



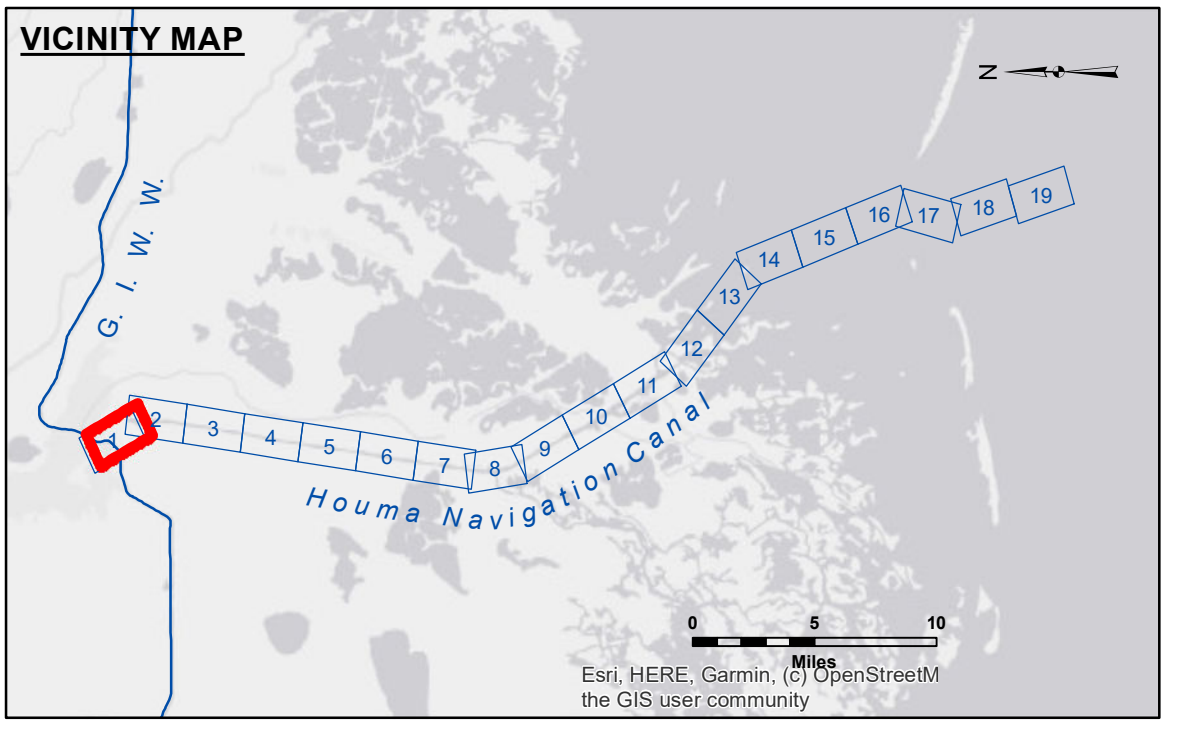
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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: NRT	Plotted By: BD
Recommended:	Checked By: MS	Checked By: MS
Approved:	Chart: Waterways Maintenance Section	

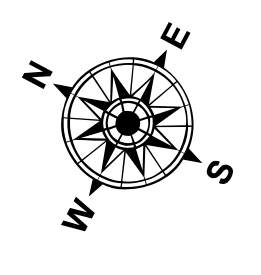
**HOUMA NAVIGATION CANAL
LOWER CHANNEL**
HN_01_LWR_20210903_CS_POSTIDA_MLLW
03 September 2021

Sheet Reference Number
1 of 19

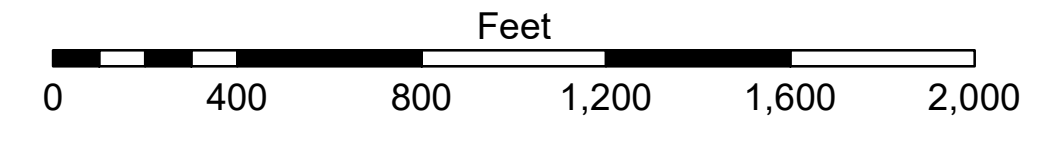
Revision Number:
4-2-2020/04/20



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



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 consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.