

CINDY TIDE



KEHOE TIDE as shown, CINDY TIDE similar

REMONTOWA 120T ANCHOR HANDLING TOWING SUPPLY VESSEL

Vessel Characteristics

Length, Overall:	229.7 ft	70 m
Beam:	50.9 ft	15.5 m
Depth:	21.7 ft	6.6 m
Maximum Draft:	16.7 ft	5.1 m
Minimum Height:	75.8 ft	23.1 m
Freeboard:	4.9 ft	1.5 m
Displacement:	3,970 lt	4,030 mt
Deadweight:	2,060 lt	2,090 mt
Clear Deck Space:	117 x 39 ft	36 x 12 m
Clear Deck Area:	4,500 ft ²	420 m ²
Deck Strength AFT:	1,020 lb/ft ²	5 t/m ²
Class Notations:	ABS: +A1, (E), OSV AH, FFV-1, +AMS, +DPS-2, TOWING VESSEL	

Capacities

Deck Cargo:	980 lt	1,000 t
Fuel Oil:	203,000 gal	770 m ³
Potable Water:	26,200 gal	99.1 m ³
Fresh Water:	135,000 gal	510 m ³
Drill/Ballast Water:	216,000 gal	820 m ³
Bulk Tanks (4 tanks):	6,840 ft ³	190 m ³
Liquid Mud (2.4 SG*):	2,990 bbl	480 m ³
*Max Structural Specific Gravity		

TIDEWATER

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Pg.2 Further Specifications
Pg.4 General Arrangement

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NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.

LAST UPDATE: 11/24/2023



Machinery

Main Engines (2):	EMD 20-710-G7B		
Total HP:	10,000		
Propellers (2):	CPP; 3400 mm; SCANA VOLDA		
Gears (2):	SCANA VOLDA		
Kort Nozzles:	2		
Rudders (2):	HIGH LIFT		
Primary Generators (2):	250 kw	440 v	60 hz
Driven by:	Scania GASI 12-07		
Secondary Generators (2):	1,720 kw	440 v	60 hz
Driven by:	SHAFT		
Emergency Generators (1):	150 kw	440 v	60 hz
Driven by:	Scania GASI 7-06E		
Bow Thruster (2):	BRUNVOLL TT CPP		
Driven by:	789 HP Motor		
Total Thrust:	19.7 st	17.9 mt	
Stern Thruster (1):	BRUNVOLL TT CPP		
Driven by:	789 HP Motor		
Total Thrust:	9.8 st	8.9 mt	

Performance*

Fuel Consumption Vs Speed		
Maximum:	32.5 m³/day (360 gph) @ 14 knots	
Cruising:	23.2 m³/day (250 gph) @ 12 knots	
Economical:	15 m³/day (160 gph) @ 8 knots	
Standby:	1.3 m³/day (14 gph) @ 0 knots	
Range @ 12 Knots:	10,200 nm	
Bollard Pull	140 st	130 mt
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:	28.5 cfm @ 200 ft	48.4 m³/h @ 61 m
Liquid Mud:	660 gpm @ 470 ft	150 m³/h @ 140 m

Tow/Anchor Handling

Winch:	2 DRUM HP HYD (400T Brake)
Model:	FUKUSHIMA
Line Pull:	300 mt
Tow/AH Wire:	1,500 m / 1,500 m of 72 mm
Pennant Reels (2):	1,500 m of 72 mm
Shark Jaw:	KARMOY 300 MT
Tow Pins:	KARMOY 160 MT
Chain Lockers (2):	1,220 m of 76mm chain
Chain Handler:	2X 3IN
Stern Roller:	SMITH BERGER (2.5 X 4 M); 450 mt SWL

Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Cyro Compass:	3
Wind Seed Indicators:	2
Doppler Log:	1
Radio:	3 x VHF; 1 x SSB
Sat Com:	1XINMARSAT-C

Accommodations

No. of Berths:	28
Cabins:	2x1-man, 9x2-man & 2x4-man
Certified to Carry:	28
Galley seating:	14
Hospital:	Yes

Deck Equipment

Anchors (2):	2100 KG SPEK
Anchor Chain:	250 m of 40 mm chain per side
Windlass:	FUKUSHIMA
Crane (1):	2 t @ 10 m
Capstans (2):	5 t SEC
Tugger (2):	10 t FUKUSHIMA

*Approximate values assuming Ideal Conditions



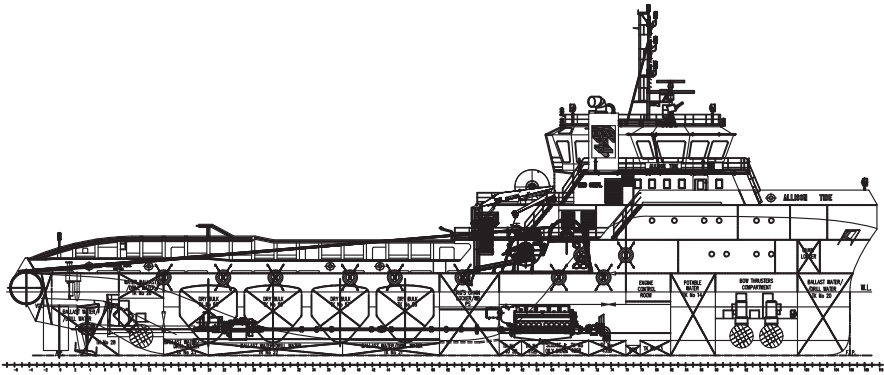
Registration

Flag: MEXICO	Home Port: DOS BOCAS	
Hull Number: 7408	IMO N°: 9421702	
Year Built: 2008	Call Sign: XCBF2	
Builder:	REMONTOWA	
Tonnage (ITC):	2283 GT	684 NT

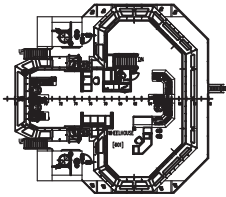
Special Equipment

Fire Fighting:	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
Tank Cleaning:	Yes
Rescue Boat:	SOLAS 6MAN MOB
Fuel Monitoring:	CMG
Misc:	MSD - 28 Persons

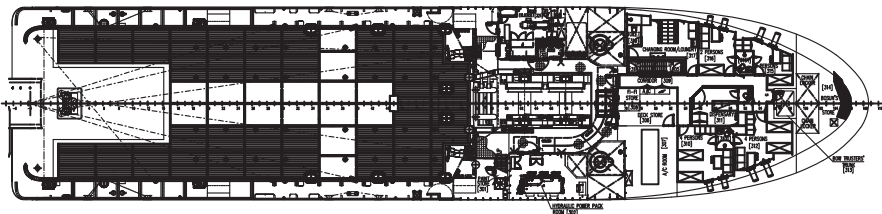
*Approximate values assuming Ideal Conditions



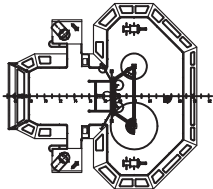
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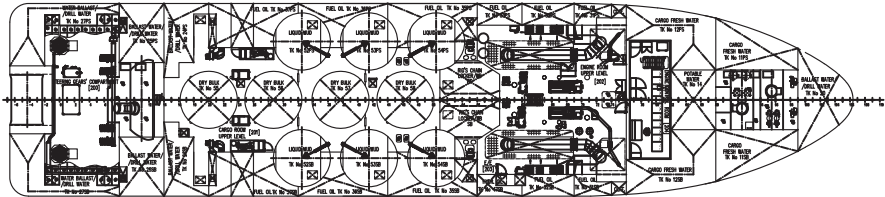
BRIDGE DECK
14900 AB. BL.



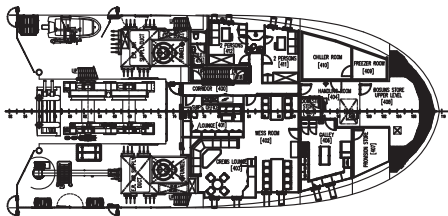
1st DECK
6600 AB. BL.



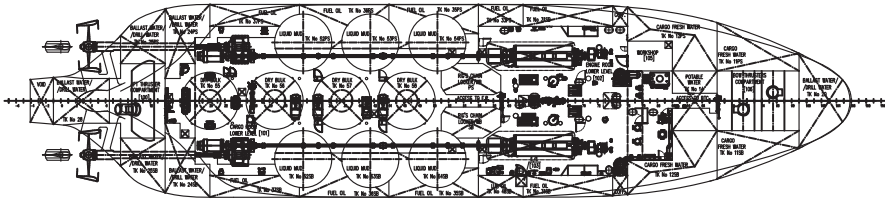
WHEELHOUSE TOP
19400 AB. BL.



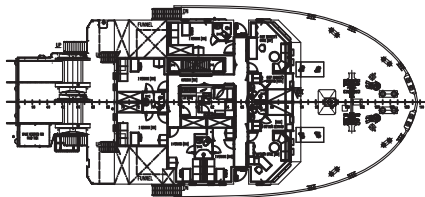
2nd DECK
3800/4100 AB. BL.



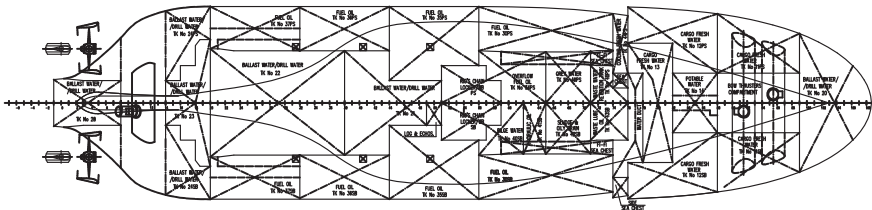
01 ACCOMMODATION DECK
9300 AB. BL.



TANK TOP
1000/1200/1300/1500 AB. BL.



02 ACCOMMODATION DECK
12000 AB. BL.



BELOW TANK TOP

CINDY TIDE

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.
Tank 11 S	FW	94.7						94.7						
Tank 11 P	FW	94.7						94.7						
Tank 12 S	FW	145.0						145.0						
Tank 12 P	FW	145.0						145.0						
Tank 13	FW	30.4						30.4						
Tank 14	Ship's FW	99.1					99.1							
Tank 20	DW/WB	116.7				116.7								
Tank 21	DW/WB	42.3				42.3								
Tank 22	DW/WB	86.1				86.1								
Tank 23	DW/WB	17.7				17.7								
Tank 24 S	DW/WB	67.6				67.6								
Tank 24 P	DW/WB	67.6				67.6								
Tank 25 S	DW/WB	17.5				17.5								
Tank 25 P	DW/WB	17.5				17.5								
Tank 26	DW/WB	108.8				108.8								
Tank 27 S	DW/WB	38.4				38.4								
Tank 27 P	DW/WB	38.4				38.4								
Tank 28	DW/WB	24.0				24.0								
Tank 30 S	FO	39.1		39.1										
Tank 30 P	FO	39.1		39.1										
Tank 31 S	FO	43.5		43.5										
Tank 31 P	FO	44.2		44.2										
Tank 32 Service Tk S	FO	18.7		18.7										
Tank 32 Service Tk P	FO	19.4		19.4										
Tank 33 P	FO	33.6		33.6										
Tank 34 Overflow Tk P	FO	20.0		20.0										
Tank 35 S	FO	106.4		106.4										
Tank 35 P	FO	106.4		106.4										
Tank 36 S	FO	80.5		80.5										
Tank 36 P	FO	80.5		80.5										
Tank 37 S	FO	98.5		98.5										
Tank 37 P	FO	98.5		98.5										
Tank 48 S	LO	15.5										15.5		
Tank 52 S	LM/BR	79.3								79.3				
Tank 52 P	LM/BR	79.3								79.3				
Tank 53 S	LM/BR	79.3								79.3				
Tank 53 P	LM/BR	79.3								79.3				
Tank 54 S	LM/BR	79.3								79.3				
Tank 54 P	LM/BR	79.3								79.3				
Tank 55	Dry Bulk	48.4			48.4									
Tank 56	Dry Bulk	48.4			48.4									
Tank 57	Dry Bulk	48.4			48.4									
Tank 58	Dry Bulk	48.4			48.4									
Ch Locker P	CL/WB	78.4				78.4								
Ch Locker S	CL/WB	78.4				78.4								
Total Volume [m ³]			0.0	828.4	193.6	799.5	99.1	509.8	0.0	475.7	0.0	15.5	0.0	0.0
Spec Sheet Total Volume [m ³]			0.0	770.3	193.6	799.5	99.1	509.8	0.0	475.7	0.0	15.5	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.

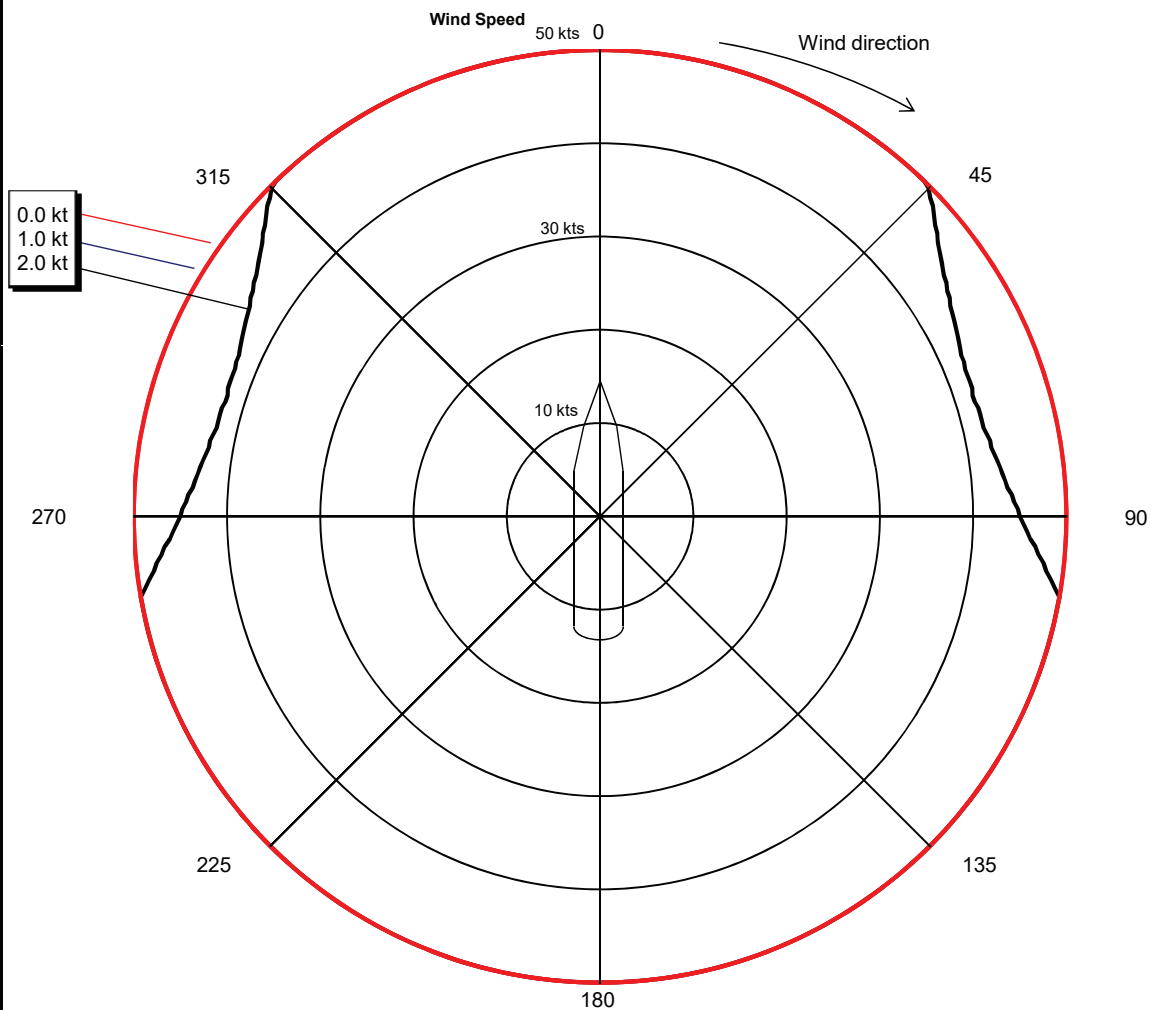


Figure 1

All Thrusters Online Port and Stbd Mains Online

For maximum stationkeeping performance, the vessel should be oriented with the bow or stern pointing into the environment (wind, waves, current)

Vessel			
Remontowa DP Class 2 Newbuilds 1674-03, 04, 05, 06, 07, 08			
Propulsors		Environment	
Bow thrusters	2 × Tunnel thrusters (588 kW)	Max. Wind Speed	50.0 kt
Stern thruster	1 × Tunnel thruster (588 kW)	Current Speed	0.0 - 2.0 kt
Main propellers	2 × Main Props (3730 kW)	Sig. Wave Hgt.	wind driven
Rudders			
100% operating thrust available		Collinear environment	



Date: 06-Feb-12

Created by: AE

Holding plots are based on customer supplied information and are only estimates. True vessel capability must be determined through sea trials.