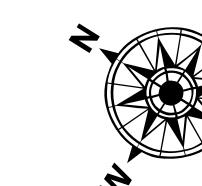


-10' and above
-10' to -20'
-20' to -30'
-30' to -40'
-40' to -45'
-45' to -48.5'
-48.5' to -55'
-55' and below

Gage Reading: 2.1 MLLW @ PILOT TOWN @ 1030
 Sea Conditions: ROUGH, FLUFF
 Vessel Name: JOHN BOPP
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW

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.



Feet
 0 500 1,000 1,500 2,000 2,500

NOTES:
 Horizontal Coordinate System: North American Datum of 1983 (NAVD88), 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.

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Revision Number: 312-20160811

MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 5
SW_05_SWP_20180414_CS
14 April 2018

U.S. ARMY CORPS OF ENGINEERS	NEW ORLEANS DISTRICT
Surveyed By:	JH & TDG
Protected By:	TS
Charged By:	MSK

US Army Corps of Engineers
District: CEMVN

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Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activities, changes in river bed material, and changes in the hydrographic conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers use. Please refer to the document for more details.