



**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 based 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 bathymeter settings.

Gage Reading: PETIT CAILLOU: 2.4 MLG AVG  
Sea Conditions: 1-2' SEAS  
Vessel Name: OB-189  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: LOW

**Scale:** 0 to 2,000 Feet

**Compass:** North arrow pointing up.

US Army Corps of Engineers  
District: CEMVN

**DISCLAIMER:**

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, and that the use of these data for any other purpose is at the user's risk. The user is responsible for the results of their use. The information depicted on this map represents the results of a survey conducted in accordance with the provisions of the Hydrographic Survey Act of 1908 and the Hydrographic Survey Act of 1925. The user is responsible for the results of their use. The information depicted on this map represents the results of a survey conducted in accordance with the provisions of the Hydrographic Survey Act of 1908 and the Hydrographic Survey Act of 1925. The user is responsible for the results of their use.

**U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT**

Submitted:	Surveyed By: SP-JH	Plotted By: AO	Checked By: AO
Recommended:	Chart Survey Section		
Approved:	Chief, Waterways Maintenance Section		

**HOUMA NAVIGATION CANAL  
BAR CHANNEL  
HN\_17\_BAR\_20180808\_CS\_X  
08 August 2018**

**Sheet Reference Number  
17 of 19**

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3.13-20160811