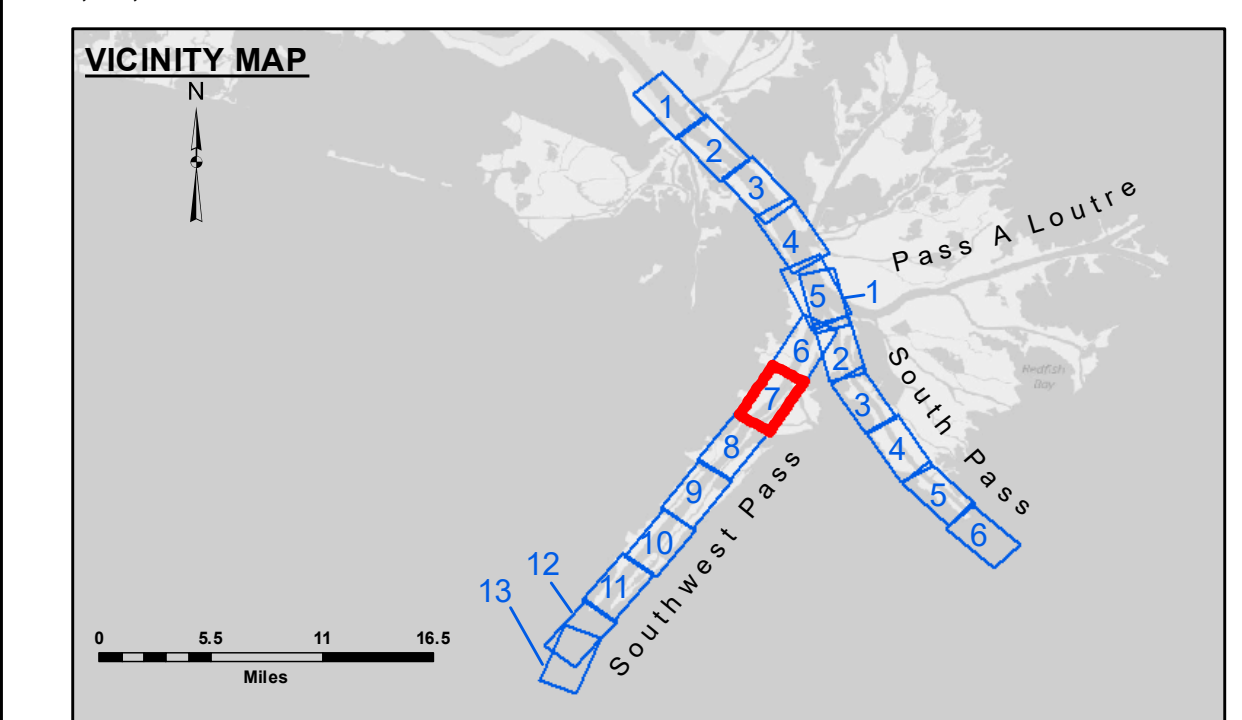
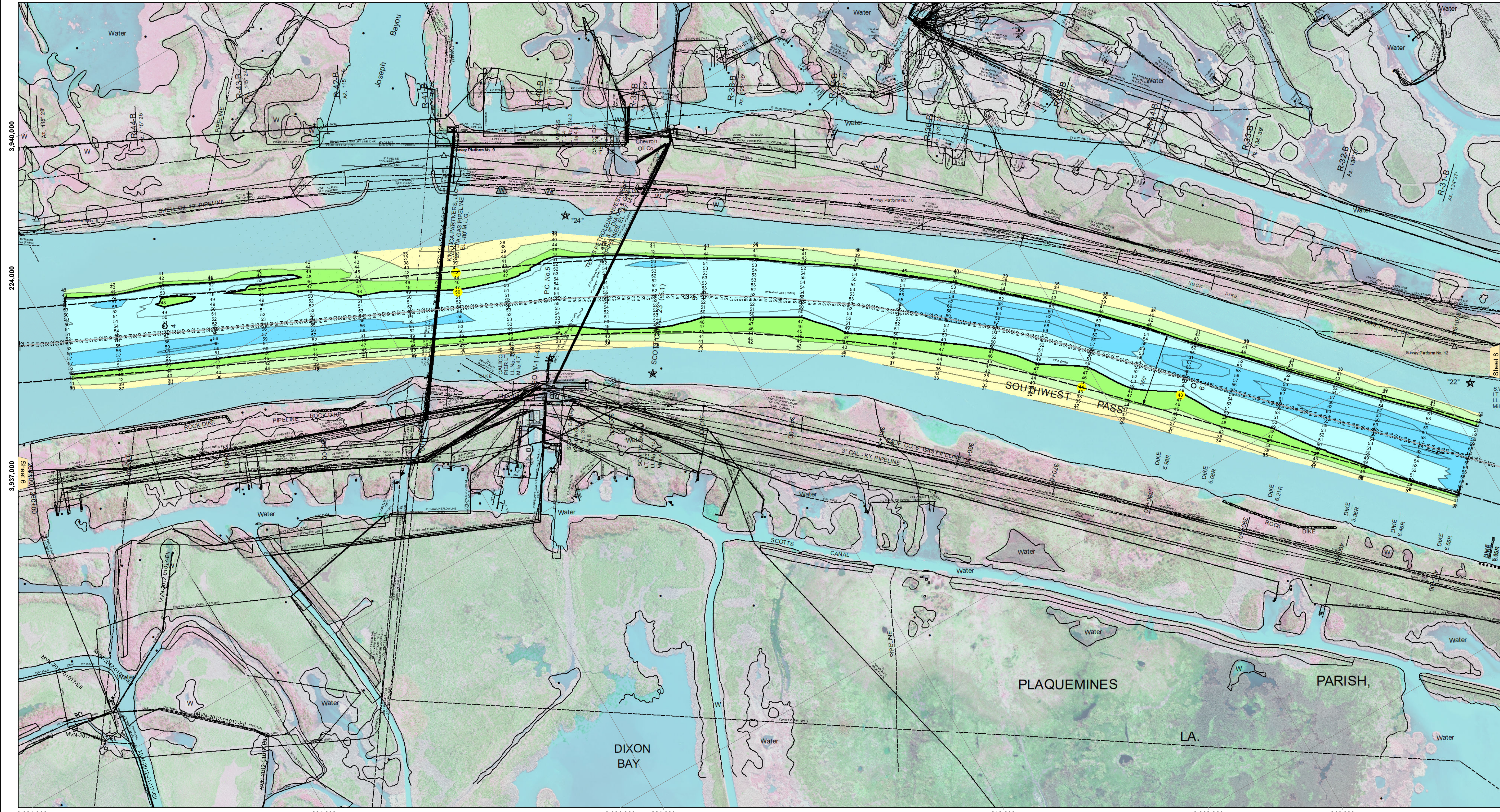
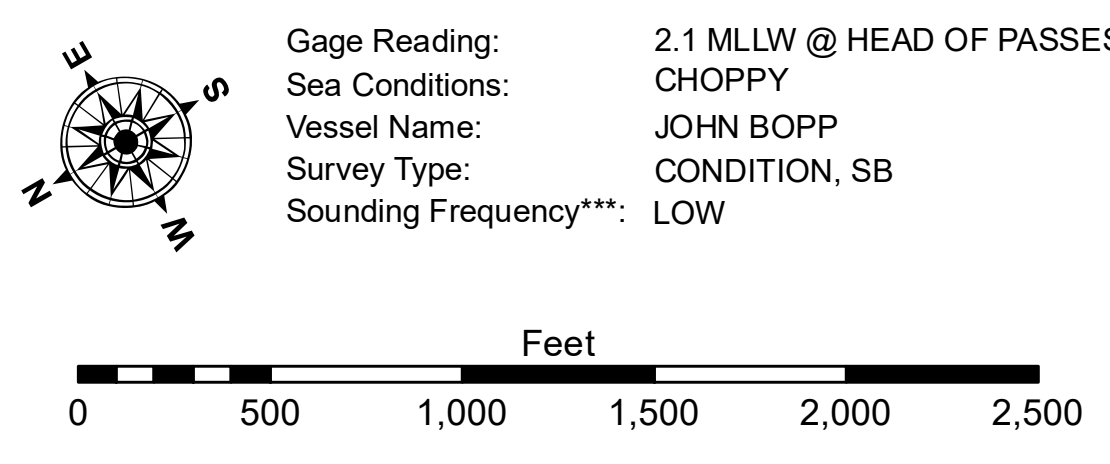


221,000 3,940,000 218,000 3,937,000 215,000 212,000 3,934,000



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 -48.5'
			■ -48.5' 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, 07-11). Datum Relationships for gage 01545 as of July 2015: 0.0' NAVD88 = -0.18' MLLW = 3.32' 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.
 2016 Aerial Photography data source: Precision Aerial Reconnaissance, LLC (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.



DISCLAIMER
 Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were provided, and that the data are not to be used in any way that may constitute an endorsement, approval, or implied warranty of the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data. The user is responsible for the results of any use of the data. The United States Government is not responsible for the results of any use of the data for other than the intended purpose.
 Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project and is only valid for its intended use. Content, time and accuracy specifications. The user is responsible for the results of any use of the data. The United States Government is not responsible for the results of any use of the data for other than the intended purpose.
 Date Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activities, channel migration, and other natural processes. The user is responsible for the results of any use of the data for other than the intended purpose. The user is responsible for the results of any use of the data for other than the intended purpose.
 The information depicted on the map represents the results of a survey conducted on the date indicated. The information is not to be used for any purpose other than that for which it was intended. The user is responsible for the results of any use of the data for other than the intended purpose.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By: JTB & RCC
Recommended: Chief Survey Section	Plotted By: RSL
Approved: Chief Waterways Maintenance Section	Checked By: MSK

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 7
 SW_07_SWP_20200216_CS
 16 February 2020**

**Sheet Reference Number
 7 of 13**