























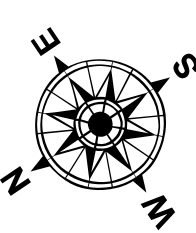
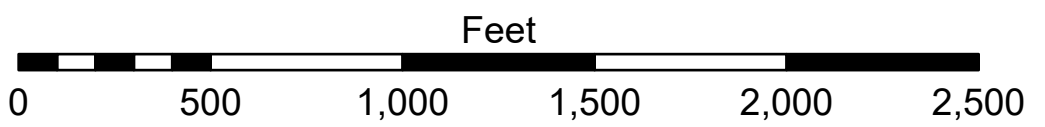


| LEGEND  |                                |   |                         |
|---|--------------------------------|---|-------------------------|
|  | Federal Navigation Channel     |  | Cable Area              |
|  | Federal Navigation Center Line |  | Placement Area          |
|  | As-built Pipeline/Cable        |  | Anchorage Area          |
|  | Unconfirmed Pipeline/Cable     |  | Obstruction Point       |
|  | Project Depth Contour          |  | Wrecks-Submerged        |
|   |                                |  | Fluff Thickness (feet)* |
|   |                                |  | Borrow Area             |
|   |                                |  | Shoalest Sounding**     |
|   |                                |  | Beacon, General         |
|   |                                |  | Red Navigation Buoy     |
|   |                                |  | Green Navigation Buoy   |
|   |                                |  | -10' and above          |
|   |                                |  | -10' to -20'            |
|   |                                |  | -20' to -30'            |
|   |                                |  | -30' to -40'            |
|   |                                |  | -40' to -45'            |
|   |                                |  | -45' to -50'            |
|   |                                |  | -50' to -55'            |
|   |                                |  | -55' and below          |



Gage Reading: 1.0 MLLW @ LIGHT 21 @ 1030  
Sea Conditions: CALM  
Vessel Name: OB-173  
Survey Type: CONDITION, SB  
Sounding Frequency\*\*\*: LOW



**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 Lower Low Water (MLLW, 12-15).  
Datum Relationships for gage 01575 as of March 2020:  
0.0' NAVD88, 2009.55 = 0.10' MLLW = 3.60' MLG

Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard.

2024 Aerial Photography data source: Optimal GEO (1998 DOQQ in green)

Reference is N.O.A.A. Navigation Chart No. 11361.

**\*\* 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 (24 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 bathymetric settings.**



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

|  |   |  |
|--|---|--|
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|--|--|---|---------------------------|
| U.S. ARMY CORPS OF ENGINEERS<br>NEW ORLEANS DISTRICT |  | Submitted: _____                              | Reviewed By:<br>JJC & DBD |
|  |  | Recommended: Chief Survey Section             | Plotted By:<br>TSS        |
|  |  | Approved: Chief Waterways Maintenance Section | Checked By:<br>MSK        |

MISSISSIPPI RIVER - B.R. TO GULF  
SOUTHWEST PASS - SHEET 8  
SW\_08\_SWPX\_20250318\_CS  
18 March 2025

**Sheet  
Reference  
Number**  
**8 of 13**

Revision Number:  
5.23.12.3-5.23.12.3