























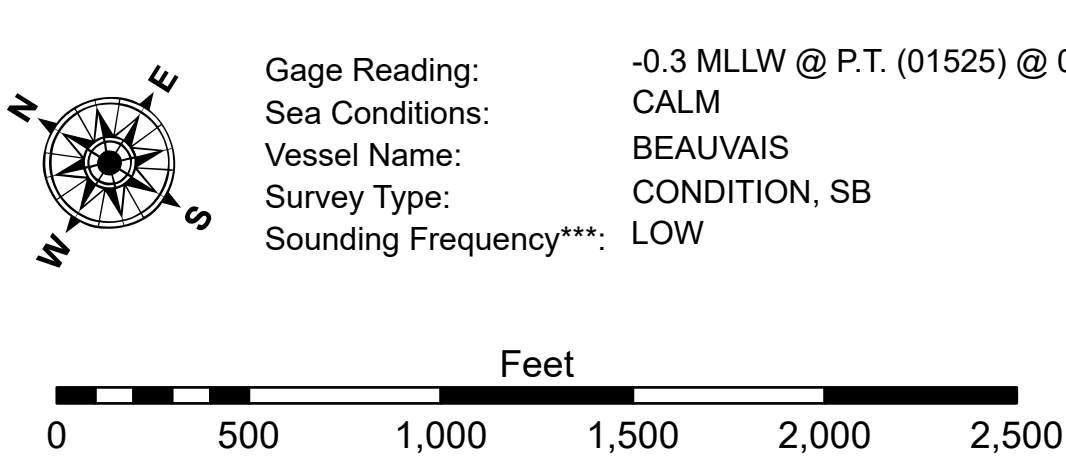


| LEGEND  |                                |   |                         |
|---|--------------------------------|---|-------------------------|
|  | Federal Navigation Channel     |  | Cable Area              |
|  | Federal Navigation Center Line |  | Placement Area          |
|  | As-built Pipeline/Cable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



**NOTES:**

Horizontal Coordinate System:  
North American Datum of 1983 (NAD83), projected to the North American Datum (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, 12-16).  
Datum Relationships for gage 01525 as of February 2021:  
0.0' NAD86, 2009.55' = -0.53' MLLW = ± 0.9' MLG

Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.

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

2024 Aerial Photography data source: Optimal GEO (1998 DOQQ in green)

Reference is N.O.A.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.

**Sheet  
Reference  
Number**  
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