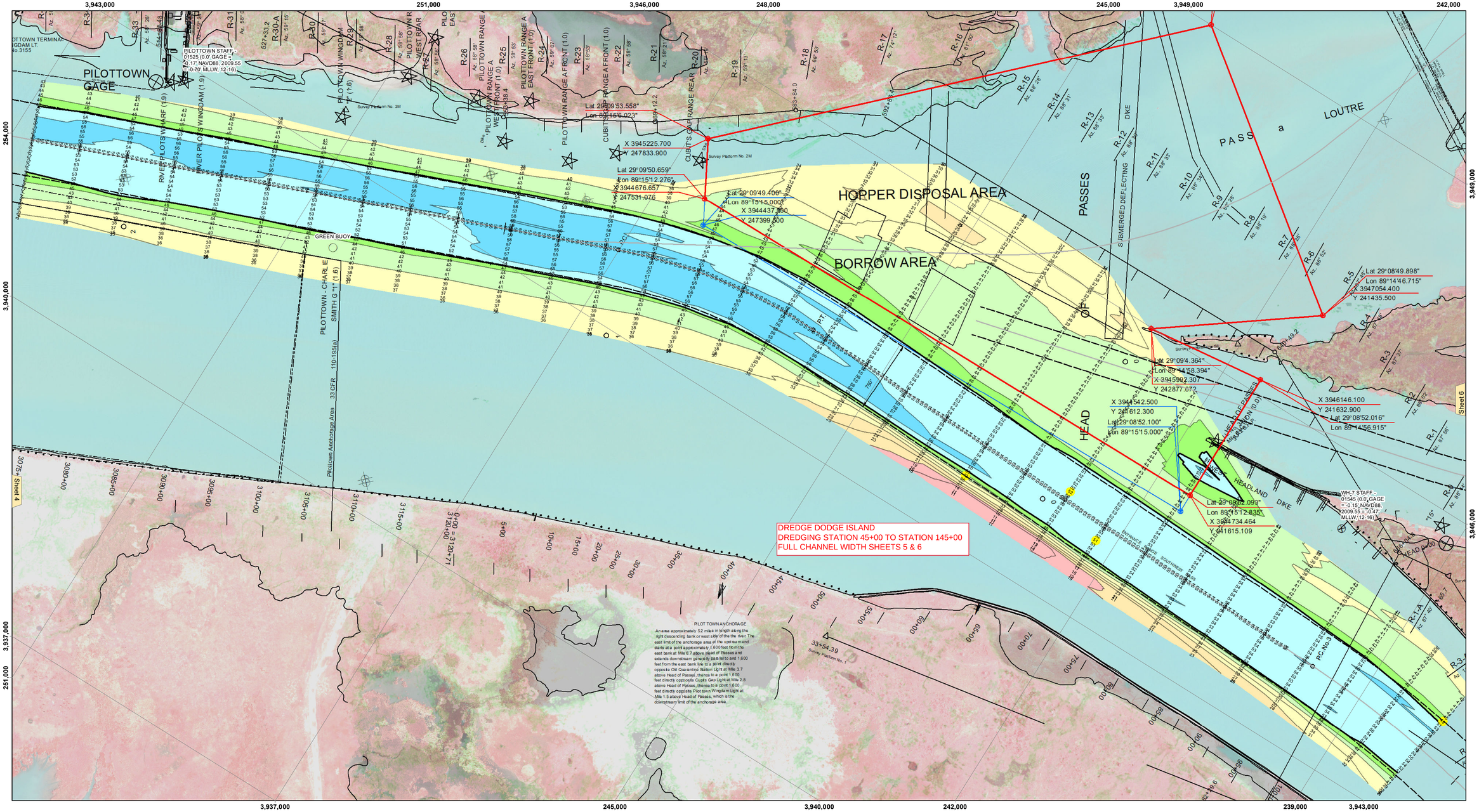

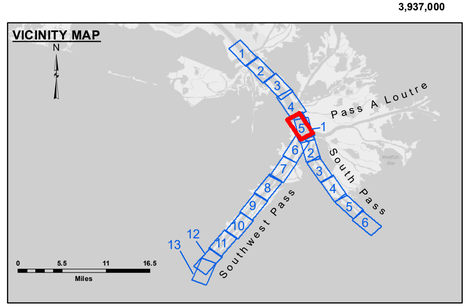

LEGEND

- 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: 0.5 MLLW @ PILOT TOWN @ 0830
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 01525 as of March 2020:
0.0' NAVD88, 2009.55 = -0.53' MLLW = 2.97' 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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The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered as representative of general conditions existing at that time.

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Data Constraints: Hydrographic survey data is subject to change due to natural shoaling and scouring processes. Hydrographic activity and natural shoaling and scouring processes. The U.S. Corps of Engineers makes no representation of the data as to the hydrographical conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers' internal use. Please reference based on this survey report.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

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

Surveyed By: LLB & MGF
Plotted By: TSS
Checked By: MSK

MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 5
SW_05_SWP_20230428_CS
28 April 2023

Sheet Reference Number
5 **of** 13

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