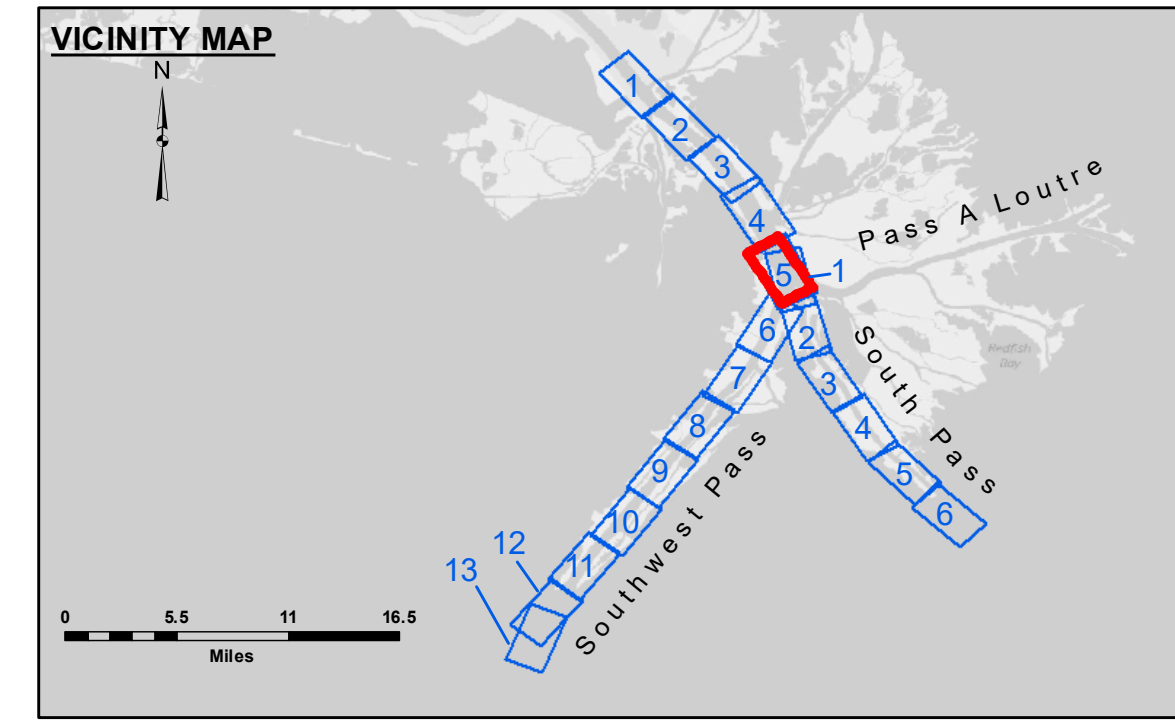


HOPPER DREDGE NEWPORT
DREDGING RGS 22 - 10
FULL CHANNEL WIDTH



<ul style="list-style-type: none"> Federal Navigation Channel Federal Navigation Center Line As-built Pipeline/Cable Unconfirmed Pipeline/Cable Project Depth Contour 	<ul style="list-style-type: none"> Cable Area Placement Area Anchorage Area Obstruction Point Wrecks-Submerged 	<ul style="list-style-type: none"> Borrow Area Shoalest Sounding** Beacon, General Red Navigation Buoy Green Navigation Buoy 	<ul style="list-style-type: none"> -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
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Gage Reading: 2.3 MLLW @ PILOT TOWN @ 0840

Sea Conditions: CHOPPY

Vessel Name: JOHN BOPP

Survey Type: CONDITION, SB

Sounding Frequency***: LOW

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. 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.



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed, implied, or otherwise, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data. The user is responsible for the results and accuracy of any data derived therefrom. The Government shall not be liable under any liability, whatsoever to any person by reason of any use of the data hereunder. These data are being made available to the public under no liability, whatsoever to any person by reason of any use of the data hereunder. The recipient may not transfer these data to others without also transferring this disclaimer. The information depicted on the map represents the results of a survey and is not intended to be used for navigation. The user is responsible for the safety of the vessel and the crew. Product names should not be used without permission.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: JTB & RCC	Plotted By: LLB
Recommended:	Checked By: MSK	Checked By: MSK
Approved:	Sheet, Survey Section	Sheet, Waterways Maintenance Section

**MISSISSIPPI RIVER - B. R. TO GULF
SOUTHWEST PASS - SHEET 5
SW_05_SWP_20200616_CS
16 June 2020**