**Vessel Characteristics**

- **Length, Overall:** 274.7 ft (83.8 m)
- **Beam:** 59.1 ft (18 m)
- **Depth:** 22.9 ft (7 m)
- **Maximum Draft:** 19 ft (5.8 m)
- **Light Draft:** 8.9 ft (2.7 m)
- **Minimum Height:** 82.3 ft (26.3 m)
- **Freeboard:** 3.9 ft (1.2 m)
- **Displacement:** 6,430 lt (6,530 mt)
- **Deadweight:** 3,920 lt (3,990 mt)
- **Clear Deck Space:** 190 x 49 ft (57.7 x 15 m)
- **Clear Deck Area:** 9,310 ft² (860 m²)
- **Deck Strength:** 1,020 lb/ft² (5 t/m²)
- **Class Notations:** ABS: +A1,OSV,(E),+AMS,+ACCU,+DPS-2,ENVIR0,HAB(WB),UWILD,FiFi-1,GP
## Capacities

| Deck Cargo: | 2,480 lt | 2,520 t |
| Fuel Oil: | 186,000 gal | 710 m³ |
| Potable Water: | 69,000 gal | 260 m³ |
| Fresh Water: | 558,000 gal | 2,110 m³ |
| Drill/Ballast Water: | 65,100 gal | 250 m³ |
| Bulk Tanks (6 tanks): | 11,300 ft³ | 320 m³ |
| Liquid Mud (23 lbs/gal): | 6,400 bbl | 1,020 m³ |
| Base Oil | 1,360 bbl | 220 m³ |

## Diesel Electric Vessel

- **Propulsive/Total HP:** 4,290 / 7,280
- **Z-Drives:** Yes
- **Propellers (2):** 2 x 1600kw AZIPULL FP
- **Primary Generators (4):** 1,360 kw 690 v 60 hz
  - Driven by: Main Engines
- **Emergency Generators (1):** 400 kw 690 v 60 hz
  - Driven by: Main Engines
- **Bow Thruster (2):** RR/TT 2000DPN FP + RR/UCS 911 FP
  - Driven by: CAT C18
- **Total Thrust:** 25.4 st 23 mt

## Deck Equip.

- **Anchors (2):** 7275 LBS SPEK TYPE
- **Anchor Chain:** 250 m of 45.7 mm chain per side
- **Crane:** 3 t @ 15.8 m
- **Capstans (2):** 10 t BRATTVAAG CMX2210
- **Tugger (2):** 10 t BRATTVAAG/LAKMX22010

## Accommodations

- **No of Berths:** 46
  - 1-man cabins: 10
  - 2-man cabins: 14
  - 4-man cabins: 2
  - Certified to Carry: 46
  - Hospital: Yes

## Performance

### Fuel Consumption Vs Speed

- **Maximum:** 19 m³/day (210 gph) @ 13 knots
- **Cruising:** 13 m³/day (140 gph) @ 12 knots
- **Economical:** 8 m³/day (88 gph) @ 8 knots
- **Standby:** 2.7 m³/day (30 gph) @ 0 knots
- **Range @ 12 Knots:** 15,900 nm

### Transfer Rates

- **Fuel Oil:** 880 gpm @ 300 ft 200 m³/h @ 92 m
- **Potable Water:** 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:** 31.3 cfm @ 190 ft 53.2 m³/h @ 57 m
- **Liquid Mud:** 330 gpm @ 600 ft 74.9 m³/h @ 180 m
- **Base Oil:** 660 gpm @ 300 ft 150 m³/h @ 92 m
- **Brine:** 330 gpm @ 600 ft 74.9 m³/h @ 180 m

## Machinery

- **Radar(s):** 2
- **Depth Sounder:** 1
- **Gyro Compass:** 3
- **Doppler Log:** 1
- **Radio:** 3 x VHF; 1 x SSB

## Special Equip.

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

## Registration

- **Flag:** VANUATU
- **IMO No.:** 9659361
- **Year Built:** 2015
- **Builder:** COSCO GUANGDONG
- **Call Sign:** YJTT2
- **Tonnage (ITC):** 3370 GT 1293 NT
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.
# Capacity Table

<table>
<thead>
<tr>
<th>Tank</th>
<th>Contents</th>
<th>Volume [m³]</th>
<th>Base Oil</th>
<th>Fuel Oil</th>
<th>Dry Bulk</th>
<th>DW/WB</th>
<th>Potable Water</th>
<th>Fresh Water</th>
<th>Brine</th>
<th>Liquid Mud</th>
<th>Methanol</th>
<th>Lube Oil</th>
<th>Foam</th>
<th>Oil Disp.</th>
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</table>

*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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Ship: UT 771 CDL - DE
Run: Capability 0 current All intact

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

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