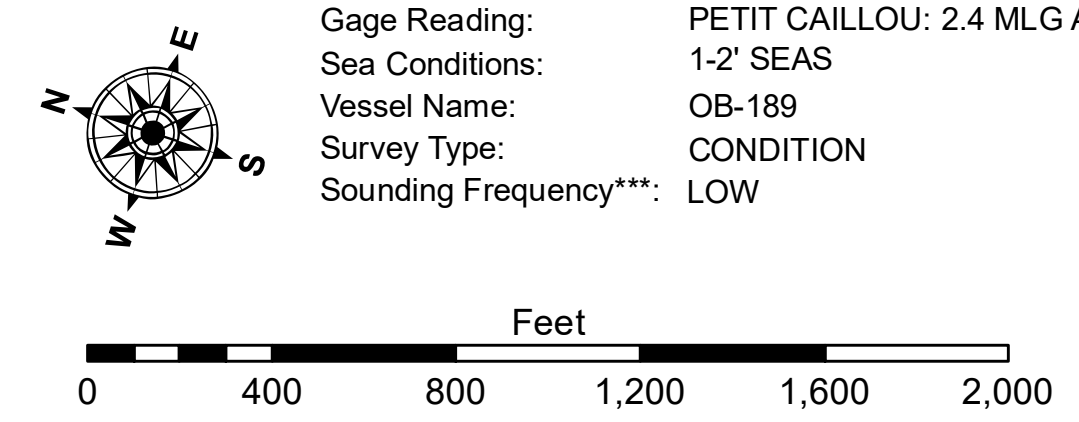


LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -12' to -15'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -15' to -18'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ 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 Relationship 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 the results of a specific US Army Corps of Engineers project. The data are not intended to be used for any purpose other than that for which they were collected. The user is responsible for the results of any application of the data for other than its intended purpose. The US Army Corps of Engineers does not assume any liability for damages or injury resulting from the use of the data. The information depicted on this map represents the results of a survey conducted on or about the date of the survey. The information is not intended to be used for any purpose other than that for which it was collected. The user is responsible for the results of any application of the data for other than its intended purpose. The US Army Corps of Engineers does not assume any liability for damages or injury resulting from the use of the data. The information depicted on this map represents the results of a survey conducted on or about the date of the survey. The information is not intended to be used for any purpose other than that for which it was collected. The user is responsible for the results of any application of the data for other than its intended purpose. The US Army Corps of Engineers does not assume any liability for damages or injury resulting from the use of the data.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	SP-JH	Plotted By:	AO
Recommended:	Chart Survey Section	Checked By:	AO
Approved:	Chief, Waterways Maintenance Section		

**HOUMA NAVIGATION CANAL
 BAR CHANNEL
 HN_18_BAR_20180808_CS_X
 08 August 2018**

**Sheet Reference Number
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