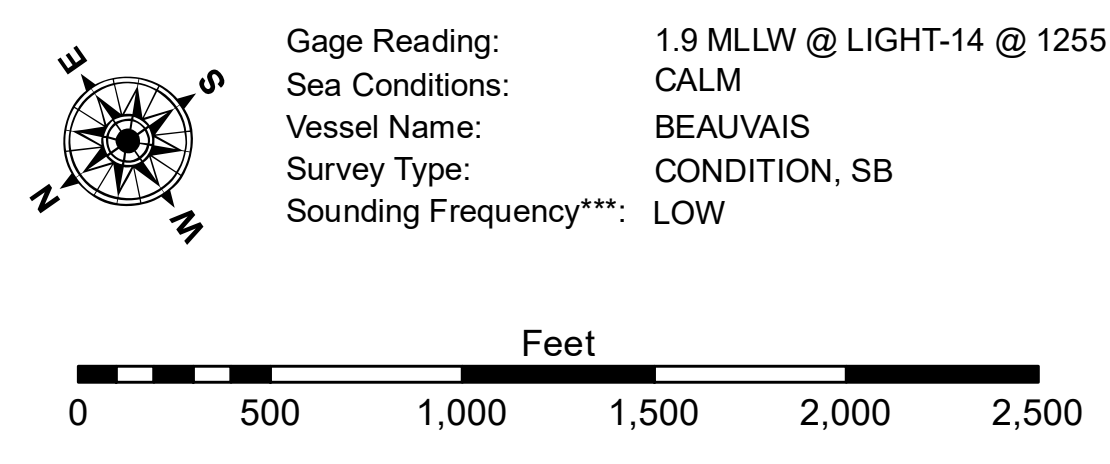


**LEGEND**

--- 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



**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 01625 as of July 2015:  
0.0' NAVD83 = 0.39' MLLW = 3.89' 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, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results obtained from the use of the data for other than the intended purpose.

**Distribution Liability:** The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results obtained from the use of the data for other than the intended purpose.

**Data Constants:** Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, spoil, and other channel changes. The user is responsible for the results obtained from the use of the data for other than the intended purpose.

The information depicted on the map represents the results of a survey conducted on the date indicated. It is not to be considered as a representation of the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted:	Chart Survey Section
Recommended:	Chart Survey Section
Approved:	Chart Waterways Maintenance Section

Surveyed By: HNP & JMS  
Plotted By: TSS  
Checked By: MSK

**MISSISSIPPI RIVER - B.R. TO GULF  
SOUTHWEST PASS - SHEET 10  
SW\_10\_SWP\_20180330\_CS  
30 March 2018**

**Sheet Reference Number  
10 of 13**

Revision Number:  
3.13-20160811