

**DISTRICT: CEMV**

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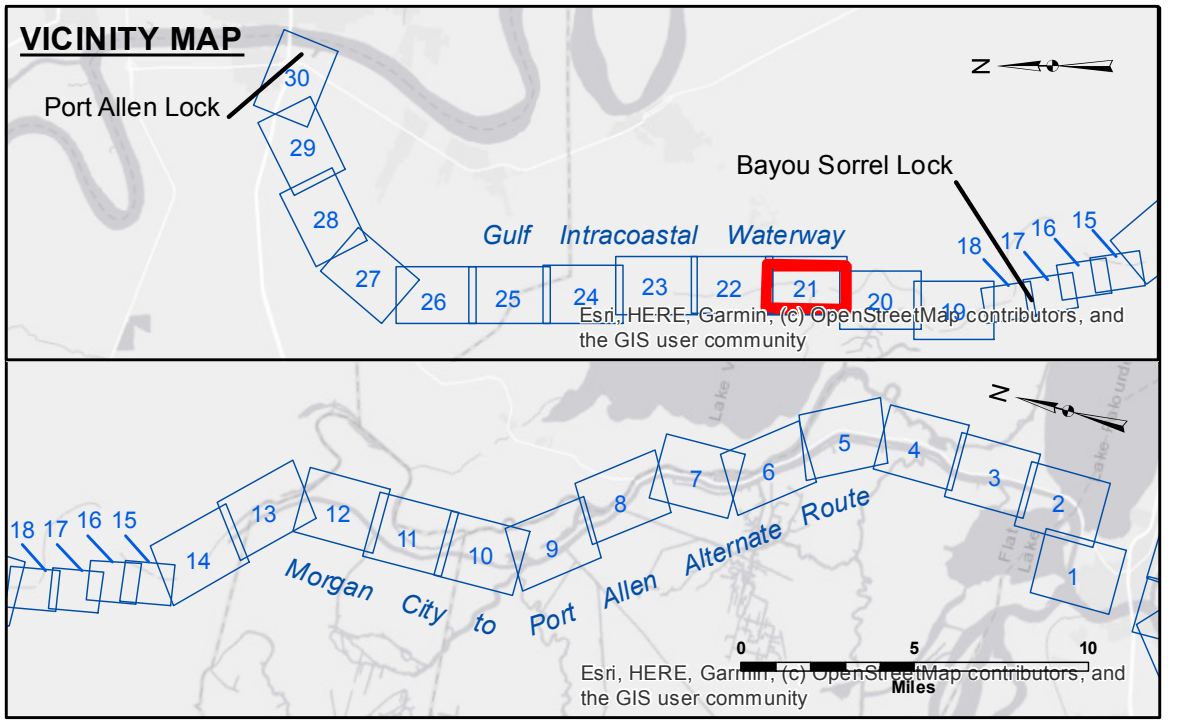
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**Data Constraints:** Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, sedimentation, and changes in bathymetry. The user is responsible for verifying the accuracy of the data for their intended purpose.

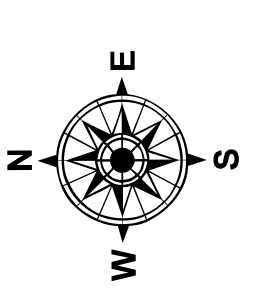
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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By:	DUSJH
Recommended:	Plotted By:	AO
Approved:	Chief, Survey Section	AO
	Chief, Waterways Maintenance Section	AO

**GULF INTRACOASTAL WATERWAY**  
**MORGAN CITY TO PORT ALLEN ROUTE**  
**MP\_21\_S2P\_20200422\_CS**  
**22 April 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	

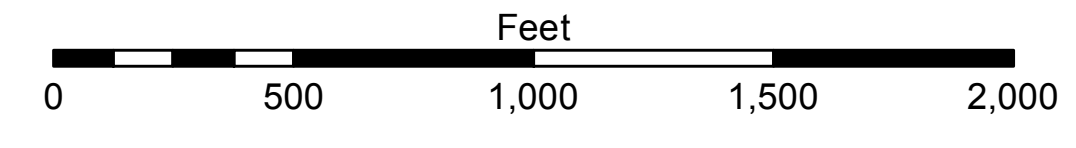


Gage Reading: BSL PS: 4.93 MLG  
 Sea Conditions: SMOOTH  
 Vessel Name: OB189  
 Survey Type: CS  
 Sounding Frequency\*\*\*: HIGH

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.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**  
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