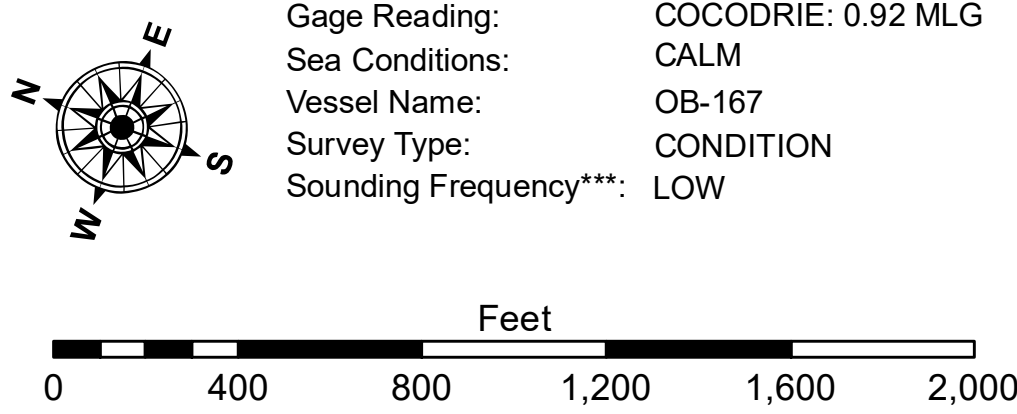


LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	-12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	-12' to -15'
— As-built Pipeline/Cable	□ Anchorage Area	☆ Beacon, General	-15' to -18'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	-18' and below
— Project Depth Contour	✈ Wrecks-Submerged	◆ Green Navigation Buoy	



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 76305 as of August 2014:
0.0' NAVD88 (OPUS 2010) = 0.42' MLLW (2007-2011) = 1.34' MLG
Distances on the Houma Nav. Canal 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.
2015 Aerial Photography data source: NAIP
Reference is N.O.A.A. Navigation Chart No. 11355.
** 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.



Access/Use: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are not to be used for any purpose other than that for which they were prepared, or applied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results obtained from the application 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 obtained from the application of the data for other than its intended purpose.
Date Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and changing and scouring probability for changes in the hydrographical conditions which develop after the date of the survey. The data is not to be used for navigation purposes without the approval of the Corps of Engineers. Product maintainers should not rely solely upon it.

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

**HOUMA NAVIGATION CANAL
BAY CHANNEL
HN_14_BAY_20171220_CS
20 December 2017**

**Sheet
Reference
Number
14 of 19**