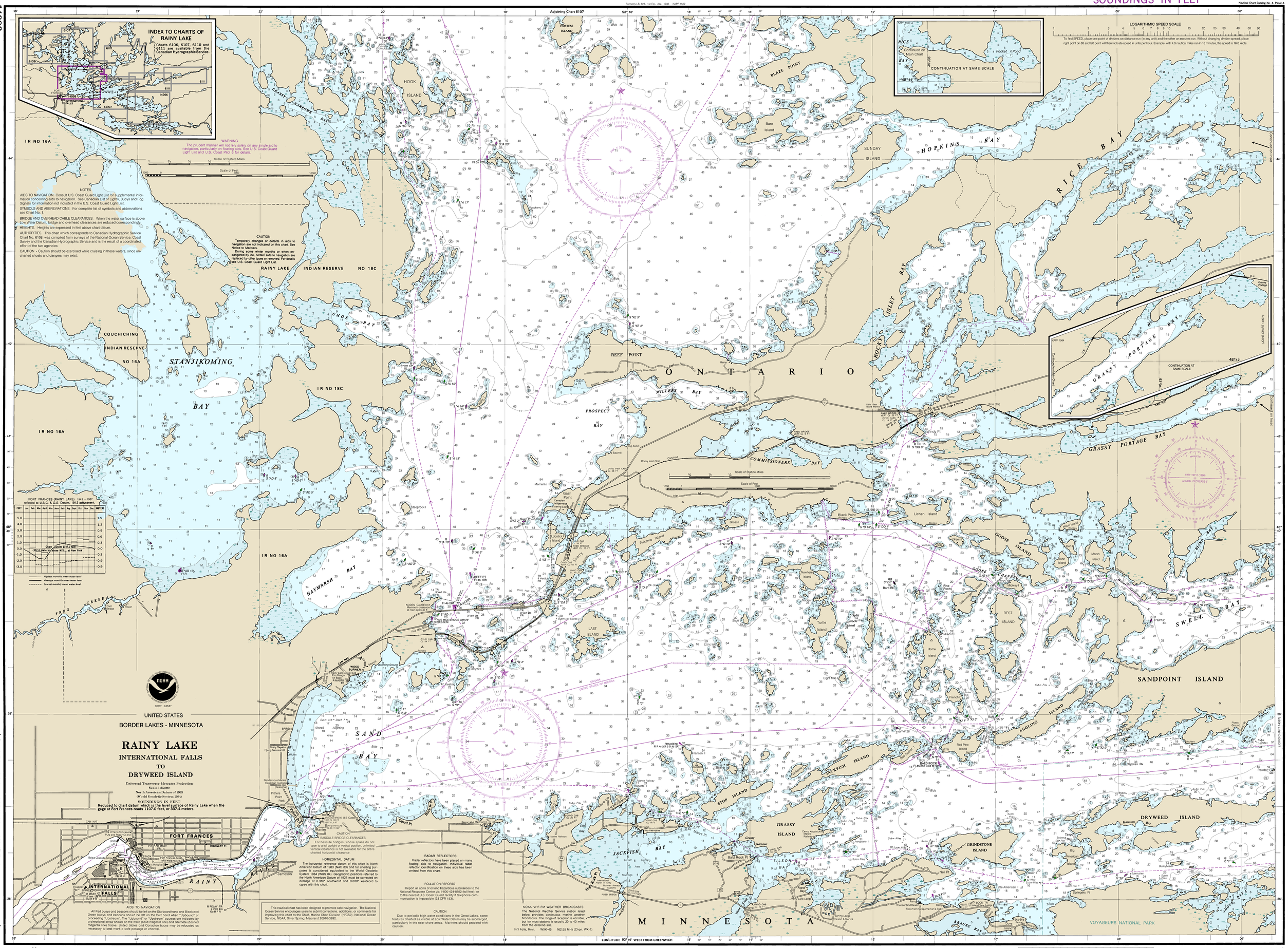
INDEX TO CHARTS OF RAINY LAKE
Charts 6106, 6107, 6110 and 6111 are available from the Canadian Hydrographic Service.
Adjoining Chart 6107
LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.
CONTINUATION AT SAME SCALE
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 6 for details.
Scale of Statute Miles
Scale of Feet
NOTES
AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation. See Canadian List of Lights, Buoys 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.
HEIGHTS. Heights are expressed in feet above chart datum.
AUTHORITIES. This chart which corresponds to Canadian Hydrographic Service Chart No. 6108, was compiled from surveys of the National Ocean Service, Coast Survey and the Canadian Hydrographic Service and is the result of a coordinated effort of the two agencies
CAUTION - Caution should be exercised while cruising in these waters, since uncharted shoals and dangers may exist.
CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice 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.
FORT FRANCES (RAINY LAKE) 1949 - 1967
referred to U.S.C. & G.S. Datum, 1912 adjustment
Highest monthly mean water level
Average monthly mean water level
Lowest monthly mean water level
UNITED STATES
BORDER LAKES - MINNESOTA
RAINY LAKE
INTERNATIONAL FALLS TO DRYWEED ISLAND
Universal Transverse Mercator Projection
Scale 1:25,000
North American Datum of 1983 (World Geodetic System 1984)
SOUNDINGS IN FEET
Reduced to chart datum which is the level surface of Rainy Lake when the gage at Fort Frances reads 1107.0 feet, or 337.4 meters.
CAUTION
BASCULE BRIDGE CLEARANCES
For bascule bridges, whose spans do not pivot to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.
HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) and for charting purposes it is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected on average of 0.318" southwest and 0.630" 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.
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.
NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.
Int'l Falls, Minn. WXK-45 162.55 MHz (Chan. WX-1)
AIDS TO NAVIGATION
All Red buoys and beacons should be left on the Starboard hand and Black and Green buoys and beacons should be left on the Port hand when "Upbound" or proceeding "Lipstream". The "Upbound" or "Upstream" courses are indicated by a directional arrow shown on the main (solid magenta line) and alternate (dashed magenta line) tracks. United States and Canadian buoys may be relocated as necessary to best mark a safe passage or channel.
This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.
LONGITUDE 93° 16' WEST FROM GREENWICH
ONTARIO
MINNESOTA
RAINY LAKE
INDIAN RESERVE NO 18C
COUCHICHING INDIAN RESERVE NO 16A
STANJIKOMING BAY
HAYMARSH BAY
SAND BAY
FORT FRANCES
INTERNATIONAL FALLS
RAINY RIVER
HOOK ISLAND
BLAZE POINT
SUNDAY ISLAND
HOPKINS BAY
RICE BAY
REEF POINT
MILLERS BAY
PROSPECT BAY
COMMISSIONERS BAY
GRASSY PORTAGE BAY
GOOSE ISLAND
SWELL BAY
SANDPOINT ISLAND
ANGULING ISLAND
GRASSY ISLAND
JACKFISH BAY
DRYWEED ISLAND
GRINDSTONE ISLAND
VOYAGEURS NATIONAL PARK
Continued on Inset
Continued on Chart 14997
Continued on Chart 14999
LOAD LINE CHART
Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY
Rainy Lake
SOUNDINGS IN FEET - SCALE 1:25,000
14998
15th Ed., Sept. 12/98
CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the National Imagery and Mapping Agency, the Canadian Department of Fisheries and Oceans, and the Local Notice to Mariners issued periodically by each U.S. Coast Guard District. Cleared through: See the lower left hand corner.
Last Correction: 10/3/2013
LNM: 4616 (11/15/2016), NM: 4616 (11/12/2016), 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).
If the line does not measure six inches (152 millimeters), this copy is not certified safe for navigation.
This chart was distributed as a PDF (Portable Document Format). Printing PDFs may alter the chart scale, color, or legibility that may impact suitability for navigation. Printed charts provided by NOAA certified Print on Demand (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
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