



**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	

Gage Reading: COCODRIE: 2.1 MLG AVG  
 Sea Conditions: CALM  
 Vessel Name: M/V OB167  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: LOW

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.



**DISCLAIMER:** The data represented on this map were derived from a variety of sources, including aerial photography, hydrographic surveys, and other data. The Corps of Engineers does not warrant the accuracy or completeness of the data or the results of the survey. The user is responsible for the use of the data for any purpose other than that for which it was collected. The Corps of Engineers does not accept responsibility for any damage or injury resulting from the use of the data. The information depicted on this map represents the results of a survey conducted in accordance with the standards of the Corps of Engineers. The information is for informational purposes only and should not be used for any other purpose.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Surveyed By: PMS/PS	Plotted By: AO	Checked By: AC
Submittal:	Chief Survey Section	Chief Waterways Maintenance Section

**HOUMA NAVIGATION CANAL  
BAY CHANNEL**  
 HN\_12\_BAY\_20170903\_CS\_POSTSTORM  
 03 September 2017

**Sheet Reference Number**  
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