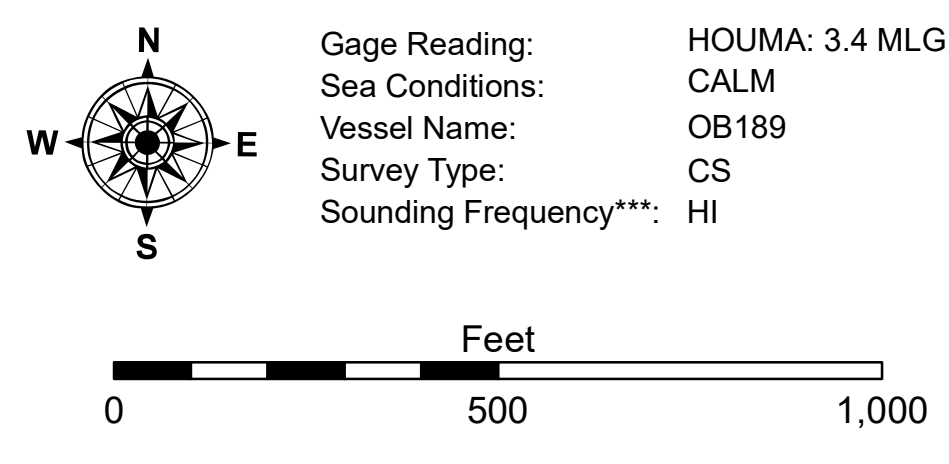


LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -12' and below
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	



Gage Reading: HOUMA: 3.4 MLG
 Sea Conditions: CALM
 Vessel Name: OB189
 Survey Type: CS
 Sounding Frequency***: HI

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 Low Gulf Datum (MLG).
 Mile markers on the G.I.W.W. are shown in one mile intervals.
 The location of navigation aids are base on and provided by the U.S. Coast Guard.
 2017 Aerial Photography data source: NAIP, 1998 DOQQ imagery shown in green from USGS.
 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.



DISCLAIMER:
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information furnished. The recipient shall be responsible for the use of the information under no liability whatsoever to any person by reason of any use made thereof. These data being so furnished, the recipient agrees to indemnify and hold the United States Government harmless from all claims, damages, costs and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of these data by others without the express written consent of the United States Government. The information depicted on this map represents the results of a survey conducted on the date indicated and is not intended to represent the general condition existing at that time.

Submitted:	Surveyed By: DRAO
Recommended: Chief, Survey Section	Plotted By: JH
Approved: Chief, Waterways Maintenance Section	Checked By: JH

GULF INTRACOASTAL WATERWAY
 HOUMA NAV TO CHENE
G_47_H2C_20240914_CS_5X5_POSTSTORM
 14 September 2024

Sheet Reference Number
 47 of 191