



**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

**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).

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.

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

0 Feet 500 1,000

**US Army Corps of Engineers**  
District: CEMVN

**DISTRIBUTION LIABILITY:** The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. The user is responsible for the accuracy, completeness, timeliness, and accuracy of the data for its intended use. The user is responsible for the results of the 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: changing hydrography, changing bathymetry, and changing water levels. The US Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions when developed after the date of the survey. Product maintainers should not rely solely upon this information.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

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

**BAYOU TECHE**  
**KEYSTONE TO ARNAUDVILLE**  
**TC\_64\_K2A\_20090903**  
**03 September 2009**

**Sheet Reference Number**  
**64 of 74**