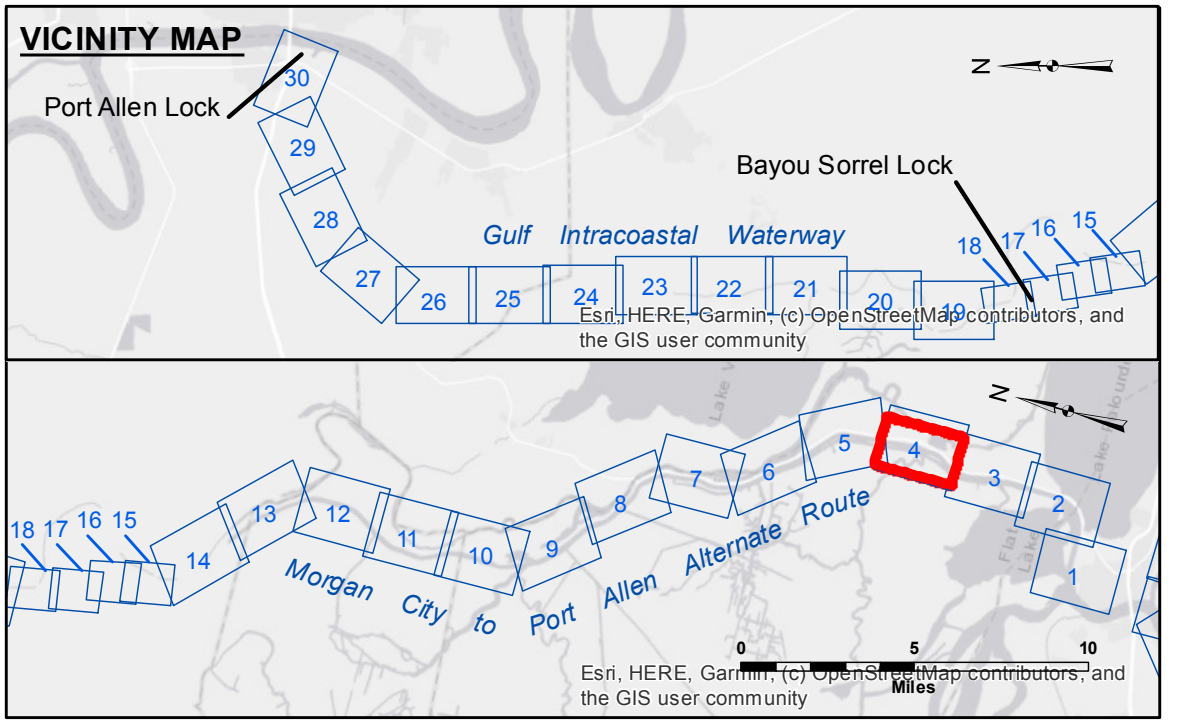


**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information furnished. The user is responsible for the results obtained from the use of this information. Application of the data for other than its intended purpose is at the user's risk. The user is responsible for the results obtained from the use of this information. Application of the data for other than its intended purpose is at the user's risk. The user is responsible for the results obtained from the use of this information. Application of the data for other than its intended purpose is at the user's risk.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: RYLAND/HOSHMAN
Recommended:	Plotted By: BD
Approved:	Checked By: AC

**GULF INTRACOASTAL WATERWAY**  
MORGAN CITY TO PORT ALLEN ROUTE  
MP\_04\_A2S\_20200505\_CS  
05 May 2020



LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -12' and below
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	

Gage Reading: VRS: 9.31 MLG AVG.  
Sea Conditions: CALM  
Vessel Name: OB-189  
Survey Type: CONDITION  
Sounding Frequency\*\*\*: HIGH

**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).  
Distances on the G.I.W.W. 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. Navigation Chart No. 11354.  
\*\* 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  
4 of 30  
Revision Number:  
4.0-201 9/7/02