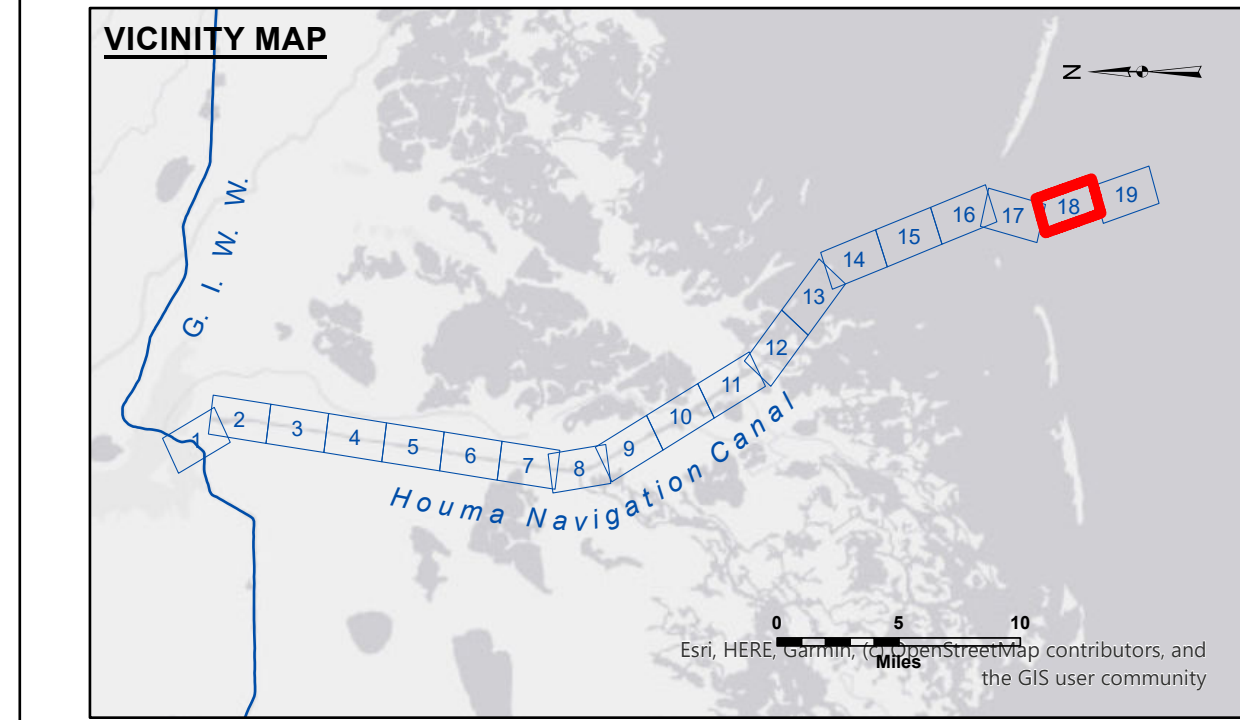
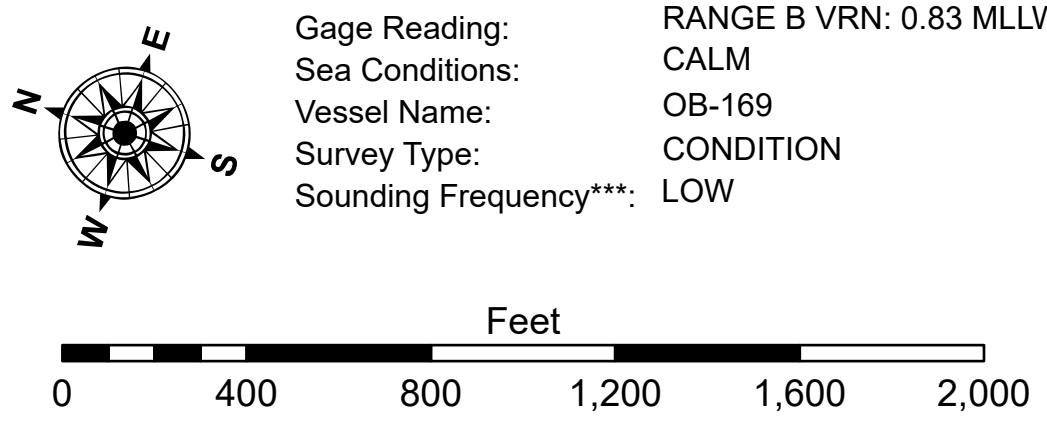




LEGEND							
	Federal Navigation Channel		Cable Area		Borrow Area		-8' and above
	Federal Navigation Center Line		Placement Area		Shoalest Sounding**		-8' to -10'
	As-built Pipeline/Cable		Anchorage Area		Beacon, General		-10' to -12'
	Unconfirmed Pipeline/Cable		Obstruction Point		Beacon, General	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



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 89450 as of September 2022
0.0' NAVD88 (OPUS 2019) = 0.40' MLLW (2012-2016) = 1.40' MLG

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

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

2022 Aerial Photography data source: Optimal GEO, Inc.

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 (200 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 bathymetric
settings.

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Reference
Number
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