

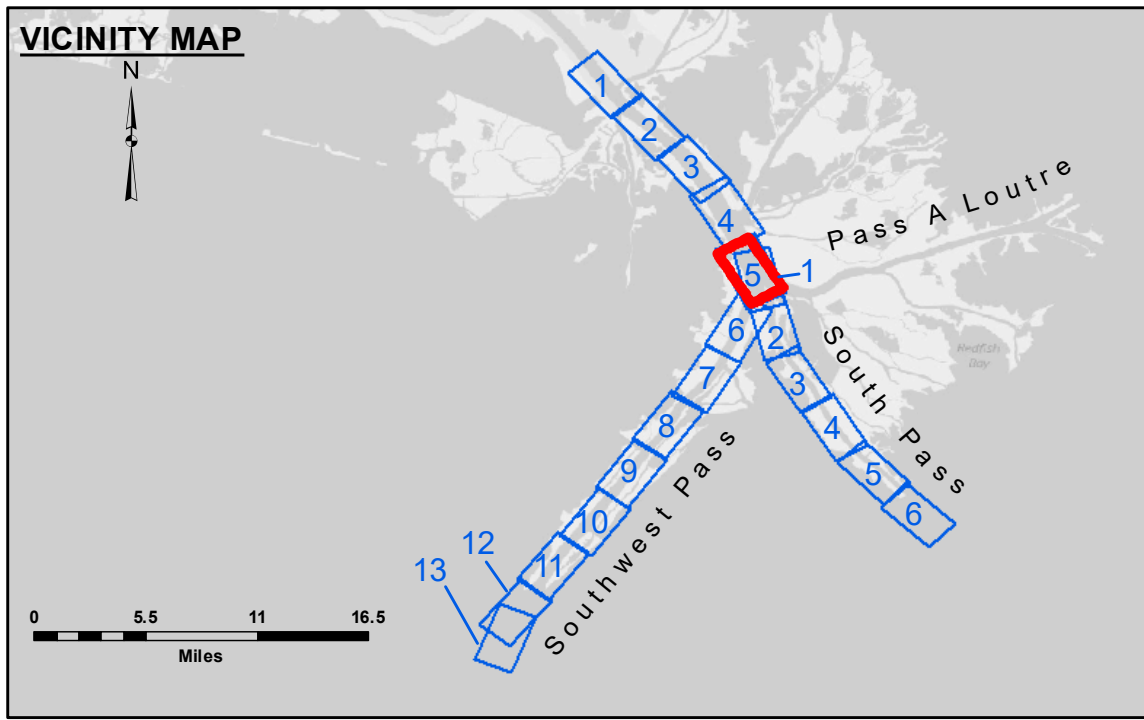
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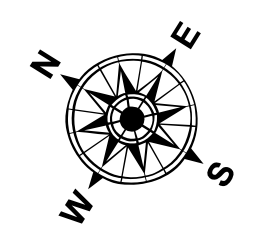
Submitted:	Checked By:
Recommended:	Checked By:
Approved:	Checked By:
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Surveyed By:	Plotted By:
MGF & JH	TSS

**MISSISSIPPI RIVER - B. R. TO GULF
 SOUTHWEST PASS - SHEET 5
 SW_05_SWP_20190209_CS
 09 February 2019**

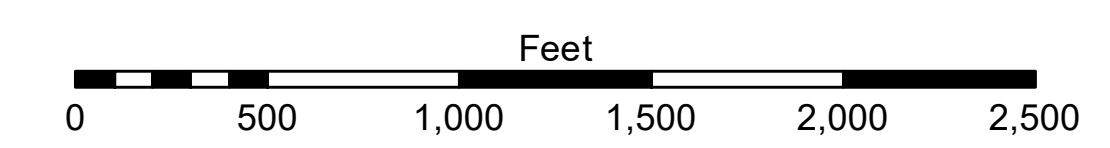
**Sheet Reference Number
 5 of 13**



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
■ Placement Area	
□ Anchorage Area	
⊗ Obstruction Point	
✶ Wrecks-Submerged	
	■ -10' and above
	■ -10' to -20'
	■ -20' to -30'
	■ -30' to -40'
	■ -40' to -45'
	■ -45' to -48.5'
	■ -48.5' to -55'
	■ -55' and below



Gage Reading: 1.7 MLLW @ PILOT TOWN @ 1230
 Sea Conditions: CALM
 Vessel Name: BEAUVAIS
 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.