

DREDGE GLENN EDWARDS  
DREDGING FUL CHANNEL WIDTH  
STA. 545+00 O STA. 710+00 SHEETS 8 \* 9



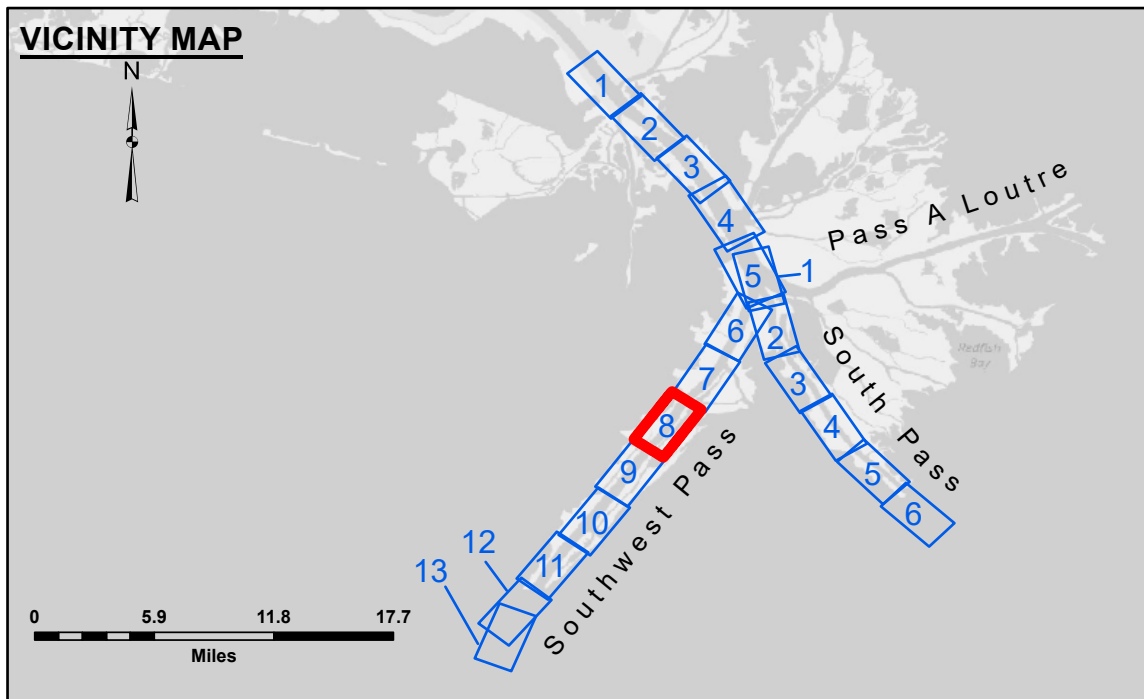
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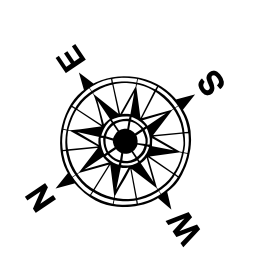
|                                      |              |             |
|--------------------------------------|--------------|-------------|
| Submitted:                           | Surveyed By: | Checked By: |
| Recommended:                         | Plotted By:  | Approved:   |
| Chief, Survey Section                | RSL          | MSK         |
| Other, Waterways Maintenance Section |              |             |

**MISSISSIPPI RIVER - B. R. TO GULF  
SOUTHWEST PASS - SHEET 8  
SW\_08\_SWPX\_20240718\_CS**  
18 July 2024

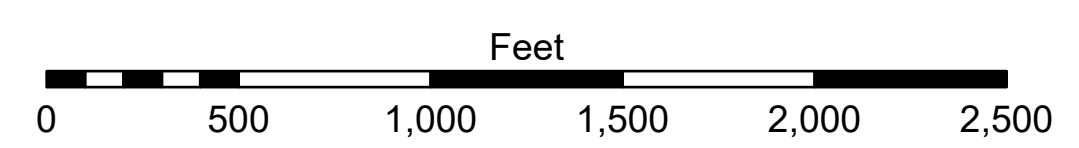
**Sheet  
Reference  
Number  
8 of 13**



| LEGEND                           |                     | 3 Fluff Thickness (feet)* |                       |
|----------------------------------|---------------------|---------------------------|-----------------------|
| --- Federal Navigation Channel   | ○ Cable Area        | Blue                      | -10' and above        |
| — Federal Navigation Center Line | □ Placement Area    | Light Blue                | -10' to -20'          |
| — As-built Pipeline/Cable        | □ Anchorage Area    | Yellow                    | -20' to -30'          |
| ..... Unconfirmed Pipeline/Cable | ⊗ Obstruction Point | Orange                    | -30' to -40'          |
| — Project Depth Contour          | ⚓ Wrecks-Submerged  | Light Green               | -40' to -45'          |
|                                  |                     | Green                     | -45' to -50'          |
|                                  |                     | Light Blue                | -50' to -55'          |
|                                  |                     | Dark Blue                 | -55' and below        |
|                                  |                     | Blue                      | Borrow Area           |
|                                  |                     | Yellow                    | Shoalest Sounding**   |
|                                  |                     | Star                      | Beacon, General       |
|                                  |                     | Red Diamond               | Red Navigation Buoy   |
|                                  |                     | Green Diamond             | Green Navigation Buoy |



Gage Reading: 1.3 MLLW @ LIGHT 21 (01575) @ 1100  
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: 1.3 MLLW @ LIGHT 21 (01575) @ 1100  
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' NAVD83, 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 fathometer settings.