### Vessel Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement 1</th>
<th>Measurement 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length, Overall</td>
<td>192.6 ft</td>
<td>58.7 m</td>
</tr>
<tr>
<td>Beam</td>
<td>47.9 ft</td>
<td>14.6 m</td>
</tr>
<tr>
<td>Depth</td>
<td>18 ft</td>
<td>5.5 m</td>
</tr>
<tr>
<td>Maximum Draft</td>
<td>15.6 ft</td>
<td>4.8 m</td>
</tr>
<tr>
<td>Minimum Height</td>
<td>70.1 ft</td>
<td>21.3 m</td>
</tr>
<tr>
<td>Freeboard</td>
<td>2.4 ft</td>
<td>0.7 m</td>
</tr>
<tr>
<td>Displacement</td>
<td>2,790 lt</td>
<td>2,830 mt</td>
</tr>
<tr>
<td>Deadweight</td>
<td>1,270 lt</td>
<td>1,290 mt</td>
</tr>
<tr>
<td>Clear Deck Space</td>
<td>96 x 40 ft</td>
<td>29.3 x 12.3 m</td>
</tr>
<tr>
<td>Clear Deck Area</td>
<td>3,820 ft²</td>
<td>350 m²</td>
</tr>
<tr>
<td>Deck Strength</td>
<td>1,430 lb/ft²</td>
<td>7 t/m²</td>
</tr>
<tr>
<td>Class Notations</td>
<td>ABS: +A1, (E), +AMS, +DPS-2, FFV-1, OSV, AH, TOWING VESSEL, UWILD</td>
<td></td>
</tr>
</tbody>
</table>

**GMGSHI 60T Bollard Pull Anchor Handling Tug**

BOUTROS TIDE as shown

CHAYARI TIDE similar

Last update: 6/13/2016
### Deck Cargo
- 540 lt
- 550 t

### Fuel Oil
- 127,000 gal
- 480 m³

### Potable Water
- 66,700 gal
- 250 m³

### Drill/Ballast Water
- 97,600 gal
- 370 m³

### Bulk Tanks (4 tanks)
- 6,000 ft³
- 170 m³

### Liquid Mud (21 lbs/gal)
- 1,590 bbl
- 250 m³

### Oil Dispersant
- 3,570 gal
- 13.5 m³

### Fire Fighting Foam
- 3,570 gal
- 13.5 m³

### Main Engines (2):
- CAT 3516 BT-HD
- Total HP: 5,150

### Propellers (2):
- CPP, 4 BLADE

### Kort Nozzles:
- 2

### Primary Generators (3):
- 450 kw
- 410 v
- 50 Hz

Driven by:
- CAT C18

### Secondary Generators (2):
- 1000 kw
- 410 v
- 50 Hz

Driven by:
- Cummins PM 734C2

### Emergency Generators (1):
- 65 kw
- 410 v
- 50 Hz

Driven by:
- Kawasaki, KT-88B3 CPP

### Bow Thruster (2):
- 650kw Electric Motor

Total Thrust:
- 21.8 st
- 19.8 mt

### Stern Thruster (1):
- Kawasaki, KT-88B3 CPP

Driven by:
- 650kw Electric Motor

Total Thrust:
- 11 st
- 10 mt

### Winch:
- Hydraulic Waterfall Double-Drum (200T Brake)

### Model:
- MacGregor Plimsoll

### Line Pull:
- 150 mt

### Tow Wire:
- 3,280 m of 2.2 mm

### Work Wire:
- 3,280 m of 2.2 mm

### Pennant Reels (1):
- 1000 m of 56 mm

### Shark Jaw:
- 1 set @ 200MT SWL

### Tow Pins:
- 2 @ 200MT SWL

### Stern Roller:
- 5.0m x 1.6m DIA; 200 mt SWL

### Anchors (2):
- 1305kg High Holding Power

### Anchor Chain:
- 220 m of 36 mm chain per side

### Capstans (2):
- 5 t Electro-Hydraulic, 15m/min

### Tugger (2):
- 10 t Electro-Hydraulic, 15m/min

### Radar(s):
- 2

### Depth Sounder:
- 1

### Gyro Compass:
- 3

### Doppler Log:
- 1

### Radio:
- 3 x VHF

### Sat Com:
- 1xINMARSAT-C

### No of Berths:
- 42

### 1-man cabins: 2
### 2-man cabins: 4
### 4-man cabins: 8

### Certified to Carry:
- 42

### Galley seating:
- 27

### Hospital:
- Yes

### Anchors (2):
- 1305kg High Holding Power

### Anchor Chain:
- 220 m of 36 mm chain per side

### Capstans (2):
- 5 t Electro-Hydraulic, 15m/min

### Tugger (2):
- 10 t Electro-Hydraulic, 15m/min

### Bollard Pull:
- 68 st
- 62 mt

### Transfer Rates
- Fuel Oil: 620 gpm @ 250 ft
- 140 m³/h @ 75 m
- Drill/Ballast Water: 440 gpm @ 250 ft
- 100 m³/h @ 75 m
- Bulk: 25 cfm @ 180 ft
- 42.5 m³/h @ 56 m
- Liquid Mud: 310 gpm @ 250 ft
- 70 m³/h @ 75 m

### Deck Equip.

### Nav/Comms Equip.

### Special Equip.
- Firefighting:
  - FiFi-1
- Dynamic Positioning:
  - DP-2 CLASSED
- Ref. Systems:
  - 2 x MRU; 2 x DGPS
- Water Maker:
  - 5T/day
- Mud Circulation System:
  - Yes
- Rescue Boat:
  - 15-Man FRC

### Flag:
- VANUATU

### IMO No.:
- 9589061

### Year Built:
- 2011

### Builder:
- GUANGXIN SHIPBUILDING

### Call Sign:
- YJQX9

### Tonnage (ITC):
- 1476 GT
- 442 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.