# **NETHERLAND TIDE**





# REMONTOWA 155T 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:	18.4 ft	5.6 m				
Minimum Height:	75.8 ft	23.1 m				
Freeboard:	4.9 ft	1.5 m				
Displacement:	3,980 lt	4,040 mt				
Deadweight:	2,000 lt	2,030 mt				
Clear Deck Space:	115 x 39 ft	35 x 12 m				
Clear Deck Area:	4,380 ft²	410 m <sup>2</sup>				
Deck Strength AFT:	1,020 lb/ft²	5 t/m²				
Class Notations:	ABS: +A1, (E), OSV, FFV-1, +AMS, +DPS-2, +ACCU, AH, TOWING VESSEL					

### Capacities

Deck Cargo:	980 lt	1,000 t
Fuel Oil:	193,000 gal	730 m <sup>3</sup>
Potable Water:	26,200 gal	99.1 m <sup>3</sup>
Fresh Water:	135,000 gal	510 m <sup>3</sup>
Drill/Ballast Water:	200,000 gal	760 m <sup>3</sup>
Bulk Tanks (4 tanks):	6,840 ft³	190 m <sup>3</sup>
Liquid Mud (2.4 SG*): *Max Structural Specific Gravity	2,990 bbl	480 m <sup>3</sup>

## TIDEWATER Find out more

Pg.2 Further Specifications

Pg.4 General Arrangement

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Pg.5 Capacity Table Pg.6 DP Capability Plot

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 dilig 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.

# **NETHERLAND TIDE** Further specifications



### Machinery

Main Engines (2):	CAT C280-16 DITA					
Total HP:	13,600					
Propellers (2):	CI	PP; 3700 mm; S(	CANA VOLDA			
Gears (2):		S	CANA 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:	SHAF					
Emergency Generators (1):	150 kw 440 v 60 hz					
Driven by:		Scan	ia GASI 7-06E			
Bow Thruster (2):			BRUNVOLL			
Driven by:	789 hp, CPP Tunnel					
Total Thrust:	19.7 st 17.9 m					
Stern Thruster (1):	BRUNVOL					
Driven by:	789 hp, CPP Tunnel					
Total Thrust:	9.8 st 8.9 mt					

### **Performance**\*

37.2 m³/day (410 gph) @ 14 knots								
29.1 m	<sup>3</sup> /day (320 gph) @ 12 knots							
17.7 r	m³/day (190 gph) @ 8 knots							
1.4	m³/day (15 gph) @ 0 knots							
7,000 nm								
170 st	160 mt							
660 gpm @ 300 ft	150 m³/h @ 92 m							
660 gpm @ 300 ft	150 m³/h @ 92 m							
660 gpm @ 300 ft	150 m³/h @ 92 m							
28.5 cfm @ 190 ft	48.4 m³/h @ 57 m							
660 gpm @ 470 ft	150 m³/h @ 140 m							
	29.1 m 17.7 m 1.4 170 st 170 st 660 gpm @ 300 ft 660 gpm @ 300 ft 660 gpm @ 300 ft 28.5 cfm @ 190 ft							

### Tow/Anchor Handling

Winch:	2 DRUM HP HYD (450T BRAKE)
Model:	FUKUSHIMA
Line Pull:	350 mt
Tow/AH Wire:	1,500 m / 1,500 m of 76 mm
Pennant Reels (2):	1,500 m of 76 mm
Shark Jaw:	2X KARMOY 300 MT
Tow Pins:	2X KARMOY 160 MT
Chain Lockers (2):	1,220 m of 76mm chain
Chain Handler:	2 X 3IN
Stern Roller:	SMITH BERGER 2.5MX4M; 450 mt SWL

### Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Wind Seeed Indicators:	3
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:	FUKUSHIMA 8.5T@9M/MIN
Crane (1):	2 t @ 10.1 m
Capstans (2):	5 t SEC
Tugger (2):	10 t FUKUSHIMA

\*Approximate values assuming Ideal Conditions

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# **NETHERLAND TIDE** Further specifications



### Registration

Flag: VANUATU	Ho	me Port: PORT VILA
Hull Number: 7417		IMO N <sup>o</sup> : 9476898
Year Built: 2010		Call Sign: YJVY9
Builder:		REMONTOWA
Tonnage (ITC):	2301 GT	690 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
Reefer Sockets:	4x 440V 32A
Misc:	MSD - 28 PERSONS

ST UPDATE: 11/24/202

\*Approximate values assuming Ideal Conditions

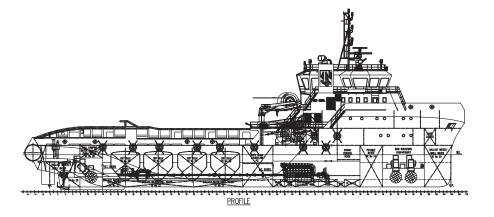
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# **NETHERLAND TIDE**

# General Arrangement (Current configuration may vary.)

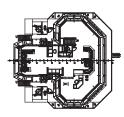




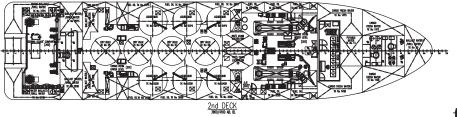


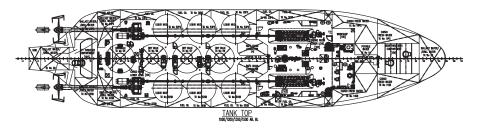


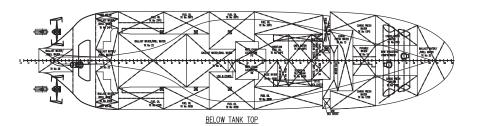
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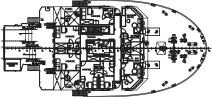


BRIDGE DECK

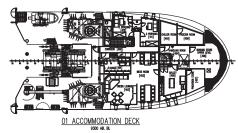








02 ACCOMMODATION DECK



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# **NETHERLAND TIDE** Capacity Table



Tank Contents DW/WB Brine Brine Methanol Foam			Volume	Base	Fuel	Dry		Potable	Fresh		Liquid		Lube		Oil
TK 11 FW PS FW 94.7 94.7 145.0	Tank	Contents	m <sup>3</sup>			-	DW/WB			Brine		Methanol		Foam	Disp.
TK 12 FW 88 FW 145.0	TK 11 FW SB	FW	94.7						94.7						
TK 12 PW P5   FW   145.0   145.0   30.4 <td>TK 11 FW PS</td> <td>FW</td> <td>94.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>94.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	TK 11 FW PS	FW	94.7						94.7						
TK 13 FW C FW 30.4 90.1 30.4 90.1	TK 12 FW SB	FW	145.0						145.0						
TK 14 FW C Ship's FW 99.1 99	TK 12 FW PS	FW	145.0						145.0						
TK 20 DWWB C   DWWB   134.2   42.3   42.3     TK 21 DWWB C   DWWB   42.3   42.3   6   64.9     TK 22 DWWB C   DWWB   18.7   6   64.9   6   6     TK 23 DWWB C   DWWB   18.7   6   52.7   6	TK 13 FW C	FW	30.4						30.4						
TK 21 DWWB C   DWWB   42.3   42.3   42.3   42.3     TK 22 DWWB C   DWWB   84.9   84.9   6	TK 14 FW C	Ship's FW	99.1					99.1							
TK 22 DWINE C   DWINE   84.9   86.9   86.9   86.9<	TK 20 DW/WB C	DW/WB	134.2				134.2								
TK 23 DWINE C   DWINE   18.7   18.7   62.7<	TK 21 DW/WB C	DW/WB	42.3				42.3								
TK 24 DWWB SB   DWWB   52.7   52.7   52.7     TK 25 DWWB SB   DWWB   16.8   16.8   16.8     TK 25 DWWB SB   DWWB   16.8   16.8   16.8     TK 25 DWWB SB   DWWB   16.8   108.8   108.8     TK 25 DWWB SB   DWWB   38.4   38.4   108.8   108.8     TK 27 DWWB SB   DWWB   38.4   38.4   108.8   108.9   108.9   108.9   108.8   10	TK 22 DW/WB C	DW/WB	84.9				84.9								
TK 24 DW/WB PS   DW/WB   52.7   52.7     TK 25 DW/WB SB   DW/WB   16.8   16.8     TK 25 DW/WB PS   DW/WB   168.8   168.8     TK 25 DW/WB PS   DW/WB   168.8   168.8     TK 25 DW/WB SB   DW/WB   38.4   38.4     TK 27 DW/WB PS   DW/WB   38.4   38.4     TK 27 DW/WB PS   DW/WB   25.4   25.4     CL 95   DW/WB/CL   78.4   78.4     TK 30 FO SB   FO   39.1   39.1     TK 30 FO SB   FO   39.1   39.1     TK 31 FO SB   FO   43.6   6     TK 32 FO SERV PS   FO   19.4   6     TK 32 FO SERV PS   FO   19.4   6     TK 35 FO SB   FO   106.9   6     TK 35 FO SB   FO   106.9   6     TK 35 FO SB   FO   95.7   95.7	TK 23 DW/WB C	DW/WB	18.7				18.7								
TK 25 DW/WB SB   DW/WB   16.8   16.8   6.8 </td <td>TK 24 DW/WB SB</td> <td>DW/WB</td> <td>52.7</td> <td></td> <td></td> <td></td> <td>52.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	TK 24 DW/WB SB	DW/WB	52.7				52.7								
TK 25 DW/WB PS   DW/WB   16.8   16.8   108.9   108.9	TK 24 DW/WB PS	DW/WB	52.7				52.7								
TK 26 DW/WB C   DW/WB   108.8   108.8   33.4   34.4   34.3   34.3   34.3   34.4   35.6   35.	TK 25 DW/WB SB	DW/WB	16.8				16.8								
TK 27 DW/WB SB   DW/WB   38.4   38.4   38.4     TK 27 DW/WB PS   DW/WB   38.4   38.4   38.4     TK 27 DW/WB C   DW/WB   25.4   25.4   25.4     CL SB   DW/WB/CL   78.4   78.4   78.4     TK 30 FO SB   FO   39.1   39.1   1     TK 31 FO SB   FO   35.4   44.3   1     TK 31 FO SB   FO   44.3   44.3   1     TK 32 FO SERV SB   FO   19.4   19.4   1     TK 33 FO SERV PS   FO   19.4   19.4   1     TK 33 FO SERV PS   FO   106.9   1   1     TK 35 FO SB   FO   106.9   1   1   1     TK 35 FO SB   FO   106.9   1	TK 25 DW/WB PS	DW/WB	16.8				16.8								
TK 27 DW/WB SB   DW/WB   38.4   38.4   38.4     TK 27 DW/WB PS   DW/WB   38.4   38.4   38.4     TK 27 DW/WB C   DW/WB   25.4   25.4   25.4     CL SB   DW/WB/CL   76.4   76.4   76.4     CL PS   DW/WB/CL   76.4   76.4   76.4     TK 30 FO SB   FO   39.1   39.1   1     TK 31 FO SB   FO   43.6   44.3   1     TK 32 FO SERV PS   FO   18.7   18.7   1     TK 32 FO SERV PS   FO   19.4   19.4   1     TK 32 FO SERV PS   FO   106.9   106.9   1     TK 32 FO SERV PS   FO   106.9   1   1     TK 35 FO SS   FO   106.9   1   1     TK 35 FO SS   FO   106.9   1   1     TK 35 FO SS   FO   95.7   95.7   1     TK 35 FO PS   FO   95.7   95.7   1     TK 35 FO PS   FO   95.7   79.3   1     TK 35 FO PS   FO </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>108.8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							108.8								
TK 27 DW/WB PS   DW/WB   38.4   38.4   25.4   25.4     CL SB   DW/WB/CL   78.4   78.4   78.4     CL PS   DW/WB/CL   78.4   78.4   78.4     TK 30 FO SB   FO   39.1   39.1   1     TK 30 FO SB   FO   39.1   39.1   1   1     TK 30 FO SB   FO   39.1   39.1   1 <t< td=""><td>TK 27 DW/WB SB</td><td>DW/WB</td><td></td><td></td><td></td><td></td><td>38.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	TK 27 DW/WB SB	DW/WB					38.4								
Tk 28 DW/WB C   DW/WB   25.4   25.4   78.4   78.4     CL SB   DW/WB/CL   78.4   78.4   78.4   78.4     CL PS   DW/WB/CL   78.4   78.4   78.4   78.4     TK 30 FO SB   FO   39.1   39.1   78.4   78.5   78.5   78.5   78.5   78.5   78.5   78.5   78.5   78.5	TK 27 DW/WB PS	DW/WB	38.4				38.4								
CL SB   DW/WB/CL   78.4   78.4   78.4     CL PS   DW/WB/CL   78.4   78.4   78.4     TK 30 FO SB   FO   39.1   39.1   1     TK 30 FO PS   FO   39.1   39.1   1   1     TK 31 FO SB   FO   43.6   43.6   1   1   1     TK 31 FO SB   FO   44.3   44.3   1							25.4								
CL PS   DW/WB/CL   78.4   78.5   78.5   78.5   78.5   78.5   78.5   78.5   78.5   78.5   78.5   78.5   78.5   78.5   78.5   78.5   78.3							78.4								
TK 30 F0 SB   FO   39.1	CL PS	DW/WB/CL	78.4				78.4								
TK 30 FO PS   FO   39.1   39.1   Image: Control of the con					39.1										
TK 31 F0 SB   F0   43.6   43.6   Image: Contract of the con	TK 30 FO PS				39.1										
TK 31 F0 PS   F0   44.3   44.3   Image: Control of the con		_			43.6										
TK 32 FO SERV SB   FO   18.7   19.7   19.7   18.7   18.7<	TK 31 FO PS	FO	44.3		44.3										
TK 32 FO SERV PS   FO   19.4   19.5<		_													
TK 33 FO SETTLING PS   FO   33.6   33.6   Image: Set	TK 32 FO SERV PS	FO	19.4		19.4										
TK 35 F0 SB   F0   106.9   106.9   106.9     TK 35 F0 PS   F0   106.9   106.9   106.9     TK 35 F0 PS   F0   80.5   80.5   106.9   106.9     TK 36 F0 SB   F0   80.5   80.5   106.9   106.9   106.9     TK 36 F0 PS   F0   80.5   80.5   106.9   106.9   106.9     TK 37 F0 SB   F0   95.7   95.7   106.9   106.9   106.9     TK 52 LM SB   LM   79.3   106.9   106.9   106.9   106.9     TK 52 LM PS   LM   79.3   106.9 <td< td=""><td></td><td>FO</td><td></td><td></td><td>33.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		FO			33.6										
TK 35 FO PS   FO   106.9   106.9   Image: Sector Sec	TK 34 FO OVERFLOW PS	FO	20.0		20.0										
TK 35 FO PS   FO   106.9   106.9   Image: Sector Sec		_			106.9										
TK 36 F0 SB   F0   80.5   80.5   6     TK 36 F0 PS   F0   80.5   80.5   6     TK 37 F0 SB   F0   95.7   95.7   6     TK 37 F0 PS   F0   95.7   95.7   6     TK 52 LM SB   LM   79.3   6   79.3   6     TK 52 LM PS   LM   79.3   6   79.3   6 <td< td=""><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		_													
TK 36 FO PS   FO   80.5   80.5   60 </td <td></td> <td>FO</td> <td></td> <td></td> <td>80.5</td> <td></td>		FO			80.5										
TK 37 FO SB   FO   95.7   95.7   95.7     TK 37 FO PS   FO   95.7   95.7   95.7     TK 52 LM SB   LM   79.3   A   79.3   79.3     TK 52 LM PS   LM   79.3   A   79.3		_													
TK 37 FO PS   FO   95.7   95.7   95.7   1		_													
TK 52 LM SB   LM   79.3   Image: state		_													
TK 52 LM PS   LM   79.3   Image: Constraint of the											79.3				
TK 53 LM SB   LM   79.3   Image: Constraint of the second															
TK 53 LM PS   LM   79.3															
TK 54 LM SB   LM   79.3   Image: Constraint of the state of the s															
TK 54 LM PS   LM   79.3   M   79.3   M   79.3   M   6   79.3   M </td <td></td>															
TK 55 Dry Bulk   Dry Bulk   48.4   48.4   6															
TK 56 Dry Bulk Dry Bulk 48.4 48.4   TK 57 Dry Bulk Dry Bulk 48.4 48.4   TK 58 Dry Bulk Dry Bulk 48.4 48.4   TK 58 Dry Bulk Dry Bulk 48.4 48.4						48.4									
TK 57 Dry Bulk     Dry Bulk     48.4 <td></td>															
TK 58 Dry Bulk     Dry Bulk     48.4 <td></td>															
		-											15.5		
Total Volume [m <sup>3</sup> ] 0.0 824.0 193.6 787.0 99.1 509.8 0.0 475.7 0.0 15.5 0.0 0.	Total Volume [m <sup>3</sup> ]		0.0	824.0	193.6	787.0	99.1	509.8	0.0	475.7	0.0	15.5	0.0	0.0	
				732.3				509.8	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.

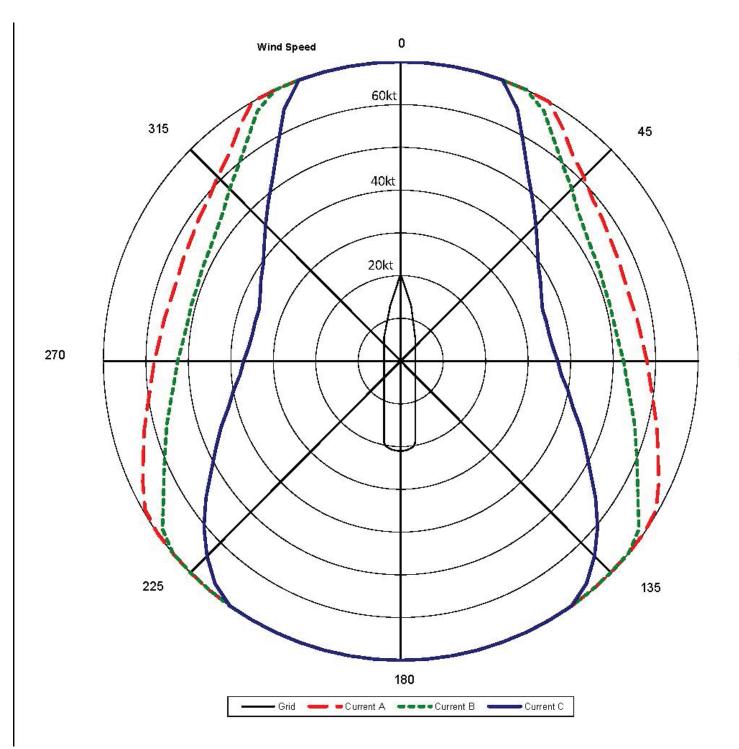
\*Capacities shown in **BLUE** are included in another Tank's Capacity.

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

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# **NETHERLAND TIDE** DP Capability Plot





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