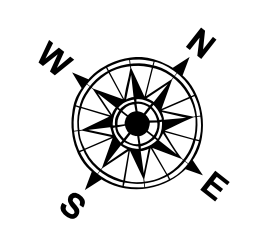
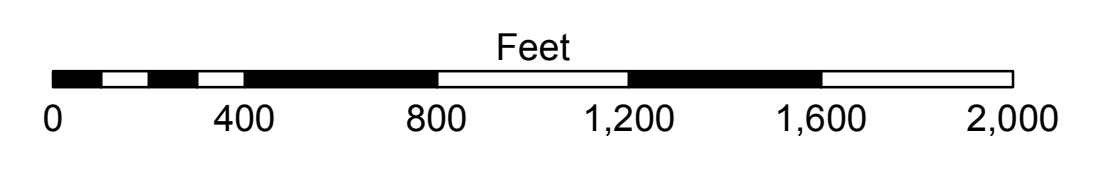


LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -8' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -8' to -12'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -12' to -15'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -15' and below
— Project Depth Contour	✈ Wrecks-Submerged	◆ Green Navigation Buoy	



Gage Reading: GRAND ISLAND: 1.8 MLG AVG.
 Sea Conditions: CALM
 Vessel Name: M/V OB 189
 Survey Type: CONDITION
 Sounding Frequency***: HIGH



NOTES:
 Horizontal Coordinate System:
 North American Datum of 1983 (NAD83), projected to the State Plane
 Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.
 Vertical Datum:
 Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG).
 Datum Relationships for gage 88410 as of July 2014:
 0.0' NAVD83 (2005.55) = 0.08' MLLW = 1.33' MLG or 0.0' MLLW = 1.25' MLG
 Distances on the Barataria Waterway are shown at 1 mile intervals.
 The location of navigation aids are base on and provided by the U.S. Coast Guard
 and USACE survey crews.
 2010 Aerial Photography data source: NAIP
 Reference is N.O.A. Navigation Chart No. 11365.
 ** Shoalest Sounding per Quarter per Reach.
 *** High frequency (200 kHz) survey data represents the first signal return at a sounding
 location and will include suspended solids, known as "fluff", if present. Low frequency (20 kHz)
 survey data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom
 material. Low frequency accuracies may vary depending on channel conditions and fathometer
 settings.



DISCLAIMER
 The information depicted on this map represents the results of a
 survey conducted for a specific project and is not intended to be used for any other
 purpose. The user is responsible for the accuracy, completeness, and
 timeliness of the data for their intended use. The user is responsible for the
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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: DR, SR	Plotted By: BTD
Recommended:	Checked By: DCS	Checked By: DCS
Approved:	Chart, Waterways Maintenance Section	

**BARATARIA WATERWAY
 BAYOU RIGAUD
 BW_19_RIG_20141223
 23 December 2014**

**Sheet
 Reference
 Number
 19 of 20**