# **CARR TIDE**





### MMC 887 PLATFORM SUPPLY VESSEL

#### **Vessel Characteristics**

Length, Overall:	285.8 ft	87.1 m			
Beam:	61.7 ft	18.8 m			
Depth:	24.3 ft	7.4 m			
Maximum Draft:	20 ft	6.1 m			
Light Draft:	7.6 ft	2.3 m			
Minimum Height:	91.2 ft	27.8 m			
Freeboard:	4.6 ft	1.4 m			
Displacement:	7,600 lt	7,720 mt			
Deadweight:	5,050 lt	5,130 mt			
Clear Deck Space:	196 x 52 ft	60 x 16 m			
Clear Deck Area:	9,980 ft²	930 m <sup>2</sup>			
Deck Strength AFT:	1,020 lb/ft²	5 t/m²			
Class Notations:	ABS: +A1, (E), +AMS, +DPS-2, FFV-1, OSV, UWILD, WS				

#### Capacities

Deck Cargo:	2,800 lt	2,840 t
Fuel Oil:	240,000 gal	910 m <sup>3</sup>
Potable Water:	44,300 gal	170 m <sup>3</sup>
Fresh Water:	530,000 gal	2,010 m <sup>3</sup>
Drill/Ballast Water:	86,700 gal	330 m <sup>3</sup>
Bulk Tanks (5 tanks):	14,700 ft³	420 m <sup>3</sup>
Liquid Mud (2.4 SG*): *Max Structural Specific Gravity	15,200 bbl	2,410 m <sup>3</sup>
Methanol:	2,700 bbl	430 m <sup>3</sup>

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Pg.3 General Arrangement

### Pg.2 Further Specifications

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### **CARR TIDE** Further specifications



#### Machinery

Diesel Electric Vessel						
Propulsive/Total HP:	5,360 / 10,200					
Z-Drives:		Yes				
Propellers (2):	4-Blade FP Rolls-Royce					
Kort Nozzles:	2					
Primary Generators (4):	1,820 kw	480 v	60 hz			
Driven by:	Cummins QSK60-D(M)					
Emergency Generators (1):	150 kw 480 v 60 h					
Driven by:	Cummins 6CTA8.3-D(M)					
Bow Thruster (2):	1220 HP CPP TT, 1073 HP CPP DD					
Driven by:	ELECTRIC MOTOR DRIVEN					
Total Thrust:	28.7 st 26 mt					

#### **Deck Equipment**

Anchors (2):	5456 lbs HHP
Anchor Chain:	250 m of 50 mm chain per side
Windlass:	Electric, 65/32 kn @10/20 m/m
Crane (1):	2 t @ 10.1 m
Capstans (2):	7.5 t Electric, 328 ft. of .5 in.
Tugger (2):	10 t ELECTRIC, PLIMSOLL

#### Accommodations

No. of Berths:	52
Cabins:	16x1-man, 10x2-man & 4x4-man
Certified to Carry:	52
Galley seating:	30
Hospital:	Yes

#### Registration

Flag: VANUATU	F	Iome Port: PORT VILA				
Hull Number: 6196		IMO N <sup>o</sup> : 9533608				
Year Built: 2012	Call Sign: YJRA6					
Builder:		FUJIAN MAWEI				
Tonnage (ITC):	3955 GT	1429 NT				

#### **Performance**\*

Fuel Consumption Vs Speed							
Maximum:	28 m³/day (310 gph) @ 14 knots						
Cruising:	12.5 m	<sup>3</sup> /day (140 gph) @ 10 knots					
Economical:	10	m³/day (110 gph) @ 8 knots					
Standby:	2.3	m³/day (25 gph) @ 0 knots					
Range @ 10 Knots:	17,400 nm						
Transfer Rates							
Fuel Oil:	660 gpm @ 300 ft	150 m³/h @ 92 m					
Fresh Water:	660 gpm @ 300 ft	150 m³/h @ 92 m					
Drill/Ballast Water:	660 gpm @ 300 ft	150 m³/h @ 92 m					
Bulk:	49 cfm @ 180 ft	83.2 m³/h @ 56 m					
Liquid Mud:	660 gpm @ 190 ft	150 m³/h @ 58 m					
Methanol:	330 gpm @ 300 ft	75 m³/h @ 92 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 Circulation System:	Yes
Tank Cleaning:	Yes
Rescue Boat:	Solas Approved
Fuel Monitoring:	FUELTRAX
Reefer Sockets:	5x 480V 32A P/S (Total 8 Deck Sockets)
Misc:	SEWAGE TREATMENT - 60 Persons

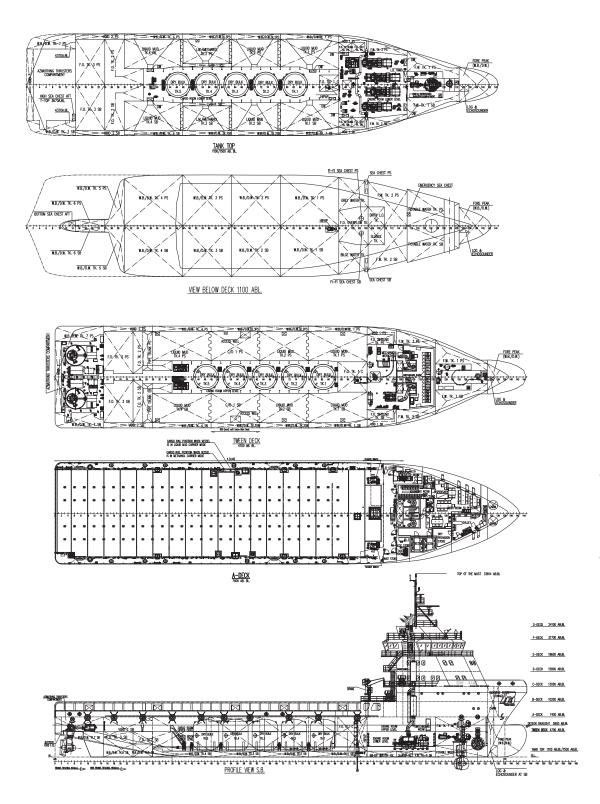
\*Approximate values assuming Ideal Conditions

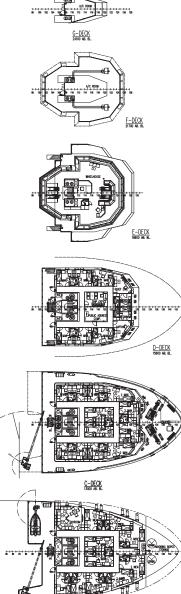
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### **CARR TIDE** General Arrangement (Current configuration may vary.)









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### **CARR TIDE** Capacity Table



Tank Table														
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.
Fore Peak	DW/WB	184.0				184.0								
WB/DW Tk 1 PS	DW/WB	184.0				184.0		184.0						
WB/DW Tk 1 SB	DW/WB	180.9				180.9		180.9						
WB/DW Tk 2 PS	DW/WB	152.5				152.5		152.5						
WB/DW Tk 2 SB	DW/WB	152.5				152.5		152.5						
WB/DW Tk 3 PS	DW/WB	150.9				150.9		150.9						
WB/DW Tk 3 SB	DW/WB	150.9				150.9		150.9						
WB/DW Tk 4 PS	DW/WB	165.9				165.9		165.9						
WB/DW Tk 4 SB	DW/WB	165.9				165.9		165.9						
WB/DW Tk 5 PS	DW/WB	42.4				42.4		42.4						
WB/DW Tk 5 SB	DW/WB	42.4				42.4		42.4						
WB/DW Tk 6 PS	DW/WB	57.8				57.8		<b>57.8</b>						
WB/DW Tk 6 SB	DW/WB	57.8				57.8		57.8						
WB/DW Tk 7 PS	DW/WB	75.0				75.0								
WB/DW Tk 7 SB	DW/WB	69.3				69.3								
FW Tk 1 PS	FW	129.7						129.7						
FW Tk 1 SB	FW	129.7						129.7						
FW Tk 2 PS	FW	40.5						40.5						
FW Tk 2 SB	FW	40.5						40.5						
FW Tk 3 PS	FW	80.9						80.9						
FW Tk 3 SB	FW	80.9						80.9						
Potable Water Tk PS	Ships FW	83.7					83.7							
Potable Water Tk SB	Ships FW	84.1					84.1							
FO Overflow Tk	FO	35.9		35.9										
FO Day Tk PS	FO	15.2		15.2										
FO Day Tk SB	FO	15.2		15.2										
FO Settling Tk PS	FO	38.1		38.1										
FO Settling Tk SB	FO	38.1		38.1										
FO Tk 1 C	FO	100.3		100.3										
FO Tk 2 PS	FO	183.8		183.8										
FO Tk 2 SB	FO	183.8		183.8										
FO Tk 3 PS	FO	182.6		182.6										
FO Tk 3 SB	FO	182.6		182.6										
Liquid Mud Tk 1 PS	LM	362.0								362.0				
Liquid Mud Tk 1 SB	LM	362.0								362.0				
Liquid Mud Tk 2 PS	LM	286.8								286.8				
Liquid Mud Tk 2 SB	LM	286.8								286.8				
Liquid Mud Tk 4 PS	LM	341.3								341.3				
Liquid Mud Tk 4 SB	LM	341.3								341.3				
LM/Methanol Tk 3 PS	LM/METH	214.7								214.7	214.7			
LM/Methanol Tk 3 SB	LM/METH	214.7								214.7	214.7			
Lube Oil Tk	LO	1.9										1.9		
Dry Bulk Tk 1	Dry Bulk	83.2			83.2									
Dry Bulk Tk 2	Dry Bulk	83.2			83.2									
Dry Bulk Tk 3	Dry Bulk	83.2			83.2									
Dry Bulk Tk 4	Dry Bulk	83.2			83.2									
Dry Bulk Tk 5	Dry Bulk	83.2			83.2									
	Total Vo	lume [m <sup>3</sup> ]	0.0	975.8	415.8	1,832.2	167.9	2,006.2	0.0	2,409.7	429.4	1.9	0.0	0.0
Spec She	et Total Vo				415.8	328.3		2,006.2		2,409.7	429.4	1.9	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.

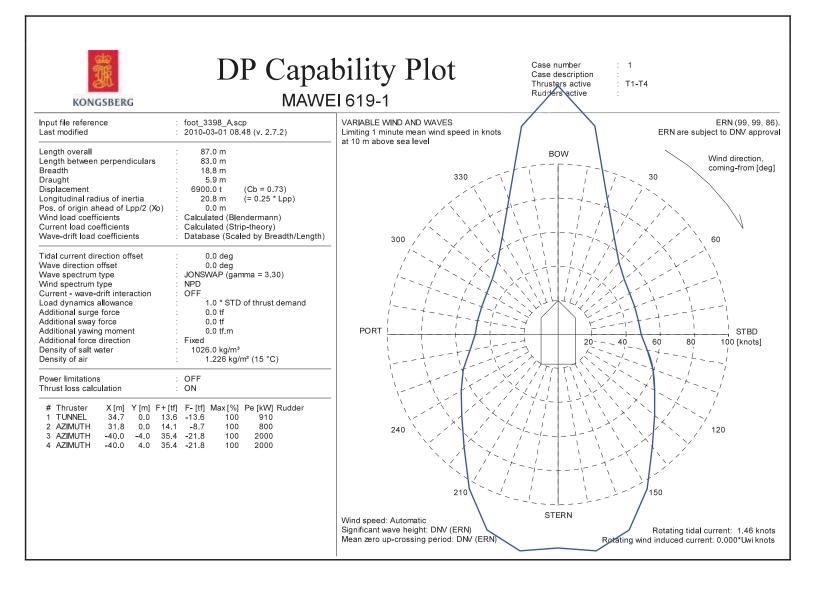
\*Capacities shown in **BLUE** are included in another Tank's Capacity.

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

NOTICE: The

## **CARR TIDE** DP Capability Plot





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