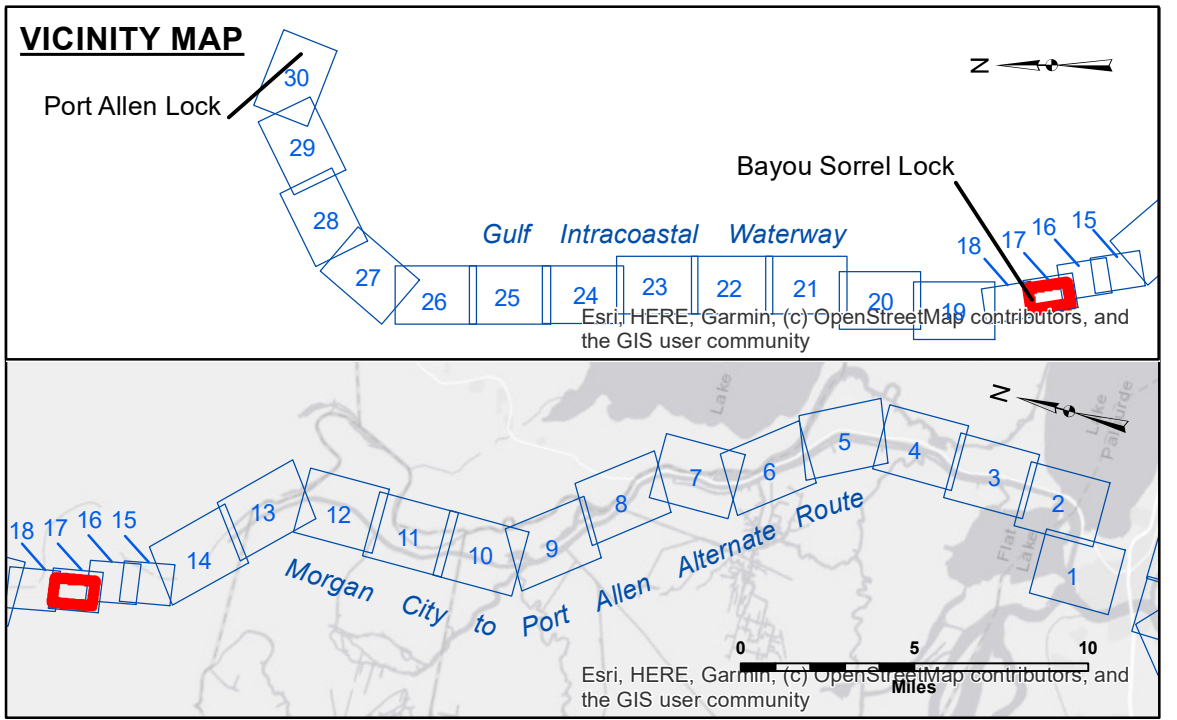


Sheet 18

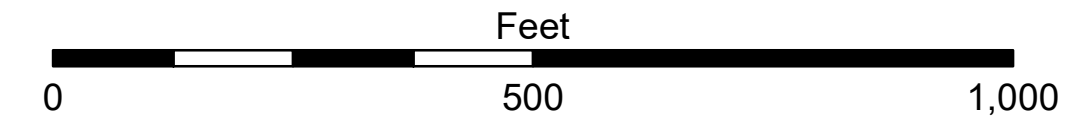
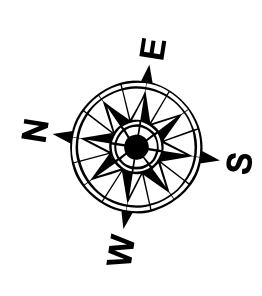
Sheet 16

BAYOU SORREL FLOODSIDE
+69308 (0.0' GAGE =
0.78' MLG = -1.21'
NAVD88, OPUS 2010)



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: BS LOCK: 3.93 MLG
Sea Conditions: CALM
Vessel Name: OB-167
Survey Type: CONDITION
Sounding Frequency***: HI

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 base on and provided by the U.S. Coast Guard and USACE survey crews.
2010 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.



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Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing hydrological conditions which develop after the date of the survey. The US Army Corps of Engineers accepts no responsibility for changes in the hydrological conditions which develop after the date of the survey. Prudent mariners should not rely solely upon it.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: PM, JA	Checked By: AC
Recommended: Chert, Survey Section	Plotted By: BD	
Approved:	Chert, Waterways Maintenance Section	

**GULF INTRACOASTAL WATERWAY
MORGAN CITY TO PORT ALLEN ROUTE
MP_17_BSO_20220913_CS
13 September 2022**

**Sheet Reference Number
17 of 30**