



| 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               |
|        | 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: 0.7 MLLW @ MILE 17.9 @ 1225  
 Sea Conditions: CALM  
 Vessel Name: BLANCHARD  
 Survey Type: CONDITION, SB  
 Sounding Frequency\*\*\*: LOW

**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, 12-16). Datum Relationships for gage 01670 as of March 2020: 0.0' NAVD88, 2009.55 = 0.79' MLLW = 4.29' 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 bathymeter settings.

**US Army Corps of Engineers**  
District: CEMVN

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|  |             |             |
|--|-------------|-------------|
| U.S. ARMY CORPS OF ENGINEERS<br>NEW ORLEANS DISTRICT |             |             |
| Submitted:   | Served By:  | Checked By: |
| Chart Survey Section                                 | JTB & DBD   | MSK         |
| Recommended:   | Plotted By: |             |
| Chart Waterways Maintenance Section                  | TSS         |             |
| Approved:  |             |             |

**MISSISSIPPI RIVER - B.R. TO GULF**

**SOUTHWEST PASS - SHEET 11**

**SW\_11\_SWP\_20221129\_CS**

**29 November 2022**

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**Sheet Reference Number**

**11 of 13**

Revision Number:  
4.2-202 (04/20)