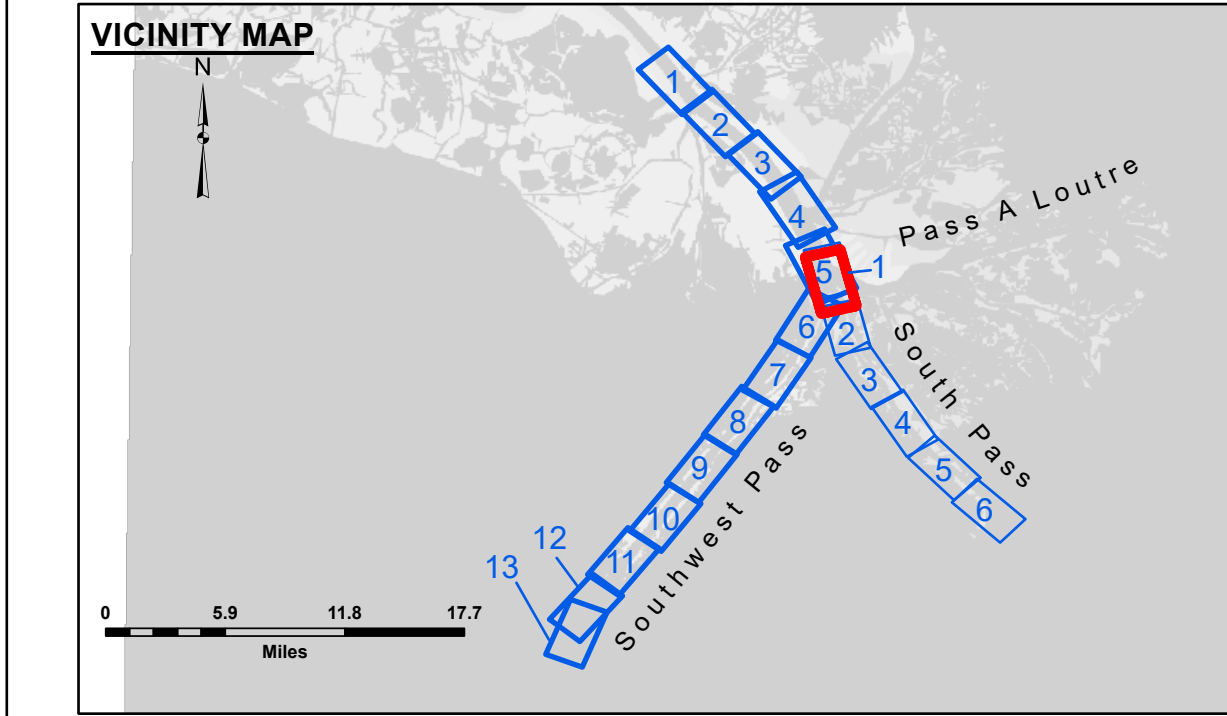
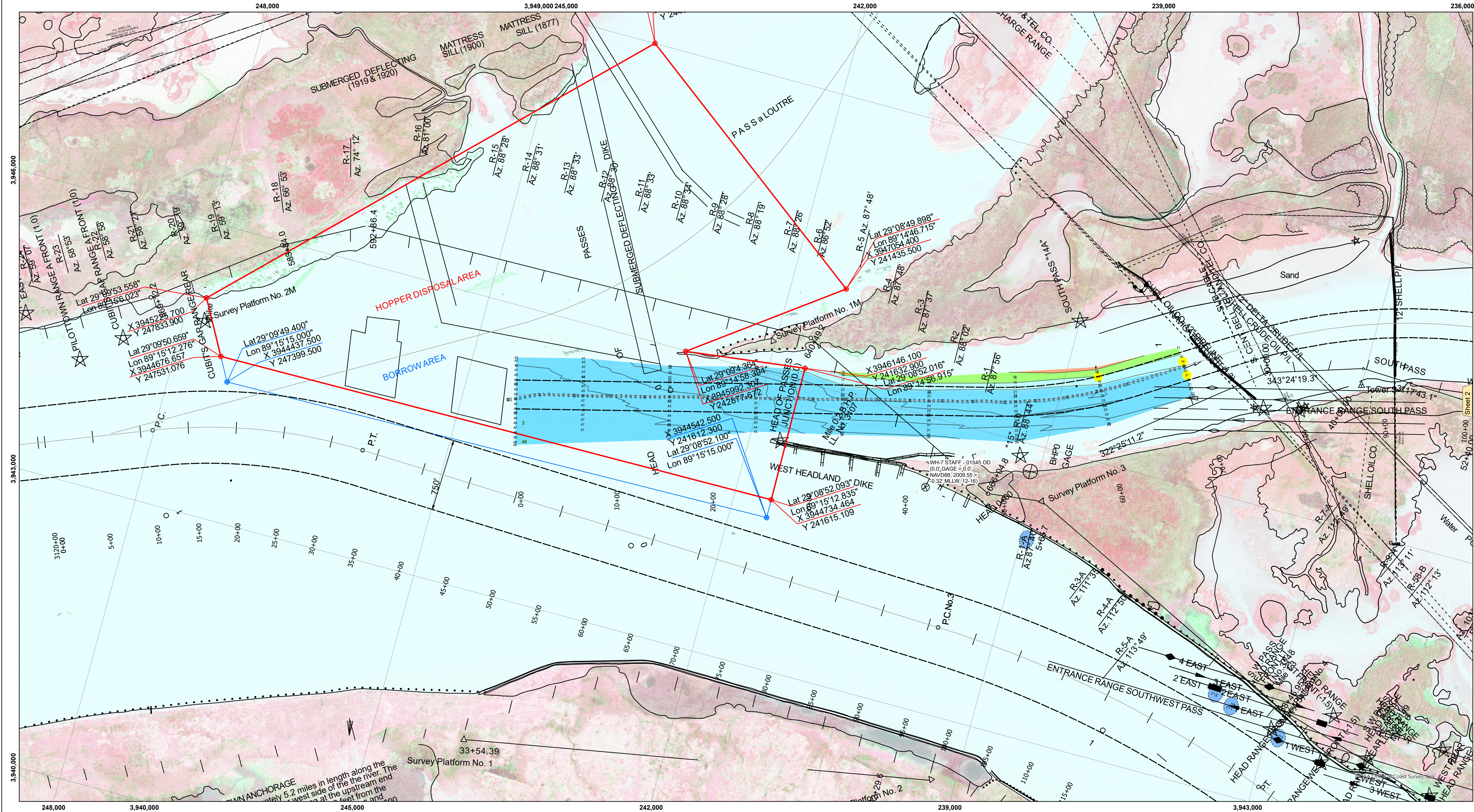




LEGEND			
Federal Navigation Channel	Cable Area	Fluff Thickness (feet)*	-5' and above
Federal Navigation Center Line	Placement Area	Borrow Area	-5' to -10'
As-built Pipeline/Cable	Anchorage Area	Shoalest Sounding**	-10' to -15'
Unconfirmed Pipeline/Cable	Obstruction Point	Beacon, General	-15' to -20.5'
Project Depth Contour	Wrecks-Submerged	Red Navigation Buoy	-20.5' and below
		Green Navigation Buoy	

Gage Reading: 0.5 MLLW @ H.O.P. (01545) @ 0840

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 (MLLW).
Datum Relationships for gage 01545 as of March 2020:
0.0' NAVD83, 2020 = -0.32' 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.

2024 Aerial Photography data source: Optimal GEO (1998 DOQQ in green)

Reference is N.O.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 consolidated bottom
material. Low frequency accuracies may vary depending on channel conditions and fathometer
settings.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted	Surveyed By: MGF & JJC	Plotted By: TSS	Checked By: MSK
Recommended:	Chief Survey Section		Chief Waterways Maintenance Section
Approved:			

MISSISSIPPI RIVER - B.R. TO GULF
SOUTH PASS - SHEET 1
SP_01_SPSX_20251021_CS
21 October 2025

Sheet
Reference
Number
1 of 6

Revision Number:
5.23.12.3-5.23.12.3

US Army Corps
of Engineers
District: CEMVN

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