



LEGEND

Symbol	Description	Color	Depth Range
3	Fluff Thickness (feet)*	Red	-10' and above
○ ○	Cable Area	Light Red	-10' to -20'
—	Federal Navigation Channel	Yellow	-20' to -30'
—	Federal Navigation Center Line	Light Yellow	-30' to -40'
—	As-built Pipeline/Cable	Green	-40' to -45'
.....	Unconfirmed Pipeline/Cable	Light Green	-45' to -50'
—	Project Depth Contour	Cyan	-50' to -55'
—	Placement Area	Blue	-55' and below
○	Shoalest Sounding**	Yellow	
□	Borrow Area	Blue	
□□	Anchorage Area	Black	
○○	Obstruction Point	Black	
★	Beacon, General	Black	
◆	Red Navigation Buoy	Red	
◆◆	Green Navigation Buoy	Green	
→	Wrecks-Submerged	Black	

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 February 2021:
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.

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

Reference is N O A A Navigation Chart No. 11361

** Shortest Sounding per Quarter per Reach

*** High frequency (200 Hz+) survey data represents the first signal return at a sounding.

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 (100 kHz) survey data represents the second signal return at a sounding location and will include bottom sediments.

Survey data normally penetrates through this "fluff" layer to depict elevations of consolidated material. Low frequency accuracies may vary depending on channel conditions and fan shape.

settings.

MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 5
SW_05_SWPX_20251212_CS

Sheet
Reference
Number
5 of 12

Revision Number:
5.23.12.3-5.23.12.3