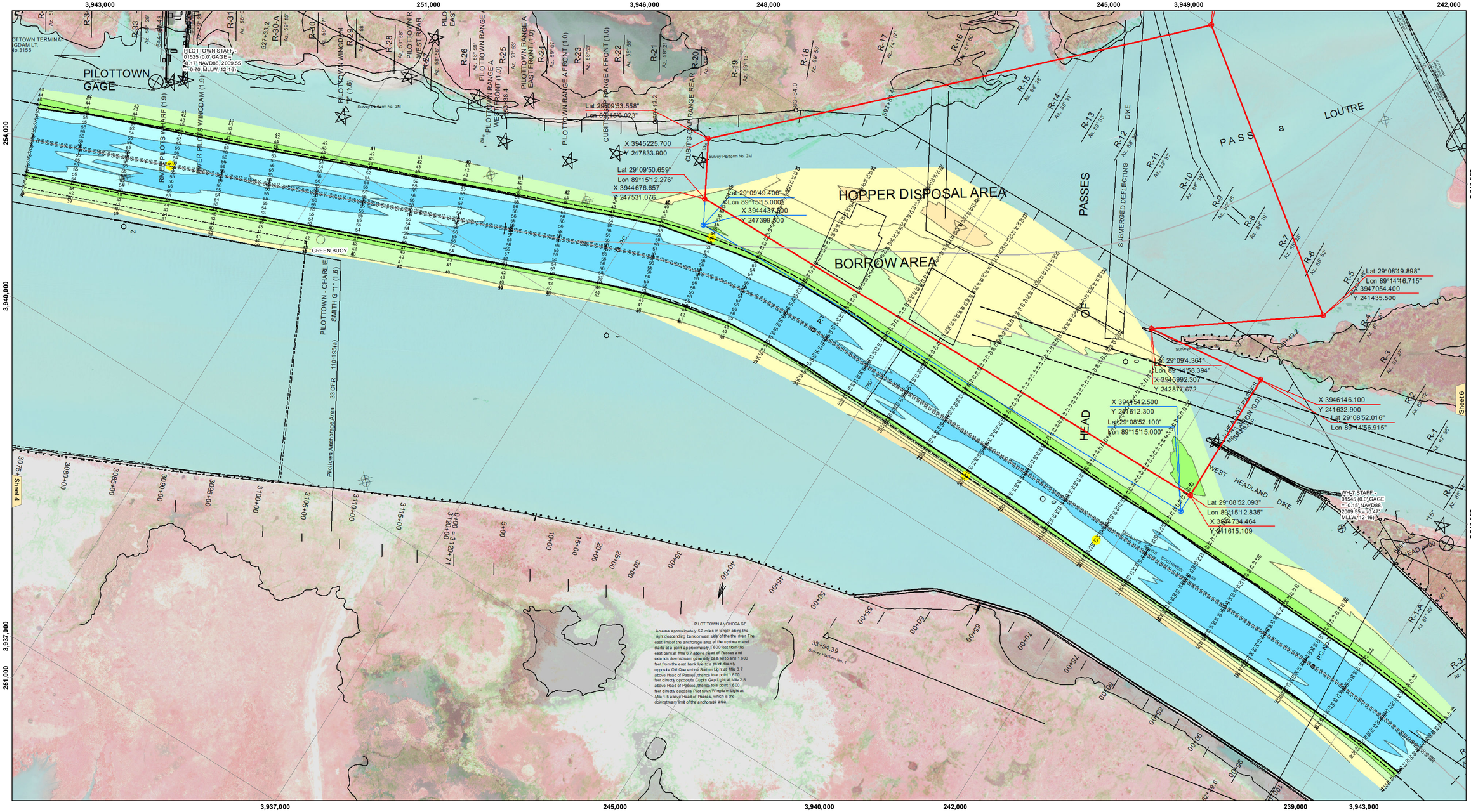

US Army Corps of Engineers
District: CEMVN

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Data Constraints: Hydrographic survey data is subject to change over time due to environmental processes such as shoaling activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers does not control or predict the effects in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Project limitations should be strictly observed.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

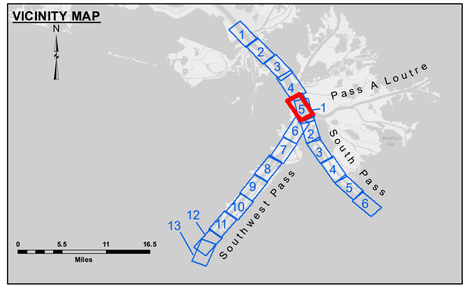
Surveyed By: JH & RCC		
Plotted By: TSS		
Checked By: MSK		
Submitted:		
Recommended:	Chief, Survey Section	
Approved:	Chief, Waterways Maintenance Section	

MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 5
SW_05_SWP_20230801_CS
01 August 2023

Sheet Reference Number
5 of 13

Revison Number:
4.2-20200420

VICINITY MAP



LEGEND

Federal Navigation Channel	Cable Area	Borrow Area	-10' and above
Federal Navigation Center Line	Placement Area	Shoalest Sounding**	-10' to -20'
As-built Pipeline/Cable	Anchorage Area	Beacon, General	-20' to -30'
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy	-30' to -40'
Project Depth Contour	Wrecks-Submerged	Green Navigation Buoy	-40' to -45'
			-45' to -50'
			-50' to -55'
			-55' and below

Gage Reading:	1.0 MLLW @ PILOT TOWN @ 0910
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 consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.