# LIFTBOAT “Vanessa”

**CLASS 200**  
**USCG CERTIFIED**  
**Official No.: 1247823**

## General Dimensions
- **Length (Overall):** 115' - 0"
- **Length (Barge Only):** 111' - 3"
- **Beam (Overall):** 74' - 0"
- **Beam (Barge Only):** 66' - 6"
- **Depth (Barge Only):** 10' - 0"
- **Open Deck Area:** 4500 Sq. Ft.

## Hull Characteristics
- **Gross Tonnage:** 190 Tons  
- **Net Tonnage:** 129 Tons  
- **Maximum Deck Cargo:** 700,000 lbs. (Estimated)

## Pads
- **Length:** 32' - 0"
- **Width:** 16' - 0"
- **Depth:** 2' - 0"
- **Configuration:** Raked

## Jacking
- **Max. Working Water Depth:** 163' - 0"
- **Max. Sea Conditions:** 5'  
- **(Jacking Up or Down):** 24
- **Total Jacking Rating:** 1183.5 S-Tons (Estimated)
- **Total Holding Rating:** 1578.1 S-Tons (Estimated)

## Legs
- **Quantity:** 3  
- **Length:** 200' - 0"
- **Size:** 66" O.D."  
- **WallThicknesses:** 3/4" to 1"

## Living Quarters
- **Crew Accommodations:** 7  
- **VIP Accommodations:** 2  
- **PACS Accommodations:** 34  
- **Total:** 43  
- **Central A/C and Heat:** Lounge with: Color TV, Sofas, and Lounge Seats  
- **Heads:** 10-All  
- **Levels:**  
- **Galley Seats:** 23  
- **Laundry:** 3  
- **Washers/Dryers:**

## Electronics
- **VHF, SSB, Loud Hailer, Radar, Fathometer, GPS, Tilt Alarm, Cap Rock Communication Package with 2 Phone Lines, 1 Fax Line, and Internet Access**

## Propulsion
- **(2) Main Engines:** CAT C18  
- **Reduction Gear:** TWIN DISC

## Generators
- **(2) 150kw Generators**  
- **Cat 6.6**

## Cranes
- **Port-125 Ton 100' Lattice Boom**  
- **Stbd-30 Ton 56' - 100' Telescopic Boom**

## Capacities
- **Fuel Oil (Approx.):** 9730 Gals.  
- **Potable Water (Approx.):** 15,194 Gals.
### MAIN HOIST
**RAM125 TON 100 FT BOOM**
**MAXIMUM SAFE WORKING LOAD**
"VANESSA"
**SERIAL NO. 125-100-3370**

<table>
<thead>
<tr>
<th>BOOM RADIUS (ft)</th>
<th>BOOM ANGLE (degrees)</th>
<th>ONBOARD RATING (X 1000 lbs)</th>
<th>OFFBOARD RATING (X 1000 lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>80</td>
<td>250.000</td>
<td>166.667</td>
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<tr>
<td>30</td>
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<td>107.573</td>
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<td>60</td>
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<td>114.360</td>
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<tr>
<td>65</td>
<td>55</td>
<td>102.360</td>
<td>68.240</td>
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<td>70</td>
<td>51</td>
<td>93.360</td>
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<tr>
<td>75</td>
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<td>41.360</td>
<td>27.573</td>
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### AUXILIARY HOIST
- Maximum safe onboard/offboard working load 12,000 lbs at all radii.
- Personnel rating all radii 3,500 lbs
- Personnel handling max. wave height 8 ft

### BASIS OF RATING:
- Load chart based on default dynamic method
- Main hoist personnel rating all radii 3,500 lbs
- Main hoist offboard max. wave height 3.5 ft
- Load chart radius measured from center of rotation to center of gravity of load.
- Onboard rating are for lifting and landing loads on the platform.
- Offboard rating are for lifting and landing loads on a floating vessel.
- Rating exclude weight of hook block, overhaul ball, slings and rigging.

### RIGGING:
- Main hoist is eight part reeving of 1-1/8" wire rope rotation resistant right regular lay with a minimum breaking strength of 160,000 lbs
- Auxiliary hoist is one part reeving of 3/4" wire rope rotation resistant right regular lay with a minimum breaking strength of 60,000 lbs
- Boom hoist is eleven part reeving of 1" wire rope 6x19 EEP IWRC right regular lay with a minimum breaking strength of 100,000 lbs
- Pendants: 2" wire rope 6x19 EEP IWRC right regular lay with a minimum breaking strength of 418,000 lbs ea.

### WEIGHTS
- Main hoist hook block weight 3,658 lbs
- Overhaul ball weight 200 lbs
### LOADING CHART

**EBI CRANE ELEVATING BOATS LLC**  
900 ST. BERNARD PKWY, BRAINTWORTH, LA 70040 USA  
PHONE: (504) 582-5245  
FAX: (985) 632-5771

**EBI CRANE**  
TC60B-56100X986  
RATING DETERMINED BY DEFAULT DYNAMIC METHOD

<table>
<thead>
<tr>
<th>Reach (Ft)</th>
<th>Fully Rot. 65° Max Reach</th>
<th>70° Reach</th>
<th>Extended 85° Reach</th>
<th>Extended 100° Reach</th>
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<tbody>
<tr>
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<td>Boom Arc Deg</td>
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**L/B Vanessa**  
(Rated at 100° Reach at 10,000 Lbs.)

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**INSTRUCTIONS:**  
1. ENGRAVE USING 0.020 CUTTER.  
2. DEBURR EDGES.  
3. STORE PART AS INSTRUCTED.

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**REVISIONS**

<table>
<thead>
<tr>
<th>Tolerance</th>
<th>Date</th>
<th>Loc. Code</th>
<th>Description</th>
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</tbody>
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**MATERIAL:**  
1/16" PLASTIC  
YELLOW BACK/BLACK LETTERS  
QTY: AS REQUIRED

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**EBI ELEVATING BOATS LLC**  
900 ST. BERNARD PKWY, BRAINTWORTH, LA 70040 USA  
TC60B-56100 LOAD CHART  
MARINE FAB. - S/N: TC60B-56100X986  
PART NUMBER: 10224445705

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Cut Off, LA 70354  
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11/1/2020