HART TIDE as shown
GERARD TIDE similar

Length, Overall: 285.8 ft 87.1 m
Beam: 61.8 ft 18.8 m
Depth: 24.3 ft 7.4 m
Maximum Draft: 19.8 ft 6.1 m
Light Draft: 7.6 ft 2.3 m
Minimum Height: 91.2 ft 27.8 m
Freeboard: 4.6 ft 1.4 m
Displacement: 7,600 lt 7,720 mt
Deadweight: 5,080 lt 5,160 mt
Clear Deck Space: 200 x 52 ft 59.7 x 16 m
Clear Deck Area: 9,980 ft² 930 m²
Deck Strength: 1,020 lb/ft² 5 t/m²

Class Notations:
ABS: +A1, (E), +AMS, +DPS-2, FFV-1, OSV, UWILD
### Capacities

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<tr>
<td></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>
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<td>2,840 t</td>
<td>910 m³</td>
<td>170 m³</td>
<td>2010 m³</td>
<td>330 m³</td>
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### Performance

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<th>Approximate values assuming Ideal Conditions</th>
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<tr>
<td>Fuel Consumption Vs Speed</td>
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<td>Maximum: 30 m³/day (330 gph) @ 14 knots</td>
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<td>Cruising: 25 m³/day (280 gph) @ 13 knots</td>
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<td>Economical: 16 m³/day (180 gph) @ 11 knots</td>
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<td>Range @ 11 Knots: 15,200 nm</td>
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### Transfer Rates

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<th>Fuel Oil: 660 gpm @ 300 ft</th>
<th>Fresh Water: 660 gpm @ 300 ft</th>
<th>Drill/Ballast Water: 660 gpm @ 300 ft</th>
<th>Bulk: 49 cfm @ 180 ft</th>
<th>Liquid Mud: 660 gpm @ 470 ft</th>
<th>Methanol: 330 gpm @ 300 ft</th>
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<tbody>
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<td>150 m³/h @ 92 m</td>
<td>150 m³/h @ 92 m</td>
<td>150 m³/h @ 92 m</td>
<td>83 m³/h @ 56 m</td>
<td>150 m³/h @ 140 m</td>
<td>74.9 m³/h @ 92 m</td>
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### Deck Equip.

- **Deck Cargo:** 2,790 lt to 2,840 t
- **Fuel Oil:** 240,000 gal to 910 m³
- **Potable Water:** 44,300 gal to 170 m³
- **Fresh Water:** 530,000 gal to 2010 m³
- **Drill/Ballast Water:** 86,700 gal to 330 m³
- **Bulk Tanks (5 tanks):** 14,700 ft³ to 420 m³
- **Liquid Mud (20 lbs/gal):** 15,200 bbl to 2,410 m³
- **Methanol:** 2,700 bbl to 430 m³

### 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 to 26 mt

### Accommodations

- **No of Berths:** 52
- **1-man cabins:** 16
- **2-man cabins:** 10
- **4-man cabins:** 4
- **Certified to Carry:** 52
- **Hospital:** Yes

### Machinery

- **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 to 26 mt

### Firefighting

- **FiFi-1**

### Dynamic Positioning

- **DPS-2**

### Ref. Systems

- **2 x MRU; 2 x DGPS**
- **1 x Laser-based; 1 x Radar-based**

### Mud Mixers

- **YES**

### Tank Cleaning

- **YES**

### Rescue Boat

- **Solas Approved**

### Special Equip.

- **Anchors (2):** 5460 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

### Nav/Comms Equip.

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

### Tonnage (ITC)

- **3601 GT**
- **1429 NT**
General Arrangement
## Tank Table

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<th>Contents</th>
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<th>Fuel Oil</th>
<th>Dry Bulk</th>
<th>DW/WB</th>
<th>Potable Water</th>
<th>Fresh Water</th>
<th>Brine</th>
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<td>83.2</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Volume $m^3$</strong></td>
<td></td>
<td>0.0</td>
<td>975.8</td>
<td>415.8</td>
<td>1,832.2</td>
<td>167.9</td>
<td>2,006.2</td>
<td>0.0</td>
<td></td>
<td>2,409.7</td>
<td>429.4</td>
<td>1.9</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Spec Sheet Total Volume $m^3$</strong></td>
<td></td>
<td>0.0</td>
<td>909.4</td>
<td>415.8</td>
<td>328.3</td>
<td>167.9</td>
<td>2,006.2</td>
<td>0.0</td>
<td></td>
<td>2,409.7</td>
<td>429.4</td>
<td>1.9</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</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.*

**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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**Fuel consumption figures are historically conservative approximations.**