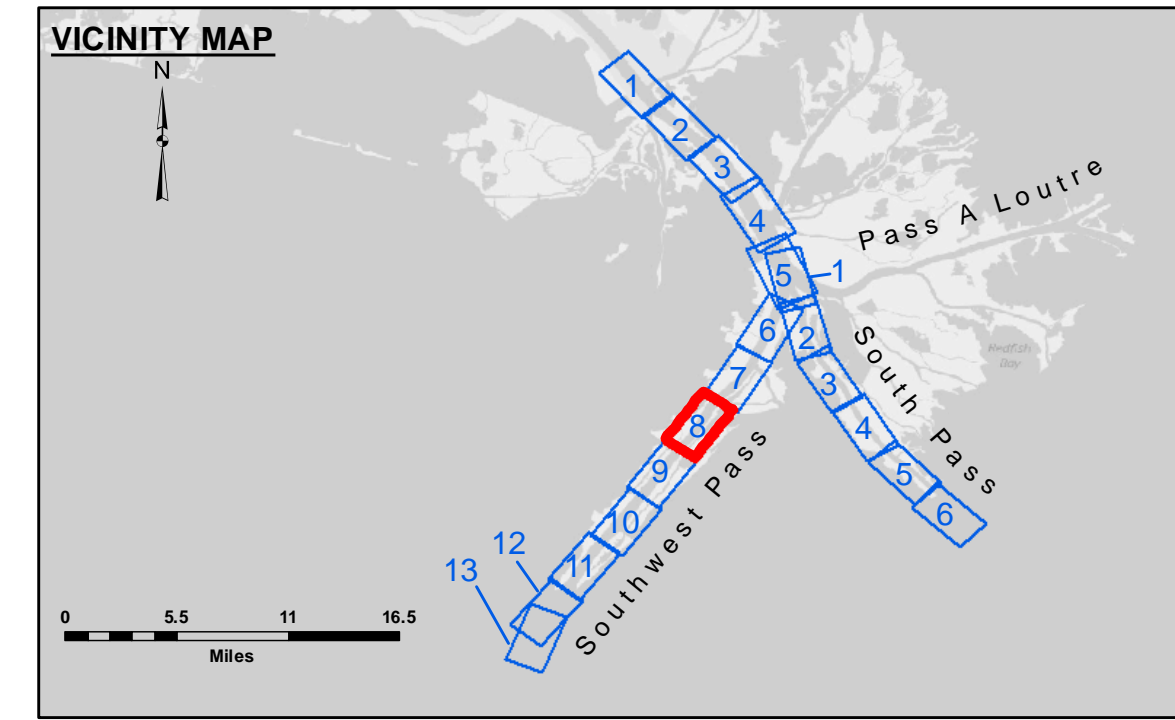


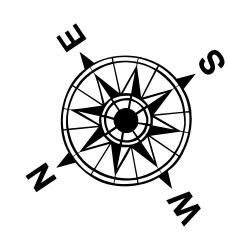
3,931,000
212,000
3,928,000

3,922,000
200,000
3,915,000

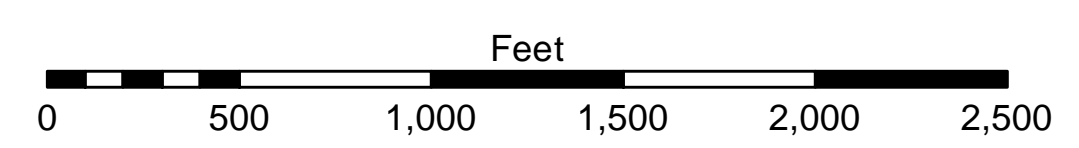


LEGEND

--- 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 -48.5'
			■ -48.5' to -55'
			■ -55' and below



Gage Reading: 1.6 MLLW @ LIGHT-19 @ 1100
 Sea Conditions: CALM
 Vessel Name: OB-173
 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 01575 as of July 2015: 0.0' NAVD88 = 0.17' MLLW = 3.67' 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 data represented on this chart is the result of a collection of data from various sources. The data is not guaranteed to be accurate, complete, or up-to-date. The user is responsible for the results of any use of this data. The user is responsible for the results of any use of this data. The user is responsible for the results of any use of this data. The user is responsible for the results of any use of this data.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: HNP & TDG	Plotted By: TSS	Checked By: MSK
Submitted:	Chart Survey Section	Chart Waterways Maintenance Section

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 8
 SW_08_SWP_20180626_CS
 26 June 2018**

**Sheet Reference Number
 8 of 13**

Revision Number:
3.13-20160811