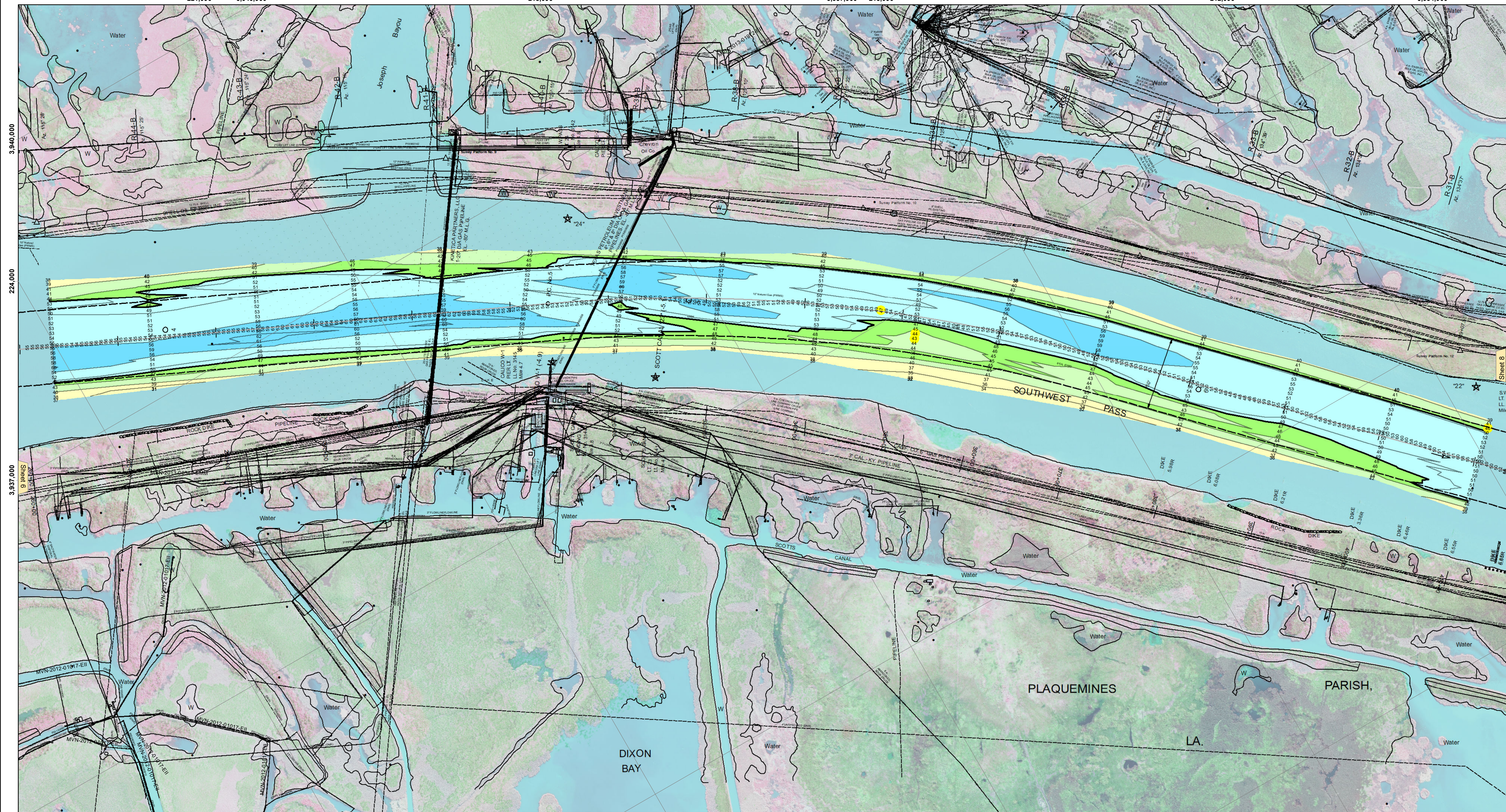
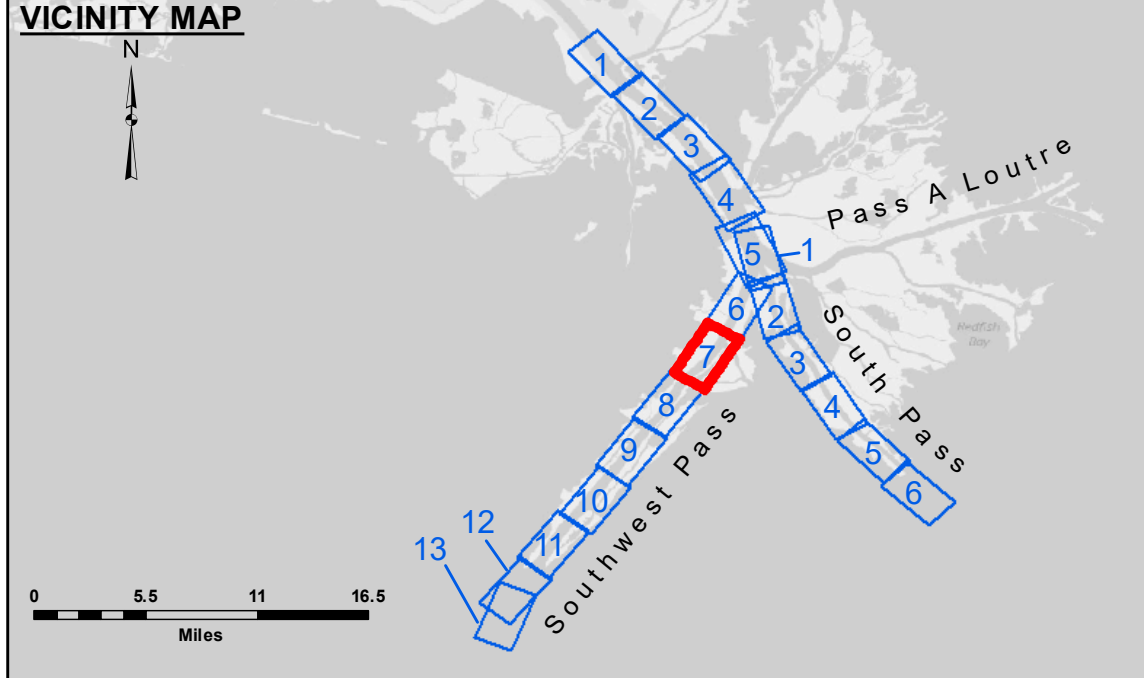


221,000 3,940,000 218,000 3,937,000 215,000 212,000 3,934,000



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 -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

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.

Gage Reading: 2.2 MLLW @ HEAD OF PASSES @ 0850
Sea Conditions: CALM
Vessel Name: BLANCHARD
Survey Type: CONDITION, SB
Sounding Frequency***: LOW

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



DISCLAIMER

The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed or implied, as to 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 data are provided for informational purposes only and are not to be used for any other purpose. The data are provided for informational purposes only and are not to be used for any other purpose. The data are provided for informational purposes only and are not to be used for any other purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By:	JH & DBD
Recommended:	Plotted By:	RSL
Approved:	Checked By:	MSK

Other: Waterways Maintenance Section

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 7
SW_07_SWP_20190626_CS
26 June 2019**

**Sheet Reference Number
7 of 13**

Revision Number: 3.13-20160811