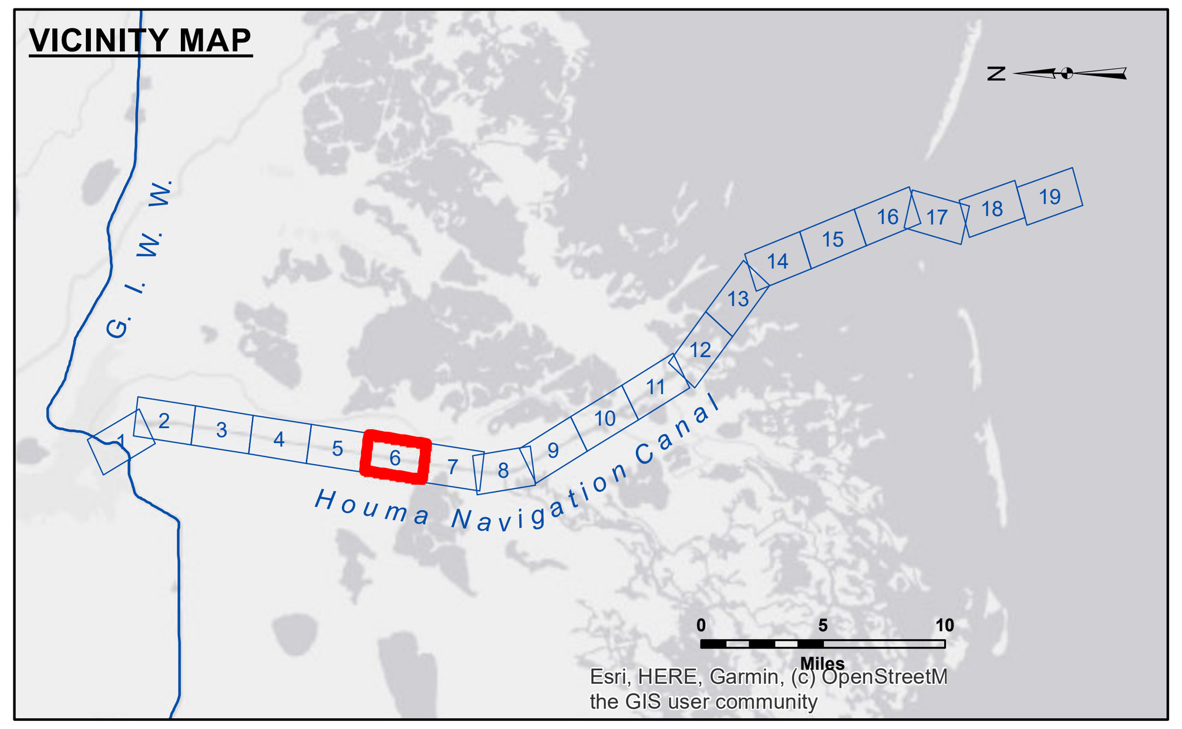

LEGEND

Federal Navigation Channel	Cable Area	Borrow Area	-8' and above
Federal Navigation Center Line	Placement Area	Shoalest Sounding**	-8' to -10'
As-built Pipeline/Cable	Anchorage Area	Beacon, General	-10' to -12'
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy	-12' to -16'
Project Depth Contour	Wrecks-Submerged	Green Navigation Buoy	-16' to -19'
			-19' and below

Gage Reading:	MLLW TIDE
Sea Conditions:	CALM
Vessel Name:	S3009
Survey Type:	CONDITION
Sounding Frequency***:	350kHz

Feet: 0 400 800 1,200 1,600 2,000

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 Datum (MLLW).
Datum Relationships for 76320 as of September 2022:
0.0' NAVD88 (2009.55) = 0.40' MLLW = 1.40' MLG

Distances on the Houma Nav. Canal are shown at 1 mile intervals.

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

2019 Aerial Photography data source: NAIP (1998 DOQQ Imagery in green).

Reference is N.O.A.A. Navigation Chart No. 11355.

** 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 (20 kHz) survey data normally penetrates through this "fluff" layer to depict elevations of consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.

US Army Corps of Engineers
District: CEMVN

U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: NRT
Plotted By: BD
Checked By: MS

Submitted:
Recommended: Chief, Survey Section
Approved: Chief, Waterways Maintenance Section

HOUMA NAVIGATION CANAL
LOWER CHANNEL
HN_06_LWR_20210903_CS_POSTIDA_MLLW
03 September 2021

Sheet Reference Number
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Revison Number:
4.2-20200420