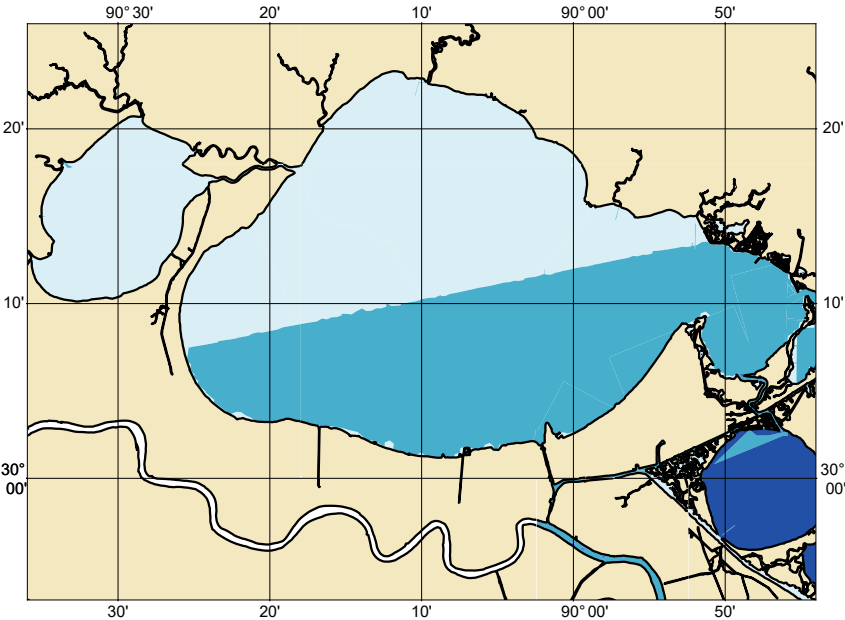


Zone of Confidence (ZOC) Diagram



ZOC CATEGORIES

ZOC	COLOR	POSITION ACCURACY	DEPTH ACCURACY	SEAFLOOR COVERAGE
A1		$\pm 5\text{ m} + 5\% \text{ depth}$ $\pm 16.4\text{ ft} + 5\% \text{ depth}$	$= 0.50\text{ m} + 1\% \text{ d}$ $= 1.6\text{ ft} + 1\% \text{ d}$ $= 0.3\text{ fm} + 1\% \text{ d}$	All significant seafloor features detected.
A2		$\pm 20\text{ m}$ $\pm 65.6\text{ ft}$	$= 1.00\text{ m} + 2\% \text{ d}$ $= 3.3\text{ ft} + 2\% \text{ d}$ $= 0.6\text{ fm} + 2\% \text{ d}$	All significant seafloor features detected.
B		$\pm 50\text{ m}$ $\pm 164.0\text{ ft}$	$= 1.00\text{ m} + 2\% \text{ d}$ $= 3.3\text{ ft} + 2\% \text{ d}$ $= 0.6\text{ fm} + 2\% \text{ d}$	Uncharted features hazardous to surface navigation are not expected but may exist.
C		$\pm 500\text{ m}$ $\pm 1640.4\text{ ft}$	$= 2.00\text{ m} + 2\% \text{ d}$ $= 6.6\text{ ft} + 2\% \text{ d}$ $= 1.1\text{ fm} + 2\% \text{ d}$	Depth anomalies may be expected.
D		Worse than ZOC C	Worse than ZOC C	Large depth anomalies may be expected.
U		Unassessed - The quality of the bathymetric data has yet to be assessed.		

NOAA CUSTOM CHART
NOTES GEOSPATIAL DATABASE
VERSION 3.0B - 20 FEBRUARY 2025

The records of the NOAA Custom Chart Notes Geospatial Database are current as of February 20, 2025. Subsequent additions and refinements are to be expected. Please refer to all available navigational publications for complete information about the charted area.

CAUTION
CHART UPDATES

This NOAA Custom Chart contains up-to-date information only as of the time of creation, and will become outdated. Mariners are advised to visit <https://distribution.charts.noaa.gov/navigation-updates/> to check for critical and routine updates, and to render a new NOAA Custom Chart when the ENC data used to make the chart is updated. Notices to Mariners are not issued for corrections to this NOAA Custom Chart.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard and National Geospatial-Intelligence Agency.

COMMENTS REQUESTED

NOAA encourages users to submit inquiries, discrepancies, or comments about this chart via NOAA's ASSIST tool at <https://nauticalcharts.noaa.gov/customer-service/assist/>.

CAUTION
AUTOMATED CHART GENERATION

This NOAA Custom Chart has been automatically rendered from NOAA Electronic Navigational Chart (NOAA ENC®) data. Mariners using this NOAA Custom Chart are advised that this is a static reproduction of the NOAA ENC®. This NOAA Custom Chart has not been individually quality checked or adjusted for optimal use for navigation. The portrayal may be at a different scale from that of the original NOAA ENC®. Mariners are advised to use caution when using this NOAA Custom Chart for navigation and are encouraged to use the latest NOAA ENC® to access the most up-to-date information. Mariners must also comply with all applicable regulatory requirements.

HEIGHTS

Heights of fixed aids to navigation and vertical clearances of overhead obstructions will be shown in feet if the units are set to feet or fathoms. If units are set to meters, heights will be shown in meters. Land elevation values are shown in meters only.

WATER LEVELS, CURRENTS, AND TIDES

Real-time water levels, tide predictions, and tidal current predictions are available on the internet from NOAA's Center for Operational Oceanographic Products and Services (CO-OPS) at https://tidesandcurrents.noaa.gov/water_level_info.html and https://tidesandcurrents.noaa.gov/currents_info.html.

ABBREVIATIONS

For complete list of Symbols and Abbreviations, see Chart No. 1.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 5 for important supplemental information.

Refer to charted regulation section numbers.

SOUNDING DATUM

Soundings in the Mississippi River 13.4 statute miles above the Head of Passes to Chalmette gage are referred to the Low Water Reference Plane (LWRP), which increases in elevation to 0.9 feet / 0.27 meters above Mean Sea Level.

SOUNDING DATUM

Soundings in the Mississippi River above New Orleans to Bonnet Carre Point are referred to the Low Water Reference Plane (LWRP), which increases in elevation between 1.0 feet / 0.30 meters to 1.1 feet / 0.34 meters above Mean Sea Level.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

ADDITIONAL INFORMATION

Additional information can be obtained at www.nauticalcharts.noaa.gov

SOUNDING DATUM

Soundings referred to Mean Lower Low Water (MLLW).

SOUNDING DATUM

Soundings in the Mississippi River above the Chalmette gage to New Orleans are referred to the Low Water Reference Plane (LWRP), which increases in elevation between 0.9 feet / 0.27 meters to 1.0 feet / 0.30 meters above Mean Sea Level.

SOUNDING DATUM

Soundings in the Mississippi River above Bonnet Carre Point to Reserve are referred to the Low Water Reference Plane (LWRP), which increases in elevation between 1.1 feet / 0.34 meters to 1.2 feet / 0.37 meters above Mean Sea Level.

SOUNDING DATUM

Soundings in the Mississippi River above Reserve to College Point are referred to the Low Water Reference Plane (LWRP), which increases in elevation between 1.2 feet / 0.37 meters to 1.3 feet / 0.40 meters above Mean Sea Level.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, LA or at the Office of the District Engineer, Corps of Engineers in Galveston, TX.

Refer to charted regulation section numbers.

MINERAL DEVELOPMENT STRUCTURES

Obstruction lights and sound (fog) signals are required for fixed mineral development structures, subject to approval by the District Commander, U.S. Coast Guard (33 CFR 67).

VERTICAL DATUM

Overhead clearances are referred to Mean High Water (MHW).

VERTICAL DATUM

Overhead clearances in the Mississippi River above New Orleans are referred to a the Mississippi River 1927 High Water Plane (HWP).

HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations. Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved. Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

VESSEL TRAFFIC SERVICES (VTS)

The U.S. Coast Guard operates a mandatory Vessel Traffic Services (VTS) system in the Lower Mississippi River. Vessel operating procedures and designated radiotelephone frequencies are published in 33 CFR 161, the U.S. Coast Pilot, and/or the VTS User's Manual. Mariners should consult these sources for applicable rules and reporting requirements. Although mandatory VTS participation is limited to the navigable waters of the United States, certain vessels are encouraged or may be required, as a condition of port entry, to report beyond this area to facilitate advance vessel traffic management within the VTS area.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

CAUTION

GAS AND OIL WELL STRUCTURES

Numerous uncharted gas and oil well structures, pipes, piles, and stakes exist within the obstruction area. Uncharted structures may exist outside the obstruction area.

CAUTION

Small craft operators in the Mississippi River - Gulf Outlet Canal are warned to beware of severe water turbulence caused by large vessels traversing narrow waterways.

INTRACOASTAL WATERWAY AIDS

The U.S. Aids to Navigation System is designed for use with nautical charts, and the exact meaning of an aid to navigation may not be clear unless the appropriate chart is consulted. Aids to navigation marking the Intracoastal Waterway exhibit unique yellow symbols to distinguish them from aids marking other waterways. When following the Intracoastal Waterway westward from Carrabelle, FL to Brownsville, TX, aids with yellow triangles should be kept on the starboard side of the vessel and aids with yellow squares should be kept on the port side of the vessel. A horizontal yellow band provides no lateral information, but simply identifies aids to navigation as marking the Intracoastal Waterway.

CAUTION

LIMITATIONS ON THE
USE OF RADIO SIGNALS

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

CAUTION

SUBMERGED CABLES AND PIPELINES

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging or trawling.

Covered wells may be marked by lighted or unlighted buoys.

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CAUTION

A submerged drainage line crosses the Inner Harbor Navigation Canal on the south side of the Florida Ave Bridge. Maximum permissible draft of vessels over the line is 9.1 meters/30 feet M.S.L.

CAUTION

USACE conducts hydrographic surveys to monitor navigation conditions. These surveys are not intended to detect underwater features. Uncharted features hazardous to surface navigation are not expected but may exist in federal channels. For more information visit <https://navigation.usace.army.mil/Survey/Hydro>.

GAS AND OIL WELL STRUCTURES

Uncharted platforms, gas and oil well structures, pipes, piles and stakes exist within Lake St Catherine.

ALONGSIDE DEPTHS

Depths along the wharves are not charted because of continuous silting and repeated dredging in the New Orleans waterfront area.

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

PARIS ROAD BRIDGE CLEARANCE

Consult U.S. Coast Pilot 5 for further information on vertical bridge clearance.

CAUTION FLOATING DEBRIS

Mariners are warned that logs and other floating debris are constant dangers to navigation. Night travel by small craft is not recommended because of the hazard of floating obstructions.

CAUTION

Improved channels are subject to shoaling, particularly at the edges.

PROHIBITED AREA

Regulations are published in chapter 7, U.S. Coast Pilot 5.

CRECENT CITY CONNECTION FIXED HIGHWAY BRIDGES

Fixed green lights mark the channel centerline. Red lights mark the outside edges of the channel.

BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

MISSISSIPPI RIVER BUOYS

Due to frequently changing river stages and river currents, which often necessitate the repositioning, discontinuance, and establishment of floating aids to navigation, many buoys maintained by the U.S. Coast Guard are not shown, with the exception of the Huey P. Long Bridge approach buoys and the lighted wreck buoy "WR4" at mile 115.4. Consult the U.S. Coast Guard Light List (Vol IV, Gulf of America) and the Local Notice to Mariners, for additional information.

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NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.
Baton Rouge, LA KHB-46 162.400 MHz

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.
Buras, LA WXL-41 162.475 MHz

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.
New Orleans, LA KHB-43 162.550 MHz

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.
Bogalusa, LA WNG-521 162.525 MHz

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.
Morgan City, LA KIH-23 162.475 MHz