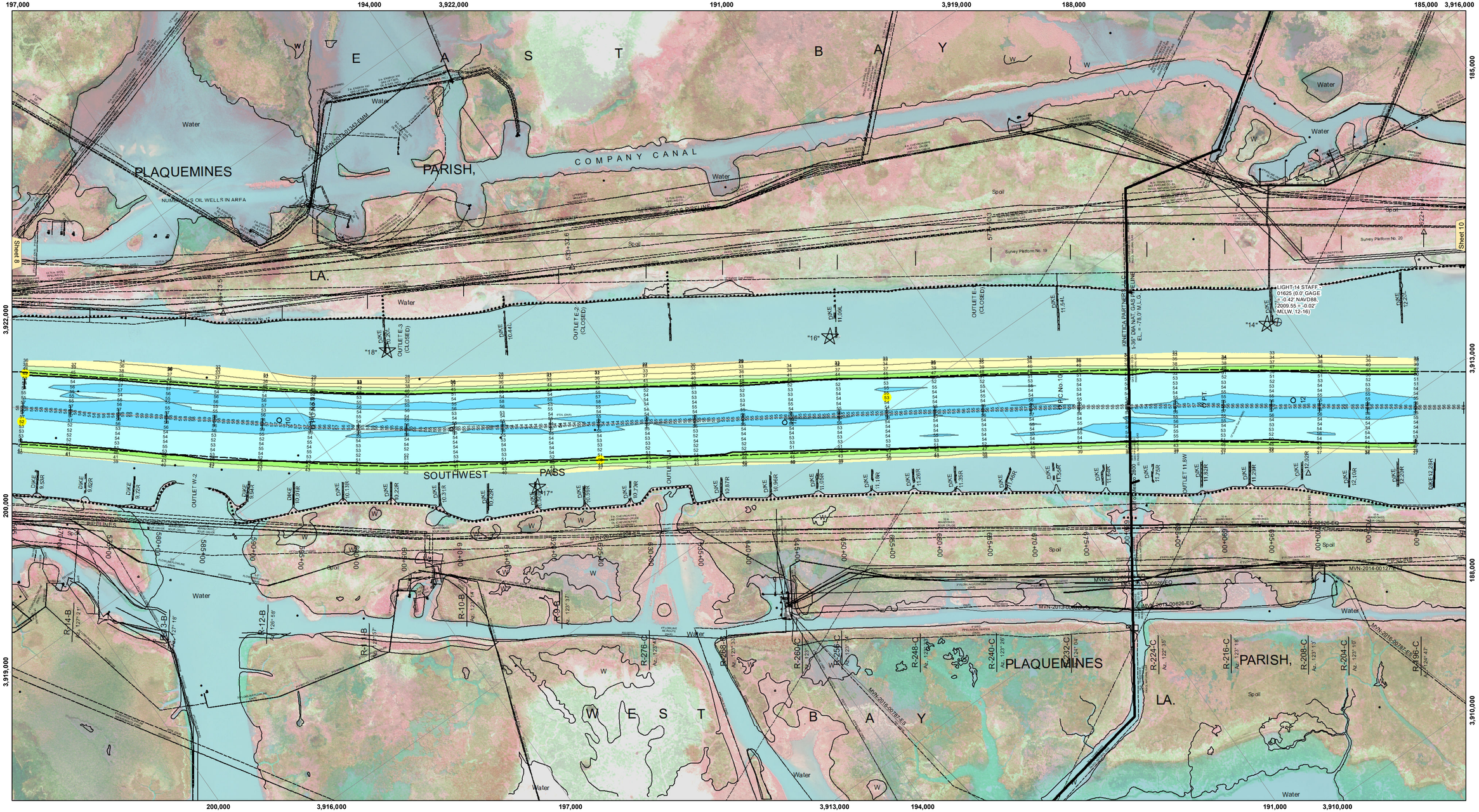


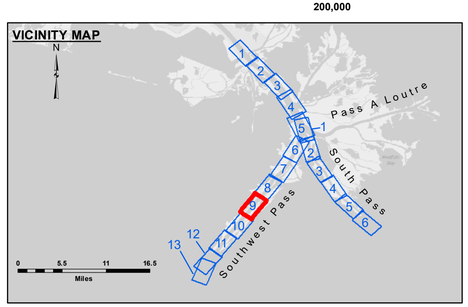


## LEGEND

- 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: | 1.5 MLLW @ LIGHT 14 @ 1050 |
| Sea Conditions: | CALM |
| Vessel Name: | TOBIN |
| Survey Type: | CONDITION, SB |
| Sounding Frequency***: | LOW |

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

**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 01625 as of March 2020:
0.0' NAVD88, 2009.55 = 0.40' MLLW = 3.90' 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.

2022 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.

US Army Corps of Engineers
District: CEMVN

Distribution Liability: The data represents the results of data collection and analysis at the time of the hydrographic survey activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy of the data. The U.S. Army Corps of Engineers assumes no liability of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to natural shoaling and scouring processes. Shoaling is a natural activity and natural shoaling and scouring processes. The U.S. Army Corps of Engineers does not guarantee the data to be exactly as in the hydrographical conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers' internal use. Present revenue based on this survey report.

DISCLAIMER
Access Constraints: The United States Government furnishes this map/chart/data/information/product/service without express understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this product, of any of its component information and the data furnished. The United States shall be under no liability to any party for any loss or damage alleged to be made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government data or information. Recipient agrees to refer these data to others without also transferring this Disclaimer.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general conditions existing at that time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

| | | |
|---|---|---|
| Submitted: | Surveyed By: JH & RCC | Checked By: MSK |
| | Plotted By: TSS | |
| Recommended: Chief, Survey Section | | |
| Approved: Chief, Waterways Maintenance Section | | |

**MISSISSIPPI RIVER - B.R. TO GULF**
**SOUTHWEST PASS - SHEET 9**
**SW_09_SWP_20230720_CS**
**20 July 2023**

**Sheet Reference Number**
9 of 13

Revison Number:
4.2-20200420