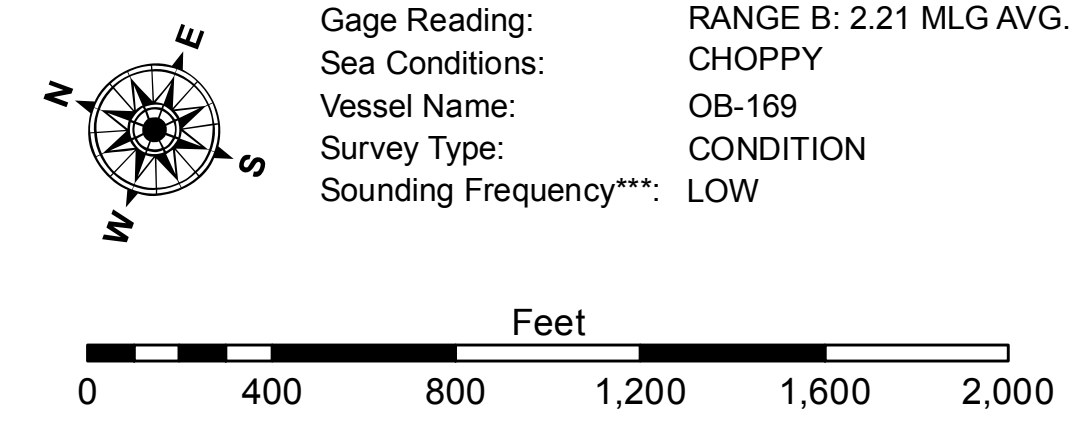


| LEGEND | | | |
|----------------------------------|---------------------|---------------------------|----------------|
| --- Federal Navigation Channel | ○ Cable Area | 3 Fluff Thickness (feet)* | -12' and above |
| — Federal Navigation Center Line | □ Placement Area | ● Shoalest Sounding** | -12' 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.
 * Difference between high and low frequency elevations where greater than 1.0'.
 ** 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 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 their application of the data for other than its intended purpose.
 Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, sedimentation, and other factors. The user is responsible for the results of their application of the data for other than its intended purpose.
 The information depicted on this map represents the results of a survey conducted on the date shown. It is not intended to represent the general condition existing at that time.
 Internal use. Product maintainers should not rely upon it.

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

**HOUMA NAVIGATION CANAL
 BAY CHANNEL
 HN_15_BAY_20211015_CS
 15 October 2021**

**Sheet Reference Number
 15 of 19**