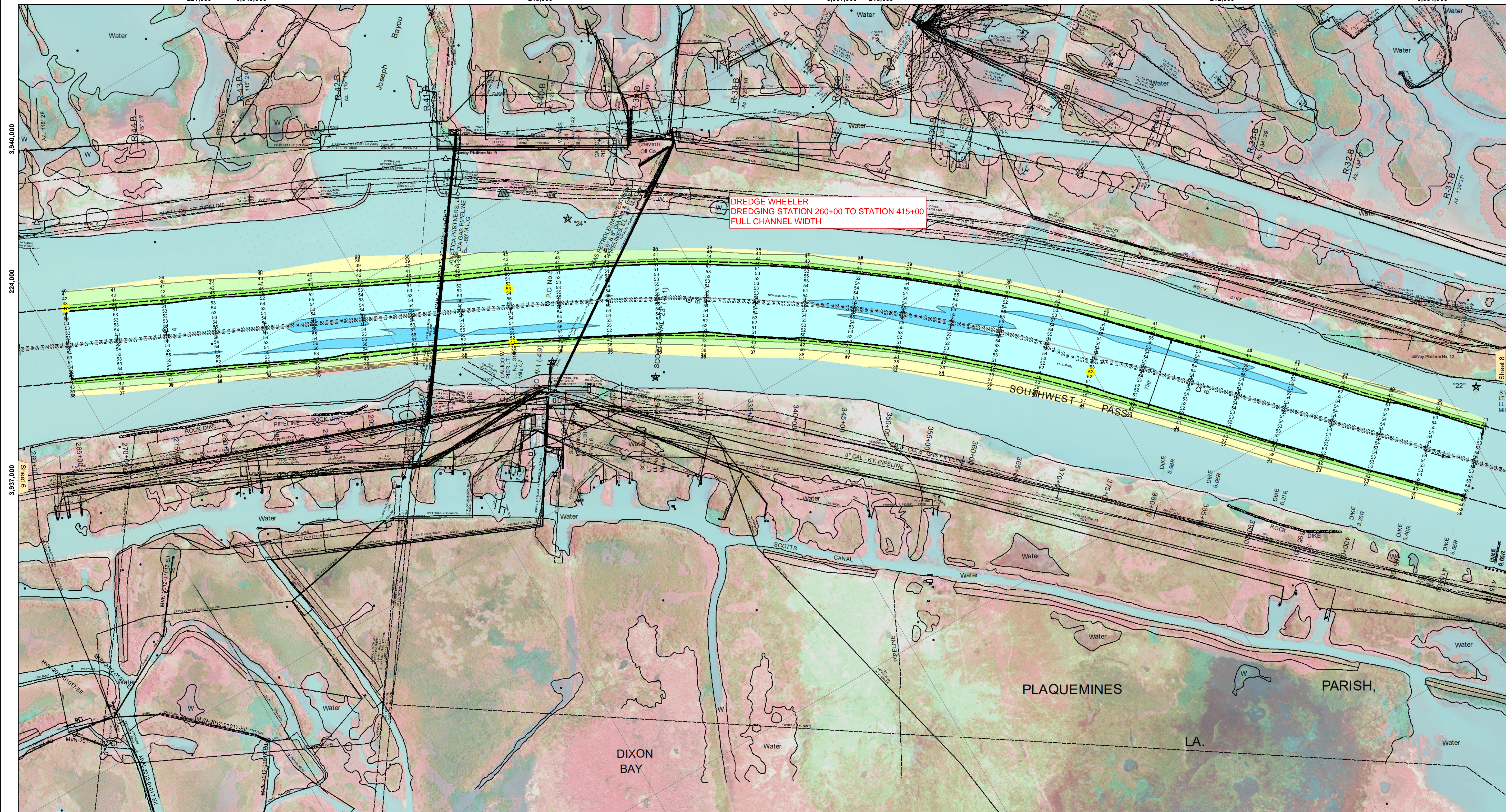
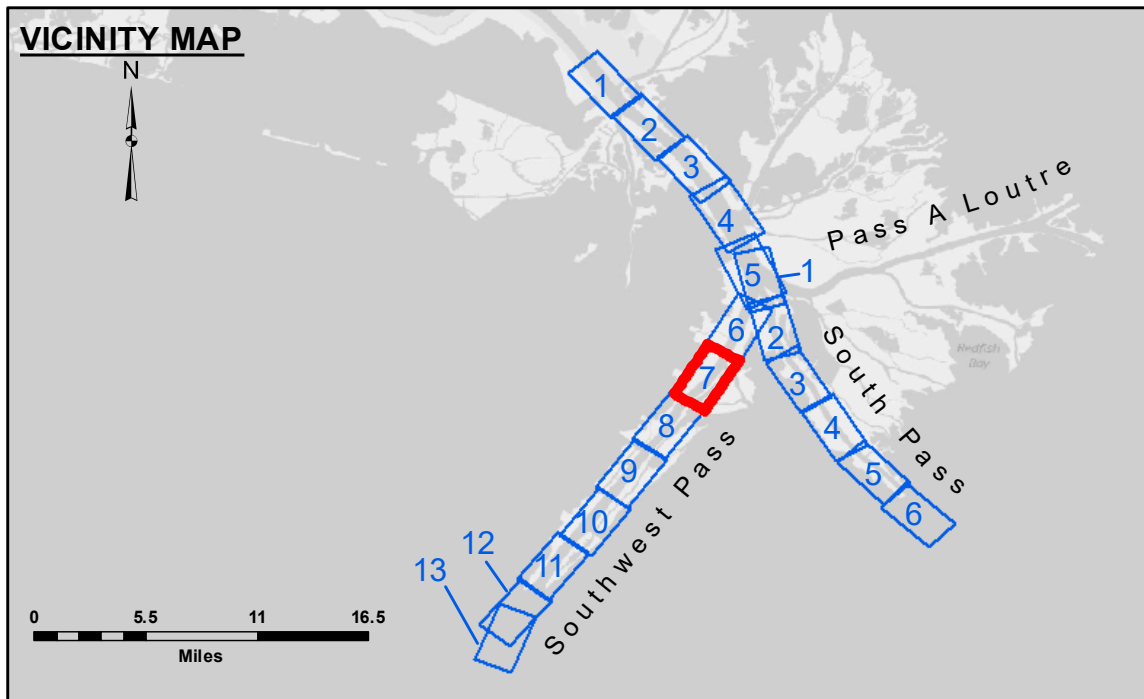


221,000 3,940,000 218,000 3,937,000 215,000 212,000 3,934,000



3,934,000 224,000 3,931,000 221,000 218,000 3,928,000 215,000



**LEGEND**

--- Federal Navigation Channel	● Cable Area	□ Borrow Area	■ -10' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -10' to -20'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -20' to -30'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -30' to -40'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -40' to -45'
			■ -45' to -50'
			■ -50' to -55'
			■ -55' and below

**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 01545 as of March 2020:  
0.0' NAVD88, 2009.55 = -0.32' MLLW = 3.18' 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.

2022 Aerial Photography data source: Optimal GEO (1998 DOQQ in green)

Reference is N.O.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.

Gage Reading: 1.2 MLLW @ HEAD OF PASSES @ 1000  
Sea Conditions: CALM  
Vessel Name: TOBIN  
Survey Type: CONDITION, SB  
Sounding Frequency\*\*\*: LOW

Feet  
0 500 1,000 1,500 2,000 2,500



**DISTRIBUTION LIABILITY:** The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results and accuracy of the data. Approximation of the data for other than intended purpose.

**Data Constants:** Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations. These data belong to the Government. Therefore, the user is advised to verify the data with the latest data available from the Government provided data. The recipient may not transfer these data to others without also transferring the Disclaimer.

The information depicted on the map represents the results of a survey. It is not intended to be used as a navigational aid. The Corps of Engineers does not warrant the accuracy of the information. Prudent mariners should not rely solely upon it.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted:	Checked By:
Recommended:	Checked By:
Approved:	Checked By:

Surveyed By: JH & RCC  
Plotted By: TSS  
Checked By: MSK

**MISSISSIPPI RIVER - B.R. TO GULF  
SOUTHWEST PASS - SHEET 7  
SW\_07\_SWP\_20230614\_CS  
14 June 2023**

**Sheet Reference Number  
7 of 13**

Revision Number:  
4.2-20230614.20