

DISCLAIMER

The information depicted on this map represents the results of a hydrographic survey conducted by the U.S. Army Corps of Engineers. It is intended for use as a navigational aid and is not to be used as a basis for legal proceedings. The user is responsible for the accuracy, completeness, reliability, usability, or availability of any information derived from this map. The U.S. Army Corps of Engineers makes no warranty, expressed or implied, for any particular purpose of the user. The user assumes all liability for any use of this information, whether or not it results in damage or injury. The U.S. Army Corps of Engineers is not responsible for any damage or injury resulting from the use of this information. The U.S. Army Corps of Engineers is not responsible for any damage or injury resulting from the use of this information. The U.S. Army Corps of Engineers is not responsible for any damage or injury resulting from the use of this information.

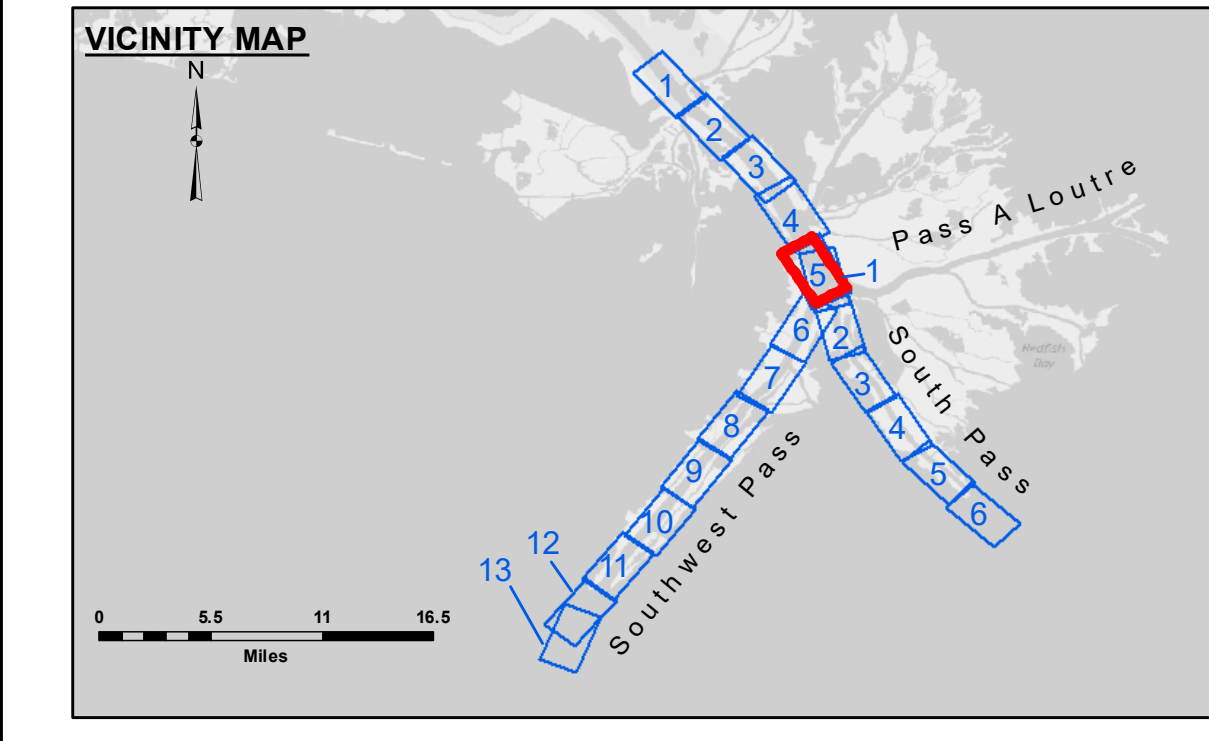
ACCESS NOTES

This map was prepared using data collected during a hydrographic survey conducted by the U.S. Army Corps of Engineers. The data was collected using a survey vessel equipped with a dual frequency echosounder and a GNSS receiver. The data was processed using a least squares adjustment and a tidal correction. The data was then plotted on a map using a projection of the North American Datum of 1983 (NAD83). The map was then printed on a scale of 1 inch = 1 mile. The map was then checked for accuracy and completeness. The map was then approved for release to the public.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Surveyed By: JTB & DBD	Plotted By: TSS
Submitted:	Checked By: MSK
Recommended: Chief Survey Section	Approved: Chief Waterways Maintenance Section

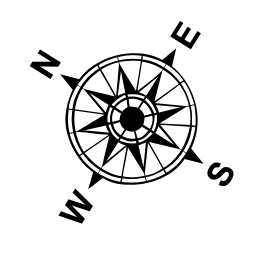
**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 5
SW_05_SWP_20210929_CS
29 September 2021**

**Sheet Reference Number
5 of 13**

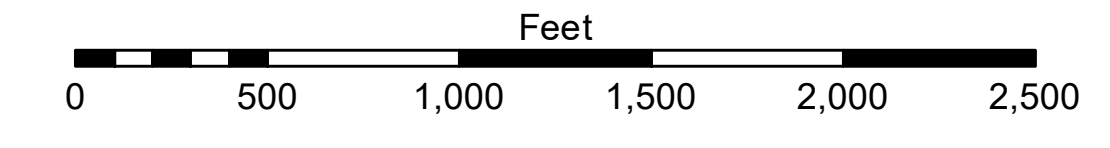


LEGEND

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



Gage Reading: 0.8 MLLW @ PILOT TOWN @ 0915
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: 0.15 NAVD88, 2009.55 = -0.47' MLLW (12-16).
Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16).
Datum Relationships for gage 01525 as of March 2020:
0.0' NAVD88, 2009.55 = -0.53' MLLW = 2.97' MLG
Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.
The location of navigation aids are based 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.