

GULF MALLARD



GULF TEAL as shown, GULF MALLARD similar

50T BOLLARD PULL AZIMUTHING STERN DRIVE TUG

Vessel Characteristics

Length, Overall:	105 ft	32 m
Beam:	34.5 ft	10.5 m
Depth:	18 ft	5.5 m
Maximum Draft:	13.8 ft	4.2 m
Minimum Height:	69.2 ft	21.1 m
Freeboard:	4.2 ft	1.3 m
Displacement:	780 lt	800 mt
Deadweight:	340 lt	350 mt
Deck Strength:	540 lb/ft ²	2.6 t/m ²
Class Notations:	ABS: A1, TOWING VESSEL, AMS, ABCU	

Capacities

Fuel Oil:	68,500 gal	260 m ³
Potable Water:	11,400 gal	43.3 m ³
Drill/Ballast Water:	18,300 gal	69.3 m ³
Oil Dispersant:	6,510 gal	24.6 m ³
Fire Fighting Foam:	4,060 gal	15.4 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

Main Engines (2):	Wartsila 6 R25		
Total HP:	4,200		
Z-Drives:	Yes		
Propellers (2):	Aquamaster ST 2001 90.6 dia		
Kort Nozzles:	2		
Primary Generators (2):	120 kw	410 v	50 hz
Driven by:	CAT 3306 DIT		

Performance*

Fuel Consumption Vs Speed			
Cruising:	20 m ³ /day (220 gph) @ 12 knots		
Range @ 12 Knots:	3,750 nm		
Bollard Pull	58.5 st	53.1 mt	

Deck Equipment

Anchors (2):	1455 lbs Stockless Bower		
Anchor Chain:	150 m of 22 mm chain per side		
Capstans (1):	4 t A RIM		

Registration

Flag: Vanuatu	IMO N^o: 9170119		
Year Built: 1998	Call Sign: YJRC6		
Builder:	PRESIDENT MARINE PTE LTD		
Tonnage (ITC):	411 GT	123 NT	

Tow/Anchor Handling

Winch:	Single Drum (100T Brake)		
Model:	ATW-1010		
Line Pull:	10 mt		
Tow Wire/Work Wire:	500 m of 52 mm		
Misc. Towing Equipment:	Tow Hook Mampaey D(9 x 50/65) , 65 mt		

Nav/Comms Equipment

Radar(s):	1		
Depth Sounder:	1		
Radio:	2 x VHF; 1 x SSB		

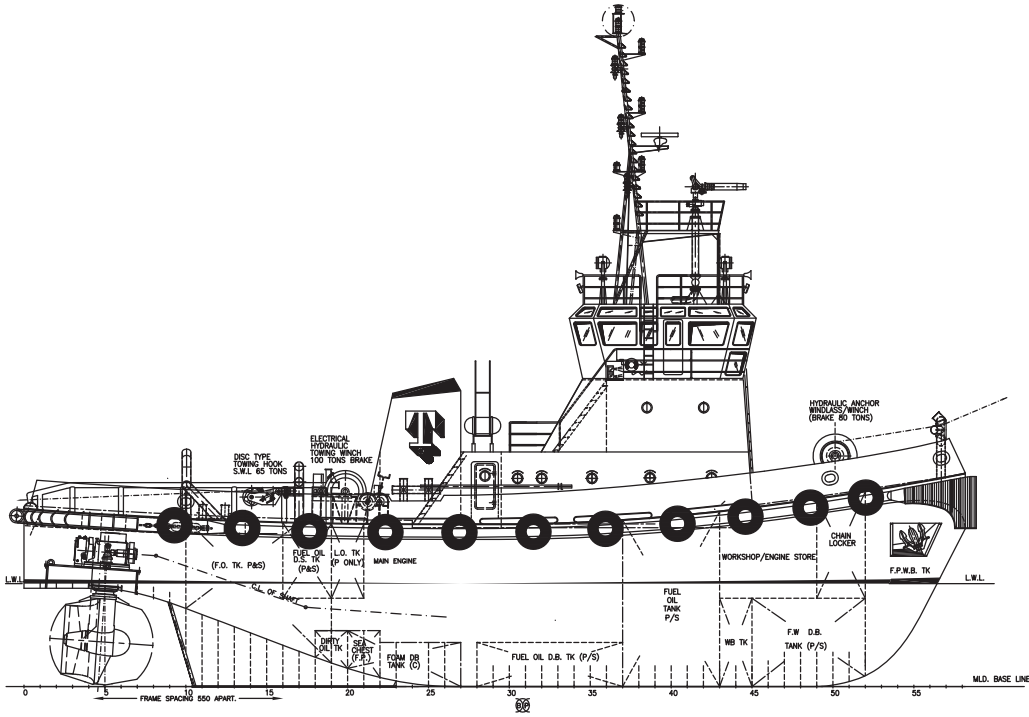
Accommodations

No. of Berths:	10		
Cabins:	2x1-man, 2x2-man & 1x4-man		
Certified to Carry:	10		
Galley seating:	8		

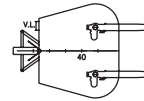
Special Equipment

Firefighting:	2 x 600 m ³ /hr Fire Monitor(s)		
Oil Dispersant Equipment:	2x3.5m Booms		

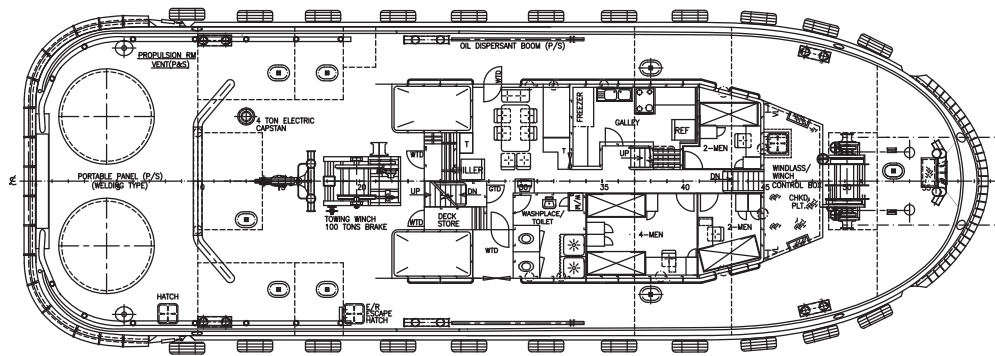
*Approximate values assuming Ideal Conditions



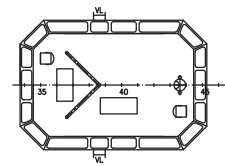
OUTBOARD PROFILE



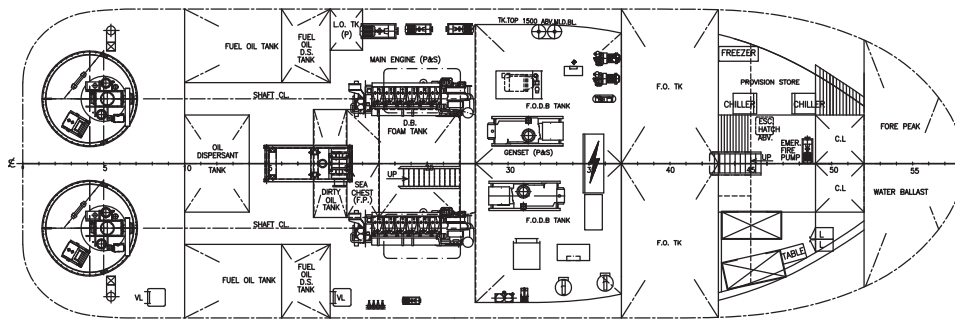
MONITORS PLATFORM



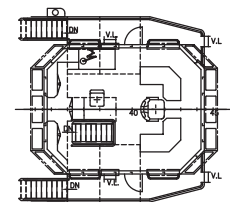
MAIN DECK PLAN



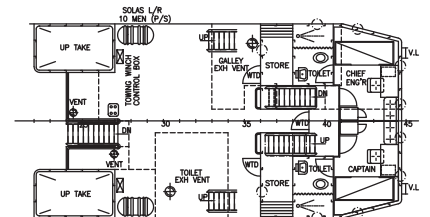
WHEELHOUSE TOP



BELOW DECK PLAN



NAV. BRIDGE DECK



BRIDGE DECK PLAN



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.
FP WB Tank C	DW/WB	53.5				53.5								
WB Tank P	DW/WB	9.6				9.6								
WB Tank S	DW/WB	6.2				6.2								
FW DB Tk P	Ship's FW	21.7					21.7							
FW DB Tk S	Ship's FW	21.7					21.7							
No 1 FO Tk P	FO	76.3		76.3										
No 1 FO Tk S	FO	76.3		76.3										
No 2 FO DB Tk P	FO	23.6		23.6										
No 2 FO DB Tk S	FO	23.6		23.6										
No 3 FO Tk P	FO	29.8		29.8										
No 3 FO Tk S	FO	29.8		29.8										
FO Day Tk P	FO	9.9		9.9										
FO Day Tk S	FO	9.9		9.9										
Lube Oil Tk (P)	LO	3.6										3.6		
Foam Tank	Foam	15.4											15.4	
Dispersant Tk (C)	Disp.	24.7												24.7
Total Volume [m ³]			0.0	279.2	0.0	69.3	43.3	0.0	0.0	0.0	0.0	3.6	15.4	24.7
Spec Sheet Total Volume [m ³]			0.0	259.4	0.0	69.3	43.3	0.0	0.0	0.0	0.0	3.6	15.4	24.7

*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.