SUTTON TIDE

KEHOE TIDE as shown, SUTTON 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:	2,050 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:	211,000 gal	800 m^3
Bulk Tanks (4 tanks):	6,840 ft^3	190 m^3
Liquid Mud (2.4 SG*): *Max Structural Specific Gravity	2,990 bbl	480 m^3

TIDEWATER

Find out more **tdw.com**

Pg.2 Further Specifications
Pg.4 General Arrangement
Pg.5 Capacity Table
Pg.6 DP Capability Plot

LAST UPDATE: 9/4/2026

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SUTTON TIDE

Further specifications

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 m^3/day (360 gph) @ 14 knots	
Cruising:	23.2 m^3/day (250 gph) @ 12 knots	
Economical:	15 m^3/day (160 gph) @ 8 knots	
Standby:	1.3 m^3/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 m^3/h @ 92 m
Fresh Water:	660 gpm @ 300 ft	150 m^3/h @ 92 m
Drill/Ballast Water:	660 gpm @ 300 ft	150 m^3/h @ 92 m
Bulk:	28.5 cfm @ 200 ft	48.4 m^3/h @ 61 m
Liquid Mud:	660 gpm @ 470 ft	150 m^3/h @ 140 m

Tow/Anchor Handling

Winch:	2 DRUM HP HYD (400T BRAKE)
Model:	ODIM
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:	RRM; 400 mt SWL

Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	2
Wind Seeed 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:	270 m of 40 mm chain per side
Windlass:	ODIM
Crane (1):	2 t @ 10 m
Capstans (2):	5 t SEC
Tugger (2):	10 t ODIM

*Approximate values assuming Ideal Conditions

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SUTTON TIDE

Further specifications

Registration

Flag: LIBERIA	**Home Port:** MONROVIA	
Hull Number: 7404	**IMO N°:** 9389461	
Year Built: 2007	**Call Sign:** 5LRJ7	
Builder:	REMONTOWA	
Tonnage (ITC):	2256 GT	676 NT

Special Equipment

Fire Fighting:	FiFi-1
Dynamic Positioning:	DP-2
Ref. Systems:	2 x MRU; 2 x DGPS 1 x Laser-based
Mud Circulation System/ Mud Mixers:	Yes/Yes
Tank Cleaning:	Yes
Rescue Boat:	SOLAS 6MAN MOB
Misc:	MSD-28 PERSONS

*Approximate values assuming Ideal Conditions

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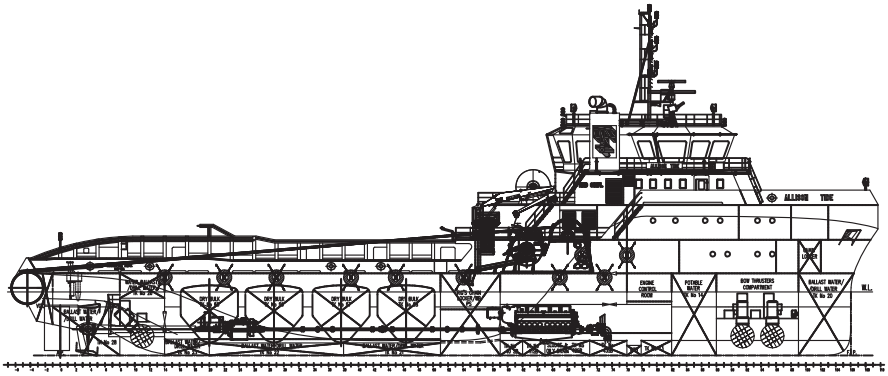
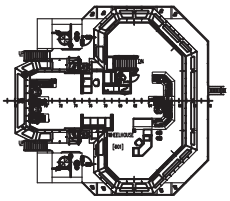
LAST UPDATE: 9/4/2026

SUTTON TIDE

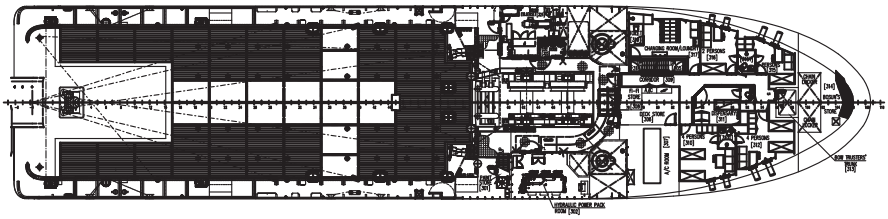
General Arrangement (Current configuration may vary.)



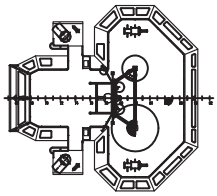
PROFILE



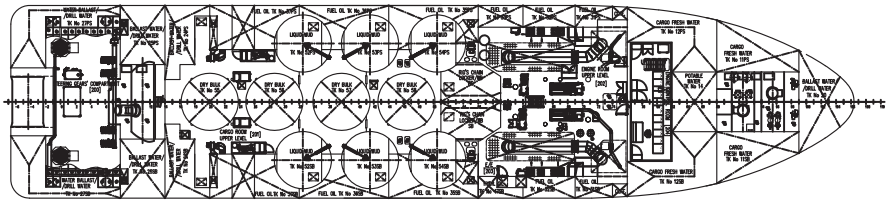
BRIDGE DECK
14900 AB. BL



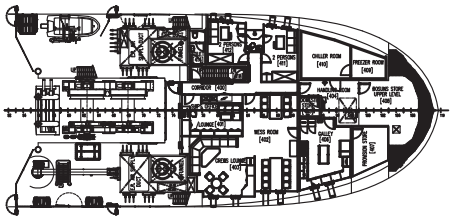
1st DECK
6600 AB. BL



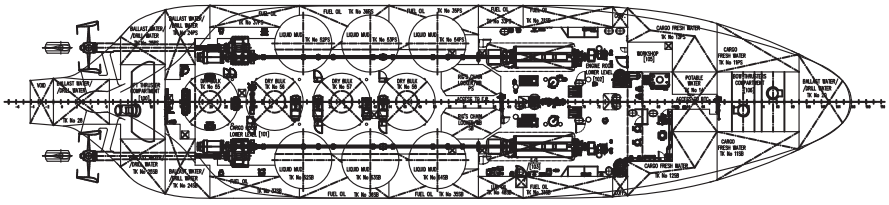
WHEELHOUSE TOP
18400 AB. BL



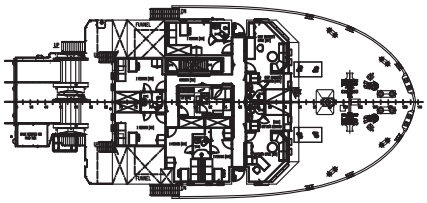
2nd DECK
3900/4100 AB. BL



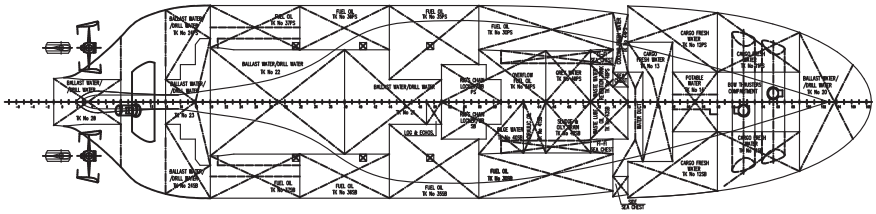
01 ACCOMMODATION DECK
9300 AB. BL



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



02 ACCOMMODATION DECK
12100 AB. BL



BELOW TANK TOP

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SUTTON 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.**

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SUTTON TIDE

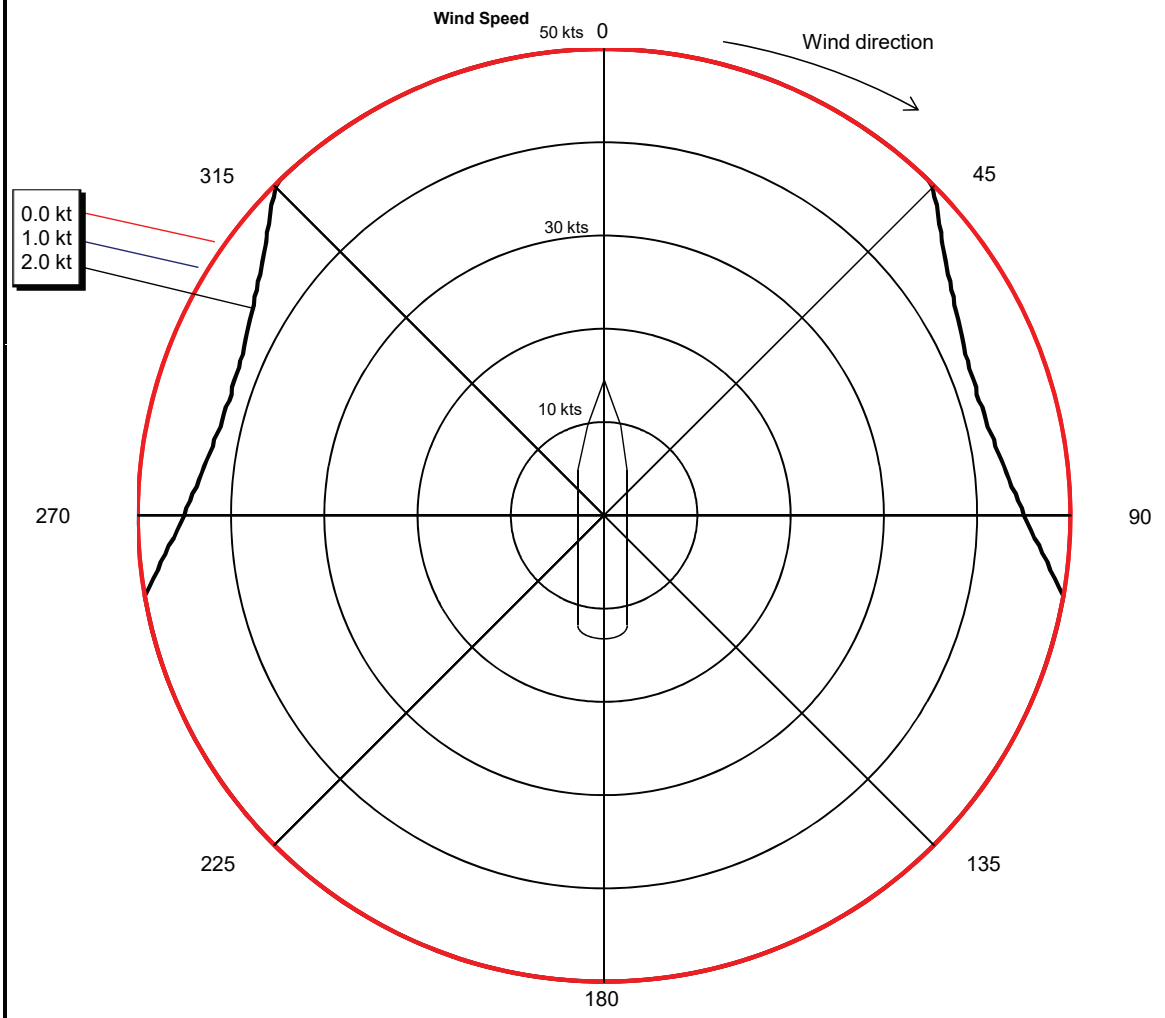
DP Capability Plot

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.

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