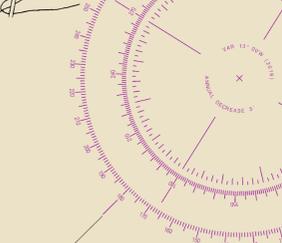
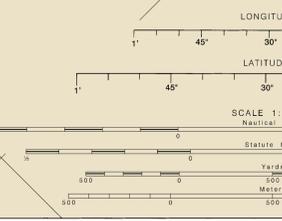


SOURCE DIAGRAM
 Most of the hydrography identified by the letter "Y" was surveyed by the U.S. Army Corps of Engineers prior to 1974. Other outlined areas represent the areas of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been indicated in this diagram by date and type of survey. 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	
g	Canadian Charts partial bottom coverage
l	Lake Survey Charts partial bottom coverage



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.

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 Notices to Mariners.

WARNING
 The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

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.

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.

Watertown, NY WYN-68 162.475 MHz

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
 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
 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.

CAUTION
 SPEED REGULATIONS. See U.S. Rules and Regulations for U.S. waters, 33 CFR Part 461, contained in the Seaway Handbook.

CAUTION
 SUBMARINE PIPELINES AND CABLES
 Charted submarine pipelines and submarine cables and submarine pipeline and cable areas within this chart.

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 Buffalo, New York.

NOTE B
 The improved channels and canals in the deep waterway between the Port of Montreal and Lake Erie are designed for a controlling water depth of 27 feet. The loaded draft and speed of vessels in any part of the deep waterway shall be controlled by the Master according to the vessel's characteristics, and its tendency to list or squat, so as not to strike bottom.

NOTE C
 In the Seaway channels, maximum permitted draft will be currently prescribed by the St. Lawrence Seaway Development Corporation and the St. Lawrence Seaway Management Corporation. Owners and operators of vessels are urged to refer to the Seaway Handbook.

NOTE D
 NOAA encourages users to submit inquiries, discrepancies or comments about this chart at <http://www.nauticalcharts.noaa.gov/submit/chart>.

CAUTION
 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 in depths of water comparable to those depths in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

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CAUTION
 The horizontal reference datum of this chart is the North American Datum of 1983 (NAD 83). For charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.3M corrected and 1.169 seaward to agree with this chart.

CAUTION
 The horizontal reference datum of this chart is the North American Datum of 1983 (NAD 83). For charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.3M corrected and 1.169 seaward to agree with this chart.

CAUTION
 The horizontal reference datum of this chart is the North American Datum of 1983 (NAD 83). For charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.3M corrected and 1.169 seaward to agree with this chart.

CAUTION
 The horizontal reference datum of this chart is the North American Datum of 1983 (NAD 83). For charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.3M corrected and 1.169 seaward to agree with this chart.

CAUTION
 The horizontal reference datum of this chart is the North American Datum of 1983 (NAD 83). For charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.3M corrected and 1.169 seaward to agree with this chart.

CAUTION
 The horizontal reference datum of this chart is the North American Datum of 1983 (NAD 83). For charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.3M corrected and 1.169 seaward to agree with this chart.

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THE NATION'S CHARTMAKER SINCE 1807
 UNITED STATES - GREAT LAKES
 ST. LAWRENCE SEAWAY - NEW YORK

ST. LAWRENCE RIVER
 MORRISTOWN, N.Y. TO BUTTERNUT BAY, ONT.

Polyconic Projection
 Scale 1:15,000
 North American Datum of 1983
 (World Geodetic System 1984)

SOUNDINGS IN FEET
 Additional information can be obtained at nauticalcharts.noaa.gov.

HORIZONTAL DATUM
 The horizontal reference datum of this chart is the North American Datum of 1983 (NAD 83). For charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.3M corrected and 1.169 seaward to agree with this chart.

NOTES
 PLANE OF REFERENCE OF THIS CHART (Low Water Datum). Depths are referred to the sloping surface of the river when Lake Ontario is at elevation 243.3 feet. Referenced to mean water level at Fenwick, Quebec, International Great Lakes Datum (IGLD).

AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation. See Canadian List of Lights, Buoy and 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, Geological Survey, U.S. Coast Guard, and Canadian authorities.



CAUTION
 POTABLE WATER INTAKE
 Vessels operating in fresh water lakes or rivers shall not discharge sewage, oil, ballast, or other water within such areas adjacent to domestic water intakes as are designated by the Commissioner of Food and Drugs (21 CFR 120.005). Consult U.S. Coast Pilot 6 for important supplemental information.

