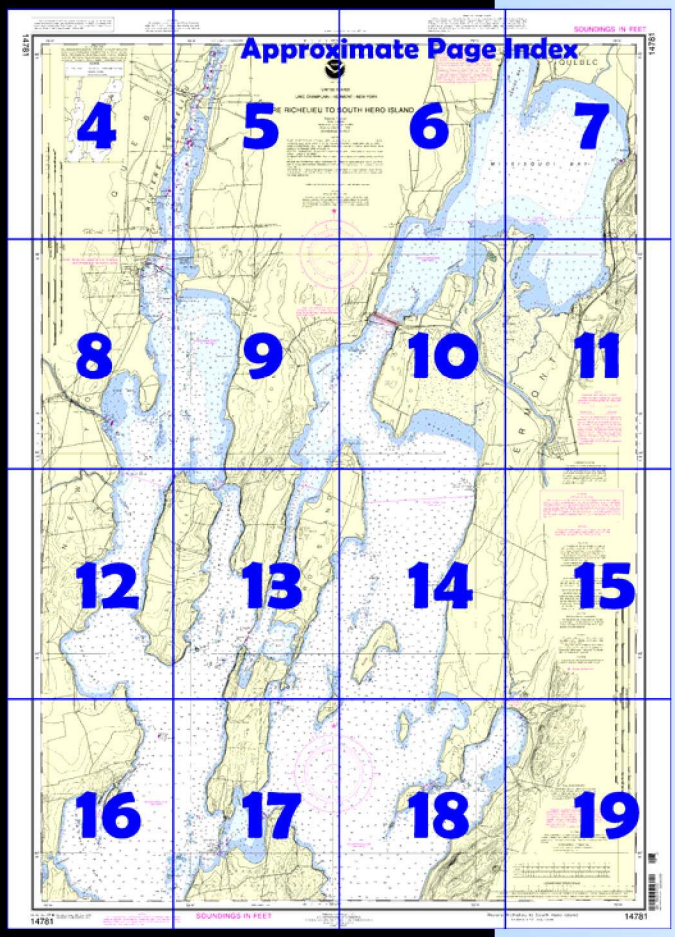
BookletChart™

Riviere Richelieu to South Hero Island

(NOAA Chart 14781)



A reduced scale NOAA nautical chart for small boaters. When possible, use the full size NOAA chart for navigation.

- ☑ *Complete, reduced scale nautical chart*
- ☑ *Print at home for free*
- ☑ *Convenient size*
- ☑ *Up to date with all Notices to Mariners*
- ☑ *United States Coast Pilot excerpts*
- ☑ *Compiled by NOAA, the nation's chartmaker.*

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NOAA
U.S. DEPARTMENT OF COMMERCE

Home Edition (not for sale)

Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
301-713-2770

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

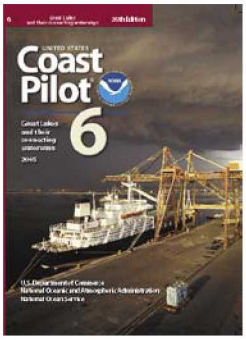
This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.



[Coast Pilot 6, Chapter 14 excerpts]

(25) **Lake Champlain** extends from the lower end of Champlain Canal at Whitehall, N.Y., N for about 112 miles to the International boundary at Rouses Point, N.Y. The N end of the lake outlets N through Riviere Richelieu and Canal de Chambly to the St. Lawrence River.

(26) The principal ports on the lake are Port Henry, N.Y., at the S end, Burlington, VT, and Plattsburgh, N.Y., near midlake, and Rouses Point, N.Y., at the N end. The lake is used extensively by pleasure craft, and marinas are found on both sides throughout its length.

(65)**Grand Isle** or **South Hero Island**, North Hero Island 14781North Hero Island, and **Alburg Tongue** divide the N part of Lake Champlain into two arms. **Missisquoi Bay** is at the N end of the E arm, and Riviere Richelieu flows N from the W arm.

(66) **Lamoille River,** 2.8 miles N of Mallets Bay, is navigable at low stages only by motorboats drawing 1 to 2 feet. The channel through the fixed span of the bridge that connects the S end of Grand Isle with the mainland had a reported controlling depth of less than 2 feet in 1977. **Missisquoi River,** flowing into the S side of Missisquoi Bay, is navigable at low stages by motorboats drawing 1 to 2 feet for about 6 miles to Swanton. **Dead Creek,** the alternate entrance to the river, has depths of 2 to 12 feet.

(67) Marinas are in the E arm of the N end of Lake Champlain on the SE side of Grand Isle, at the NE end of **Burton Island** on the W side of **St. Albans Bay,** in **City Bay** on the E side of North Hero Island, and on the E side of **Alburg Passage.** Lifts handling boats to 25 feet are available.

(69) **Great Chazy River** flows into the W side of Lake Champlain about 4 miles S of Rouses Point, N.Y. The entrance to the river is marked by private lighted and unlighted buoys. The river is navigable at low stages by small boats drawing 2 to 3 feet for about 6 miles to Champlain. In June 2003, the controlling depth in the entrance channel was 1.2 feet. In 1977, a depth of 5 feet was reported to be available to the marina 0.5 mile above the mouth.

(70) Marinas are in **Mooney Bay** (44°47.2'N., 73°22.0'W.) opposite the S end of North Hero Island and 0.5 mile above the mouth of Great Chazy River. Lifts handling boats up to 25 feet are available.

(71) **Rouses Point, N.Y.**, is a town and harbor on the W side of the N end of Lake Champlain, just S of the International boundary. The harbor is formed by a bight that extends 2 miles N from **Stony Point.** A detached breakwater, marked at the outer end by a light, extends NE from Stony Point to protect the harbor from S, and a pile railroad trestle protects the harbor from NE.

(72) The harbor has depths of 6 to 8 feet in all seasons of the year, except for depths of 4 feet and less on a reef that extends 0.5 mile S from the point that encloses the N end of the harbor. Anchorage bottom in the harbor is good.

(73) Rouses Point is a **customs port of entry.**

(76) A protected basin is between the railroad trestle and a 500-foot pier just S. The outer 200 feet of the basin has depths of 6 to 8 feet, and the inner part is foul. Marinas at Rouses Point provide transient berths, gasoline, diesel fuel, water, ice, electricity, sewage pump-out, and some marine supplies. A 10-ton mobile lift is available for hull and engine repairs.

(77) The **International boundary** between the United States and Canada is on a general E and W line about 2.7 statute miles (2.3 nm) N of **Stony Point** (44°58.5'N., 73°21.7'W.).

Table of Selected Chart Notes

Ⓟ Pump-out facilities

Corrected through NM Nov. 13/04
Corrected through LNM Nov. 2/04

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

CAUTION
SUBMARINE PIPELINES AND CABLES
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area *Cable Area*

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.

CAUTION
Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge construction area. Mariners are advised to proceed with caution.

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

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 endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which 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 0.147" northward and 1.535" eastward to agree with this chart.

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)

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).

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.

Burlington, Vt	KIG-60	162.40 MHz	**(Chan. WX-2)**

COPYRIGHT
No copyright is claimed by the United States Government under Title 17 U.S.C. However, other nations may claim intellectual property rights on the compilation of data depicting the foreign waters shown on 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, 1st Coast Guard District in Boston, MA or at the Office of the District Engineer, Corps of Engineers in New York, New York.
Refer to charted regulation section numbers.

SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels 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.

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.

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 periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

CAUTION
POTABLE WATER INTAKE
Vessels operating in fresh water lakes or rivers shall not discharge sewage, or ballast, or bilge water within such areas adjacent to domestic water intakes as are designated by the Commissioner of Food and Drugs (21 CFR 1250.93). Consult U.S. Coast Pilot 6 for important supplemental information.

CAUTION
CHANGES in BUOYAGE
Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red and green as appropriate. Changes to aids to navigation will be announced in the National Geospatial-Intelligence Agency weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

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.

PLANE OF REFERENCE OF THIS CHART (Low Water Datum).....93.0ft.
Referred to mean water level at Rimouski, Quebec, International Great Lakes Datum (1985).

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.

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.

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

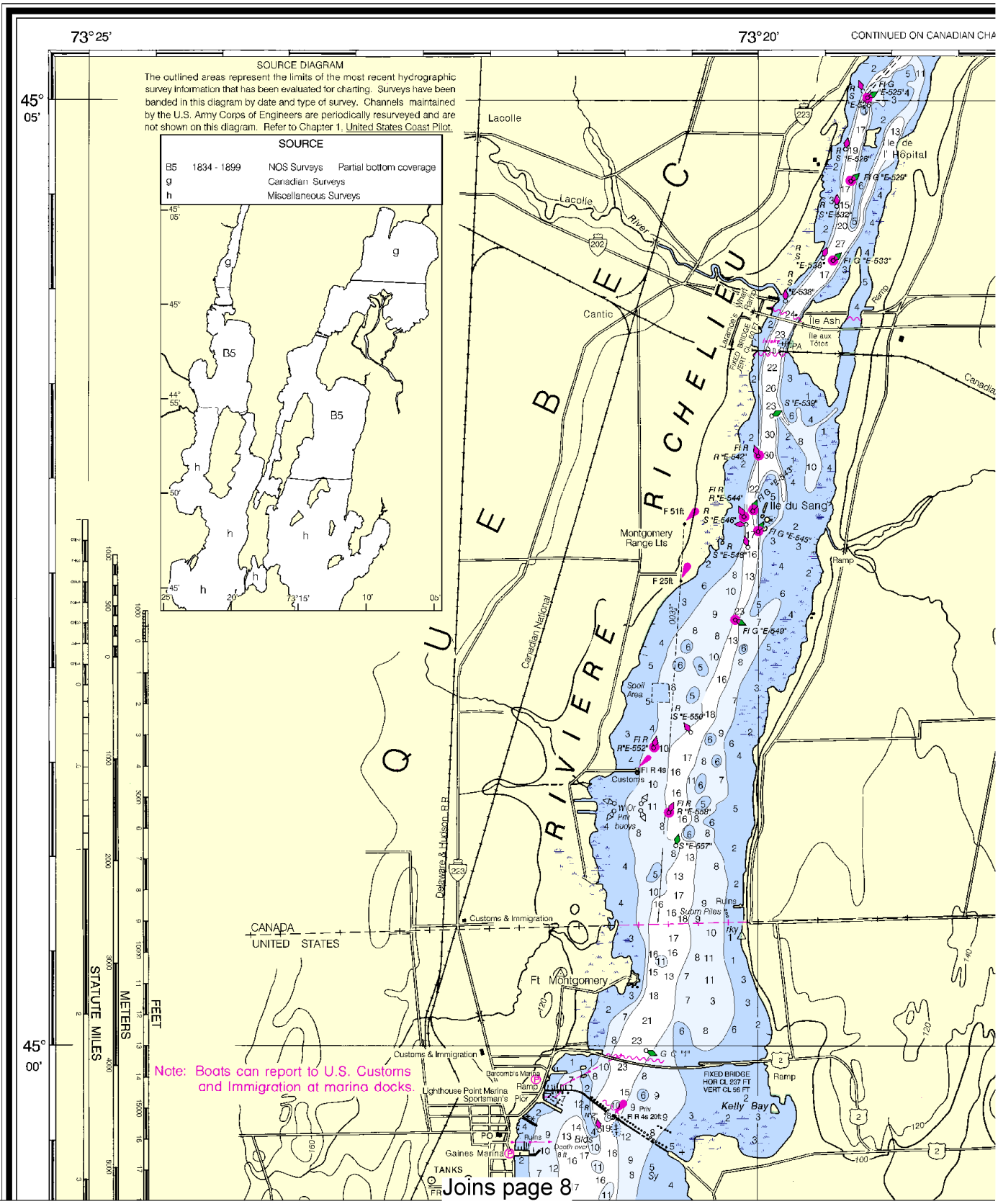
AIDS TO NAVIGATION. Consult U.S. Coast Guard LIght List for supplemental information concerning aids to navigation.

PRINT-ON-DEMAND CHARTS
NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, http://NauticalCharts.gov, help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHART, http://OceanGrafix.com, or help@OceanGrafix.com.

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.

COPYRIGHT
No copyright is claimed by the United States Government under Title 17 U.S.C. However, other nations may claim intellectual property rights on the compilation of data depicting the foreign waters shown on this chart.

14781



4

North

Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

PRINT-ON-
NOAA and its partner, OceanGrafix, offer thi
and critical corrections. Charts are printed wi
Editions are available 5-8 weeks before their re
about Print-on-Demand charts or contact N
help@NauticalCharts.gov, or OceanGrafi
help@OceanGrafix.com.

Formerly LS 171. 1st Ed., Jan. 1879 KAFP 1023

16' 45' 30' 15' 73°15' 50"

NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE
COAST SURVEY

UNITED STATES

LAKE CHAMPLAIN—VERMONT—NEW YORK

RIVIERE RICHELIEU TO SOUTH HERO ISLAND

Polyconic Projection
Scale 1:40,000
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FEET

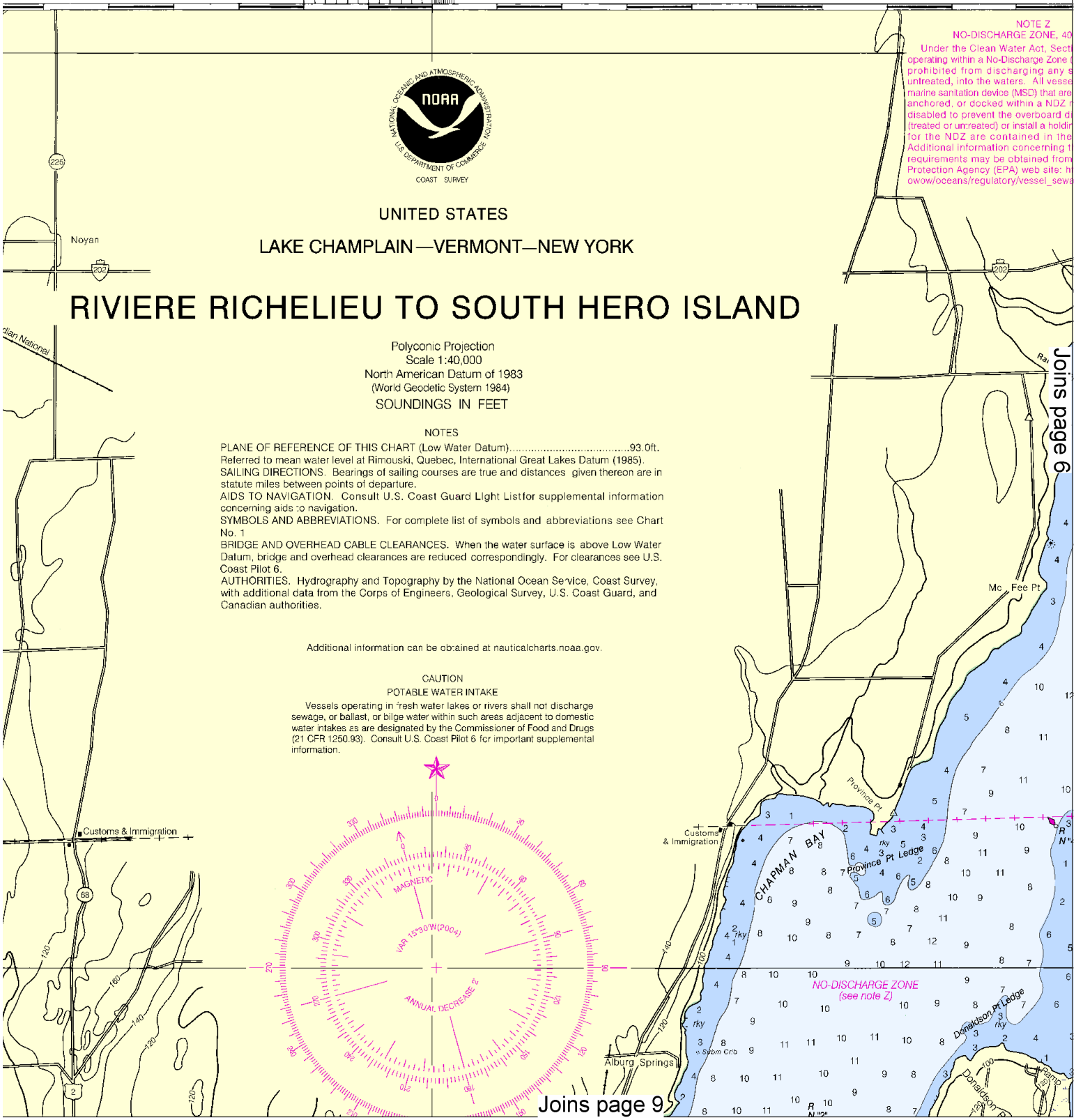
NOTES

PLANE OF REFERENCE OF THIS CHART (Low Water Datum).....93.0ft.
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
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.

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

CAUTION
POTABLE WATER INTAKE
Vessels operating in fresh water lakes or rivers shall not discharge sewage, or ballast, or bilge water within such areas adjacent to domestic water intakes as are designated by the Commissioner of Food and Drugs (21 CFR 1250.93). Consult U.S. Coast Pilot 6 for important supplemental information.

NOTE Z
NO-DISCHARGE ZONE, 40
Under the Clean Water Act, Sect
operating within a No-Discharge Zone
prohibited from discharging any s
untreated, into the waters. All vesse
marine sanitation device (MSD) that are
anchored, or docked within a NDZ
disabled to prevent the overboard di
(treated or untreated) or install a holdin
for the NDZ are contained in the
Additional information concerning t
requirements may be obtained from
Protection Agency (EPA) web site: h
owow/oceans/regulatory/vessel_sewa



This BookletChart was reduced to 75% of the original chart scale.
The new scale is 1:53333. Barscales have also been reduced and
are accurate when used to measure distances in this BookletChart.

NOAA a
and critical
Editions are
about Print
help@Nau
help@Ocea

Formerly LS 171. 1st Ed., Jan. 1879 KAFP 1023

CONTINUED ON CANADIAN CHART 1351

16' 45' 30' 15' 73°15' 50"

UNITED STATES

LAKE CHAMPLAIN—VERMONT—NEW YORK

RIVIERE RICHELIEU TO SOUTH HERO ISLAND

Polyconic Projection
Scale 1:40,000
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FEET

NOTES

PLANE OF REFERENCE OF THIS CHART (Low Water Datum).....93.0ft. 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

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.

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

CAUTION

POTABLE WATER INTAKE

Vessels operating in fresh water lakes or rivers shall not discharge sewage, or ballast, or bilge water within such areas adjacent to domestic water intakes as are designated by the Commissioner of Food and Drugs (21 CFR 1250.93). Consult U.S. Coast Pilot 6 for important supplemental information.

MAGNETIC
VAR 15°30'W(2004)
ANNUAL DECREASE 2'

Noyan
Canadian National
Customs & Immigration
CHAPMAN BAY
Province Pt
Province Pt Ledge
NO-DISCHARGE ZONE
(see note 2)
Alburg Springs

Joins page 5

Joins page 10

North

Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

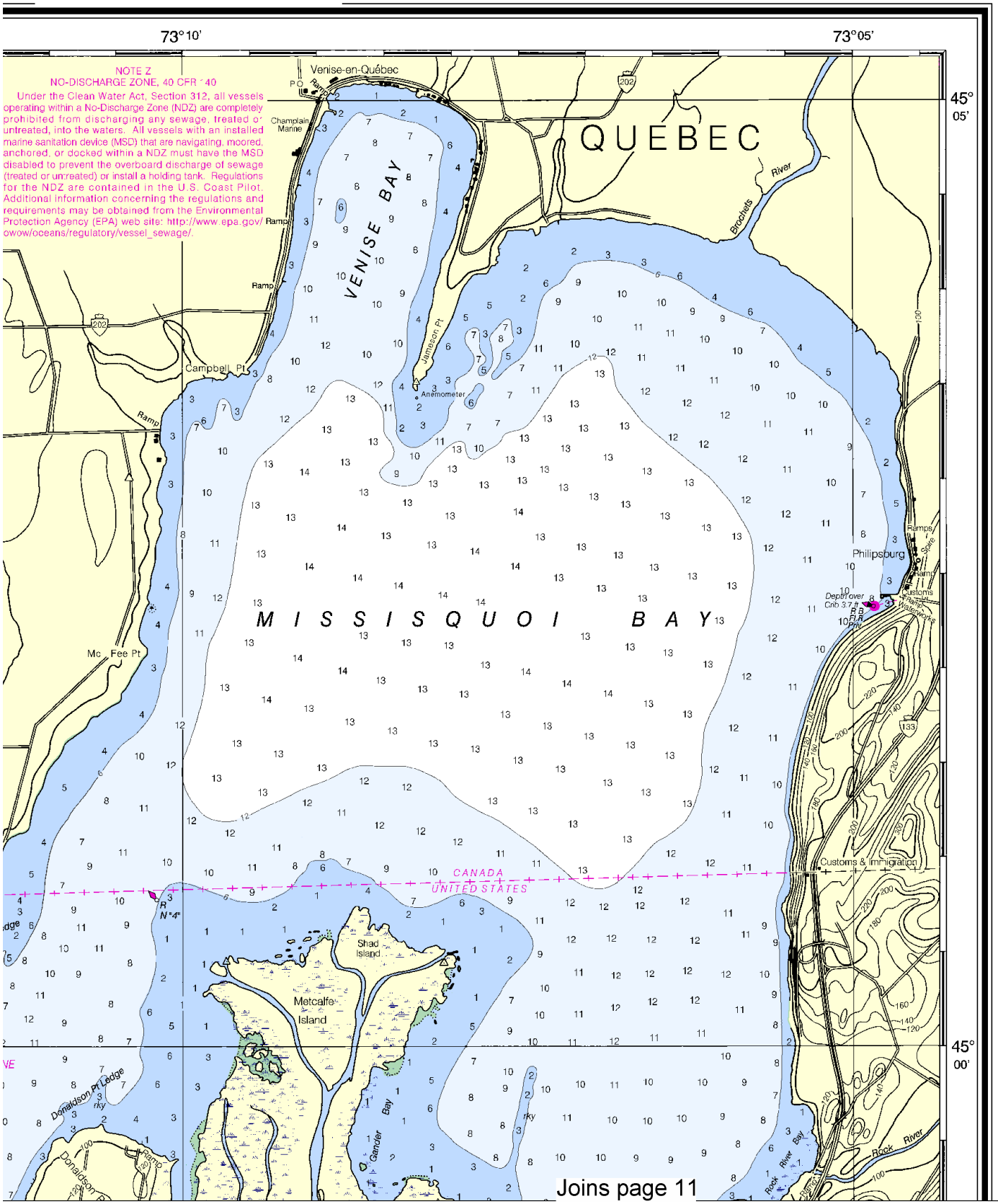
Yards: 1000 0 1000 2000 3000 4000 5000

PRINT-ON-DEMAND CHARTS

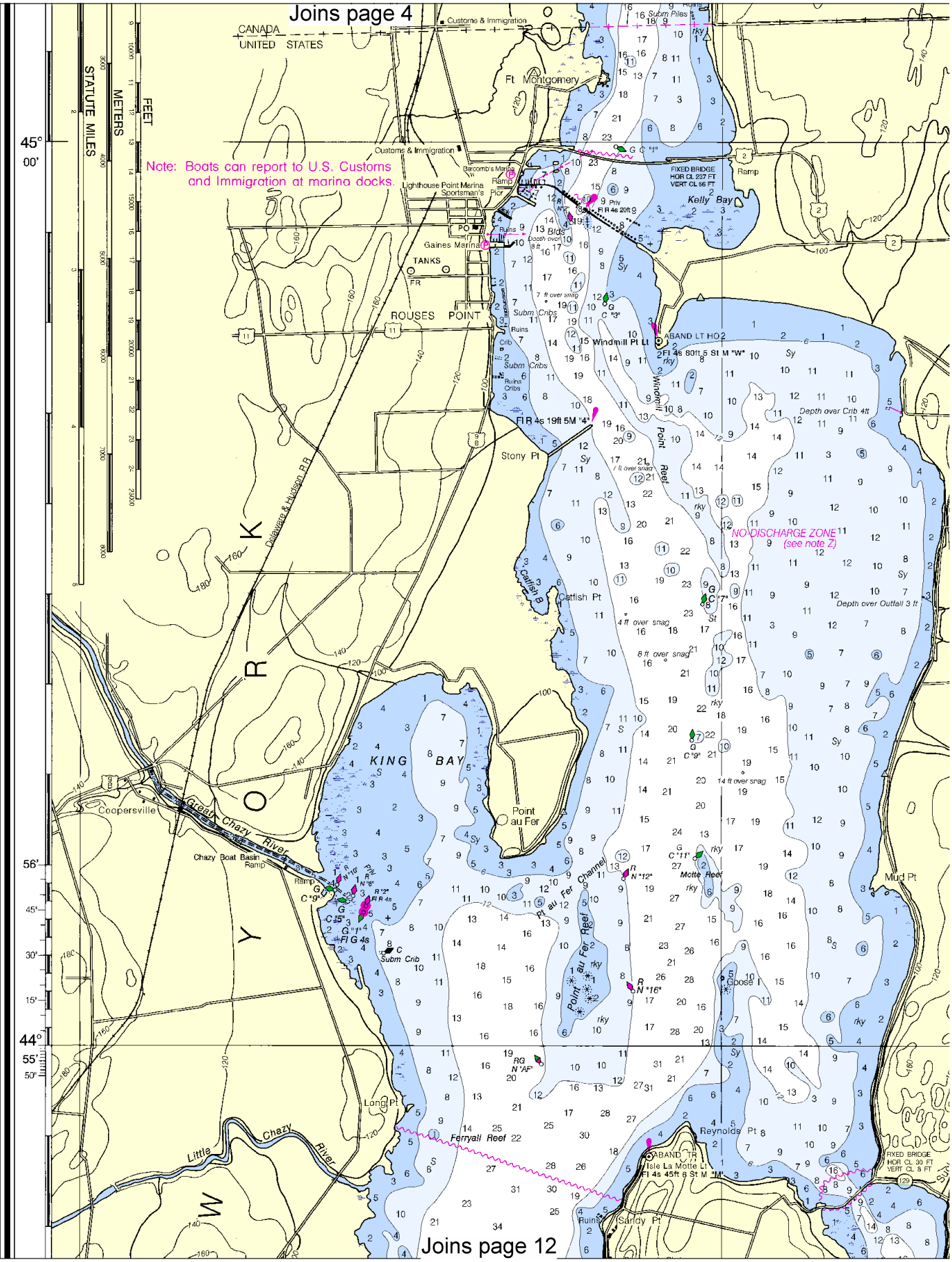
, and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners al corrections. Charts are printed when ordered using Print-on-Demand technology. New are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent int-on-Demand charts or contact NOAA at 1-800-584-4683, http://NauticalCharts.gov, auticalCharts.gov, or OceanGrafix at 1-877-56CHART, http://OceanGrafix.com, or eanGrafix.com.

SOUNDINGS IN FEET

14781



This BookletChart has been updated with: Coast Guard Local Notice To Mariners: 0710 2/16/2010,
NGA Weekly Notice to Mariners: 0910 2/27/2010,
Canadian Coast Guard Notice to Mariners: 1209 12/25/2009.



8

North

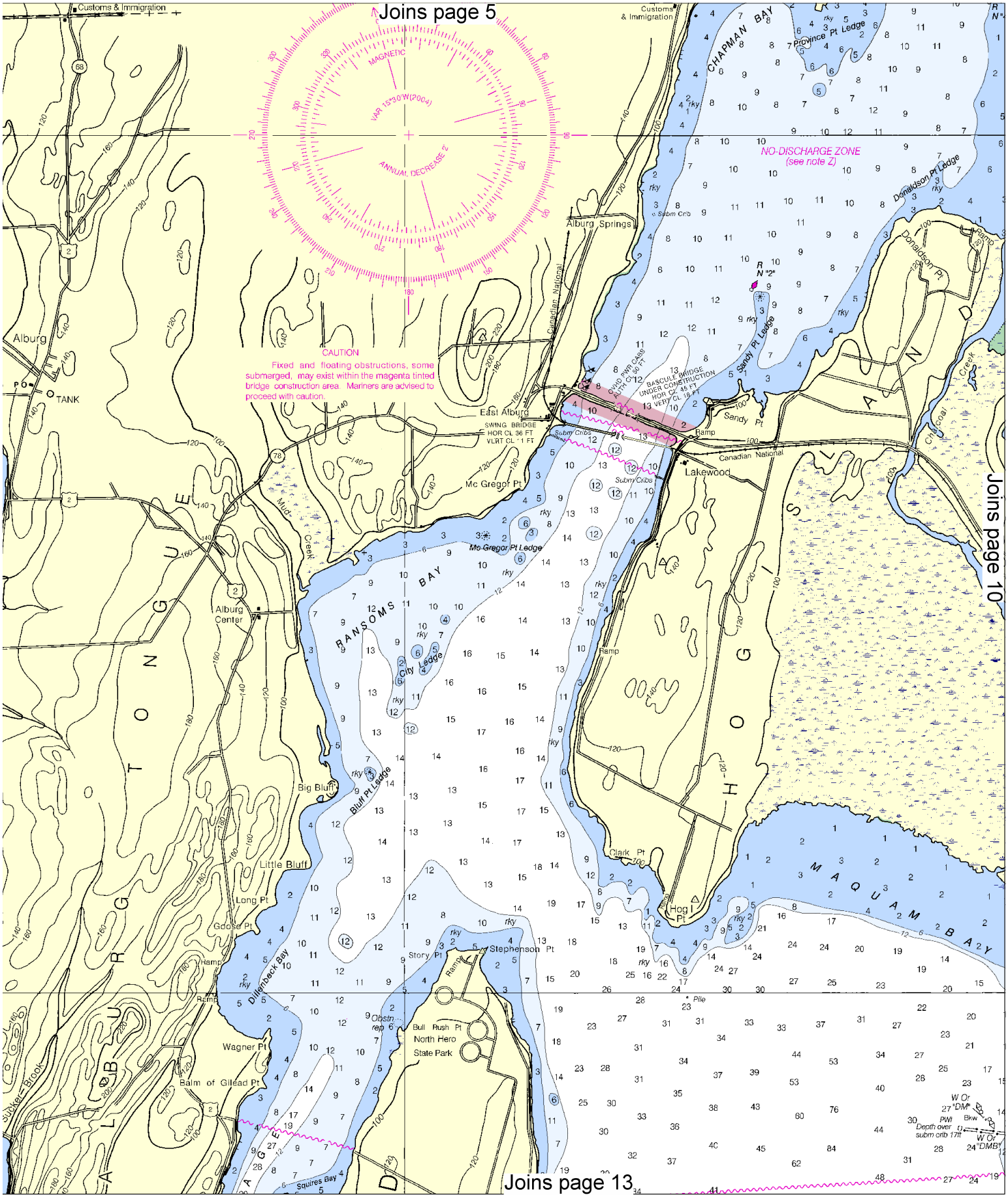
Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

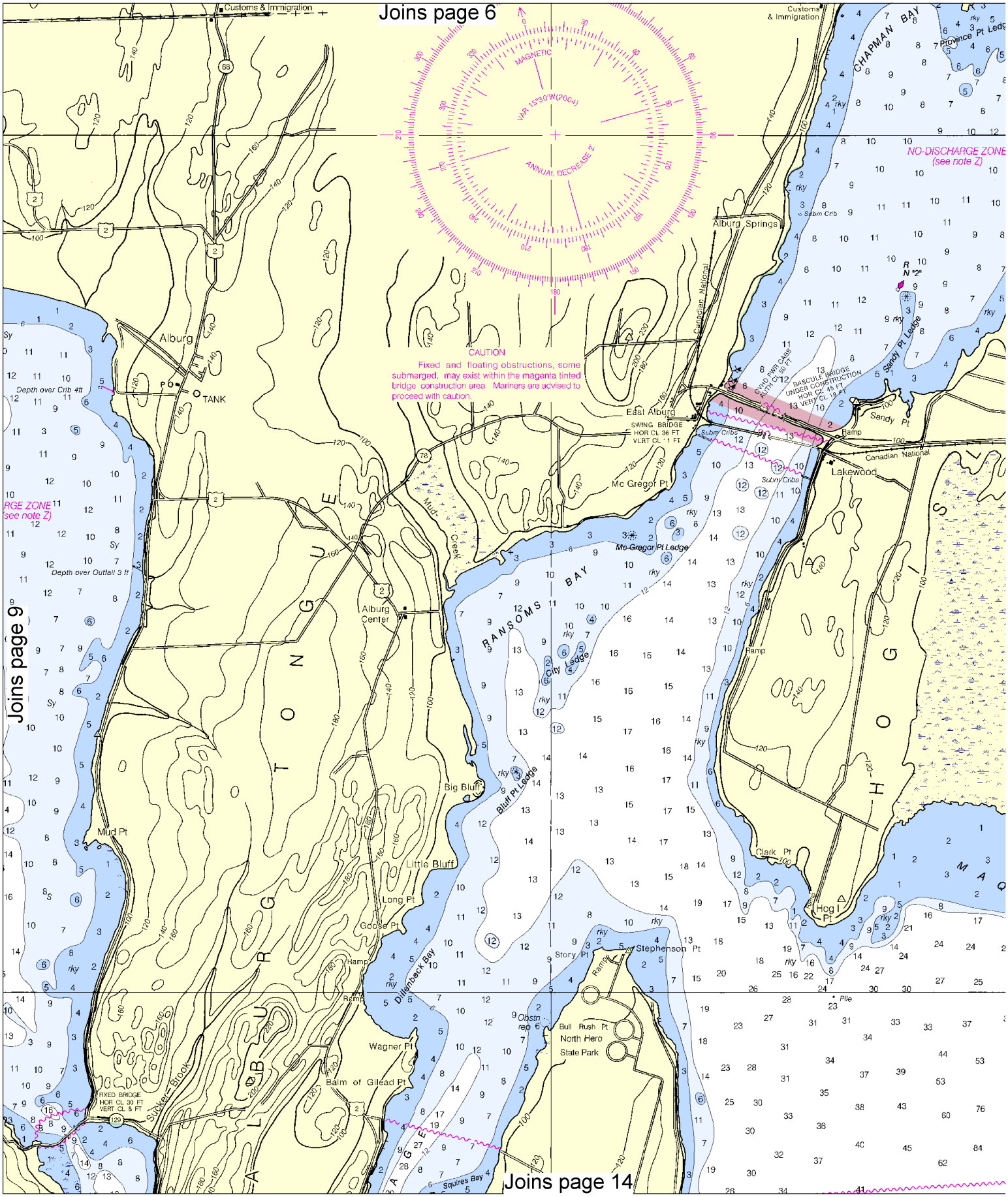
Nautical Miles

1 ½ 0 1 2 3

Yards

1000 0 1000 2000 3000 4000 5000


Joins page 5
Joins page 10
Joins page 13
MAGNETIC
VAR 15°30'W(2004)
ANNUAL DECREASE 2'
CAUTION
Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge construction area. Mariners are advised to proceed with caution.
NO-DISCHARGE ZONE
(see note Z)
Customs & Immigration
CHAPMAN BAY
Province Pt Ledge
Donaldson Pt Ledge
Donaldson Pt
Alburg Springs
Canadian National
Sandy Pt Ledge
Sandy Pt
Ramp
Lakewood
East Alburg
SWING BRIDGE
HOR CL 36 FT
VERT CL 11 FT
BASCULE BRIDGE
UNDER CONSTRUCTION
HOR CL 45 FT
VERT CL 18 FT
Mc Gregor Pt
Mc Gregor Pt Ledge
Mud Creek
RANSOMS BAY
City Ledge
Alburg Center
Alburg
TANK
Big Bluff
Bluff Pt Ledge
Little Bluff
Long Pt
Goose Pt
Dillenbeck Bay
Wagner Pt
Balm of Gilead Pt
Stephenson Pt
Story Pt
Bull Rush Pt
North Hero
State Park
Clark Pt
Hog I Pt
MAQUAM BAY
HOG ISLAND
ALBURG TONGUE
Squires Bay
Sucker Brook
Depth over subm crib 17ft



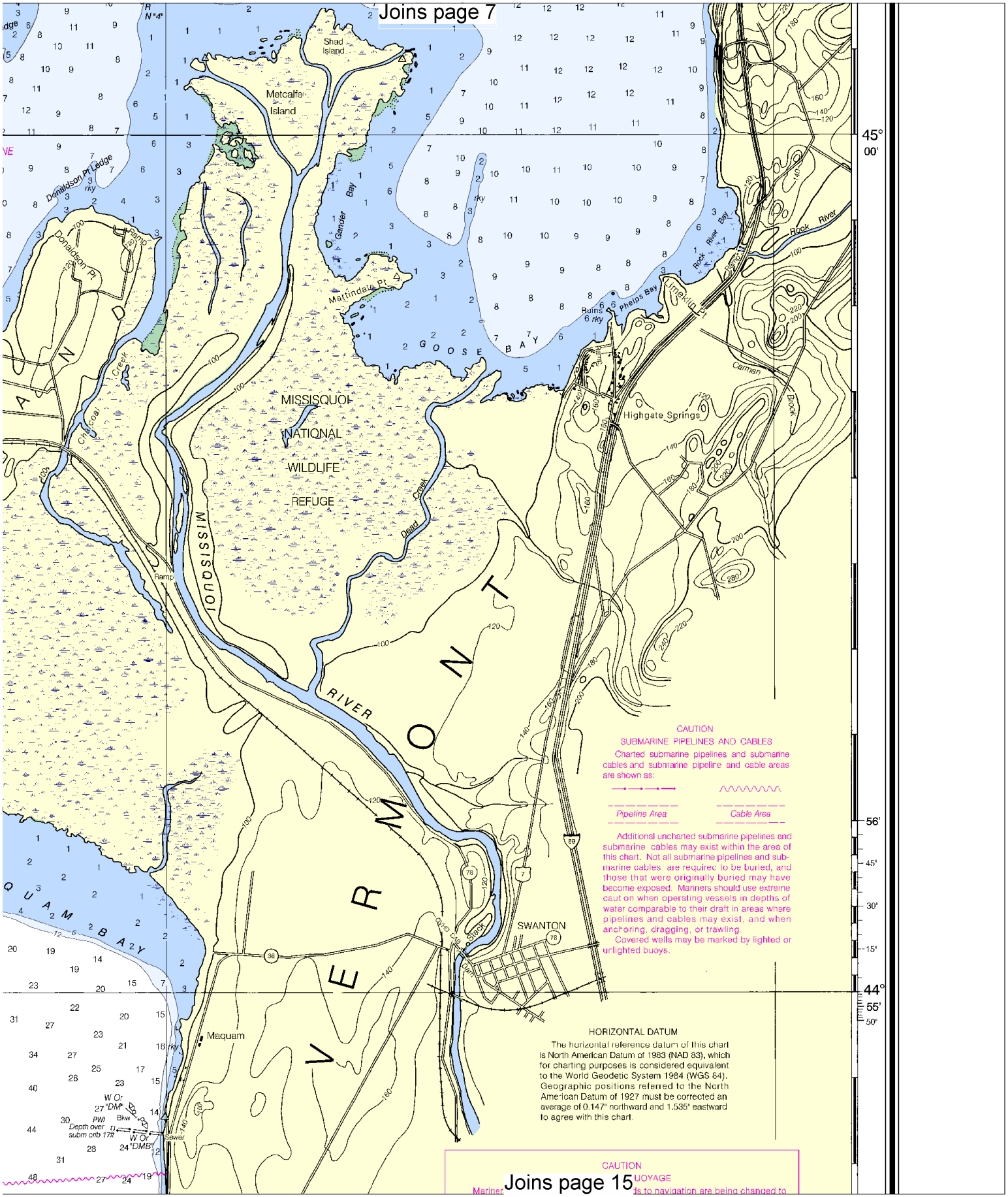
North

Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

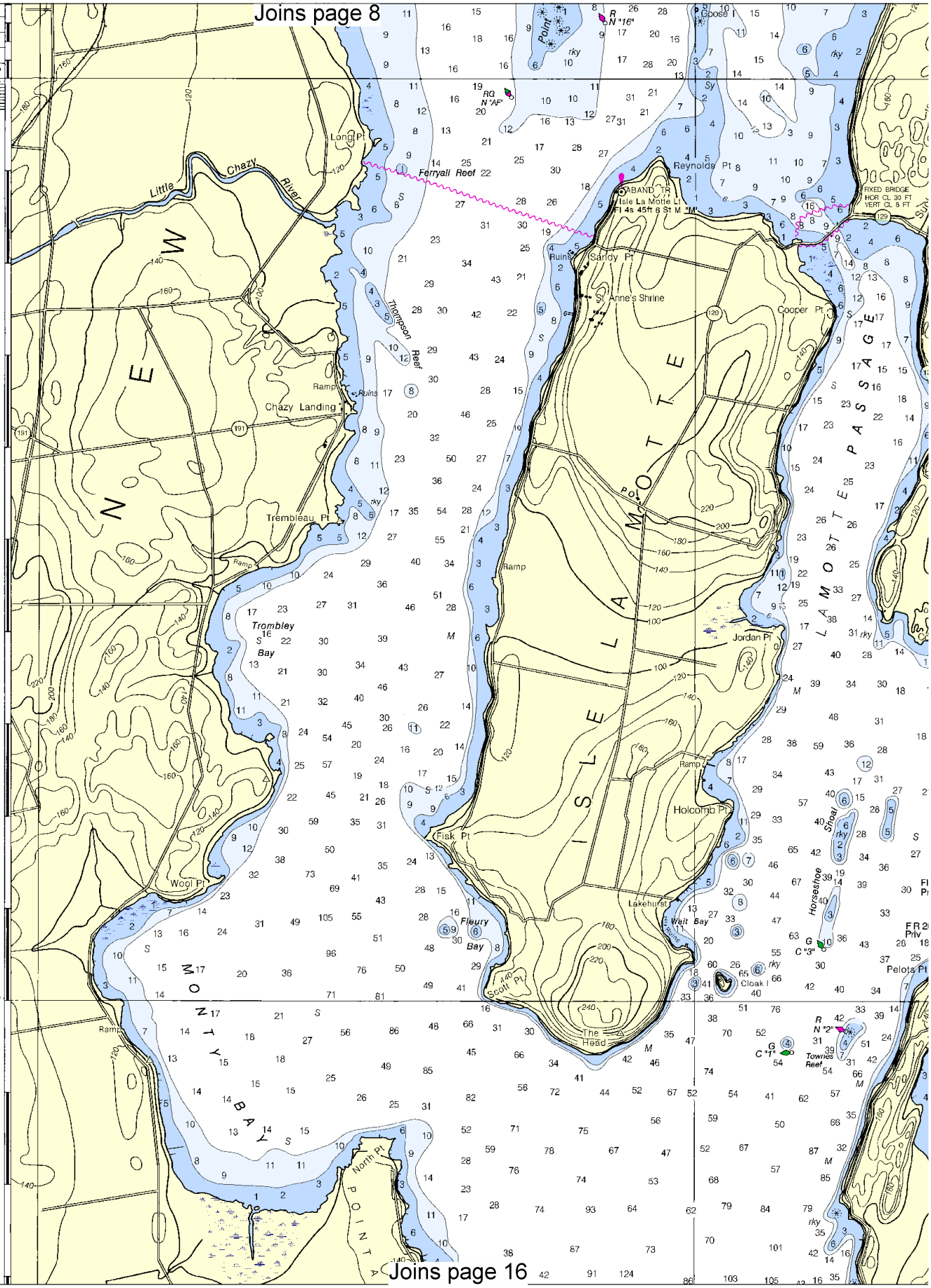
Yards: 1000 0 1000 2000 3000 4000 5000

Joins page 7



Joins page 15

Joins page 8



Joins page 16

North

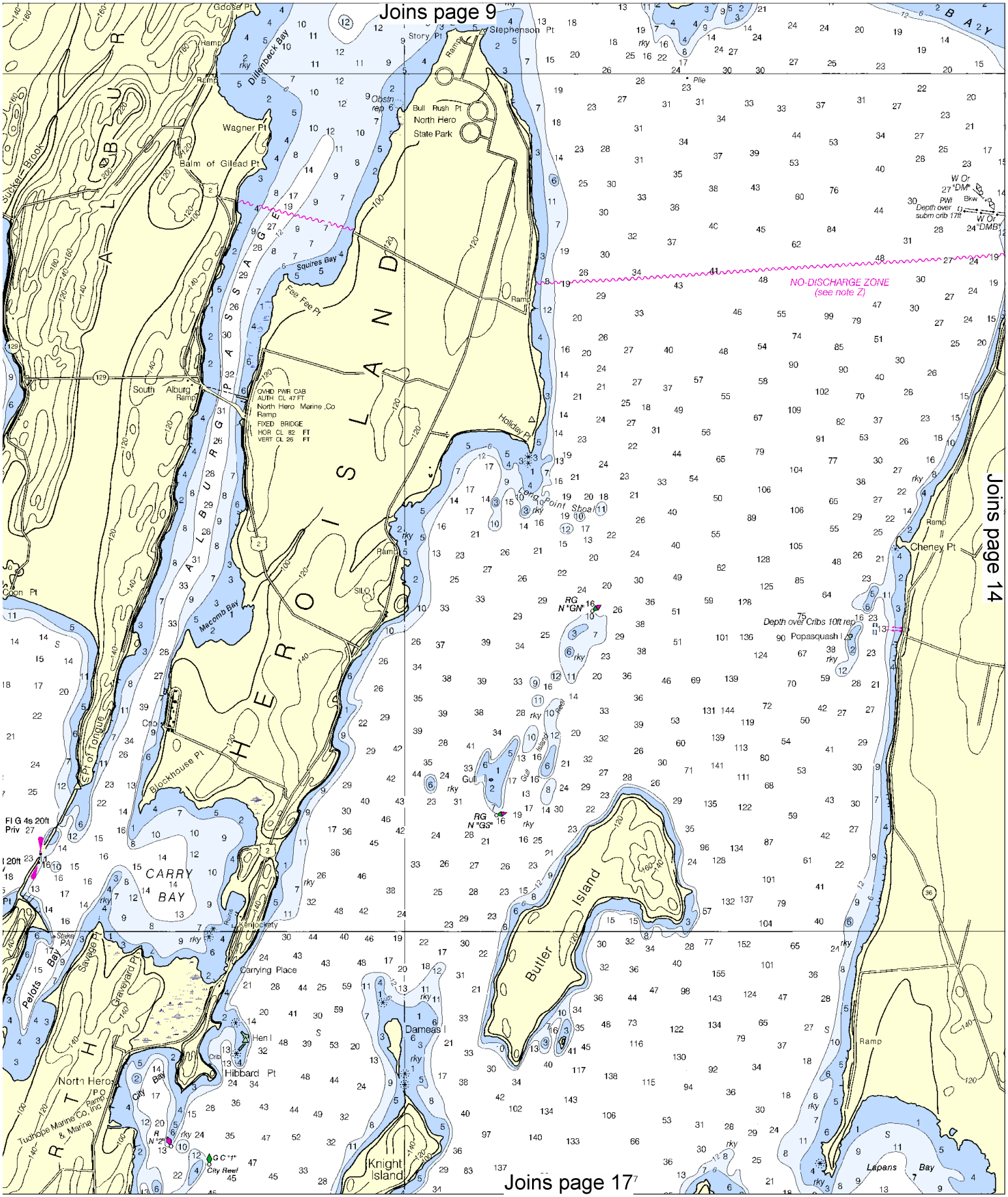
Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

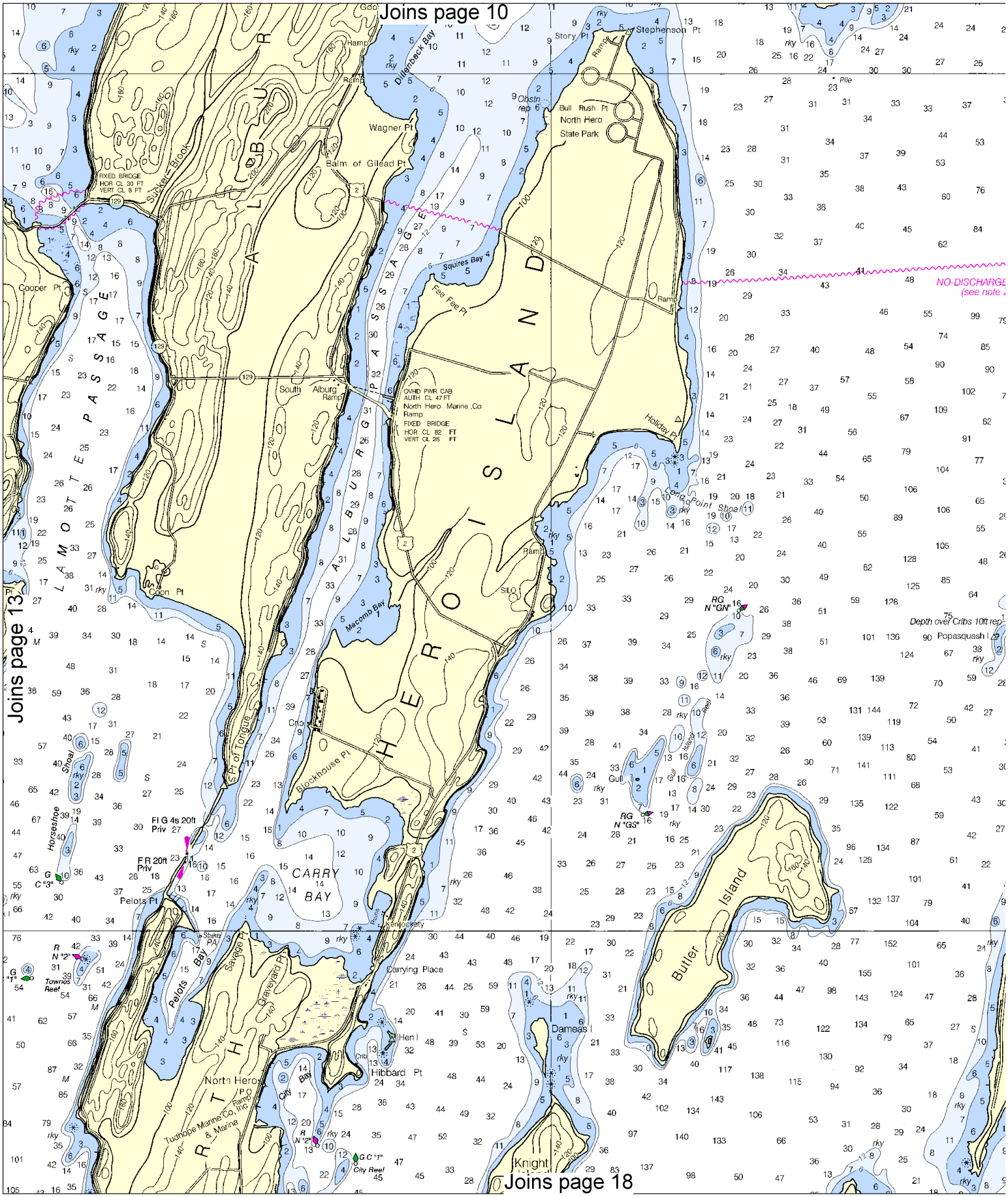
Nautical Miles

1 ½ 0 1 2 3

Yards

1000 0 1000 2000 3000 4000 5000


Joins page 9
Joins page 14
Joins page 17
Stephenson Pt
Story Pt
Dillenbeck Bay
Wagner Pt
Balm of Gilead Pt
Bull Rush Pt
North Hero
State Park
Squires Bay
Fee Fee Pt
South Alburg
OVHD PWR CAB
AUTH CL 47 FT
North Hero Marine Co
Ramp
FIXED BRIDGE
HOR CL 82 FT
VERT CL 26 FT
Holiday Pt
Long Point Shoal
NO-DISCHARGE ZONE
(see note Z)
Cheney Pt
Depth over Cribs 10ft rep
Popasquash I
Macomb Bay
Blockhouse Pt
Pt of Tongue
CARRY BAY
Kenjockety
Carrying Place
Pelots Bay
Savage Pt
Graveyard Pt
Hen I
Hibbard Pt
North Hero
Tudhope Marine Co, Inc
& Marine
City Bay
City Reef
Dameas I
Knight Island
Butler Island
Lapans Bay
Gull
Gull Island Reef
Coon Pt
Sucker Brook
Ramp
Pile
Depth over subm crib 17ft
W Or "DM"
W Or "DMB"
Bkw
PWI
Fl G 4s 20ft
Priv
RG N "GN"
RG N "GS"
G C "1"
R N "2"



14

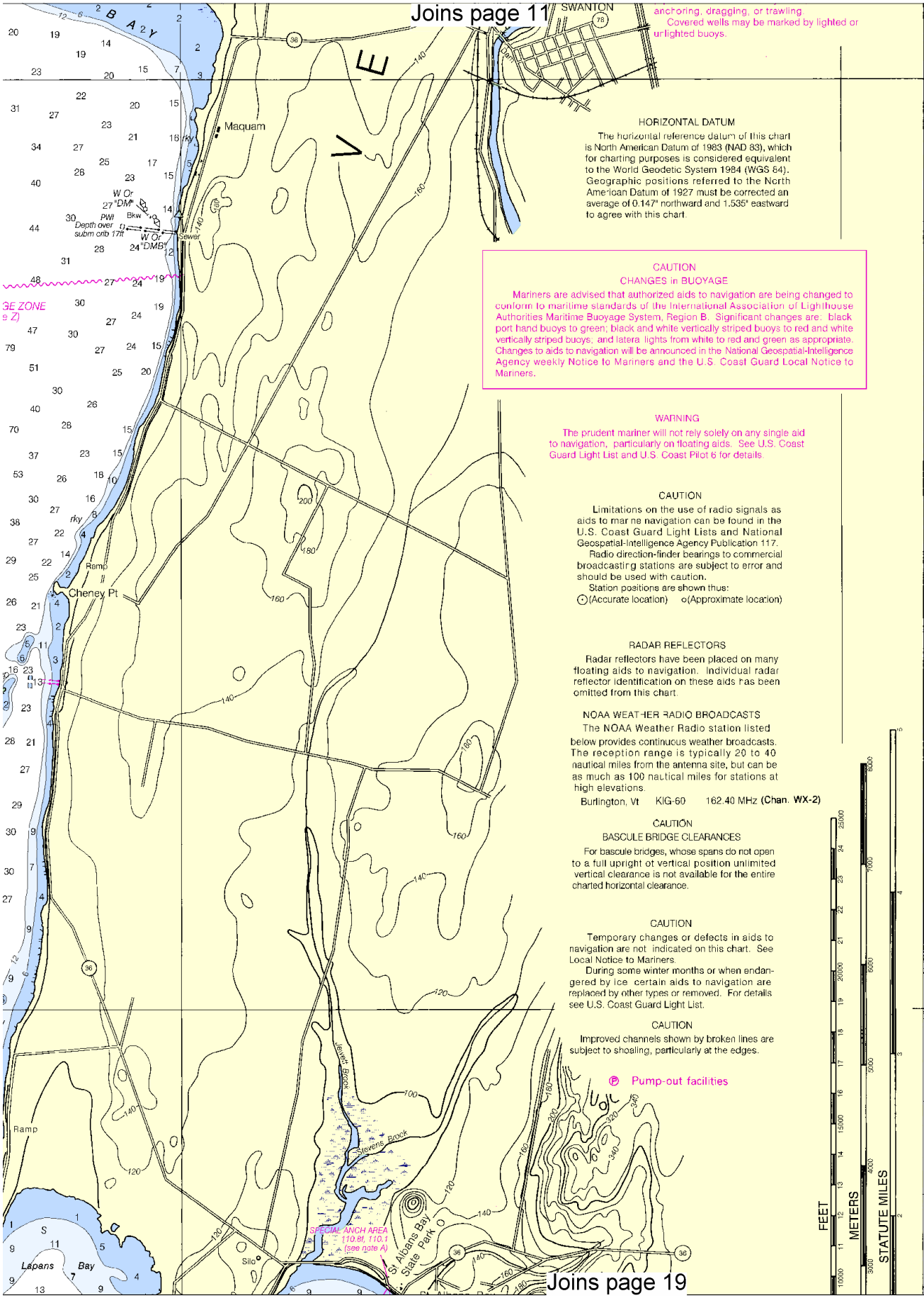
North

Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

Joins page 11



anchoring, dragging, or trawling.
Covered wells may be marked by lighted or unlighted buoys.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which 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 0.147" northward and 1.535" eastward to agree with this chart.

CAUTION
CHANGES in BUOYAGE

Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and latera lights from white to red and green as appropriate. Changes to aids to navigation will be announced in the National Geospatial-Intelligence Agency weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

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.

CAUTION

Limitations on the use of radio signals as aids to mar ne 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 broadcastirg stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) o(Approximate location)

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.

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.

Burlington, Vt KIG-60 162.40 MHz **(Chan. WX-2)**

CAUTION
BASCULE BRIDGE CLEARANCES

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

CAUTION

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

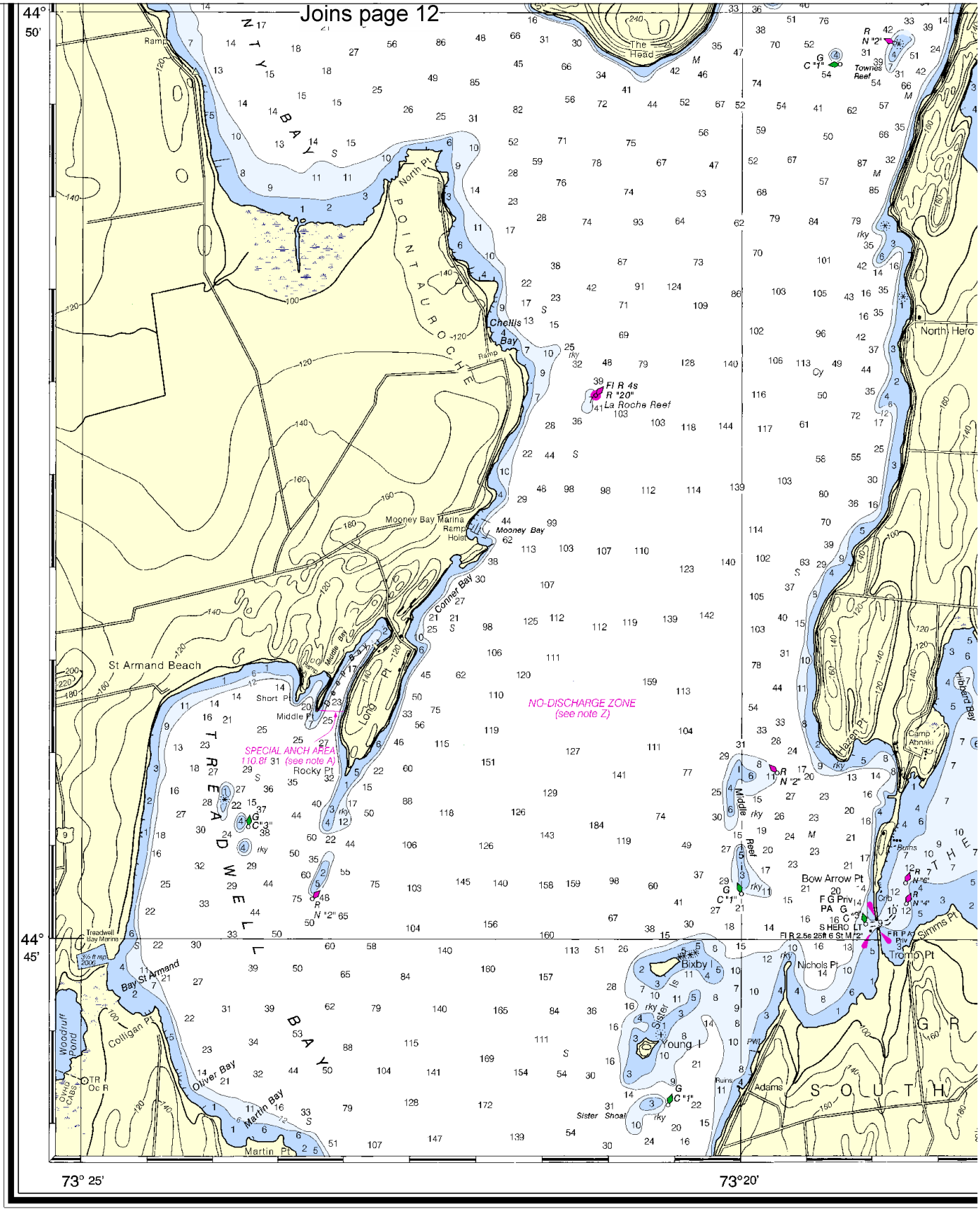
During some winter months or when endangered by ice certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

CAUTION

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

Ⓟ Pump-out facilities

Joins page 19



20th Ed., Nov. /04 ■ Corrected through NM Nov. 13/04
Corrected through LNM Nov. 2/04

14781

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 periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

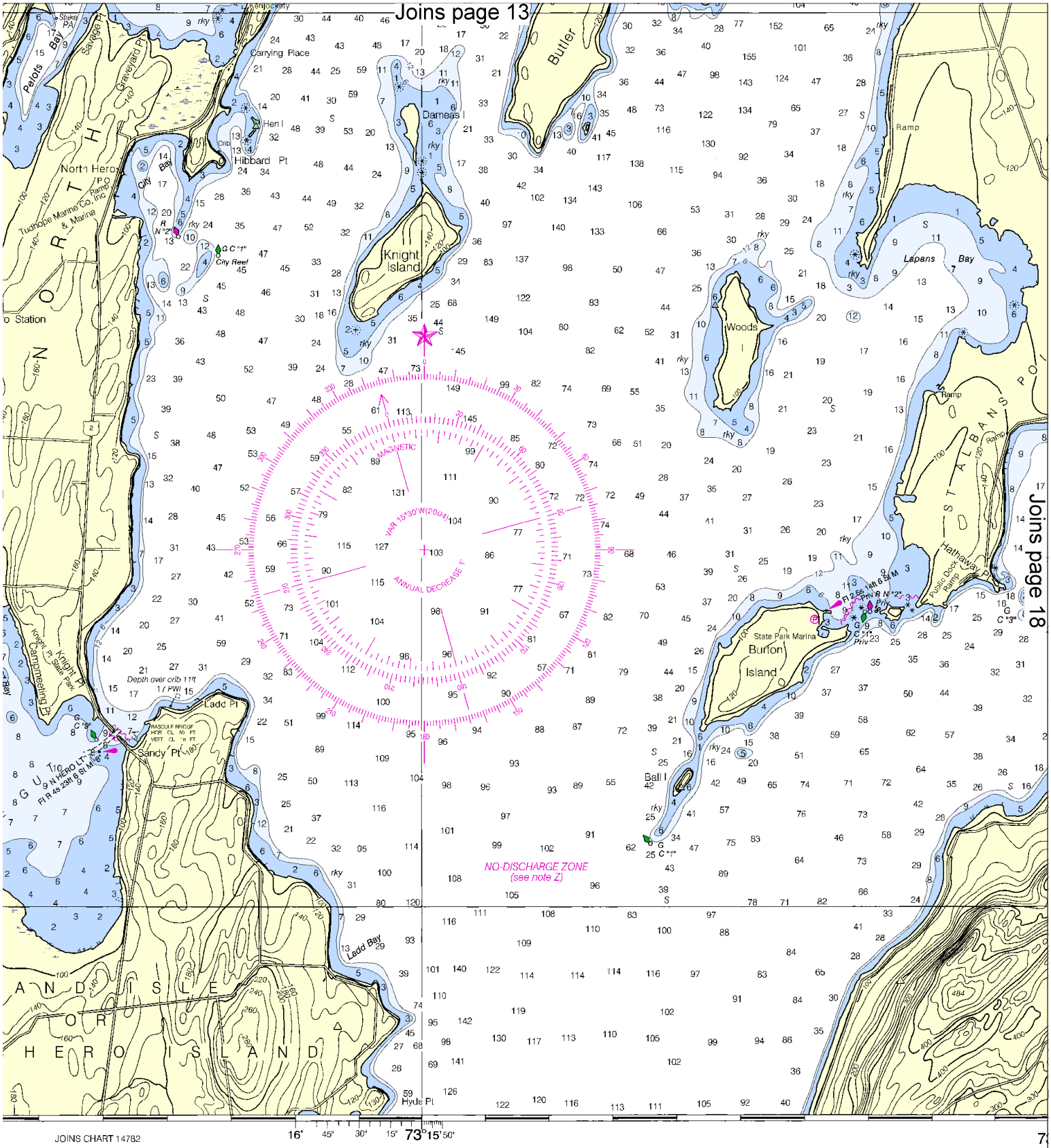
SOUNDINGS

North

Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

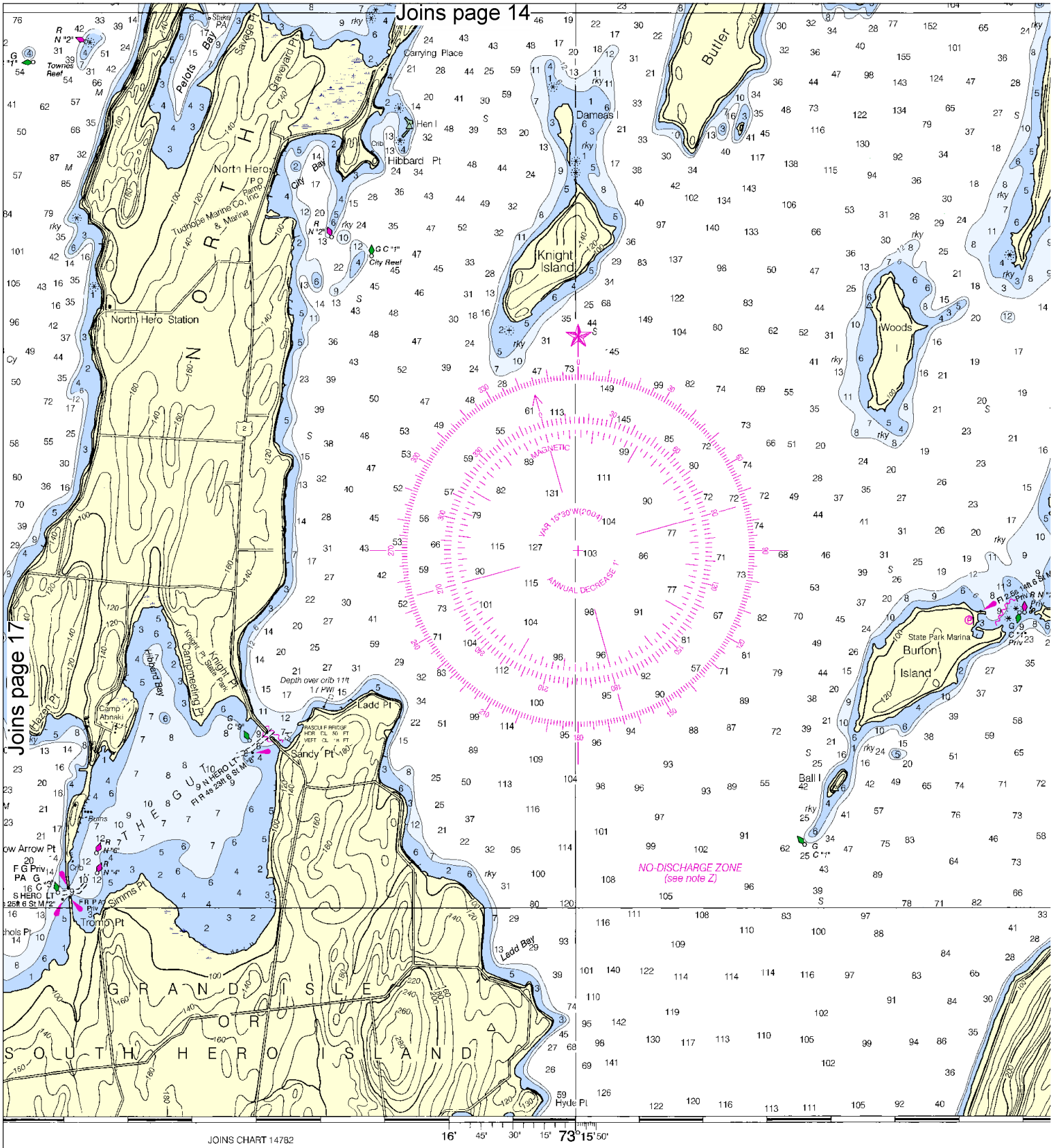
Nautical Miles
1 ½ 0 1 2 3

Yards
1000 0 1000 2000 3000 4000 5000



S IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY



DUNDINGS IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

North

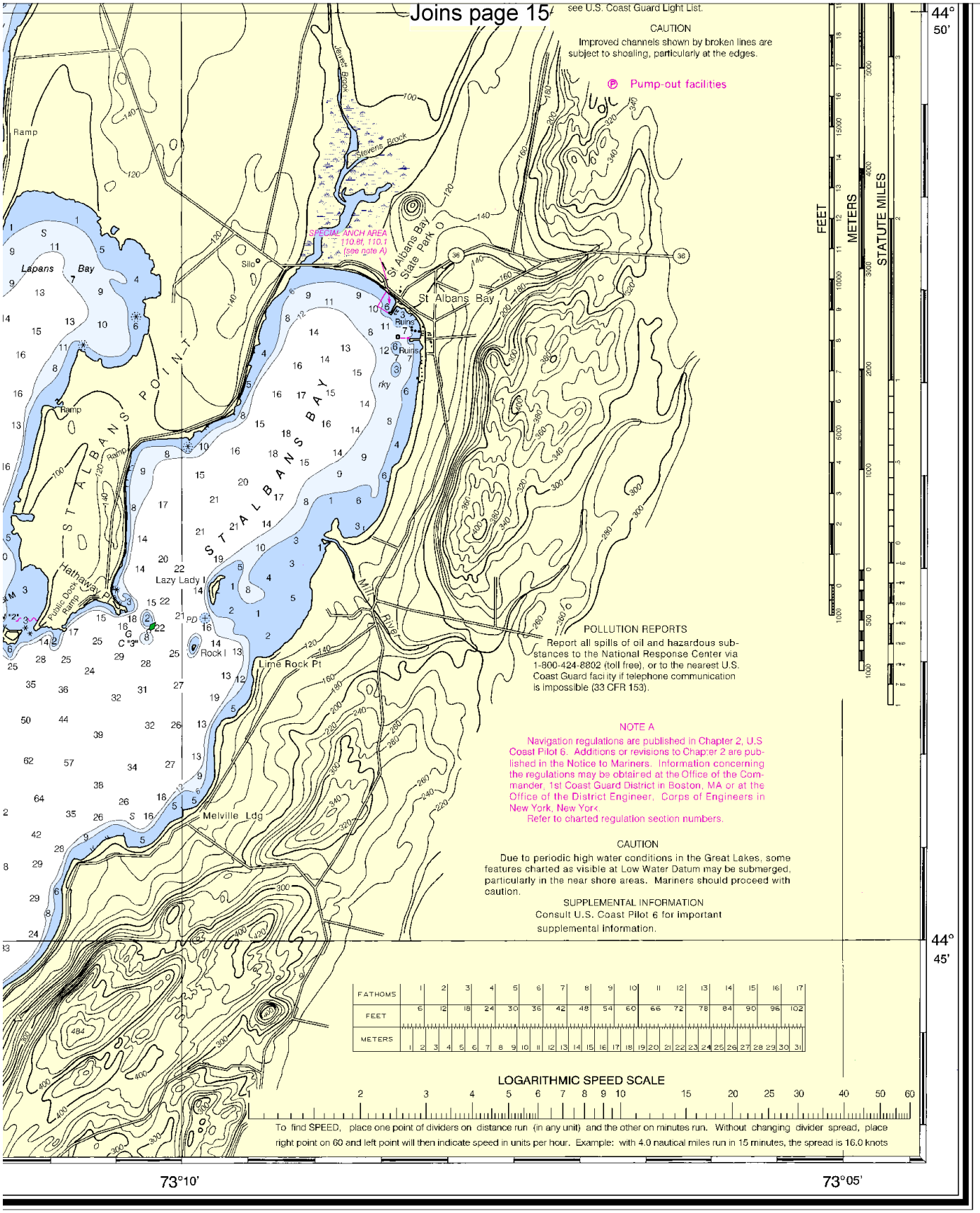
Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles

1 ½ 0 1 2 3

Yards

1000 0 1000 2000 3000 4000 5000



Riviere Richelieu to South Hero Island

SOUNDINGS IN FEET - SCALE 1:40,000

14781

ED NO. 20

NSN 7642014010647

NGA REFERENCE NO. 14XHA14781

EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.
Channel 9 – Communications between boats and ship-to-coast.
Channel 13 – Navigation purposes at bridges, locks, and harbors.
Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.
Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.
Channels 68, 69, 71, 72 & 78A – Recreational boat channels.

Distress Call Procedures

1. Make sure radio is on.
2. Select Channel 16.
3. Press/Hold the transmit button.
4. Clearly say: "MAYDAY, MAYDAY, MAYDAY."
5. Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
6. Release transmit button.
7. Wait for 10 seconds – If no response Repeat MAYDAY Call.

HAVE ALL PERSONS PUT ON LIFE JACKETS !!

Mobile Phones – Call 911 for water rescue.
Coast Guard Search & Rescue (RCC) – 617-2238555
Coast Guard Search & Rescue (Burlington) – 802-864-6791

NOAA Weather Radio – 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz, 162.550 MHz.

Getting and Giving Help – Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

NOAA, The Nation's Chartmaker

NOAA CHARTING PUBLICATIONS

Official NOAA Nautical Charts – NOAA surveys and charts the national and territorial waters of the U.S, including the Great Lakes. We produce over 1,000 traditional nautical charts covering 3.4 million square nautical miles. Carriage of official NOAA charts is mandatory on the commercial ships that carry our commerce. They are used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters. NOAA charts are available from official chart agents listed at: www.NauticalCharts.NOAA.gov.

Official Print-on-Demand Nautical Charts – These full-scale NOAA charts are updated weekly by NOAA for all Notice to Mariner corrections. They have additional information added in the margin to supplement the chart. Print-on-Demand charts meet all federal chart carriage regulations for charts and updating. Produced under a public/private partnership between NOAA and OceanGrafix, LLC, suppliers of these premium charts are listed at www.OceanGrafix.com.

Official Electronic Navigational Charts (NOAA ENCs®) – ENCs are digital files of each chart's features and their attributes for use in computer-based navigation systems. ENCs comply with standards of the International Hydrographic Organization. ENCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official Raster Navigational Charts (NOAA RNCs™) – RNCs are geo-referenced digital pictures of NOAA's charts that are suitable for use in computer-based navigation systems. RNCs comply with standards of the International Hydrographic Organization. RNCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official BookletCharts™ – BookletCharts™ are reduced scale NOAA charts organized in page-sized pieces. The "Home Edition" can be downloaded from NOAA for free and printed. The Internet address is www.NauticalCharts.gov/bookletcharts.

Official PocketCharts™ – PocketCharts™ are for beginning recreational boaters to use for planning and locating, but not for real navigation. Measuring a convenient 13" by 19", they have a 1/3 scale chart on one side, and safety, boating, and educational information on the reverse. They can be purchased at retail outlets and on the Internet.

Official U.S. Coast Pilot® – The Coast Pilots are 9 text volumes containing information important to navigators such as channel descriptions, port facilities, anchorages, bridge and cable clearances, currents, prominent features, weather, dangers, and Federal Regulations. They supplement the charts and are available from NOAA chart agents or may be downloaded for free at www.NauticalCharts.NOAA.gov.

Official On-Line Chart Viewer – All NOAA nautical charts are viewable here on-line using any Internet browser. Each chart is up-to-date with the most recent Notices to Mariners. Use these on-line charts as a ready reference or planning tool. The Internet address is www.NauticalCharts.gov/viewer.

Official Nautical Chart Catalogs – Large format, regional catalogs are available for free from official chart agents. Page size, state catalogs are posted on the Internet and can be printed at home for free. Go to http://NauticalCharts.NOAA.gov/mcd/ccatalogs.htm.

Internet Sites: www.NauticalCharts.NOAA.gov, www.NOAA.gov, www.TidesandCurrents.NOAA.gov, www.NOS.NOAA.gov.