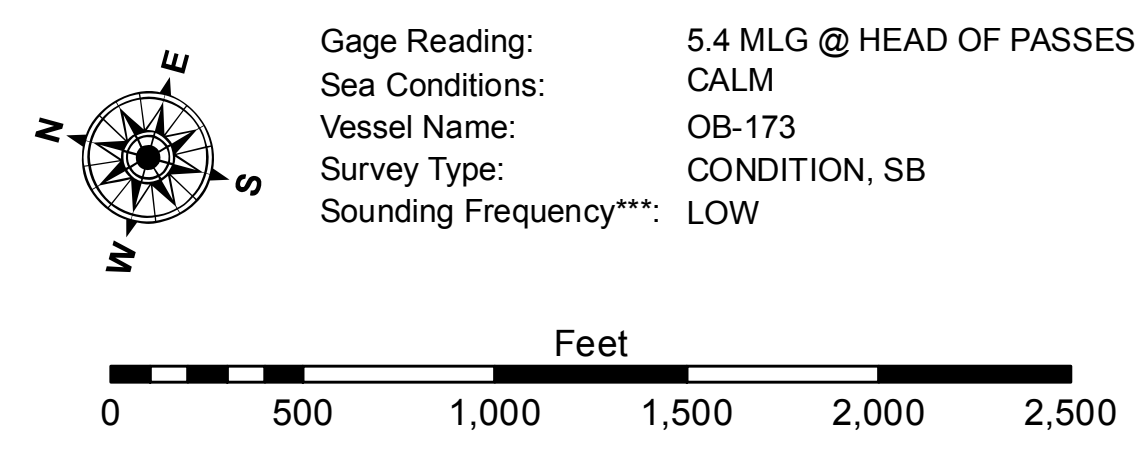


LEGEND

--- 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' 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 Low Gulf Datum (MLG). Datum Relationships for gage 01545 as of July 2015: 0.0' NAVD88 = -0.3' MLLW = 3.32' 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.
 2013 Aerial Photography data source: GEOCLIP, Atlantic Group, 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 (20 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.



DISTRIBUTION LIABILITY: The data represents the results of data collection 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. The user is not to be held liable for any damage or loss resulting from the use of the data for other than its intended purpose.
 Data Constants: Hydrographic survey data is subject to change regularly due to several factors including but not limited to dredging operations, changes in channel conditions, and changes in the hydrographical conditions which develop after the date of the survey. The information depicted on this map represents the results of a survey conducted on the date shown. 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:	Surveyed By: LLB & TSS
Recommended:	Plotted By: TSS
Approved:	Checked By: MSK

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTH PASS - SHEET 2
 SP_02_SPS_20160428
 28 April 2016**

**Sheet Reference Number
 2 of 6**

Revision Number:
 3.8.0-20150219