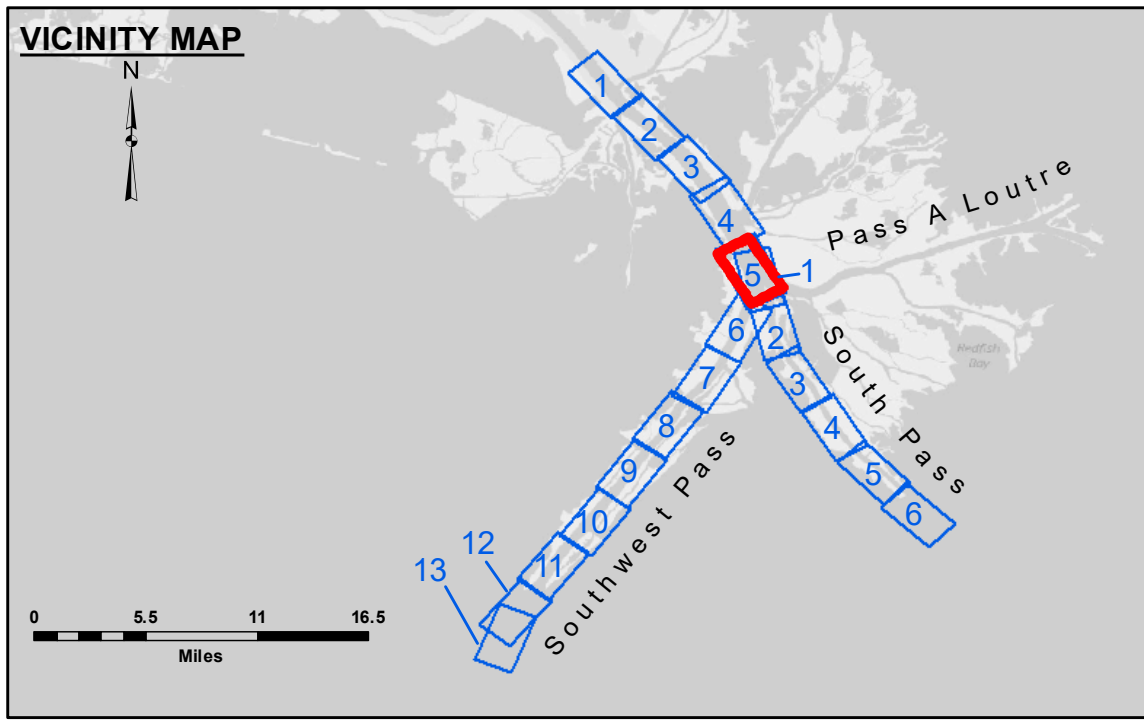


**DISCLAIMER**  
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally prepared, and that the data are not to be used for any purpose other than that for which they were originally prepared. The user is responsible for the results of any use of the data. The user is responsible for the results of any use of the data. The user is responsible for the results of any use of the data.

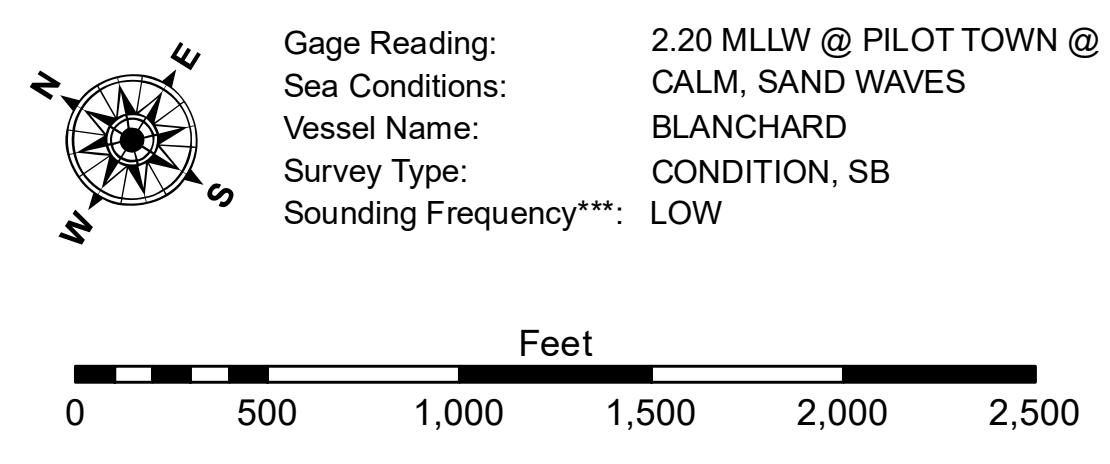
**ACCESS LIMITATIONS**  
 The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The information is not to be used for any purpose other than that for which it was originally prepared. The user is responsible for the results of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

|  |             |
|--|-------------|
| Submitted:   | Checked By: |
| Recommended:   | MSK         |
| Approved:  |             |
| U.S. ARMY CORPS OF ENGINEERS<br>NEW ORLEANS DISTRICT |             |
| Surveyed By:   | Plotted By: |
| LLB & DBD  |             |
| Checked By:  | MSK         |

**MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 5  
 SW\_05\_SWP\_20190327\_CS  
 27 March 2019**



| LEGEND |                                |  |                       |
|--------|--------------------------------|--|-----------------------|
|        | Federal Navigation Channel     |  | Placement Area        |
|        | Federal Navigation Center Line |  | Borrow Area           |
|        | As-built Pipeline/Cable        |  | Shoalest Sounding**   |
|        | Unconfirmed Pipeline/Cable     |  | Beacon, General       |
|        | Project Depth Contour          |  | Red Navigation Buoy   |
|        | Cable Area                     |  | Green Navigation Buoy |
|        | Anchorage Area                 |  |                       |
|        | Obstruction Point              |  |                       |
|        | Wrecks-Submerged               |  |                       |



**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.

**Sheet Reference Number  
 5 of 13**

Revision Number:  
 3.13-20160811