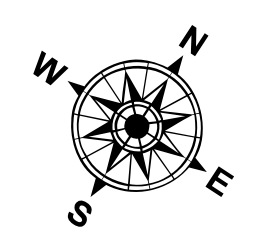
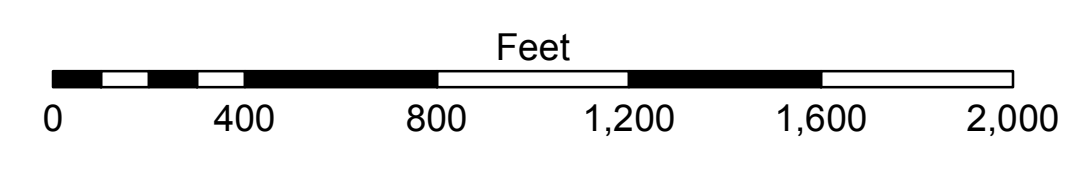


LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -8' and above
— Federal Navigation Center Line	■ Placement Area	● Shoalest Sounding**	■ -8' to -12'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -12' to -15'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ 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 66410 as of July 2014.
 0.0' NAVD83 (2003.55) = 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.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 United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally prepared, and that the data are not to be used for any purpose other than that for which they were originally prepared. The user is responsible for the results of any use of the data for other than its intended purpose.
 Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any use of the data for other than its intended purpose.
 Data: Constants: Hydrographic survey data is subject to change due to several factors including but not limited to dredging, accretion, and other factors. The recipient may not transfer these data to others without also transferring this Disclaimer. The information depicted on the map represents the results of a survey conducted on the date of the survey. It is not to be used for any purpose other than that for which it was intended. The recipient may not transfer these data to others without also transferring this Disclaimer. The information depicted on the map represents the results of a survey conducted on the date of the survey. It is not to be used for any purpose other than that for which it was intended. The recipient may not transfer these data to others without also transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	Surveyed By: DR, SR	Plotted By: BTD	Checked By: DCS
Recommended:	Chart, Survey Section		
Approved:	Chart, Waterways Maintenance Section		

BARATARIA WATERWAY
BAYOU RIGAUD
BW_20_RIG_20141223
23 December 2014

Sheet Reference Number
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