

SOLITAIRE TIDE



UT 754 WP PSV

Vessel Characteristics

| | | |
|--------------------|---|----------------------|
| Length, Overall: | 300.5 ft | 91.6 m |
| Beam: | 72.2 ft | 22 m |
| Depth: | 28.9 ft | 8.8 m |
| Maximum Draft: | 23.6 ft | 7.2 m |
| Light Draft: | 11.4 ft | 3.5 m |
| Minimum Height: | 95.8 ft | 29.2 m |
| Freeboard: | 5.3 ft | 1.6 m |
| Displacement: | 9,880 lt | 10,030 mt |
| Deadweight: | 6,070 lt | 6,170 mt |
| Clear Deck Space: | 178 x 62 ft | 54 x 19 m |
| Clear Deck Area: | 11,000 ft ² | 1,020 m ² |
| Deck Strength AFT: | 2,050 lb/ft ² | 10 t/m ² |
| Class Notations: | DNV: +1A1, Offshore service vessel(Supply), Battery(Power), Clean(Design), COMF(V-3), DK(+), DYN-POS(AUTR), EO, HL(2.8), Ice(C), LFL(*), NAUT(OSV(A)), OILREC, SF | |

Capacities

| | | |
|----------------------------------|-----------------------|----------------------|
| Deck Cargo: | 3,440 lt | 3,500 t |
| Fuel Oil: | 303,000 gal | 1,150 m ³ |
| Potable Water: | 101,000 gal | 380 m ³ |
| Fresh Water: | 89,600 gal | 340 m ³ |
| Drill/Ballast Water: | 971,000 gal | 3,680 m ³ |
| Bulk Tanks (4 tanks): | 8,070 ft ³ | 230 m ³ |
| Liquid Mud (2.8 SG*): | 8,290 bbl | 1,320 m ³ |
| *Max Structural Specific Gravity | | |
| Methanol: | 2,540 bbl | 400 m ³ |
| Base Oil: | 2,540 bbl | 400 m ³ |
| Fire Fighting Foam: | 790 gal | 3 m ³ |

TIDEWATER

Find out more

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Pg.2 Further Specifications
Pg.3 General Arrangement

Pg.4 Capacity Table
Pg.5 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.

LAST UPDATE: 11/17/2023

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Further specifications



Machinery

| | | | |
|-------------------------------|--|---------|-------|
| Diesel Electric Hybrid Vessel | 750 kWh Battery | | |
| Propulsive/Total HP: | 6,700 / 11,300 | | |
| Z-Drives: | Yes | | |
| Propellers (2): | 2500KW CPP | | |
| Primary Generators (3): | 2,760 kw | 690 v | 60 hz |
| Driven by: | RRM C25:33L9P | | |
| Emergency Generators (1): | 200 kw | 690 v | 60 hz |
| Driven by: | SCANIA | | |
| Bow Thruster (3): | 2x TT2200 DNP FP, 1x TCNS 73/50-180 CP Swing Down | | |
| Driven by: | 883KW ELECTRIC MOTORS | | |
| Total Thrust: | 44.4 st | 40.3 mt | |

Deck Equipment

| | |
|-----------------|-------------------------------|
| Anchors (2): | 4590 KG SPEK |
| Anchor Chain: | 270 m of 50 mm chain per side |
| Windlass: | 2x 21 MT RRM BFM22052 |
| Crane (1): | 6 t @ 10 m |
| Aux. Crane (1): | 1 t @ 10 m |
| Tugger (2): | 15 t RRM TUW150H |

Accommodations

| | |
|---------------------|--------------------|
| No. of Berths: | 25 |
| Cabins: | 11x1-man & 7x2-man |
| Certified to Carry: | 25 |
| Galley seating: | 16 |
| Hospital: | Yes |

Registration

| | |
|------------------|---------------------------------|
| Flag: NORWAY | Home Port: SKUDENESHAVN |
| Hull Number: 767 | IMO N ^o : 9616175 |
| Year Built: 2012 | Call Sign: LDYF |
| Builder: | STX Norway Offshore AS Langsten |
| Tonnage (ITC): | 5370 GT1611 NT |

Performance*

| Fuel Consumption Vs Speed | | |
|---------------------------|---------------------------------|-----------------|
| Maximum: | 26 m³/day (290 gph) @ 16 knots | |
| Cruising: | 14 m³/day (150 gph) @ 12 knots | |
| Economical: | 10 m³/day (110 gph) @ 11 knots | |
| Standby: | 2.3 m³/day (25.3 gph) @ 0 knots | |
| Range @ 12 Knots: | 23,500 nm | |
| Transfer Rates | | |
| Fuel Oil: | 1100 gpm @ 300 ft | 250 m³/h @ 92 m |
| Fresh Water: | 1100 gpm @ 300 ft | 250 m³/h @ 92 m |
| Drill/Ballast Water: | 1100 gpm @ 300 ft | 250 m³/h @ 92 m |
| Bulk: | 33.6 cfm @ 190 ft | 571 m³/h @ 57 m |
| Liquid Mud: | 330 gpm @ 600 ft | 75 m³/h @ 180 m |
| Base Oil: | 440 gpm @ 300 ft | 100 m³/h @ 92 m |
| Brine: | 330 gpm @ 600 ft | 75 m³/h @ 180 m |
| Methanol: | 330 gpm @ 300 ft | 75 m³/h @ 92 m |

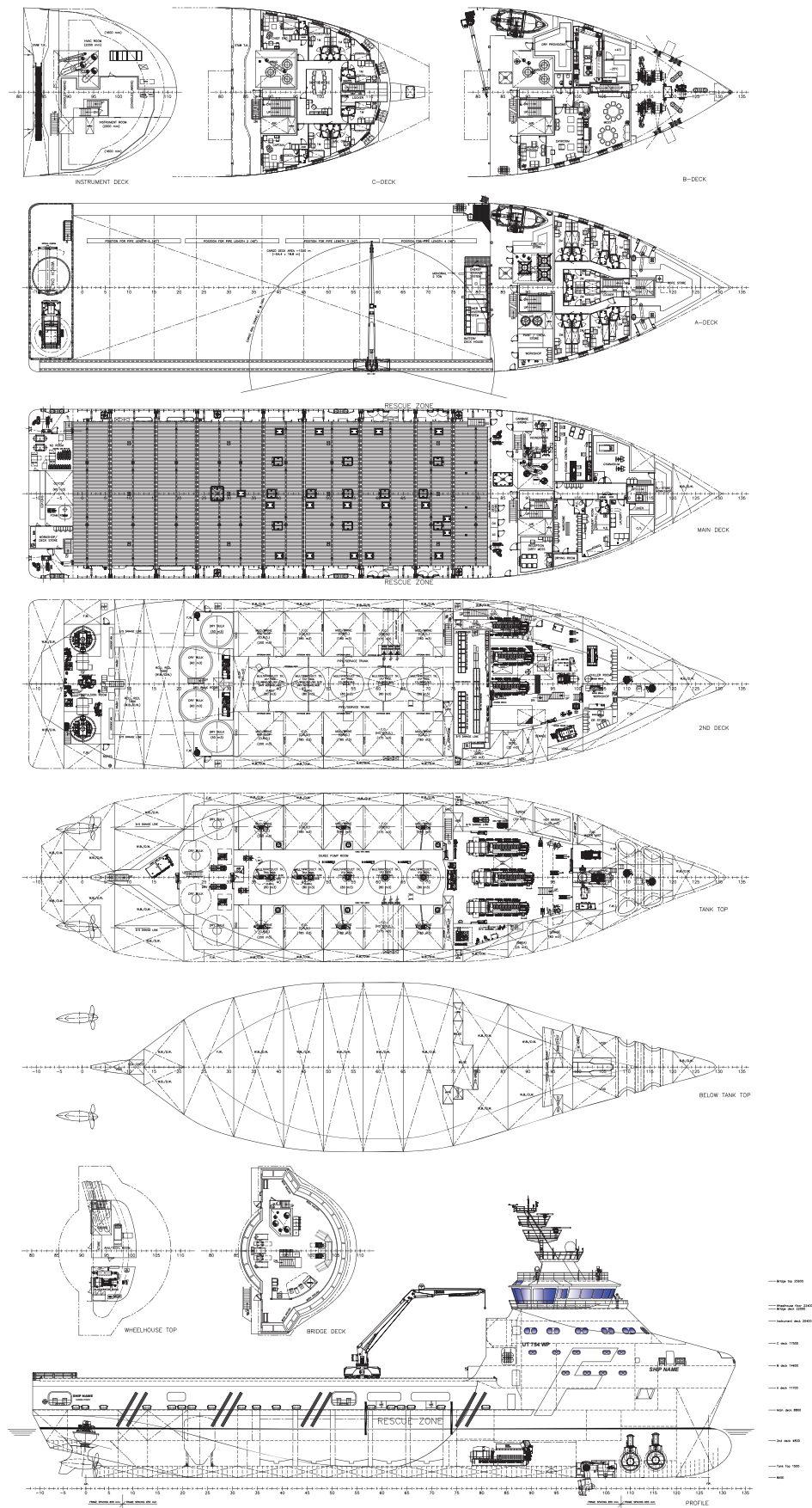
Nav/Comms Equipment

| | |
|------------------------|------------------|
| Radar(s): | 2 |
| Depth Sounder: | 1 |
| Gyro Compass: | 2 |
| Wind Speed Indicators: | 2 |
| Doppler Log: | 1 |
| Radio: | 3 x VHF; 1 x SSB |
| Sat Com: | 2X INMARSAT-C |

Special Equipment

| | |
|--|---|
| 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: | 10-Man Springer MP-741 FRC |
| Gas Detection: | Fixed Gas Detection |
| Reefer Sockets: | 36x 230V 16A |
| Misc: | ORO Capacity - 2116.6 m³; Glycol Capacity - 61.04 m³; MSD - 30 Persons; HPR Trunk; Eye Wash Station |

*Approximate values assuming Ideal Conditions





| Tank | Contents | Volume m ³ | Base Oil | Fuel Oil | Dry Bulk | DW/WB | Potable Water | Fresh Water | Brine | Liquid Mud | Methanol/ LFL | Lube Oil | Foam | Oil Disp. |
|---|----------------------|--------------------------|-------------|-------------|-------------|---------|------------------|----------------|-------|---------------|------------------|-------------|------|--------------|
| FOREPEAK TK | DW/WB | 206.4 | | | | 206.4 | | | | | | | | |
| DB/WG TK 2 PS | DW/WB | 58.4 | | | | 58.4 | | | | | | | | |
| DB/WG TK 2 SB | DW/WB | 64.2 | | | | 64.2 | | | | | | | | |
| DB/WG TK 3 PS | DW/WB | 125.7 | | | | 125.7 | | | | | | | | |
| DB/WG TK 3 SB | DW/WB | 130.8 | | | | 130.8 | | | | | | | | |
| DB/WG TK 4 | DW/WB | 340.9 | | | | 340.9 | | | | | | | | |
| DB TK 5 C | DW/WB | 174.7 | | | | 174.7 | | | | | | | | |
| DB TK 6 C | DW/WB | 172.6 | | | | 172.6 | | | | | | | | |
| WG TK 6 SB | DW/WB | 109.0 | | | | 109.0 | | | | | | | | |
| WG TK 6 PS | DW/WB | 109.0 | | | | 109.0 | | | | | | | | |
| DB/WG TK 7 | DW/WB | 271.1 | | | | 271.1 | | | | | | | | |
| DB/WG TK 8 | DW/WB | 307.8 | | | | 307.8 | | | | | | | | |
| WG TK 10 SB | DW/WB | 50.4 | | | | 50.4 | | | | | | | | |
| WG TK 10 PS | DW/WB | 50.4 | | | | 50.4 | | | | | | | | |
| DB TK 11 PS | DW/WB | 50.2 | | | | 50.2 | | | | | | | | |
| DB TK 11 SB | DW/WB | 50.2 | | | | 50.2 | | | | | | | | |
| AFT PEAK SB | DW/WB | 140.4 | | | | 140.4 | | | | | | | | |
| AFT PEAK PS | DW/WB | 140.4 | | | | 140.4 | | | | | | | | |
| ROLL RED TK 1 | WB | 412.0 | | | | 412.0 | | | | | | | | |
| ROLL RED TK 2 | WB | 282.8 | | | | 282.8 | | | | | | | | |
| DB TK 10 PS | WB | 116.4 | | | | 116.4 | | | | | | | | |
| DB TK 10 SB | WB | 116.4 | | | | 116.4 | | | | | | | | |
| ROLL RED TK DECK C | WB | 197.5 | | | | 197.5 | | | | | | | | |
| FW WG TK 1 PS | Ship's FW | 197.6 | | | | | 197.6 | | | | | | | |
| FW WG TK 1 SB | Ship's FW | 185.0 | | | | | 185.0 | | | | | | | |
| DB/WG TK 9 | FW | 149.5 | | | | | | 149.5 | | | | | | |
| FW WG TK 11 PS | FW | 41.9 | | | | | | 41.9 | | | | | | |
| FW WG TK 11 SB | FW | 41.9 | | | | | | 41.9 | | | | | | |
| FW WG TK 9 PS | FW | 53.0 | | | | | | 53.0 | | | | | | |
| FW WG TK 9 SB | FW | 53.0 | | | | | | 53.0 | | | | | | |
| FO SERVICE II PS | FO | 28.1 | | 28.1 | | | | | | | | | | |
| FO OVERFLOW | FO | 46.4 | | 46.4 | | | | | | | | | | |
| FO TK 5 SB | FO | 185.7 | | 185.7 | | | | | | | | | | |
| FO TK 5 PS | FO/ORO | 185.7 | | 185.7 | | | | | | | | | | |
| FO TK 7 PS | FO/ORO | 185.7 | | 185.7 | | | | | | | | | | |
| FO TK 7 SB | FO/ORO | 185.7 | | 185.7 | | | | | | | | | | |
| MULTI PROD TK 1 | BR/ORO/FO/BO/LFL | 80.7 | 80.7 | 80.7 | | | | | | | 80.7 | | | |
| MULTI PROD TK 2 | BR/ORO/FO/BO/LFL | 80.7 | 80.7 | 80.7 | | | | | | | 80.7 | | | |
| MULTI PROD TK 3 | BR/ORO/FO/BO/LFL | 80.7 | 80.7 | 80.7 | | | | | | | 80.7 | | | |
| MULTI PROD TK 4 | LM/ORO/SLO/FO/BO/LFL | 80.7 | 80.7 | 80.7 | | | | | | 80.7 | 80.7 | | | |
| MULTI PROD TK 5 | LM/ORO/SLO/FO/BO/LFL | 80.7 | 80.7 | 80.7 | | | | | | 80.7 | 80.7 | | | |
| FO SERVICE I PS | FO | 31.8 | | 31.8 | | | | | | | | | | |
| FO SERVICE SB | FO | 43.2 | | 43.2 | | | | | | | | | | |
| FO SETTLE TK | FO | 34.3 | | 34.3 | | | | | | | | | | |
| LM TK 4 PS | LM/ORO | 185.7 | | | | | | | | 185.7 | | | | |
| LM TK 4 SB | LM/ORO | 185.7 | | | | | | | | 185.7 | | | | |
| LM TK 6 PS | LM/ORO | 185.7 | | | | | | | | 185.7 | | | | |
| LM TK 6 SB | LM/ORO | 185.7 | | | | | | | | 185.7 | | | | |
| LM TK 8 PS | LM/ORO/SLO | 206.7 | | | | | | | | 206.7 | | | | |
| LM TK 8 SB | LM/ORO/SLO | 206.7 | | | | | | | | 206.7 | | | | |
| DRY BULK 1 | DRY BULK | 51.0 | | | 51.0 | | | | | | | | | |
| DRY BULK 2 | DRY BULK | 63.5 | | | 63.5 | | | | | | | | | |
| DRY BULK 3 | DRY BULK | 63.5 | | | 63.5 | | | | | | | | | |
| DRY BULK 4 | DRY BULK | 50.6 | | | 50.6 | | | | | | | | | |
| LO TK | LO | 16.3 | | | | | | | | | | 16.3 | | |
| 73 LO TK PS | LO | 3.8 | | | | | | | | | | 3.8 | | |
| 74 LO TK PS | LO | 3.8 | | | | | | | | | | 3.8 | | |
| 75 LO TK PS | LO | 7.7 | | | | | | | | | | 7.7 | | |
| FOAM TANK | FOAM | 3.0 | | | | | | | | | | | 3.0 | |
| GLY TK MAIN DK | GLY | 61.0 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Total Volume [m ³] | | | 403.5 | 1,330.1 | 228.5 | 3,677.5 | 382.6 | 339.3 | 0.0 | 1,317.5 | 403.5 | 31.6 | 3.0 | 0.0 |
| Spec Sheet Total Volume [m ³] | | | 403.5 | 1,146.3 | 228.5 | 3,677.5 | 382.6 | 339.3 | 0.0 | 1,317.5 | 403.5 | 31.6 | 3.0 | 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.



Run : P09-7159 UT 754 WP IMCA All intact

