

WILLIAM R CROYLE II



J KEITH LOUSTEAU as shown, WILLIAM R CROYLE II similar

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: | 2,040 lt | 2,070 mt |
| Clear Deck Space: | 115 x 39 ft | 35 x 12 m |
| Clear Deck Area: | 4,380 ft ² | 410 m ² |
| Deck Strength AFT: | 1,020 lb/ft ² | 5 t/m ² |
| Class Notations: | ABS: +A1, Towing Vessel, AH, FIFI-1, OSV, (E), +AMS, +ACCU, +DPS-2 | |

Capacities

| | | |
|----------------------------------|-----------------------|---------------------|
| Deck Cargo: | 980 lt | 1,000 t |
| Fuel Oil: | 193,000 gal | 730 m ³ |
| Potable Water: | 26,200 gal | 99.1 m ³ |
| Fresh Water: | 135,000 gal | 510 m ³ |
| Drill/Ballast Water: | 200,000 gal | 760 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

Find out more

tdw.com

Pg.2 Further Specifications
Pg.4 General Arrangement

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 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.



Machinery

| | | | |
|---------------------------|---------------------------|---------|-------|
| Main Engines (2): | CAT C280-16 DITA | | |
| Total HP: | 13,600 | | |
| Propellers (2): | CPP; 3700 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 | | |
| Driven by: | 789 hp, CPP Tunnel | | |
| Total Thrust: | 19.7 st | 17.9 mt | |
| Stern Thruster (1): | BRUNVOLL | | |
| Driven by: | 789 hp, CPP Tunnel | | |
| Total Thrust: | 9.8 st | 8.9 mt | |

Performance*

| | | |
|---------------------------|----------------------------------|------------------|
| Fuel Consumption Vs Speed | | |
| Maximum: | 37.2 m³/day (410 gph) @ 14 knots | |
| Cruising: | 29.1 m³/day (320 gph) @ 12 knots | |
| Economical: | 17.7 m³/day (190 gph) @ 8 knots | |
| Standby: | 1.4 m³/day (15 gph) @ 0 knots | |
| Range @ 12 Knots: | 7,000 nm | |
| Bollard Pull | 170 st | 150 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 @ 190 ft | 48.4 m³/h @ 57 m |
| Liquid Mud: | 660 gpm @ 470 ft | 150 m³/h @ 140 m |

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: | 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 2.5MX4M; 450 mt SWL |

Nav/Comms Equipment

| | |
|-----------------------|------------------|
| Radar(s): | 2 |
| Depth Sounder: | 1 |
| Cyro Compass: | 3 |
| Wind Seed 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: | 330 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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Further specifications



Registration

| | | |
|-------------------|------------------------------|--------|
| Flag: VANUATU | Home Port: PORT VILA | |
| Hull Number: 7414 | IMO N ^o : 9476862 | |
| Year Built: 2009 | Call Sign: YJVV5 | |
| Builder: | REMONTOWA | |
| Tonnage (ITC): | 2301 GT | 690 NT |

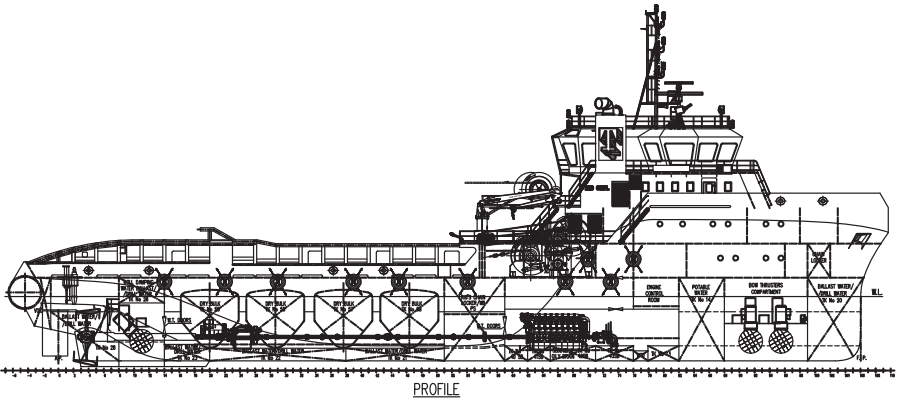
Special Equipment

| | |
|--|---|
| Fire Fighting: | FiFi-1 |
| Dynamic Positioning: | DP-2 |
| Ref. Systems: | 2 x MRU; 2 x DGPS 1 x Microwave-based; 1 x Laser-based |
| Mud Circulation System/ Mud Mixers: | Yes/Yes |
| Tank Cleaning: | Yes |
| Rescue Zone: | Yes |
| Rescue Boat: | SOLAS |
| Reefer Sockets: | 4x 440V 32A; 2x 440V 50A; 2x 220V 50A |
| Misc: | Eye Wash Station; MSD-28 PERSONS; S-VDR, FW Meter |

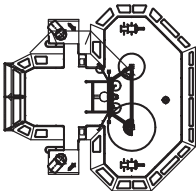
*Approximate values assuming Ideal Conditions

WILLIAM R CROYLE II

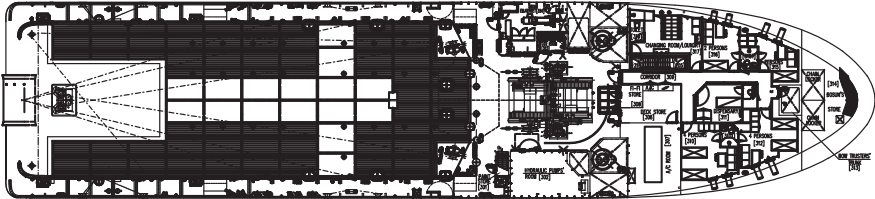
General Arrangement (Current configuration may vary.)



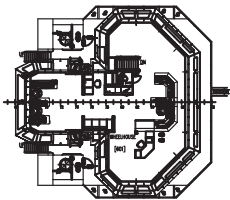
PROFILE



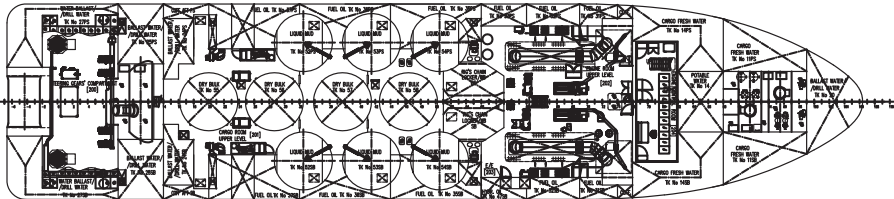
WHEELHOUSE TOP
19400 AB. BL.



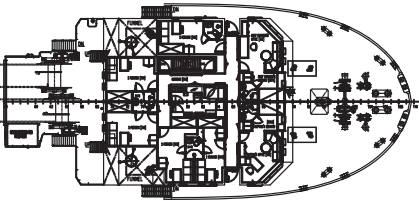
1st DECK
6000 AB. BL.



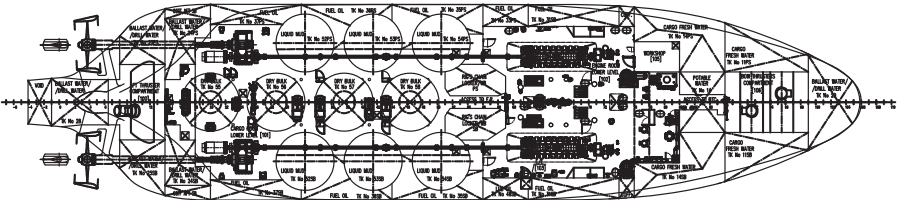
BRIDGE DECK
14900 AB. BL.



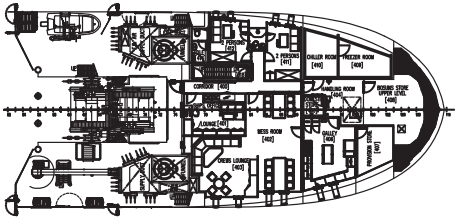
2nd DECK
3900/4100 AB. BL.



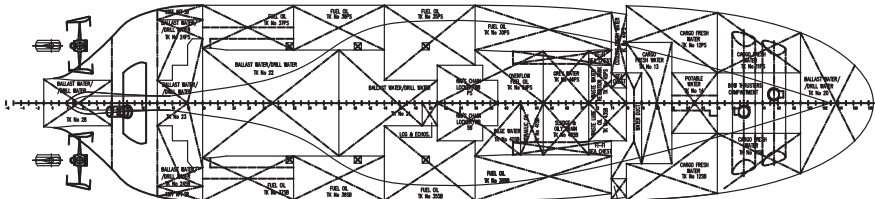
02 ACCOMMODATION DECK
12100 AB. BL.



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



01 ACCOMMODATION DECK
9300 AB. BL.



BELOW TANK TOP



| 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. |
|---|-----------|--------------------------|-------------|-------------|-------------|-------|------------------|----------------|-------|---------------|----------|-------------|------|--------------|
| TK 11 FW SB | FW | 94.7 | | | | | | 94.7 | | | | | | |
| TK 11 FW PS | FW | 94.7 | | | | | | 94.7 | | | | | | |
| TK 12 FW SB | FW | 145.0 | | | | | | 145.0 | | | | | | |
| TK 12 FW PS | FW | 145.0 | | | | | | 145.0 | | | | | | |
| TK 13 FW C | FW | 30.4 | | | | | | 30.4 | | | | | | |
| TK 14 FW C | Ship's FW | 99.1 | | | | | 99.1 | | | | | | | |
| TK 20 DW/WB C | DW/WB | 134.2 | | | | 134.2 | | | | | | | | |
| TK 21 DW/WB C | DW/WB | 42.3 | | | | 42.3 | | | | | | | | |
| TK 22 DW/WB C | DW/WB | 84.9 | | | | 84.9 | | | | | | | | |
| TK 23 DW/WB C | DW/WB | 18.7 | | | | 18.7 | | | | | | | | |
| TK 24 DW/WB SB | DW/WB | 52.7 | | | | 52.7 | | | | | | | | |
| 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 | 16.8 | | | | 16.8 | | | | | | | | |
| TK 26 DW/WB C | DW/WB | 108.8 | | | | 108.8 | | | | | | | | |
| TK 27 DW/WB SB | DW/WB | 38.4 | | | | 38.4 | | | | | | | | |
| TK 27 DW/WB PS | DW/WB | 38.4 | | | | 38.4 | | | | | | | | |
| TK 28 DW/WB C | DW/WB | 25.4 | | | | 25.4 | | | | | | | | |
| CL SB | DW/WB/CL | 78.4 | | | | 78.4 | | | | | | | | |
| CL PS | DW/WB/CL | 78.4 | | | | 78.4 | | | | | | | | |
| TK 30 FO SB | FO | 39.1 | | 39.1 | | | | | | | | | | |
| TK 30 FO PS | FO | 39.1 | | 39.1 | | | | | | | | | | |
| TK 31 FO SB | FO | 43.6 | | 43.6 | | | | | | | | | | |
| TK 31 FO PS | FO | 44.3 | | 44.3 | | | | | | | | | | |
| TK 32 FO SERV SB | FO | 18.7 | | 18.7 | | | | | | | | | | |
| TK 32 FO SERV PS | FO | 19.4 | | 19.4 | | | | | | | | | | |
| TK 33 FO SETTling PS | FO | 33.6 | | 33.6 | | | | | | | | | | |
| TK 34 FO OVERFLOW PS | FO | 20.0 | | 20.0 | | | | | | | | | | |
| TK 35 FO SB | FO | 106.9 | | 106.9 | | | | | | | | | | |
| TK 35 FO PS | FO | 106.9 | | 106.9 | | | | | | | | | | |
| TK 36 FO SB | FO | 80.5 | | 80.5 | | | | | | | | | | |
| TK 36 FO PS | FO | 80.5 | | 80.5 | | | | | | | | | | |
| TK 37 FO SB | FO | 95.7 | | 95.7 | | | | | | | | | | |
| TK 37 FO PS | FO | 95.7 | | 95.7 | | | | | | | | | | |
| TK 52 LM SB | LM | 79.3 | | | | | | | | 79.3 | | | | |
| TK 52 LM PS | LM | 79.3 | | | | | | | | 79.3 | | | | |
| TK 53 LM SB | LM | 79.3 | | | | | | | | 79.3 | | | | |
| TK 53 LM PS | LM | 79.3 | | | | | | | | 79.3 | | | | |
| TK 54 LM SB | LM | 79.3 | | | | | | | | 79.3 | | | | |
| TK 54 LM PS | LM | 79.3 | | | | | | | | 79.3 | | | | |
| TK 55 Dry Bulk | Dry Bulk | 48.4 | | | 48.4 | | | | | | | | | |
| 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 | | | | | | | | | |
| Lube Oil Storage | LO | 15.5 | | | | | | | | | | 15.5 | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Total Volume [m ³] | | | 0.0 | 824.0 | 193.6 | 787.0 | 99.1 | 509.8 | 0.0 | 475.7 | 0.0 | 15.5 | 0.0 | 0.0 |
| Spec Sheet Total Volume [m ³] | | | 0.0 | 732.3 | 193.6 | 787.0 | 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.

