

**LEGEND**

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- ..... Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Anchorage Area
- ⊗ Obstruction Point
- Wrecks-Submerged

**3 Fluff Thickness (feet)\***

-10' and above
-10' to -20'
-20' to -30'
-30' to -40'
-40' to -45'
-45' to -50'
-50' to -55'
-55' and below

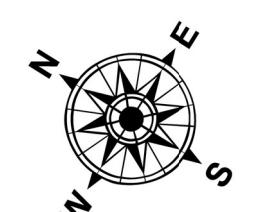
**Borrow Area**

**Shoalest Sounding\*\***

**Beacon, General**

**Red Navigation Buoy**

**Green Navigation Buoy**





Gage Reading:	GAGE_READING
Sea Conditions:	SEA_CONDITION
Vessel Name:	VESSEL_NAME
Survey Type:	SURVEY_TYPE
Sounding Frequency***:	SOUNDING_FREQUENCY

Feet

0 500 1,000 1,500 2,000 2,500

**OTES:**  
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.

tical Datum:  
oundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16).  
um Relationships for gage 01525 as of February 2021:  
NAVD88, 2009.55 = -0.53' MLLW = 2.97' MLG

stances on the Mississippi River, above and below Head of Passes are shown mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard.

4 Aerial Photography data source: Optimal GEO (1998 DOQQ in green)

Reference is N O A A Navigation Chart No. 11361

Chart 11501. The chart shows bathymetric contours and sounding data for the area, including the location of the beach and the quarter sections.

High-frequency (200 Hz) survey data represents the first signal return of a sounding.

High frequency (200 kHz) survey data represents the first signal return at a soundin

Survey data normally penetrates through this "fluff" layer to depict elevations of consolidated material. Low frequency accuracies may vary depending on channel conditions and fan shape.

ings.

For more information, contact the Office of the Vice President for Research and the Office of the Vice President for Student Affairs.

Sheet  
Reference  
Number

4 of 13