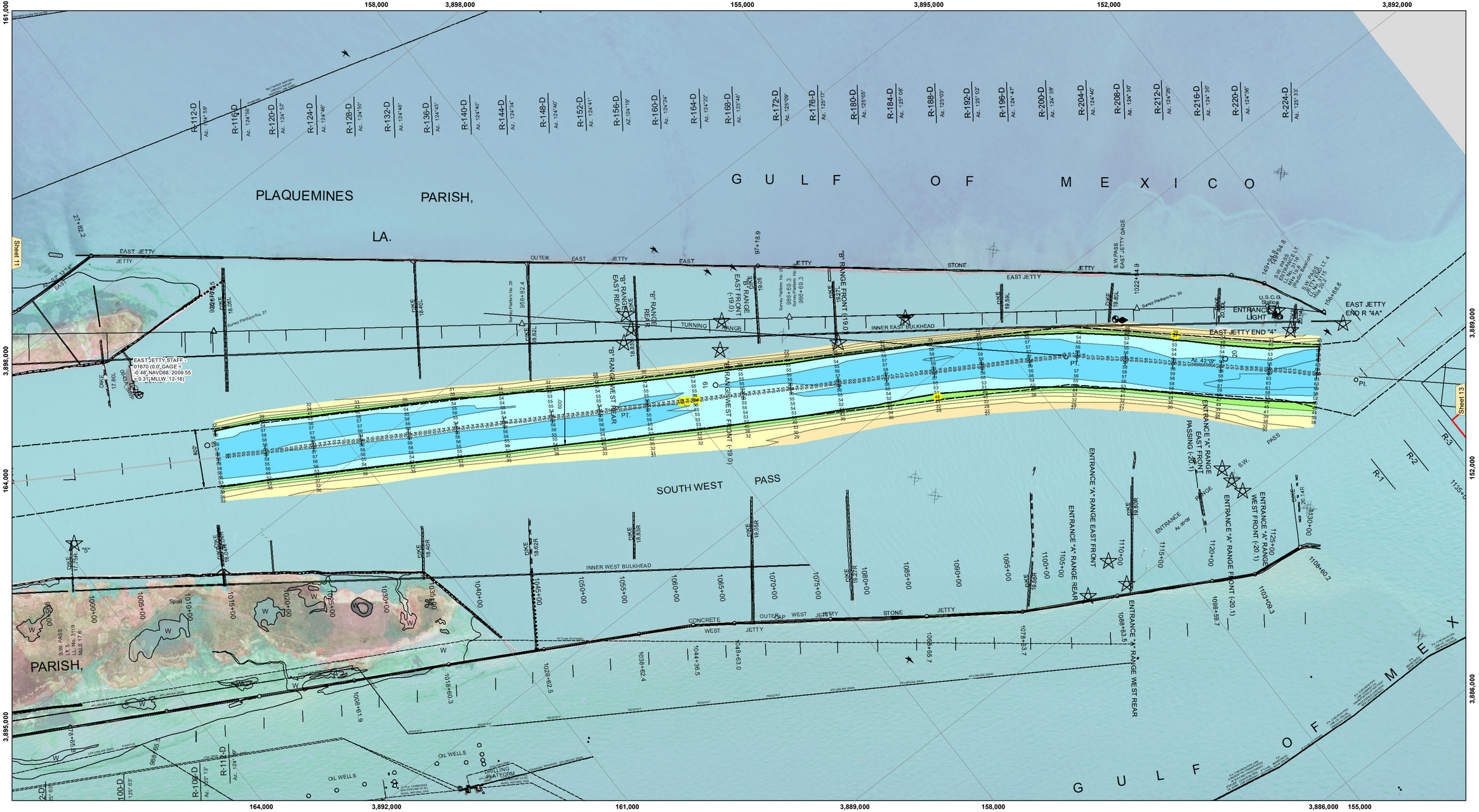

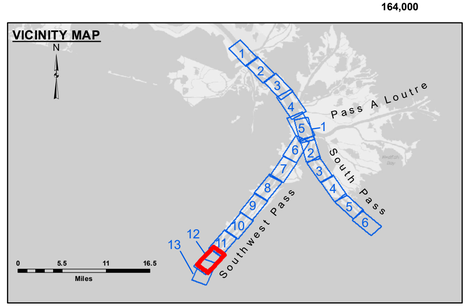

LEGEND

- 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: 1.3 MLLW @ MILE 17.9 @ 0950
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 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.

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

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Distribution Liability: The data represents the results of data collection, analysis and scouring processes. The U.S. Government furnishes this map/data/report/image/product/service/process/activity and indicates the general existing conditions. As such, it is only valid for its intended use; content, time and accuracy expressed, or implied concerning its accuracy, completeness, suitability, or validity for any other purpose or application of any of the application of the data for other than its intended purpose.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: JH & RCC
Plotted By: TSS
Checked By: MSK

Submitted: _____
Recommended: _____ Chief, Survey Section
Approved: _____ Chief Waterways Maintenance Section

MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 12
SW_12_SWP_20231221_CS
21 December 2023

Sheet Reference Number
12 **of** 13

Revison Number:
4.2-20260420