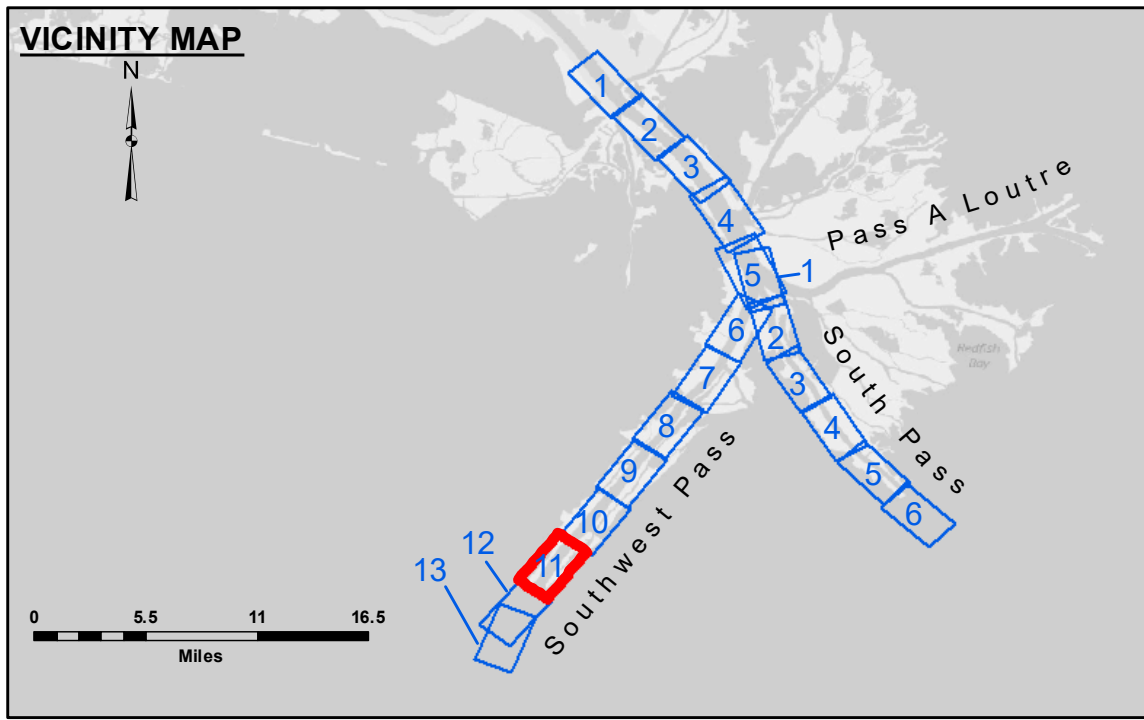


DISCLAIMER
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally prepared, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results obtained from the use of the data. The user shall indemnify and hold the United States Government harmless from all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of the data for any purpose other than that for which they were originally prepared. The information depicted on the map represents the results of a survey conducted on or about the date of the survey. The information is not to be used for any purpose other than that for which it was originally prepared. The user shall indemnify and hold the United States Government harmless from all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of the data for any purpose other than that for which they were originally prepared.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Checked By: MSK
Recommended:	Checked By: MSK
Surveyed By: JTB & DBD	Plotted By: TSS

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 11
 SW_11_SWP_20231207_CS
 07 December 2023**

**Sheet Reference Number
 11 of 13**



LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	★ Wrecks-Submerged
□ Borrow Area	★ Beacon, General
● Shoalest Sounding**	◆ Red Navigation Buoy
★ Beacon, General	◆ Green Navigation Buoy

Gage Reading: 0.9 MLLW @ MILE 17.9 @ 1100
 Sea Conditions: CALM
 Vessel Name: BLANCHARD
 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 01670 as of March 2020: 0.0' NAVD88, 2009.55 = 0.79' MLLW = 4.29' 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.