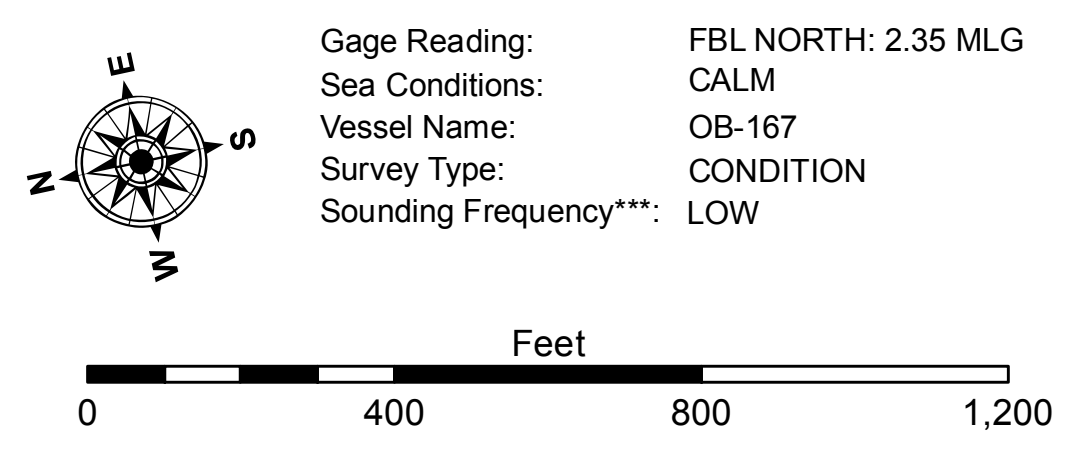


LEGEND

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



Gage Reading: FBL NORTH: 2.35 MLG
 Sea Conditions: CALM
 Vessel Name: OB-167
 Survey Type: CONDITION
 Sounding Frequency***: LOW

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 76592 / 76593 as of August 2011:
 0.0' NAVD83 (2006.81) = 0.9' MLLW = 1.9' MLG or 0.0' MLLW = 1.0' MLG
 Distances on the Freshwater Bayou 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. 11350.
 ** 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 by the United States Army Corps of Engineers
 and is not to be used for any purpose other than that for which
 it was prepared. The user is responsible for the results of
 any application of the data for other than its intended
 purpose. The Corps of Engineers does not accept responsibility for
 the hydrographical conditions when developed after the date of
 the survey. Product maintainers should not rely solely upon it.
 Access Constraints: 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 prepared, and that the data are not
 to be used for any purpose other than that for which they were
 prepared. The user is responsible for the results of any application
 of the data for other than its intended purpose. The Corps of
 Engineers does not accept responsibility for the hydrographical
 conditions when developed after the date of the survey. Product
 maintainers should not rely solely upon it.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: SPPM
Recommended: Chief, Survey Section	Plotted By: BD
Approved: Chief, Waterways Maintenance Section	Checked By: AC

**FRESHWATER BAYOU
 LOWER CHANNEL
 FB_08_LWR_20161021
 21 October 2016**

**Sheet
 Reference
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