



**LEGEND**

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -6' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -6' to -8'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -8' to -15'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -15' to -20'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -20' to -25'
			■ -25' to -30'
			■ -30' and below

Gage Reading: RUTH CANAL: 8.8 NGVD  
 Sea Conditions: CALM  
 Vessel Name: M/V OB-189  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: HIGH

Vertical Datum:  
 Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG).  
 The location of navigation aids are base on and provided by the U.S. Coast Guard.  
 2015 Aerial Photography data source: NAIP: 1998 DOQQ imagery shown in green from USGS.  
 Reference is N.O.A.A. Navigation Chart No. 11350.  
 \*\*\* 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 information depicted on this map represents the results of a survey conducted on the ground. The information is not intended to represent the general condition existing at that time.  
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not intended for any purpose other than that for which they were collected. The user is responsible for the results of any use of the data for other than its intended purpose.  
 Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions when developed after the date of the survey. The user is responsible for the results of any use of the data for other than its intended purpose.  
 The information depicted on this map represents the results of a survey conducted on the ground. The information is not intended to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: DR, PM
Recommended: Chief, Survey Section	Plotted By: AC
Approved: Chief, Waterways Maintenance Section	Checked By: AC

**BAYOU TECHE  
 KEYSTONE TO ARNAUDVILLE  
 TC\_61\_K2A\_20090903  
 03 September 2009**

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