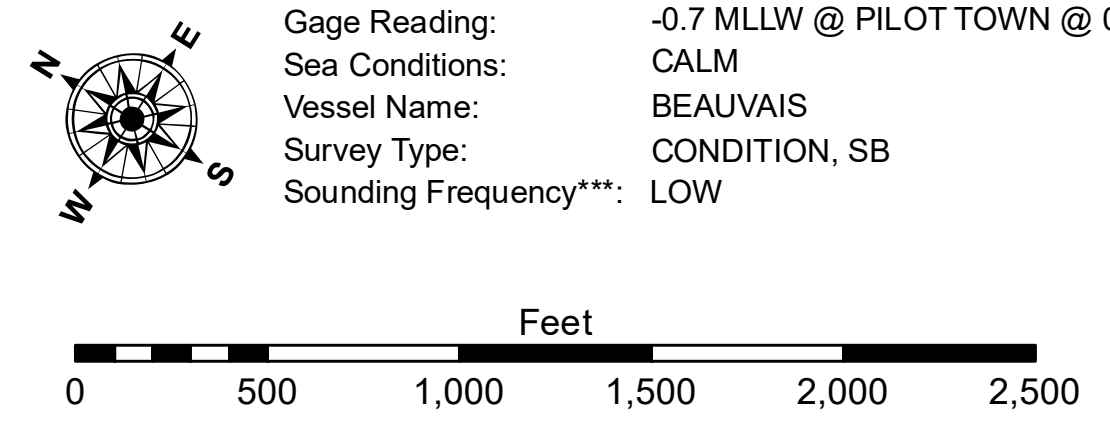


LEGEND

--- 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



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, 12-16). Datum Relationships for gage 01525 as of March 2020: 0.0' NAVD83, 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 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.



DISCLAIMER:

The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results of the use of the data. The user shall indemnify and hold the United States Government harmless from and against all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be incurred by the recipient as a result of the use of the data. The recipient shall not be held responsible for any damage to property or injury to persons or animals, including but not limited to death, resulting from the use of the data. The recipient shall not be held responsible for any damage to property or injury to persons or animals, including but not limited to death, resulting from the use of the data. The recipient shall not be held responsible for any damage to property or injury to persons or animals, including but not limited to death, resulting from the use of the data.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	JUC & MGF
Recommended:	TSS
Checked By:	MSK

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 4
SW_04_SWP_20211223_CS**

23 December 2021

Sheet Reference Number
4 of 13

Revision Number:
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