PORT INLAND
MICHIGAN
Scale 1:10,000
SOUNDINGS IN FEET

ST. JAMES HARBOR
MICHIGAN
Scale 1:15,000
SOUNDINGS IN FEET

NOTE 2
NO-DISCHARGE ZONE, 40 CFR 140
Michigan waters of Lakes Michigan, Huron, Superior, Erie and St. Clair, all waterways connected thereto, and all inland lakes are designated as a No-Discharge Zone (NDZ). This chart falls entirely within the limits of a No-Discharge Zone (NDZ). Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. Commercial vessel sewage must be retained on board or must be discharged using a sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/.

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 site, but can be 100 to 200 nautical miles for stations at high elevations.

Newberry, MI	WNG-576	162.450 MHz
Sault Ste Marie, MI	KIG-74	162.550 MHz

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which is the horizontal datum for all new charts referred to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1902 must be corrected an average of 0.65" southward and 0.89" westward to agree with this chart.

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.

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

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

UNITED STATES - GREAT LAKES
LAKE MICHIGAN - MICHIGAN
WAUGOSHANCE PT
TO SEUL CHOIX PT

Polyconic Projection
Scale 1:80,000
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FEET
Additional information can be obtained at nauticalcharts.noaa.gov.

NOTES
PLANE OF REFERENCE OF THIS CHART (Low Water Datum) ..... 577.5 ft.
Referred to mean water level at Rimouski, Quebec, International Great Lakes Datum (1985)
SAILING DIRECTIONS. Bearings of sailing courses are true and distances given thereon are in statute miles between points of departure.
AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.
SYMBOLS AND ABBREVIATIONS. For complete list of symbols and abbreviations see Chart No. 1.
AUTHORITIES. Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey and U. S. Coast Guard.

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.

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).

NOTE D
Mariners are warned that numerous uncharted stakes and fishing structures, some submerged, may exist in the area of this chart. Such structures are not charted unless known to be permanent.

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

Sailing courses and limits indicated in magenta are recommended by the Lake Carriers Association and the Canadian Shipowners Association.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 6. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 9th Coast Guard District in Cleveland, Ohio or at the Office of the District Engineer, Corps of Engineers in Detroit, Michigan.
Refer to charted regulation section numbers.

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:
⊙(Accurate location) ○(Approximate location)

SOURCE DIAGRAM
Most of the hydrography identified by the letter 'S' was surveyed by the U.S. Army Corps of Engineers prior to 1974. Channels currently maintained by the U.S. Army Corps of Engineers are periodically resurveyed, and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE
B1 1990-2005 NOS Surveys — partial bottom coverage
1 Pre-1974 Lake Survey Surveys — partial bottom coverage

SCALE 1:80,000
Nautical Miles
Statute Miles
Yards
Meters

Latitude and Longitude Plotting Interpolator

22nd Ed., Feb. 2016
14911
Last Correction: 11/29/2016. Cleared through:
LNM: 4716 (11/22/2016), NM: 4816 (11/26/2016), CHS: 1016 (10/28/2016)
To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).
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Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued monthly by each U.S. Coast Guard district to the dates shown in the lower left-hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left-hand corner are available at the sources given below.

NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm.

SOUNDINGS IN FEET

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FATHOMS | FEET | METERS

Waugoshance Pt to Seul Choix Pt
SOUNDINGS IN FEET - SCALE 1:80,000

14911