

DISTRIBUTION LIABILITY The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and includes the generic existing conditions. As such, the data is not to be used for engineering or scientific accuracy specifications. The user is responsible for the results of any use of this data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to several factors including but not limited to dredging activities, sand shoals and scouring, changes in the river bed, and changes in the hydrographic conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers internal use. External users should not rely upon it.

U.S. ARMY CORPS OF ENGINEERS	
NEW ORLEANS DISTRICT	
Surveyed By:	PSS
Submitted:	
Protected By:	AC
Recommended:	One Survey Section
Approved:	One Waterways Maintenance Section

MISSISSIPPI RIVER - B.R. TO GULF
PHILADELPHIA POINT RECON
MR_19_PHP_20160411
11 April 2016

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 Low Water Reference Plane 2007 (NGVD). Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.

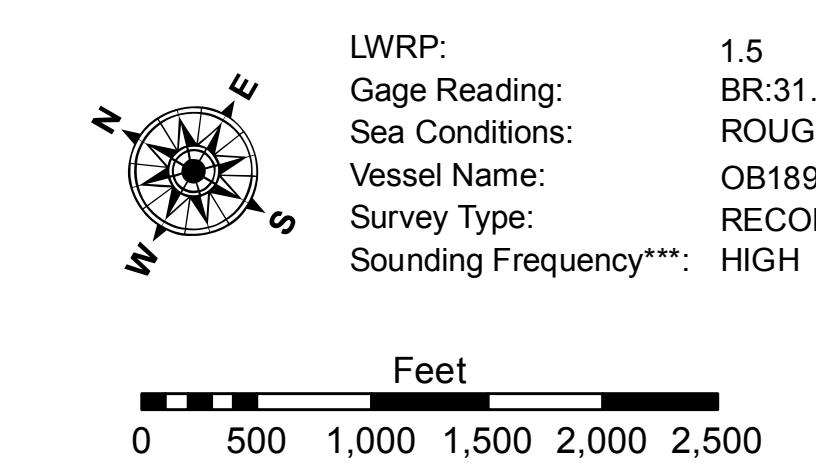
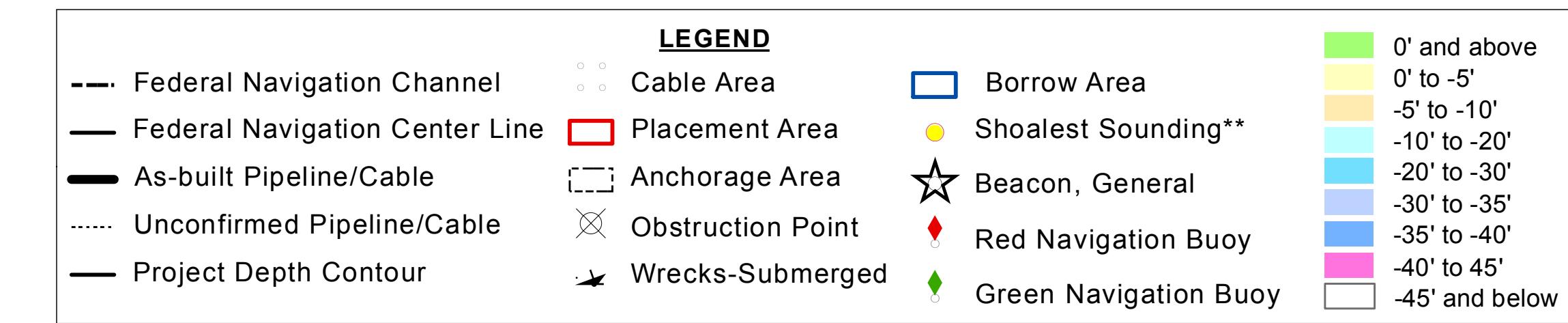
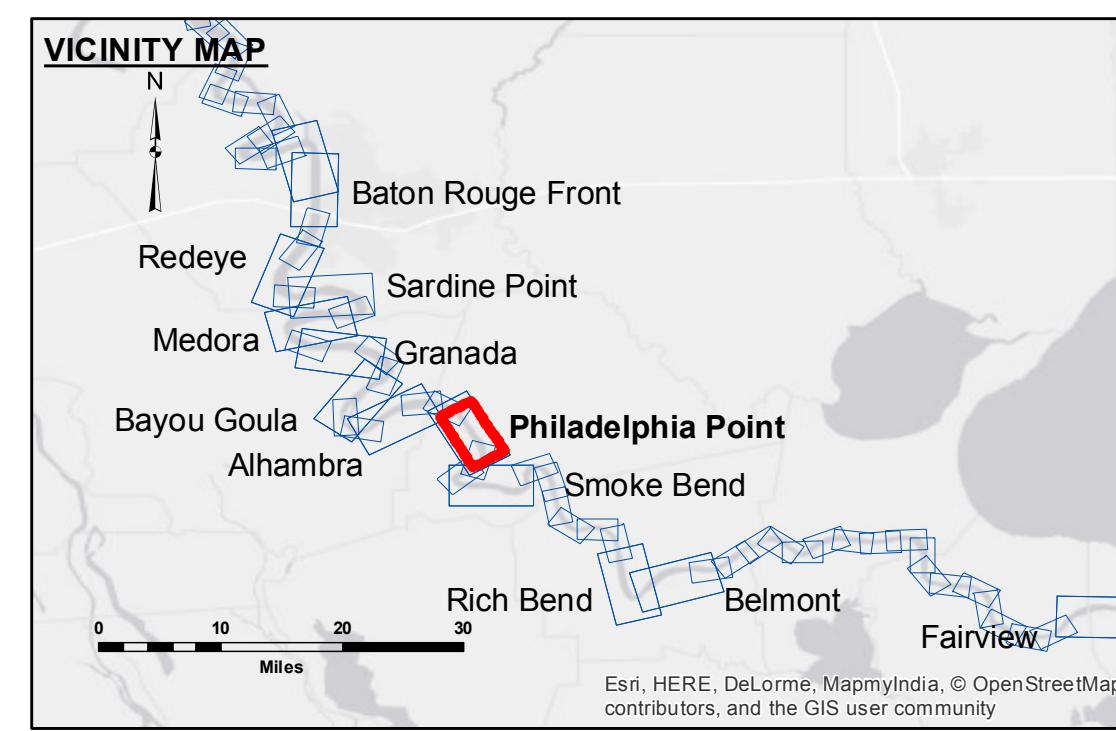
The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE crew.

2010 Aerial Photography data source: NAIP, USDA-FSA-AFPO Aerial Photography Field Office.

Reference is N.O.A.A. Navigation Chart No. 11370.

** Shoal 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 (20 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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