREENWOOD TIDE

POET 75 M PLATFORM SUPPLY VESSEL

Vessel Characteristics

Length, Overall:	246.1 ft	75 m
Beam:	59.1 ft	18 m
Depth:	23 ft	7 m
Maximum Draft:	19 ft	5.8 m
Light Draft:	9.2 ft	2.8 m
Minimum Height:	81.3 ft	24.8 m
Freeboard:	3.9 ft	1.2 m
Displacement:	5,700 lt	5,800 mt
Deadweight:	3,380 lt	3,440 mt
Clear Deck Space:	159 x 49 ft	49 x 15 m
Clear Deck Area:	7,590 ft^2	700 m^2
Deck Strength AFT:	1,020 lb/ft^2	5 t/m^2
Class Notations:	ABS: +A1, FFV-1, OSV, (E), +AMS, +DPS-2	

Capacities

Deck Cargo:	1,130 lt	1,150 t
Fuel Oil:	170,000 gal	640 m^3
Potable Water:	159,000 gal	600 m^3
Drill/Ballast Water:	379,000 gal	1,440 m^3
Bulk Tanks (4 tanks):	8,120 ft^3	230 m^3
Liquid Mud (2.5 SG*): *Max Structural Specific Gravity	4,390 bbl	700 m^3
Base Oil:	840 bbl	130 m^3
Brine:	1,200 bbl	190 m^3
Oil Dispersant:	3,630 gal	13.8 m^3
Fire Fighting Foam:	6,160 gal	23.3 m^3

TIDEWATER

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Further specifications

Machinery

Main Engines (2):			Niigata 8L28HX
Total HP:			5,920
Z-Drives:			Yes
Kort Nozzles:			2
Primary Generators (4):	590 kw	440 v	60 hz
Driven by:			CAT 3412C
Emergency Generators (1):	99 kw	440 v	60 hz
Driven by:			VOLVO D7A-T
Bow Thruster (2):			Nakashima TCT-135
Driven by:			520 kW Electric Motors
Total Thrust:		17.4 st	15.8 mt

Deck Equipment

Anchors (2):	5820 LBS AC-14
Anchor Chain:	270 m of 46 mm chain per side
Windlass:	ME 10.6THWL
Crane (1):	1.8 t @ 14 m
Aux. Crane (1):	5 t @ 10.1 m
Capstans (2):	5 t ME 5THVO
Tugger (2):	10 t ME 10THGW

Accommodations

No. of Berths:	50
Cabins:	8x1-man, 9x2-man & 6x4-man
Certified to Carry:	50
Galley seating:	24
Hospital:	Yes

Registration

Flag: MEXICO	**Home Port:** ISLA DEL CARMEN	
Hull Number: 1367	**IMO N^{O}:** 9587348	
Year Built: 2010	**Call Sign:** XCRH9	
Builder:	JINGJIANG NANYANG SHIPYAD	
Tonnage (ITC):	2921 GT	876 NT

Performance*

Fuel Consumption Vs Speed		
Maximum:	18.2 m³/day (200 gph) @ 13 knots	
Cruising:	10.3 m³/day (110 gph) @ 10.5 knots	
Economical:	6.6 m³/day (73 gph) @ 8 knots	
Standby:	1.5 m³/day (16.5 gph) @ 0 knots	
Range @ 10.5 Knots:	15,800 nm	
Transfer Rates		
Fuel Oil:	440 gpm @ 260 ft	100 m³/h @ 80 m
Potable Water:	440 gpm @ 260 ft	100 m³/h @ 80 m
Drill/Ballast Water:	440 gpm @ 260 ft	100 m³/h @ 80 m
Bulk:	33.8 cfm @ 230 ft	57.4 m³/h @ 71 m
Liquid Mud:	330 gpm @ 260 ft	75 m³/h @ 80 m
Brine:	220 gpm @ 260 ft	50 m³/h @ 80 m

Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Wind Speed Indicators:	3
Doppler Log:	1
Radio:	2 x VHF; 2 x SSB
Sat Com:	FLEET BROADBAND 500

Special Equipment

Firefighting:	FiFi-1
Dynamic Positioning:	DP-2
Ref. Systems:	2 x MRU; 3 x DGPS 1 x Microwave-based; 1 x Laser-based
Water Maker:	1 X 25T/DAY
Mud Circulation System/ Mud Mixers:	Yes/Yes
Rescue Zone:	Yes
Rescue Boat:	6-MAN MOB SOLAS APPROVED
Fuel Monitoring:	FUELTRAX
Reefer Sockets:	2x 440V 60A; 2x 220V 72A
Misc:	MSD - 65 Persons

*Approximate values assuming Ideal Conditions

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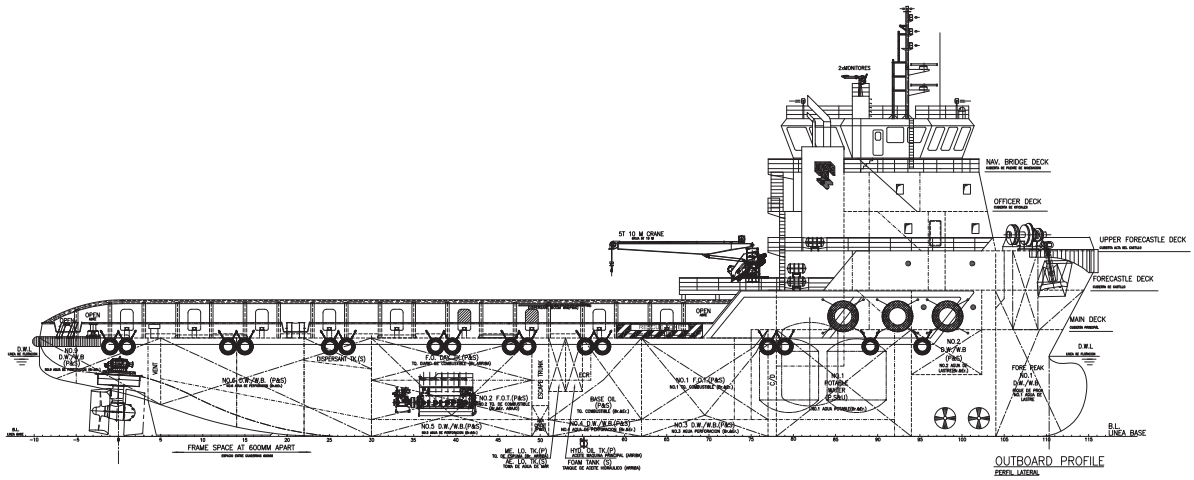
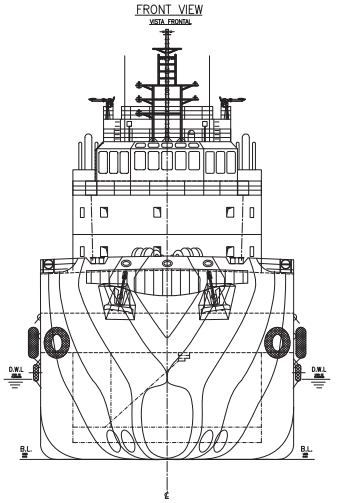
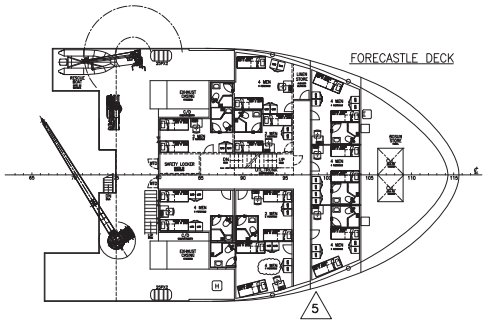
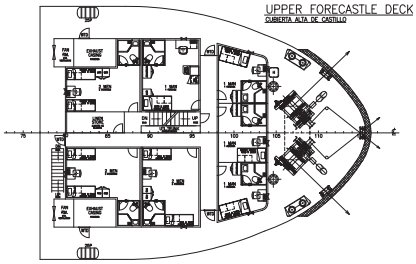
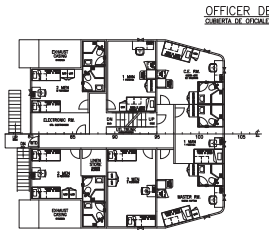
General Arrangement (Current configuration may vary.)

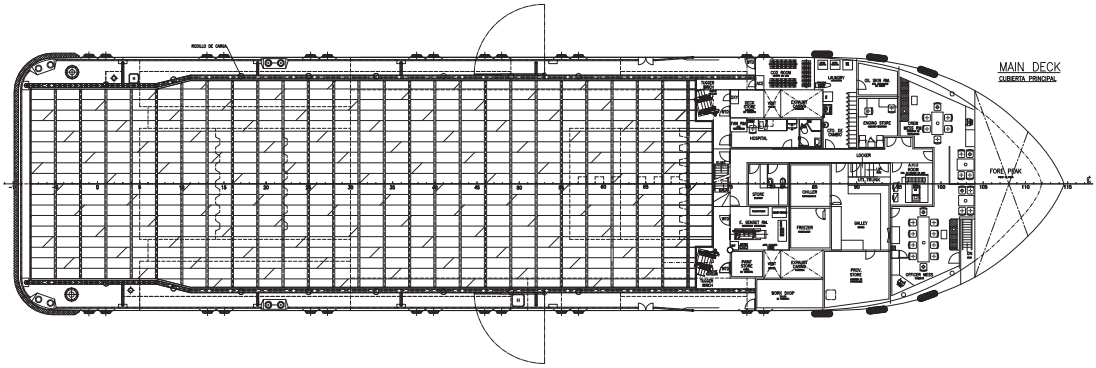


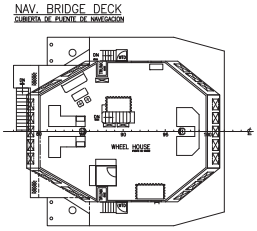


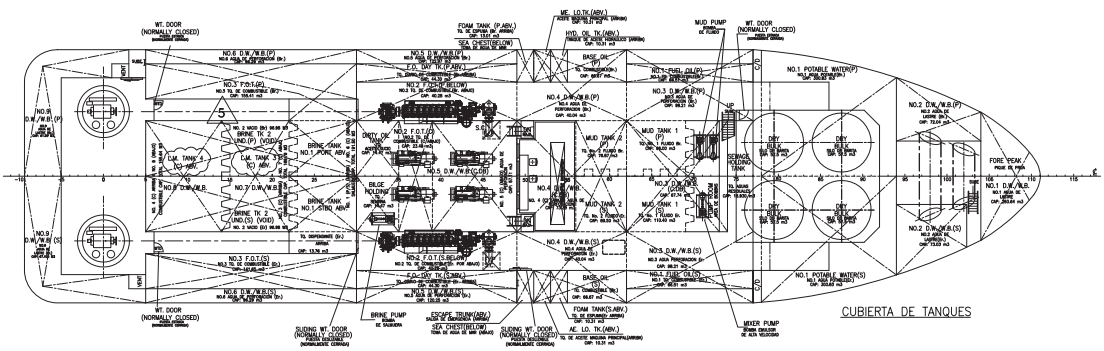












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Capacity Table

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.
No. 1 DW/WB C	DW/WB	250.6				250.6								
No. 2 DW/WB P	DW/WB	72.0				72.0								
No. 2 DW/WB S	DW/WB	73.0				73.0								
No. 3 DW/WB P	DW/WB	98.2				98.2								
No. 3 DW/WB S	DW/WB	98.2				98.2								
No. 3 DW/WB C	DW/WB	67.7				67.7								
No. 4 DW/WB P	DW/WB	40.0				40.0								
No. 4 DW/WB S	DW/WB	40.0				40.0								
No. 4 DW/WB C	DW/WB	73.4				73.4								
No. 5 DW/WB P	DW/WB	123.0				123.0								
No. 5 DW/WB S	DW/WB	120.3				120.3								
No. 5 DW/WB C	DW/WB	57.1				57.1								
No. 6 DW/WB P	DW/WB	96.3				96.3								
No. 6 DW/WB S	DW/WB	96.3				96.3								
No. 9 DW/WB P	DW/WB	61.9				61.9								
No. 9 DW/WB S	DW/WB	67.4				67.4								
Potable Water P	Ship's FW	300.8					300.8							
Potable Water S	Ship's FW	300.8					300.8							
No. 1 FO P	FO	66.5		66.5										
No. 1 FO S	FO	66.5		66.5										
No. 2 FO P	FO/BO	66.7	66.7	66.7										
No. 2 FO S	FO/BO	66.7	66.7	66.7										
No. 2 FO Overflow C	FO	23.5		23.5										
No. 3 FO P	FO	40.3		40.3										
No. 3 FO S	FO	40.3		40.3										
No. 4 FO P	FO	155.4		155.4										
No. 4 FO S	FO	141.7		141.7										
FO Day Tk P	FO	44.3		44.3										
FO Day Tk S	FO	44.3		44.3										
No. 1 BR P	BRINE	95.8							95.8					
No. 1 BR S	BRINE	95.8							95.8					
No. 2 BR P	VOID	97.0												
No. 2 BR S	VOID	97.0												
No. 1 LM P	LM	96.0								96.0				
No. 1 LM S	LM	110.4								110.4				
No. 2 LM P	LM	76.9								76.9				
No. 2 LM S	LM	89.5								89.5				
No. 3 LM C	LM	155.6								155.6				
No. 4 LM C	LM	169.8								169.8				
Dispersant Tk	DISP	13.8												13.8
FOAM P	FOAM	13.0											13.0	
FOAM S	FOAM	10.3											10.3	
ME LO Tk	LO	10.3										10.3		
AE LO Tk	LO	10.3										10.3		
Dry Bulk 1	Dry Bulk	57.5			57.5									
Dry Bulk 2	Dry Bulk	57.5			57.5									
Dry Bulk 3	Dry Bulk	57.5			57.5									
Dry Bulk 4	Dry Bulk	57.5			57.5									
Total Volume [m^3]			133.3	756.1	230.0	1,435.5	601.7	0.0	191.5	698.2	0.0	20.6	23.3	13.8
Spec Sheet Total Volume [m^3]			133.3	644.0	230.0	1,435.5	601.7	0.0	191.5	698.2	0.0	20.6	23.3	13.8

***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.**

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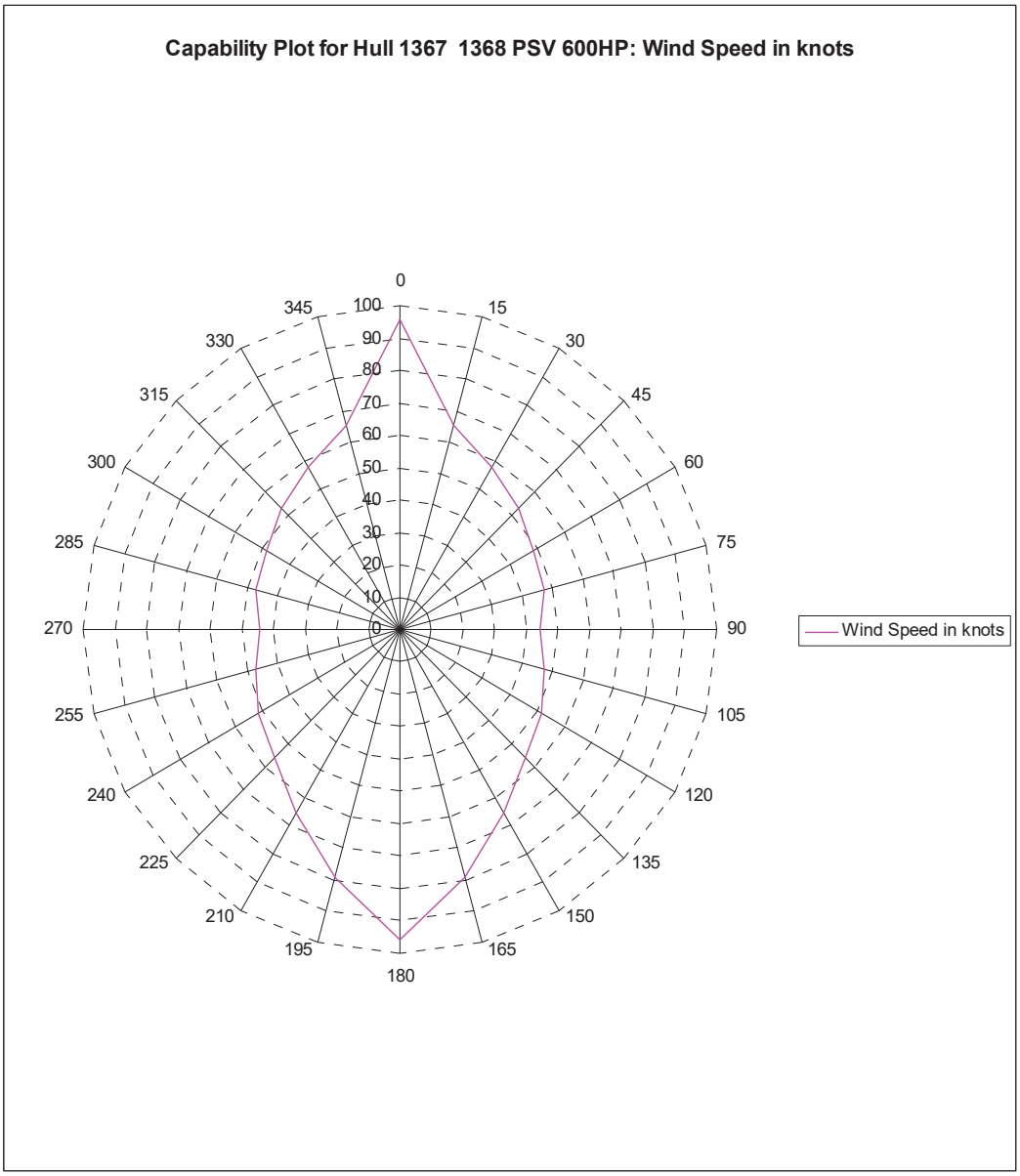
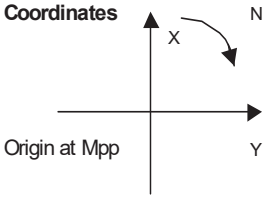
DP Capability Plot



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 0 knots.

Coordinates



Weather Direction

Wind		0 degrees
Current	at	
Waves		90 degrees

Ship Direction

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