



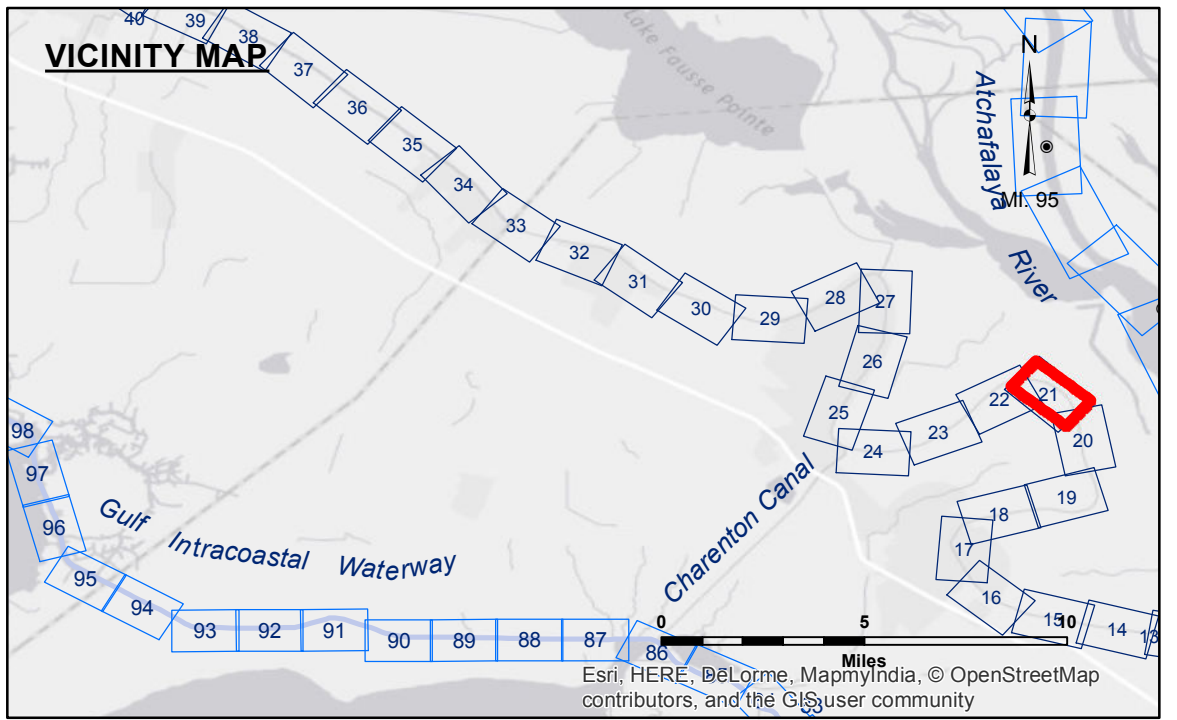
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**Data Constraints:** Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrographic conditions when develop after the date of the survey. The user is responsible for the results of any use of the data for other than its intended purpose. The user is responsible for the results of any use of the data for other than its intended purpose.

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

**BAYOU TECHE  
WAX LAKE TO CHARENTON  
TC\_21\_W2C\_20101103  
03 November 2010**



LEGEND	
--- Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	□ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	★ Wrecks-Submerged
□ Borrow Area	★ Beacon, General
● Shoalest Sounding**	◆ Red Navigation Buoy
◆ Green Navigation Buoy	

■ -6' and above
■ -6' to -8'
■ -8' to -15'
■ -15' to -20'
■ -20' to -25'
■ -25' to -30'
■ -30' and below

**Gage Reading:** CALUMET W: 2.5 MLG  
**Sea Conditions:** CALM  
**Vessel Name:** MV 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.  
 Reference is N.O.A.A. Navigation Chart No. 11350.  
 \*\*\* Shoalest Sounding per Quarter per Reach.

**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.

**Sheet  
Reference  
Number  
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