# HERV LANA ROSE - Humanitarian & Environmental Response Vessel

**Main Particulars**

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length, Overall</td>
<td>216.5 ft (66.0 m)</td>
</tr>
<tr>
<td>Beam</td>
<td>47.6 ft (14.5 m)</td>
</tr>
<tr>
<td>Depth</td>
<td>27.1 ft (8.25 m)</td>
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<tr>
<td>Mean Draft</td>
<td>19.7 ft (6.0 m)</td>
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</tbody>
</table>

**Capacities**

- **Fuel Oil**: 850 cbm (2248 usg)
- **Fresh Water**: 100 cbm (208 usg)

**Machinery**

- **Main Engine**: Wichmann 4490 HP
- **Propellers**: Controllable pitch propeller Wichmann, Diameter 3600 mm
- **Bow Thruster**: Brunvoll SPT-VP 294 kW
- **Azimuth Thruster**: Brunvoll AR 63 LNC 1650 736 kW (Also allows for 100% propulsion redundancy)
- **Rudder**: Becker S-A 2300
- **Generators**:
  - 1 x Shaft Generator 1500 kVA
  - 3 x MWM TBD 234, V12, 400 kVA Generator
  - 1 x Caterpillar 3512B Dita 1500 kVA
  - 1 x Emergency Generator Caterpillar 140 kVA
- **Evaporator** (Fresh water maker): 1000 usg/day
- **Reverse Osmosis Unit** (Large capacity freshwater maker): 5280 usg/day
- **Cranes x2 Signal Bergesen**: SWL 2t
- **Tow Bracket for Towing**: Up to 36t

**Performance**

- **Assuming Fair Weather**
  - Speed: 12.0 knots
  - Cruising: 10.0 knots
  - Cruising Range: 20,000 nm

**Accommodations**

- **Cabins**: 14 singles; 15 double cabins
- **Certified to Carry**: 44 Total (12 Crew + 32 Pax)
- **Berths**: 44
- **Hospital**: 2 beds

**Disaster Response Capabilities**

- **On Board Command Center, Media Room & Broadcast Center**
- **Installation ready for high capacity potable water generating plant for disaster area supply**
- **Vessel can carry many large rolled up bladders (5,000 & 10,000 each) for potable water & other uses to be supplied in disaster areas for water being generated on board**
- **Vessel has high fuel storage capacity & can supply fuel to shore equipment or facilities in disaster areas**
- **Can be equipped with forklifts for material handling & shore side assistance**
- **Helo pad (21m dia) capable of landing up to super puma size helicopters (Up to 12t)**
- **Small but well equipped 2 bed hospital space**
- **Large capacity incinerator to handle environmental or contaminated waste**
- **Dining room and galley capable of handling & serving around the clock meal service**
- **Floating dock platforms for small boat access to vessel**
- **Large office area for meetings/conference and other private office spaces**

**Registration**

- **Flag**: Vanuatu
- **Home Port**: Port Vila
- **Official Number**: 2432
- **IMO Number**: 8316857
- **Call Sign**: YJWD5
- **Year Built**: 1984
- **Rebuilt**: Gdynia, Poland 2006 ($32 Mil USD)
- **Builder**: Tangen Verft, Tomrefjord, Norway
- **Tonnage GRT/NRT**: 2632/790
- **Vessel Service**: Accommodation/Utility Vessel - 1A1 ICE-IC HELDK-SH
- **Class**: DNV-GL

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PRINCIPAL PARTICULARS:
LENGTH OVER ALL (m): 66.00
LENGTH B.P. (m): 58.50
WIDTH (m): 14.50
DRAFT (m): 8.25
FRAME SPACING (m): 0.60

NUMBER OF PERSONS: 47