HART TIDE as shown
LAIRD TIDE similar

**Vessel Characteristics**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>HART TIDE</th>
<th>LAIRD TIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length, Overall</td>
<td>285.8 ft</td>
<td>87.1 m</td>
</tr>
<tr>
<td>Beam</td>
<td>61.8 ft</td>
<td>18.8 m</td>
</tr>
<tr>
<td>Depth</td>
<td>24.3 ft</td>
<td>7.4 m</td>
</tr>
<tr>
<td>Maximum Draft</td>
<td>19.8 ft</td>
<td>6.1 m</td>
</tr>
<tr>
<td>Light Draft</td>
<td>7.5 ft</td>
<td>2.3 m</td>
</tr>
<tr>
<td>Minimum Height</td>
<td>91.2 ft</td>
<td>27.8 m</td>
</tr>
<tr>
<td>Freeboard</td>
<td>4.6 ft</td>
<td>1.4 m</td>
</tr>
<tr>
<td>Displacement</td>
<td>7,600 lt</td>
<td>7,720 mt</td>
</tr>
<tr>
<td>Deadweight</td>
<td>5,090 lt</td>
<td>5,170 mt</td>
</tr>
<tr>
<td>Clear Deck Space</td>
<td>200 x 52 ft</td>
<td>59.7 x 16 m</td>
</tr>
<tr>
<td>Clear Deck Area</td>
<td>9,980 ft²</td>
<td>930 m²</td>
</tr>
<tr>
<td>Deck Strength</td>
<td>1,020 lb/ft²</td>
<td>5 t/m²</td>
</tr>
<tr>
<td>Class Notations</td>
<td>ABS: +A1, (E), +AMS, +DPS-2, FFV-1, OSV, UWILD</td>
<td></td>
</tr>
</tbody>
</table>
### Capacities

<table>
<thead>
<tr>
<th>Description</th>
<th>Deck Cargo</th>
<th>Fuel Oil</th>
<th>Potable Water</th>
<th>Fresh Water</th>
<th>Drill/Ballast Water</th>
<th>Bulk Tanks (5 tanks)</th>
<th>Liquid Mud (20 lbs/gal)</th>
<th>Methanol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>2,790 lt</td>
<td>240,000 gal</td>
<td>44,300 gal</td>
<td>530,000 gal</td>
<td>86,700 gal</td>
<td>14,700 ft³</td>
<td>15,200 bbl</td>
<td>2,700 bbl</td>
</tr>
<tr>
<td>Volume</td>
<td>2,840 t</td>
<td>910 m³</td>
<td>170 m³</td>
<td>2010 m³</td>
<td>330 m³</td>
<td>420 m³</td>
<td>2,410 m³</td>
<td>430 m³</td>
</tr>
</tbody>
</table>

### Diesel Electric Vessel

- **Propulsive/Total HP:** 5,360 / 10,200
- **Z-Drives:** Yes
- **Propellers (2):** 4-Blade FP Rolls-Royce
- **Kort Nozzles:** Yes
- **Primary Generators (4):** 1,820 kw 480 v 60 hz
  -**Driven by:** Cummins QSK60-D(M)
- **Emergency Generators (1):** 150 kw 480 v 60 hz
  -**Driven by:** Cummins 6CTA8.3-D(M)
- **Bow Thruster (2):** 1220 Hp CPP TT, 1073 Hp CPP DD
  -**Driven by:** Electric Motor Driven
- **Total Thrust:** 28.7 st 26 mt

### Deck Equip.

- **Anchors (2):** 5465 lbs HHP
- **Anchor Chain:** 250 m of 50 mm chain per side
- **Crane:** 2 t @ 10.1 m
- **Capstans (2):** 7.5 t Electric, 328 ft. of .5 in.
- **Tugger (2):** 10 t Electric, Plimsoll

### No° of Berths:

- 52
- 1-man cabins: 16
- 2-man cabins: 10
- 4-man cabins: 4
- Certified to Carry: 52
- Hospital: Yes

### Performance

**Fuel Consumption Vs Speed**

- **Maximum:** 30 m³/day (330 gph) @ 14 knots
- **Cruising:** 25 m³/day (280 gph) @ 13 knots
- **Economical:** 16 m³/day (180 gph) @ 11 knots
- **Range @ 11 Knots:** 15,200 nm

**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:** 49 cfm @ 180 ft 83 m³/h @ 56 m
- **Liquid Mud:** 660 gpm @ 470 ft 150 m³/h @ 140 m
- **Methanol:** 330 gpm @ 300 ft 74.9 m³/h @ 92 m

### Registration

- **Flag:** VANUATU
- **IMO N°:** 9533660
- **Year Built:** 2012
- **Builder:** FUJIAN MAWEI
- **Call Sign:** YJSB9
- **Tonnage (ITC):** 3601 GT 1429 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.