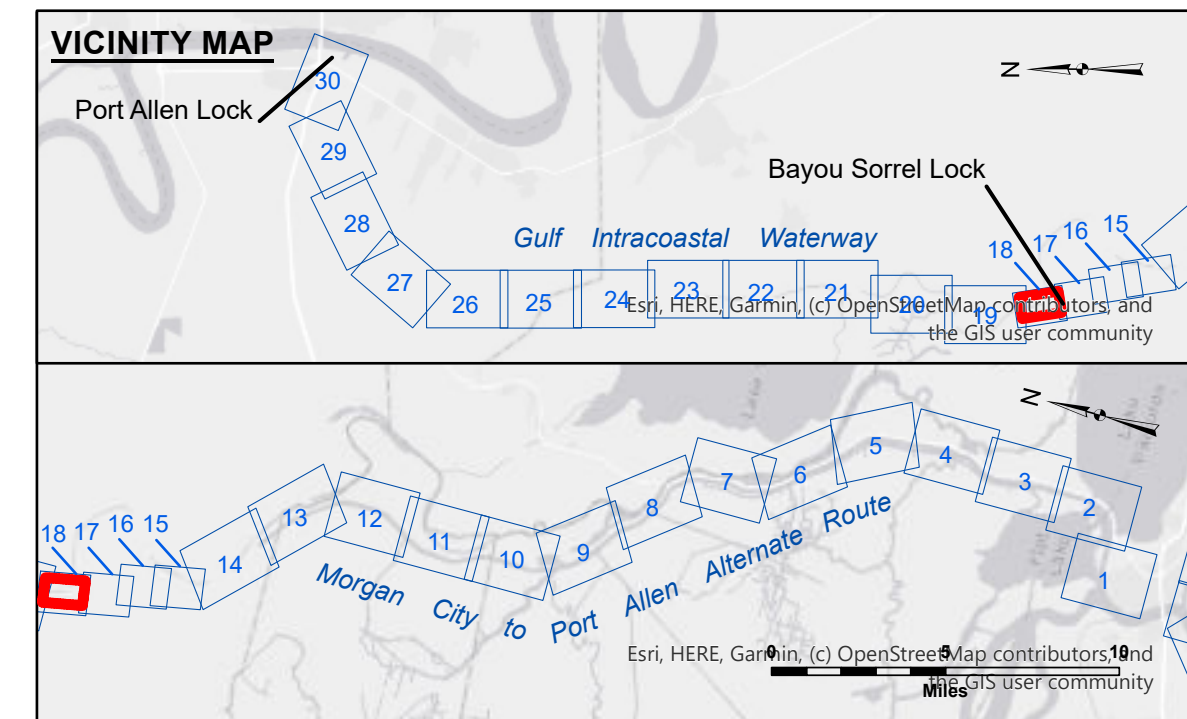
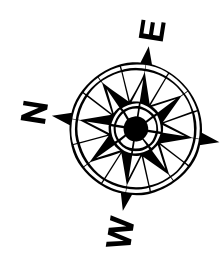
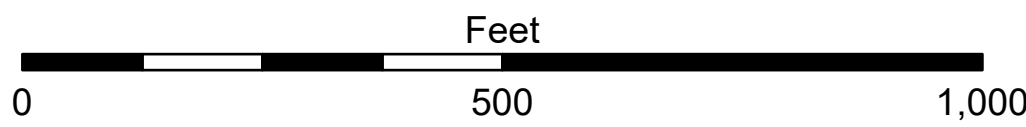




LEGEND			
--- Federal Navigation Channel	Cable Area	Borrow Area	-12' and above
— Federal Navigation Center Line	Placement Area	Shoalest Sounding**	-12' and below
As-built Pipeline/Cable	Anchorage Area	Beacon, General	
..... Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy	
— Project Depth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



Gage Reading: BSL NORTH VRN: 4.1 MLG AVG.
Sea Conditions: CHOPPY
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 base on and provided by the U.S. Coast Guard and USACE survey crews.

2021 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.



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

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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted _____	Reviewed By: SPKC _____
Recommended: Chief, Survey Section _____	Plotted By: BD _____
Approved: Chief, Waterways Maintenance Section _____	Checked By: AOJ/H _____

**GULF INTRACOASTAL WATERWAY
MORGAN CITY TO PORT ALLEN ROUTE
MP_18_BSO_20250319_CS
19 March 2025**

Sheet
Reference
Number
18 of 30