**Vessel Characteristics**

- **Length, Overall:** 310.5 ft (94.7 m)
- **Beam:** 68.9 ft (21 m)
- **Depth:** 27.9 ft (8.5 m)
- **Maximum Draft:** 23 ft (7 m)
- **Light Draft:** 11.5 ft (3.5 m)
- **Minimum Height:** 92.5 ft (28.2 m)
- **Freeboard:** 5 ft (1.5 m)
- **Displacement:** 9,080 lt (9,220 mt)
- **Deadweight:** 5,520 lt (5,610 mt)
- **Clear Deck Space:** 300 x 57 ft (70.1 x 17.5 m)
- **Clear Deck Area:** 12,700 ft² (1,180 m²)
- **Deck Strength:** 2,050 lb/ft² (10 t/m²)

**Class Notations:**
- DNV: +1A1, ICE-C, WINTERIZED BASIC, OILREC, SF, LFL*, COMF-V(2) C(3), E0, DYNPOS-AUTR, NAUT-OSV(A), CLEAN DESIGN, DK(+), HL(2.8)
TIDEWATER® TROMS ARCTURUS

Deck Cargo: 3,540 lt 3,600 t
Fuel Oil: 389,000 gal 1,470 m³
Potable Water: 53,700 gal 200 m³
Fresh Water: 205,000 gal 780 m³
Drill/Ballast Water: 573,000 gal 2,170 m³
Bulk Tanks (6 tanks): 10,600 ft³ 300 m³
Liquid Mud (23 lbs/gal): 8,830 bbl 1,400 m³
Base Oil: 950 bbl 150 m³
Brine: 410 bbl 2,560 m³
Methanol: 950 bbl 150 m³
Fire Fighting Foam: 1,880 gal 7.1 m³

(Authoritative values assuming ideal conditions)

Fuel Consumption vs Speed

- Maximum: 25 m³/day (270 gph) @ 16 knots
- Cruising: 14 m³/day (150 gph) @ 12 knots
- Economical: 12 m³/day (130 gph) @ 11 knots
- Standby: 3.5 m³/day (39 gph) @ 0 knots

Range @ 12 Knots: 30,300 nm

Transfer Rates

- Fuel Oil: 880 gpm @ 300 ft 200 m³/h @ 90 m
- Potable Water: 880 gpm @ 300 ft 200 m³/h @ 90 m
- Fresh Water: 880 gpm @ 300 ft 200 m³/h @ 90 m
- Drill/Ballast Water: 880 gpm @ 300 ft 200 m³/h @ 90 m
- Bulk: 29.5 cfm @ 190 ft 50.1 m³/h @ 57 m
- Liquid Mud: 440 gpm @ 800 ft 100 m³/h @ 240 m
- Base Oil: 440 gpm @ 300 ft 100 m³/h @ 90 m
- Brine: 440 gpm @ 800 ft 100 m³/h @ 240 m
- Methanol: 330 gpm @ 300 ft 75 m³/h @ 90 m

Performance

- No of Berths: 28
- 1-man cabins: 14
- 2-man cabins: 7
- Certified to Carry: 28
- Hospital: Yes

Machinery

- Propulsive/Total HP: 5,900 / 10,300
- Z-Drives: Yes
- Propellers (2): RRM AZP100 CP 2200kW
- Primary Generators (3): 2,460 kw 690 v 60 Hz
- Driven by: RR Bergen Diesel C25:33 L8ACD
- Secondary Generators (1): 600 kw 690 v 60 Hz
- Driven by: Scania DI1674M
- Emergency Generators (1): 200 kw 690 v 60 Hz
- Driven by: Scania DI126M
- Bow Thruster (3): 2xRR TT2400 DNP CP; 1xRR TCNS 73/50
- Driven by: 2x1200kW; 1x880kW Electric Motor
- Total Thrust: 55.1 st 50 mt

Nav/Comms Equip.

- Radar(s): 2
- Depth Sounder: 1
- Gyro Compass: 3
- Doppler Log: 1
- Radio: 4 x VHF; 1 x SSB
- Satellite Comms: 1xINMARSAT-C; 1xFLEET BROADBAND 250

Special Equip.

- Dynamic Positioning: KONGSBERG K-POS DP-21
- Ref. Systems: 3 x MRU; 2 x DGPS
- 1 x Laser-based; 1 x Radar-based
- Mud Recirculation: Yes
- Mud Mixers: Yes
- Tank Cleaning: Yes
- Rescue Boat: MARE GTC700-2VD

Deck. Equip.

- Anchors (2): 4050KG SPEK TYPE M
- Anchor Chain: 260 m of 50 mm chain per side
- Crane: 4 t @ 10 m
- Capstans (2): 10 t RR CH80F-D
- Tugger (2): 10 t RR TUW 100 F

Accommodations

- Nº of Berths: 28
- 1-man cabins: 14
- 2-man cabins: 7
- Certified to Carry: 28
- Hospital: Yes

Registration

- Flag: NORWAY
- IMO No: 9694000
- Year Built: 2014
- Builder: STX OSV AS
- Call Sign: LKNL
- Tonnage (ITC): 4969 GT 1861 NT

Last update: 6/6/2016

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. The 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. Fuel consumption figures are historically conservative approximations.
<table>
<thead>
<tr>
<th>Tank</th>
<th>Contents</th>
<th>Volume m³</th>
<th>Base Oil m³</th>
<th>Fuel Oil m³</th>
<th>Dry Bulk m³</th>
<th>DW/WW</th>
<th>Potable Water</th>
<th>Fresh Water</th>
<th>Brine</th>
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**Table Note:**

- Fuel consumption figures are historically conservative approximations.
- Capacities shown 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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DP Capability Plot

External:
Variable wind velocity rotating 360 deg
0.75 m/s wind generated current rotating 360 deg
Variable wave height rotating 360 deg