

**NOTE B**  
Mariners are cautioned against anchoring, dredging, or trawling in the area due to the possible existence of unexploded ordnance.

**NOTE A**  
Regulation requirements are published in Chapter 2, U.S. Coast Pilot 6. Additional regulations to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commandant, 9th Coast District in Cleveland, Ohio or at the Office of the District Engineer, Corps of Engineers in Detroit, Michigan. Refer to district regulation section numbers.

**CABLE AND PIPELINE AREAS**  
The cable and pipeline areas falling within the area of the larger scale charts are shown thereon and are not repeated on this chart.

**MARKER ACTIVATED SOUND SIGNALS**  
Sound signals labeled with (MARSAS) require user activation. See USCG Light List.

**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 Office or from race committees. Race buoys are not all listed in the U.S. Coast Guard Light List.

**NOAA WEATHER RADIO BROADCASTS**  
The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna and may be as much as 100 nautical miles for stations at high elevations.

Alpena, MI	WV-63	162.550 MHz
St. Ignace, MI	WV-69	162.400 MHz
Sault Ste. Marie, MI	WV-74	162.550 MHz
Gaylord, MI	WV-75	162.550 MHz

**CAUTION**  
**POTABLE WATER INTAKE**  
Vessels operating in these water intakes or rivers shall not discharge sewage, oil, or other waste water within such areas adjacent to domestic water intakes as are designated by the Commissioner of Fish and Game (CFR 192.93). Consult U.S. Coast Pilot 6 for important supplemental information.

**CAUTION**  
**SUBMERSIBLE PIPELINES AND CABLES**  
Charted submersible pipelines and submarine cables and submarine pipeline and cable areas are shown as follows:  
- Pipeline Area  
- Cable Area  
Additional uncharted submersible pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be marked, and those that were originally buried may have become exposed. Mariners should use caution when operating vessels in depths of water compatible to both drain or cross where pipelines and cables may exist, and when anchoring, dredging, or trawling. Covered wires may be marked by lighted or unlighted buoys.

**CAUTION**  
**NO DISCHARGE ZONE 40 CFR 140**  
NO DISCHARGE ZONE 40 CFR 140 and St. Clair all waterways connected thereto, and all waterways subject to the discharge of sewage, oil, and other waste water, are prohibited from discharging any sewage, treated or untreated, into the waters. Commercial sewage disposal units are prohibited. All vessels with an installed marine sanitation device (MSD) that are operating in the area shall be anchored or secured within a NDZ. Vessels shall be prohibited from discharging any sewage, treated or untreated, or other waste water into the NDZ. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) website: <http://www.epa.gov/contaminatedwaters/ndz/>.

**CAUTION**  
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notices to Mariners.  
During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

**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).

**CAUTION**  
Due to periodic high water conditions in the Great Lakes, some features charted as visible at Low Water Datum may be submerged, particularly in the near shore areas. Mariners should proceed with caution.

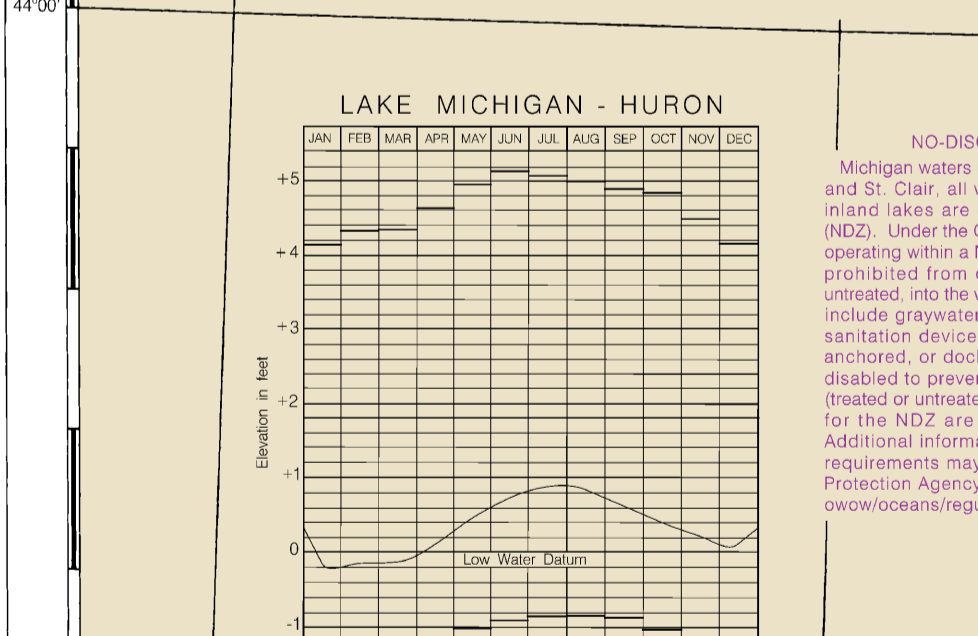
**WARNING**  
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

**CAUTION**  
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.  
Station positions are shown thus:  
○ (radio location)    - (approximate location)

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**NOTE**  
Vessel Traffic Service calls in port, show indicates direction of vessel movement. Mandatory calling in points are identified numerically. Voluntary calling in points are identified alphabetically. For additional information see U.S. Coast Guard Pilot and the U.S. and Canadian Notices to Mariners.

**CAUTION**  
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.



**CAUTION**  
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial Intelligence Agency and Coast Pilot 6 (CP) published monthly by the U.S. Coast Guard. Other corrections are shown in the lower left hand corner. Chart corrections from Notice to Mariners published after the date shown in the lower left hand corner are not shown on this chart.

Use NOAA electronic navigational charts for the most up-to-date information.

37th Ed., May 2016, Last Correction: 2/24/2021, Cleared Through: 1/16/2022 (2/2/2021), NR 021 (2/2/2021), OAS 021 (1/26/2021).  
This chart meets the requirements of the International Hydrographic Organization (IHO) S-57 standard.

**POD providers fulfill a vessel's requirement to carry a navigational chart published by the National Ocean Service in accordance with federal regulations, including but not limited to 33 C.F.R. 164.33(a), 33 C.F.R. 164.72(b), and 46 C.F.R. 28.225(a). POD charts meet stringent print standards and can be recognized by an official certification of authenticity printed on the chart. A list of POD providers can be found at: [nauticalcharts.noaa.gov/pod](http://nauticalcharts.noaa.gov/pod)**

**UNITED STATES - GREAT LAKES**

**LAKE HURON**

Polynomial Projection  
Scale 1:500,000  
North American Datum of 1983  
(World Geodetic System 1984)

**SOUNDINGS IN FEET IN BLUE TINT AREAS AND IN FATHOMS ELSEWHERE**

Additional information can be obtained at nauticalcharts.noaa.gov

**NOTES**

**PLANE OF REFERENCE OF THIS CHART (Low Water Datum)** ..... 577.5 R  
Referred to mean water level at Remouski, Quebec, International Great Lakes Datum (1985).

**AIDS TO NAVIGATION** Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation. See Canadian Light List for supplemental information concerning aids to navigation. See Canadian Light List for Fog Signals for information not included in the U.S. Coast Guard Light List.

**SYMBOLS AND ABBREVIATIONS** For complete list of symbols and abbreviations see Chart No. 1.

**BRIDGE AND OVERHEAD CABLE CLEARANCES** When the water surface is above Low Water Datum, bridge and overhead clearances are reduced correspondingly. For clearances see U.S. Coast Pilot 6.

**AUTHORITIES** Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geographical Survey, U.S. Coast Guard and Canadian authorities.

**OMISSION OF DETAIL** Owing to the small scale, many aids to navigation, depths, contours and topographic features have been omitted. For detail consult Coast and Harbor Charts.

**SUPPLEMENTAL INFORMATION**  
Consult U.S. Coast Pilot 6 for important supplemental information.

**SOURCE**  
A 1960-2015 NOAA Survey M bottom coverage  
B 1991-1999 NOAA Lake Survey Surveys partial bottom coverage  
C 1974-1974 Lake Survey Surveys partial bottom coverage  
D 1974-1974 Lake Survey Surveys partial bottom coverage

**SCALE 1:500,000**  
Feet: 0 10 20 30 40 50 60 70 80 90 100  
Meters: 0 10 20 30 40 50 60 70 80 90 100

**LAKE HURON**  
SOUNDINGS IN FEET AND FATHOMS - SCALE 1:500,000