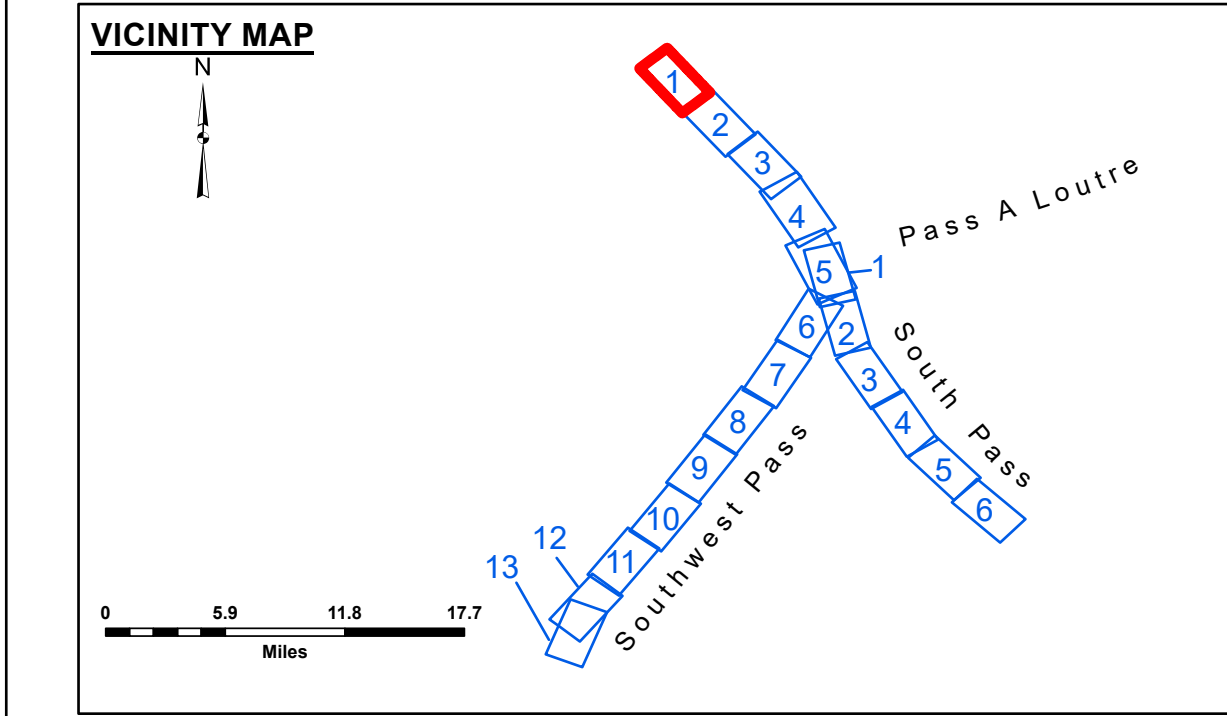
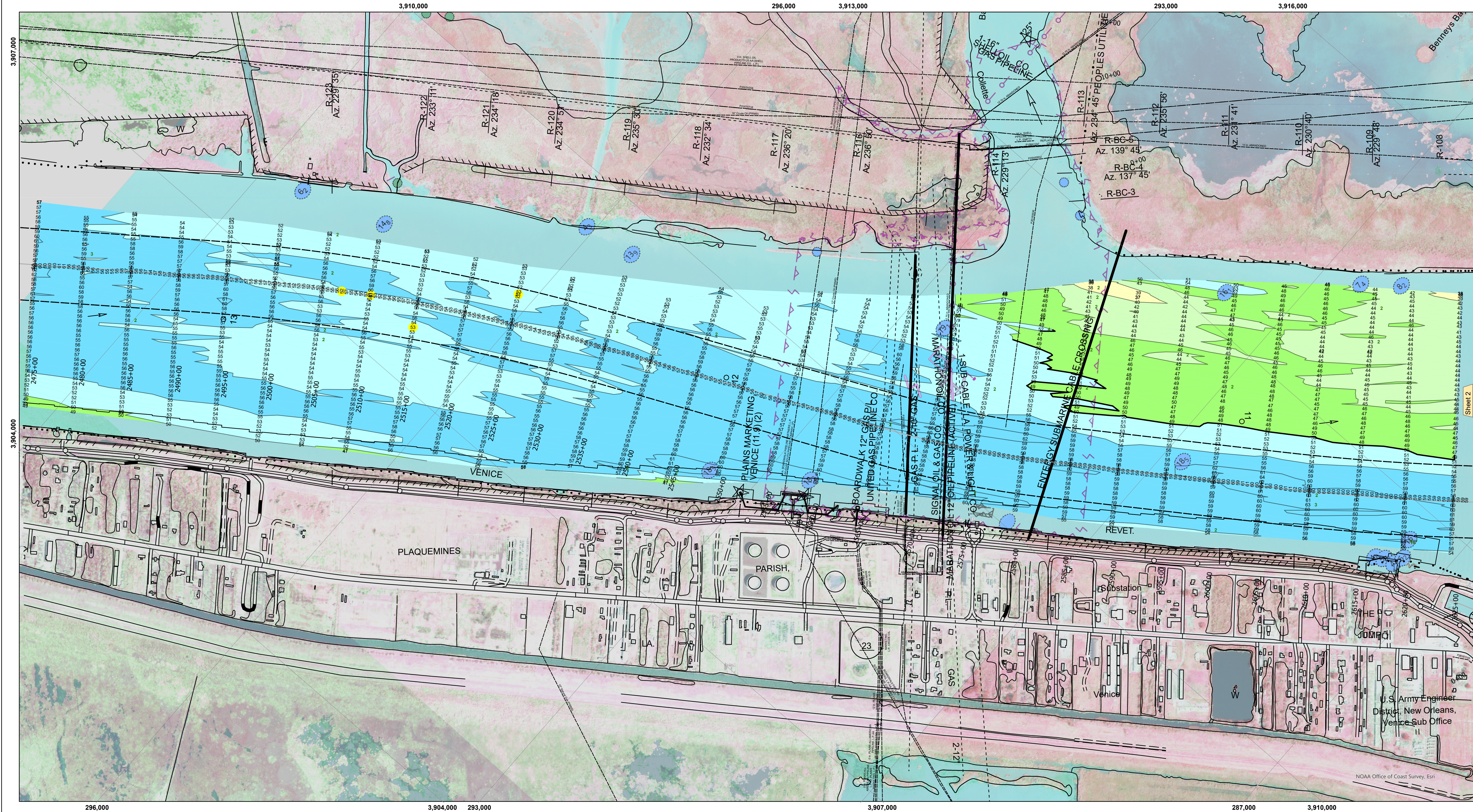




**LEGEND**

--- Federal Navigation Channel

— Federal Navigation Center Line

— As-built Pipeline/Cable

..... Unconfirmed Pipeline/Cable

— Project Depth Contour

○ Cable Area

□ Placement Area

□ Anchorage Area

⊗ Obstruction Point

★ Wrecks-Submerged

3 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: 1.4 MLLW @ VENICE @ 0850  
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, 12-16). Datum Relationships for gage 01480 as of March 2020: 0.0' NAVD83, 2009.55 = -0.53' MLLW = 2.97' 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.

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

MISSISSIPPI RIVER - B.R. TO GULF  
SOUTHWEST PASS - SHEET 1  
SW\_01\_SWPX\_20250416\_CS\_B2B  
16 April 2025

Sheet  
Reference  
Number  
1 of 13

Revision Number:  
5.23.12.3-5.23.12.3

US Army Corps  
of Engineers  
District: CEMVN

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