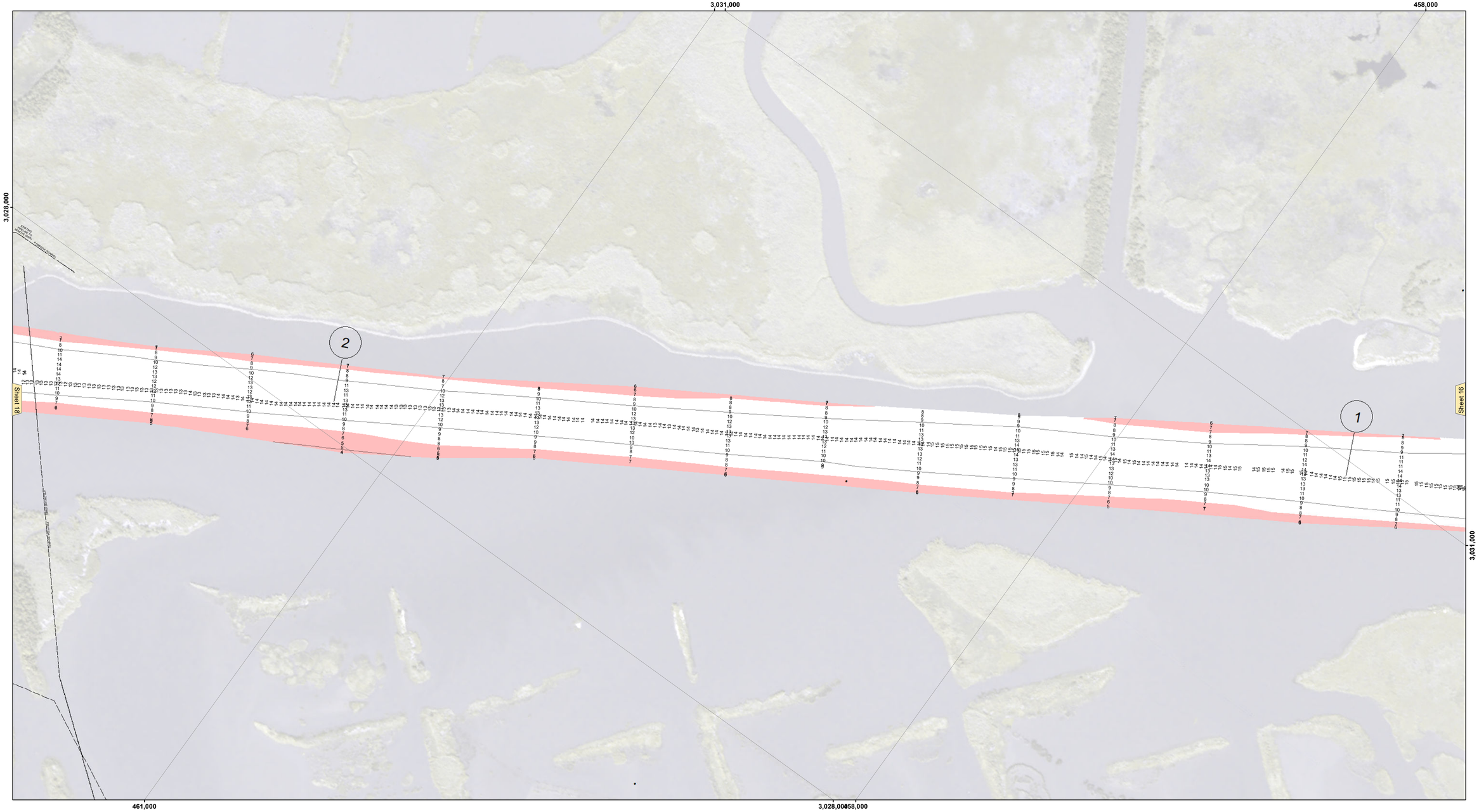

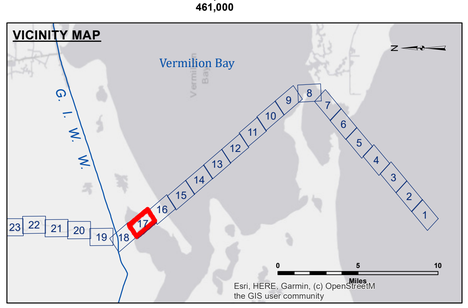

LEGEND

- 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
- -8' and above
- -8' and below

Gage Reading:	LB LOCK EAST: 1.67 MLG
Sea Conditions:	CALM
Vessel Name:	OB167
Survey Type:	CONDITION
Sounding Frequency***:	HI

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.

2010 Aerial Photography data source: NAIP. Transparent green imagery from 1998 DOQQ.

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 condition existing at that time.

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Data Constraints: Hydrographic survey data is subject to change through natural and man-made processes. Therefore the U.S. Army Corps of Engineers makes no warranty as to the accuracy 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 mariners based on this survey report.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: Surveyed By: PM, SR
Plotted By: JH
Checked By: JH

Recommended: Chief, Survey Section

Approved: Chief, Waterways Maintenance Section

VERMILION RIVER
3 MILE CUT
VM_17_3MC_20220113_CS
13 January 2022

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