



75M 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 ft	2.8 m
Minimum Height:	81.3 ft	24.8 m
Freeboard:	4 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:	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 (21 lbs/gal):	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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Machinery

Main Engines (2):	Niigata 8L28HX		
<i>Total HP:</i>	5,920		
Z-Drives:	Yes		
Kort Nozzles:	2		
Primary Generators (4):	590 kw	440 v	60 hz
<i>Driven by:</i>	CAT 3412C		
Emergency Generators (1):	99 kw	440 v	60 hz
<i>Driven by:</i>	VOLVO D7A-T		
Bow Thruster (2):	Nakashima TCT-135		
<i>Driven by:</i>	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
Crane:	1.8 t @ 14 m
Aux. Crane:	5 t @ 10 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	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		
<i>Maximum:</i>	18.2 m ³ /day (200 gph) @ 13 knots	
<i>Cruising:</i>	10.3 m ³ /day (110 gph) @ 10.5 knots	
<i>Economical:</i>	6.6 m ³ /day (73 gph) @ 8 knots	
<i>Standby:</i>	1.5 m ³ /day (16.5 gph) @ 0 knots	
Range @ 10.5 Knots:	15,800 nm	
Transfer Rates		
<i>Fuel Oil:</i>	440 gpm @ 260 ft	100 m ³ /h @ 80 m
<i>Potable Water:</i>	440 gpm @ 260 ft	100 m ³ /h @ 80 m
<i>Drill/Ballast Water:</i>	440 gpm @ 260 ft	100 m ³ /h @ 80 m
<i>Bulk:</i>	33.8 cfm @ 230 ft	57.4 m ³ /h @ 71 m
<i>Liquid Mud:</i>	330 gpm @ 260 ft	75 m ³ /h @ 80 m
<i>Brine:</i>	220 gpm @ 260 ft	50 m ³ /h @ 80 m

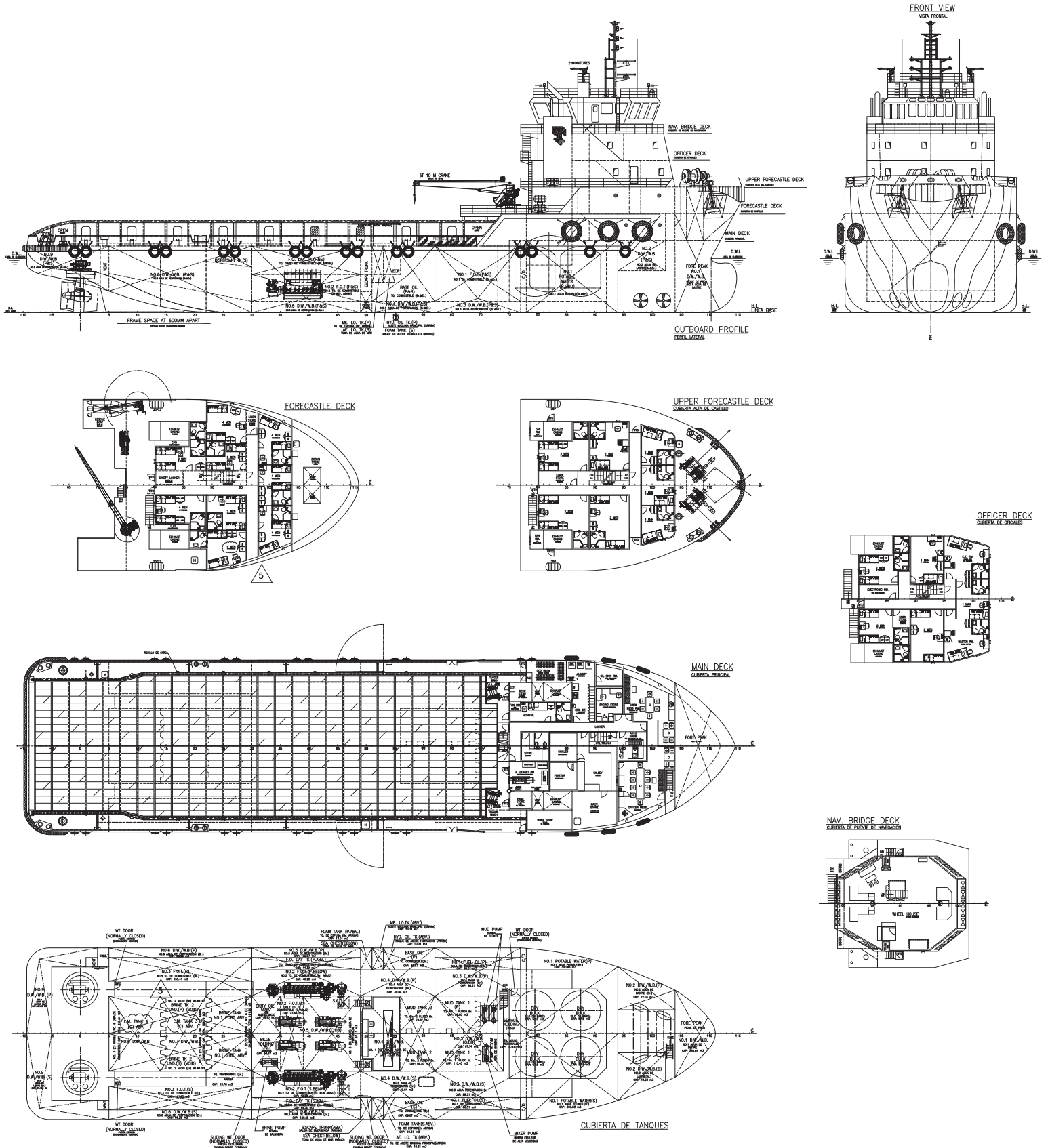
Nav/Comms Equipment

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

Special Equipment

Firefighting:	FiFi-1
Dynamic Positioning:	Converteam 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 Boat:	6-MAN MOB SOLAS APPROVED

*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.
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.

