**Vessel Characteristics**

**UT-755LN PLATFORM SUPPLY VESSEL**

**DAVIS TIDE**

**Length, Overall:** 241.5 ft 73.6 m

**Beam:** 52.5 ft 16 m

**Depth:** 23 ft 7 m

**Maximum Draft:** 19.1 ft 5.8 m

**Light Draft:** 8.2 ft 2.5 m

**Minimum Height:** 79.4 ft 24.2 m

**Freeboard:** 3.9 ft 1.2 m

**Displacement:** 4,920 lt 5,000 mt

**Deadweight:** 3,170 lt 3,230 mt

**Clear Deck Space:** 170 x 44 ft 50.5 x 13.5 m

**Clear Deck Area:** 7,340 ft² 680 m²

**Deck Strength:** 1,020 lb/ft² 5 t/m²

**Class Notations:** ABS: A1, FFV-1, AMS, ACCU, DPS-2, TCM

Last update: 2/29/2016
**Deck Cargo:** 1,530 lt 1,550 t
**Fuel Oil:** 279,000 gal 1,060 m³
**Potable Water:** 60,200 gal 230 m³
**Fresh Water:** 183,000 gal 690 m³
**Drill/Ballast Water:** 108,000 gal 410 m³
**Bulk Tanks (5 tanks):** 11,300 ft³ 320 m³
**Liquid Mud (21 lbs/gal):** 6,270 bbl 1,000 m³
**Base Oil:** 1,290 gal 200 m³
**Fire Fighting Foam:** 2,600 gal 9.8 m³

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**Main Engines (2):** Bergen C25.33L6P
**Total HP:** 5,360
**Propellers (2):** CPP 4-Blade NiBrAl
**Primary Generators (2):** 1,440 kw 440 v 60 Hz
**Driven by:** Main Engines
**Secondary Generators:** 250 440 60
**Driven by:** Diesel Engine
**Emergency Generators (1):** 88 kw 440 v 60 Hz
**Driven by:** Diesel Engine
**Bow Thruster (2):** CPP 4-Blade Tunnel
**Driven by:** 600 kW Electric Motor
**Total Thrust:** 20.1 st 18.2 mt
**Stern Thruster (2):** CPP 4-blade Tunnel
**Driven by:** 500 kW Electric Motor
**Total Thrust:** 16.8 st 15.2 mt

**Anchors (2):** 5,423 lbs Spek Type
**Anchor Chain:** 230 m of 38.1 mm chain per side
**Crane:** 3 t @ 15.8 m
**Capstans (2):** 8 t Rauma Brattvaag Hydraulic
**Tugger (2):** 10 t Rauma Brattvaag Hydraulic

**N° of Berths:** 34
**1-man cabins:** 10
**2-man cabins:** 2
**4-man cabins:** 5
**Certified to Carry:** 34
**Hospital:** Yes

**Flag:** VANUATU
**IMO N°:** 9511844
**Year Built:** 2010
**Builder:** COCHIN SHIPYARD
**Call Sign:** YJVV2
**Tonnage (ITC):** 2177 GT 1044 NT

**Fuel Consumption Vs Speed**
- **Maximum:** 22 m³/day (250 gph) @ 14 knots
- **Cruising:** 18 m³/day (200 gph) @ 12 knots
- **Economical:** 13 m³/day (150 gph) @ 9 knots
- **Standby:** 0.8 m³/day (9 gph) @ 0 knots

**Range @ 9 Knots:** 16,100 nm

**Transfer Rates**
- **Fuel Oil:** 880 gpm @ 300 ft 200 m³/h @ 92 m
- **Fresh Water:** 880 gpm @ 300 ft 200 m³/h @ 92 m
- **Drill/Ballast Water:** 880 gpm @ 300 ft 200 m³/h @ 92 m
- **Bulk:** 600 gpm @ 300 ft 74.9 m³/h @ 180 m
- **Liquid Mud:** 600 gpm @ 300 ft 74.9 m³/h @ 180 m
- **Base Oil:** 250 600 T 440 33 33 74.9 m³/h @ 180 m

**Nav/Comms Equip.**
- **Radar(s):** 2
- **Depth Sounder:** 1
- **Gyro Compass:** 3
- **Doppler Log:** 1
- **Satelite Comms:** 1xIRIDIUM, 1xSat-C
- **Radio:** 3 x VHF; 1 x SSB

**Machinery**
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**Firefighting:** FIFI-1
**Dynamic Positioning:** DP-2 CLASSED
**Ref. Systems:** 2 x MRU; 2 x DGPS
**1 x Laser-based**
**Mud Mixers:** Yes
**Rescue Boat:** 6 Man SOLAS Approved

**Certified to Carry:** 34
**Hospital:** Yes

**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. Fuel consumption figures are historically conservative approximations.
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<th>Volume m³</th>
<th>Base Oil</th>
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<th>Dry Bulk</th>
<th>DW/WB</th>
<th>Potable Water</th>
<th>Fresh Water</th>
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| Total Volume [m³]   | 204.8    | 1,212.7   | 320.0    | 1,280.1  | 227.7   | 693.4 | 0.0           | 997.4      | 0.0 | 18.5      | 10.0  | 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.

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 ensure that the data contained herein is reasonably accurate. However, the Company does not warrant the accuracy or completeness of the data. In no event shall the 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.
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Fuel consumption figures are historically conservative approximations.

Wind Angle is stepped from 0 to 360 deg. Wind Speed is Set Automatically.
Wave Angle is stepped from 0 to 360 deg. Wave Height is Derived from Wind Speed.
Current Angle is stepped from 0 to 360 deg. Current Speed is 1.5 knots.

Capability Plot for Platform Supply Vessel UT755LN: Wind Speed in knots

Coordinates

Weather Direction
Wind
Current at Waves

Ship Direction

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