

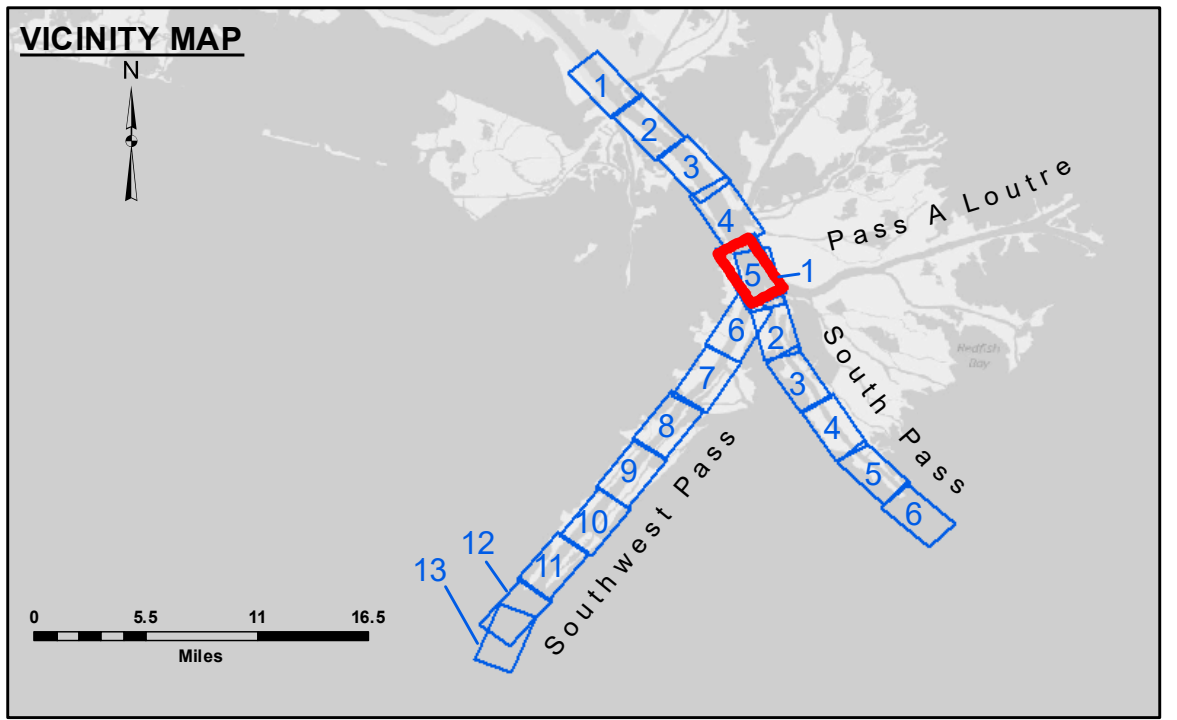
**DISCLAIMER**  
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**ACCESS RESTRICTIONS**  
 The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The information is not to be used for any purpose other than that for which it was prepared. The user is responsible for the results and accuracy of any use of the data for any purpose other than that for which they were prepared. The user is responsible for the results and accuracy of any use of the data for any purpose other than that for which they were prepared.

Submitted:	Checked By:
Recommended:	Checked By:
Approved:	Checked By:
Surveyed By:	Plotted By:
JH & TDG	TSS

**MISSISSIPPI RIVER - B.R. TO GULF**  
**SOUTHWEST PASS - SHEET 5**  
**SW\_05\_SWP\_20180822\_CS**  
**22 August 2018**

**Sheet Reference Number**  
**5 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: 1.0 MLLW @ PILOT TOWN @ 0930  
 Sea Conditions: CALM, FLUFF  
 Vessel Name: JOHN BUOP  
 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, 07-11). Datum Relationships for gage 01525 as of July 2015: 0.0' NAVD88 = -0.3' MLLW = 3.20' 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.