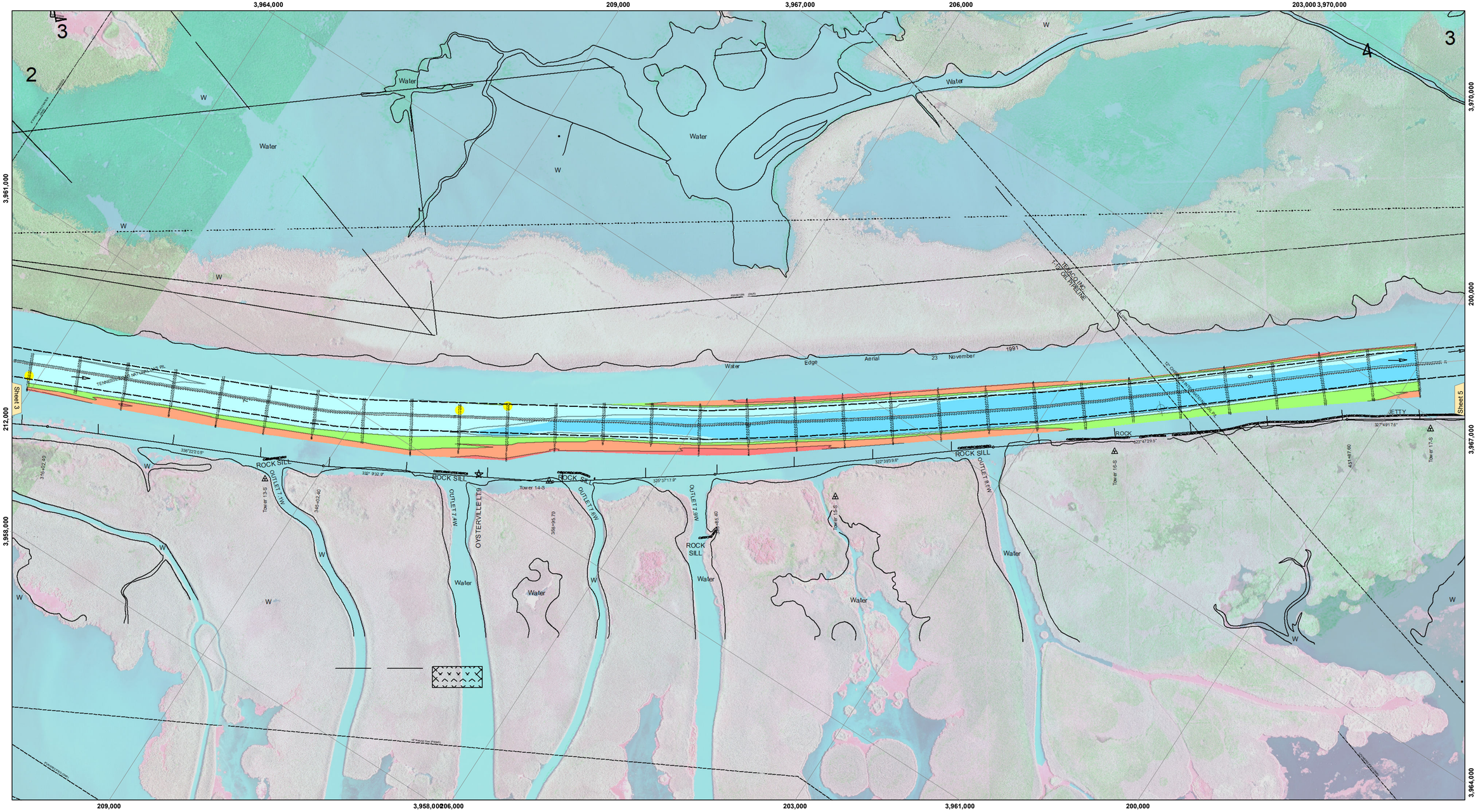

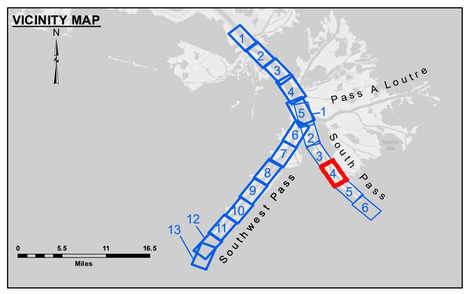

LEGEND

- 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
- -5' and above
- -5' to -10'
- -10' to -15'
- -15' to -20.5'
- -20.5' and below

Gage Reading:	0.90 MLLW @ HOP @ 1205
Sea Conditions:	CALM
Vessel Name:	OB_173
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 Datum (MLLW).
Datum Relationships for gage 01840 as of Jan 2022:
0.0' NAVD88 = 0.0' MLLW

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.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 (20 kHz) survey data normally penetrates through this "fluff" layer to depict elevations of consoldiated 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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Access Constraints: The United States Government furnishes this data and information with the understanding that it is not to be construed or interpreted as a warranty, expressed, or implied concerning its accuracy, completeness, suitability, or validity for any purpose or activity, nor does the information and the data furnished. The United States shall be held harmless from any liability or damages resulting from the use 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 to permit others to make copies of 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.

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Data Constraints: Hydrographic survey data is subject to change without notice due to natural shoaling and scouring processes. The U. S. Army Corps of Engineers does not warrant the accuracy of the data in the hydrographic 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.

U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

MISSISSIPPI RIVER - B.R. TO GULF
SOUTH PASS - SHEET 4
SP_04_SPS_20220915_CS
15 September 2022

Sheet Reference Number
4 of 6

Revison Number:
4.2-20200420