



**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)\*
- Borrow Area
- Shoalest Sounding\*\*
- ★ Beacon, General
- Red Navigation Buoy
- ◆ Green Navigation Buoy

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



Gage Reading: 1.8 MLLW @ PILOT TOWN @ 0930  
Sea Conditions: CALM  
Vessel Name: OB-173  
Survey Type: CONDITION, SB  
Sounding Frequency\*\*\*: LOW

Feet

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

**ES:**  
Horizontal Coordinate System:  
American Datum of 1983 (NAD83), projected to the State Plane  
Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.

Local Datum:  
Readings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16).  
Tide Relationships for gage 01525 as of March 2020:

ances on the Mississippi River, above and below Head of Passes are shown  
ile intervals.

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

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

Reference is N.O.A.A. Navigation Chart No. 11361

Select Soundings on Quadrangle Beach

high frequency (200 kHz) survey data represents the first signal return at a sounding position 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.

**Sheet  
Reference  
Number**

Revision Number:  
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