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Data: The hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing activity and natural conditions and sounding processes. The U.S. Army Corps of Engineers does not warrant the accuracy of the data for any application other than the hydrographic conditions which developed after the date of publication. This data is intended for U.S. Army Corps of Engineers use only. Project numbers include but are not limited to any Army Agency.

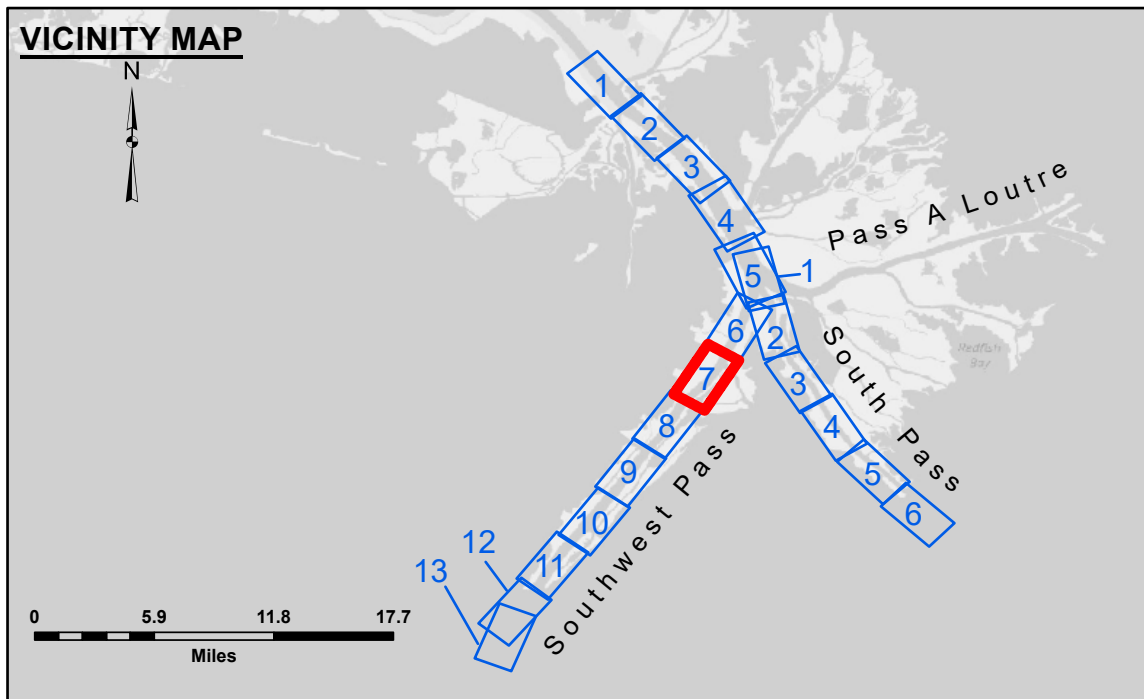
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Submitted:	Surveyed By:	JUC & RCC
Recommended:	Plotted By:	RSL
Approved:	Chief, Survey Section	
	Checked By:	MSK
	Other, Waterways Maintenance Section	

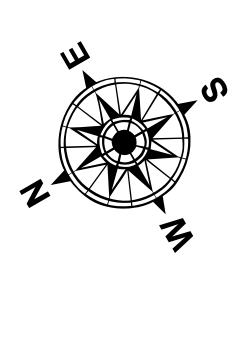
**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 7
SW_07_SWPX_20240731_CS**

31 July 2024

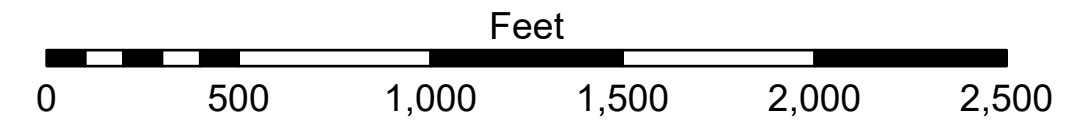
**Sheet
Reference
Number**
7 of 13



LEGEND		3 Fluff Thickness (feet)*	-10' and above
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	-10' to -20'
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	-20' to -30'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	-30' to -40'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	-40' to -45'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	-45' to -50'
			-50' to -55'
			-55' and below



Gage Reading: 1.3 MLLW @ H.O.P. (01545 OD) @ 0845
 Sea Conditions: CALM
 Vessel Name: TOBIN
 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: 0.0' NAVD86, 2009.55 = -0.32' MLLW = 3.16' MLG
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01545 as of March 2020:
 0.0' NAVD86, 2009.55 = -0.32' MLLW = 3.16' 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.
 2024 Aerial Photography data source: Optimal GEO (1998 DOQQ in green)
 Reference is N.O.A.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.