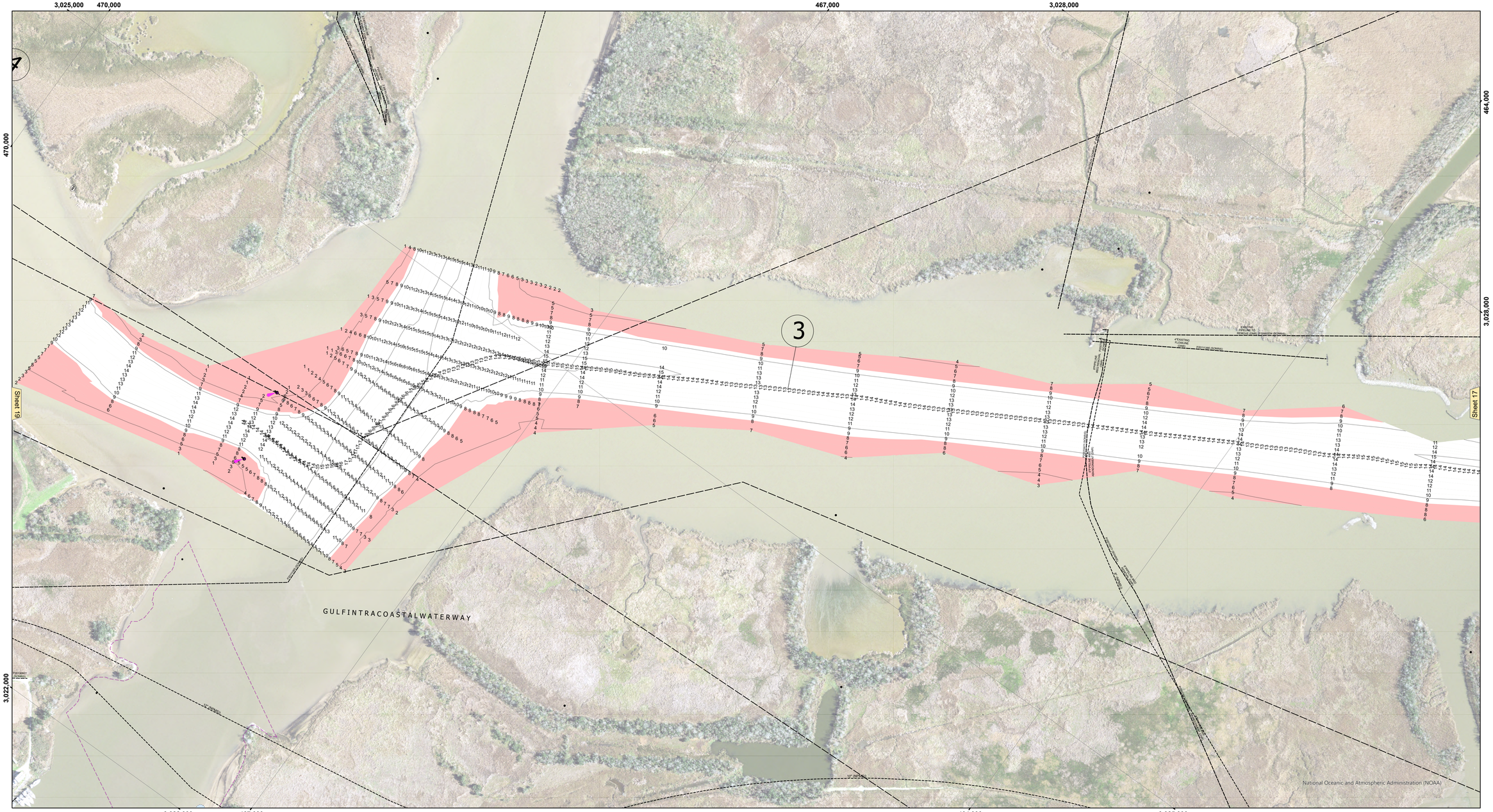

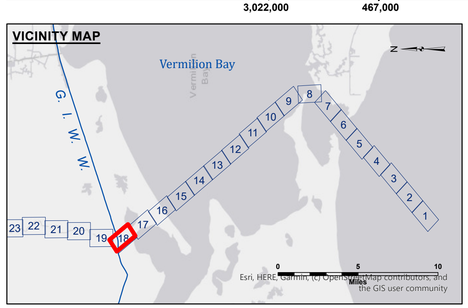

LEGEND

- 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
- -9' and above
- -9' and below

Gage Reading: LELAND BOWMAN RTN: 4.00 MLG
Sea Conditions: CHOPPY
Vessel Name: OB-189
Survey Type: SB
Sounding Frequency***: 24KHZ

Feet
0 400 800 1,200

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 Low Gulf Datum (MLG).
Datum Relationships for gage 76720 as of August 2014:
0.0' NAVD88 (OPUS 2014) = 2.08' MLG

Distances on the Vermilion River are shown at 1 mile intervals.

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

2021 Aerial Photography data source: NAIP

Reference is N.O.A.A. Navigation Chart No. 11350.

** 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 (20 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

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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.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers mission and project. It is not to be used for navigation. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any other use, misuse or misapplication of this data beyond its intended purpose.

Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing weather conditions, sediment movement, and storms. The US Army Corps of Engineers accepts no responsibility for changes in the hydrographic survey data that occurred after the date of publication. This data is intended for U.S. Army Corps of Engineers internal use. Prudent mariners should not rely solely upon it.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:

Recommended: Chief, Survey Section

Approved: Chief, Waterways Maintenance Section

Surveyed By: PM_LT
Plotted By: BD
Checked By: AO/JH

VERMILION RIVER
GIWW INTERSECTION
VM_18_IWW_20250417_CS
17 April 2025

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18 of 49

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