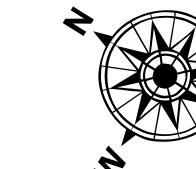


-10' and above
-10' to -20'
-20' to -30'
-30' to -40'
-40' to -45'
-45' to -48.5'
-48.5' to -55'
-55' and below

Gage Reading: 1.2 MLLW @ PILOT TOWN @ 0915
 Sea Conditions: CALM, FLUFF
 Vessel Name: JOHN BOPP
 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, 07-11).
 Datum Relationships for gage 01525 as of July 2015:
 0.0' NAVD88 = -0.3' MLLW = 3.20' 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.

2016 Aerial Photography data source: Precision Aerial Reconnaissance, LLC (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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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	Surveyed By: LLB & TDG
Submitted: One Survey Section	Protected By: TS
Recommended: One Survey Section	Charged By: NSK
Approved: One Waterways Maintenance Section	

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 5
SW_05_SWP_20180302_CS**
02 March 2018

Sheet Reference Number
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Revision Number: 312-20160811