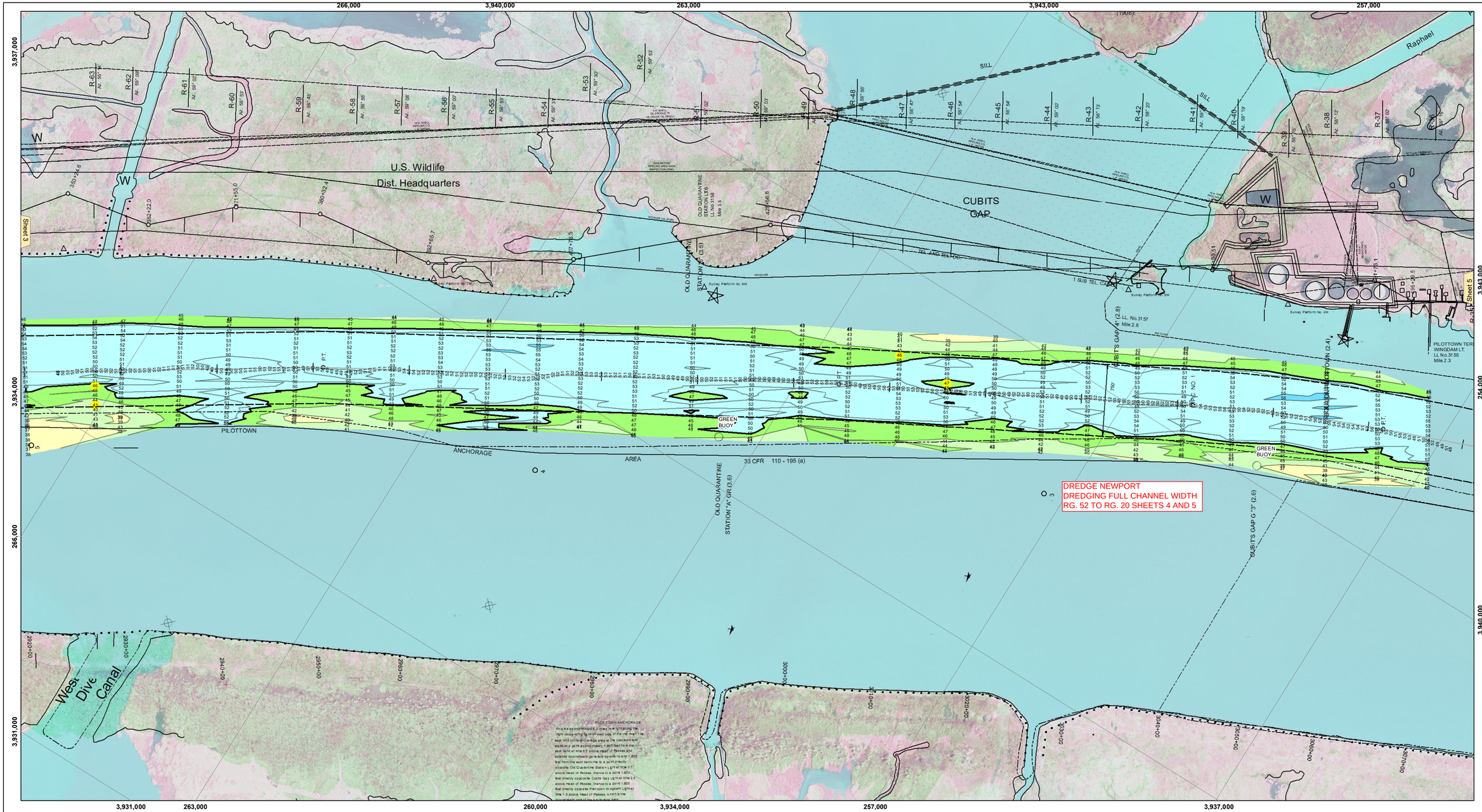

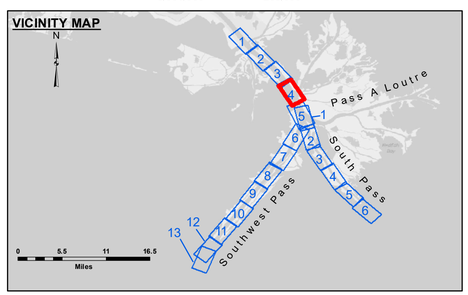

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Borrow Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy
- -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:	2.2 MLLW @ PILOT TOWN @ 1030
Sea Conditions:	CHOPPY SEAS
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

Distribution Liability: The data represents the results of data collection and analysis performed by the Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use; content, time and accuracy of the data beyond this intended use is the sole responsibility of Army of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to natural shoaling and scouring processes. The U.S. Corps of Engineers activity performs periodic surveys to keep up with the hydrographical conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers internal use. Present revenue based on dredging reports.

DISCLAIMER
Access Constraints: The United States Government furnishes this data/information on an "as is" basis and makes no express understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this data/information for any particular purpose. The United States shall be information and the data furnished. The United States shall be not liable for any damages suffered as the result of using, or relying on, the data furnished. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government data, or to remove this disclaimer from these data to others without also transferring this Disclaimer.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered as representing the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:		Surveyed By: JTB & DBD
Recommended:	Chief, Survey Section	Plotted By: RSL
Approved:	Chief, Waterways Maintenance Section	Checked By: IMSK

MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 4
SW_04_SWP_20190724_CS
24 July 2019

Sheet Reference Number
4 **of** 13

Revison Number:
3.12-20160811