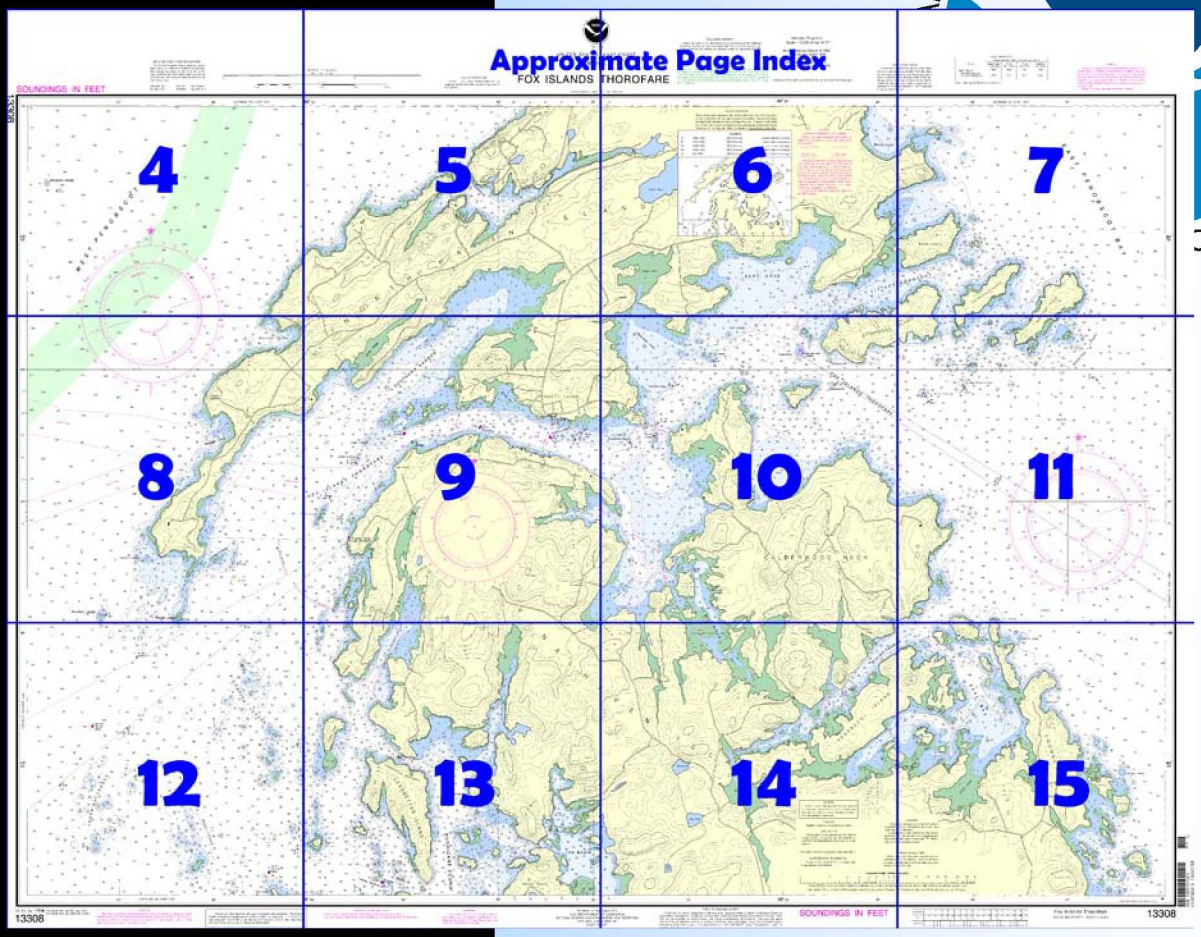
BookletChart™

Fox Islands Thorofare

(NOAA Chart 13308)

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.*



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™?

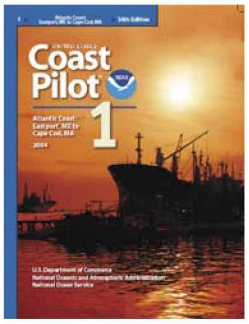
This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this 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 1, Chapter 7 excerpts]

(226) **Fox Islands Thorofare,** leading from East Penobscot Bay to West Penobscot Bay, between North Haven and Vinalhaven Islands, is one of the chain of inshore passages commencing at Bass Harbor and ending at Whitehead. Fox Islands Thorofare is about 7 miles long.

(232) The controlling depth of 17 feet is in midchannel between Iron Point Ledge and Grindstone Ledge. The narrowest part of the channel is about 100 yards wide between **Iron Point Ledge,** marked by a daybeacon, and **Dobbin Rock,** marked by a buoy. Extreme caution should be exercised here as the currents are reported to be strong at times, especially during strong winds from the east or west. At low water, the thorofare is seldom used by vessels drawing over 14 feet.

(233) Good anchorage can be selected in the channel of the thorofare between the entrance of Seal Cove and the western end of the village of North Haven, in depths of 23 to 33 feet, soft bottom.

(234) Good anchorage for vessels of any draft, in depths of 32 to 42 feet, soft bottom, is in the western entrance of Fox Islands Thorofare, westward or northward of Sugar Loaves, and between Amesbury Point and **Crabtree Point Ledge,** 1.7 miles southwestward. A cable area extends across Fox Islands Thorofare in an east-west direction between Calderwood Rock on the north and Sugarloaves on the south. Care should be taken to avoid anchoring in this area.

(235) Anchorage can be found in **Seal Cove,** a large arm extending 1.5 miles southward from Fox Islands Thorofare southeastward of and on the opposite side of the channel from the village of North Haven. Large areas in the cove have depths of 8 to 12 feet, bottom soft in places, but shoaling has been reported in the middle of the cove. The cable areas in the cove should be avoided when anchoring. Good anchorage in depths of 19 to 23 feet, soft bottom, is in the middle of **Southern Harbor,** which makes northeastward between the **Dumpling Islands** and **Amesbury Point,** near the western end of the thorofare.

(237) **Kent Cove**, in the north shore of the thorofare north of Widow Island, is a secure anchorage with depths of 15 to 24 feet, good holding ground. Anchorage in the northeast and northwest arms, in depths of 8 to 11 feet, is preferred. Goose Rocks Light is the prominent guide for entering either day or night, the entrance being westward of the light. **Kent Ledge,** the only outlying danger, covered 3 feet, is 500 yards from the northwest shore of the cove off the entrance.

(238) **Waterman Cove**, in the north shore of the thorofare west of Kent Cove, is a good anchorage for small vessels. The water shoals gradually from a depth of 18 feet at the entrance to 4 feet near the head, where a narrow channel leads into the **Cubby Hole,** a shallow cove. The better entrance to Waterman Cove is between the buoys off Fish Point Ledge and Waterman Ledge.

(244) **Fish Point Ledge**, which uncovers 4 feet and is marked at its southeast end by a buoy, is 400 to 600 yards southeastward of **Fish Point,** on the eastern side of Waterman Cove. Foul ground is between the point and the ledge. **Waterman Ledge,** covered 4 feet and marked by a buoy, is in the mouth of Waterman Cove 500 yards from the western shore.

(249) **North Haven** is an important summer resort and yacht center on the north shore of Fox Islands Thorofare. Small craft can anchor on the south side of the channel between Young Point and Hopkins Point where depths allow, and on the north side of the channel, taking care to leave a clear channel to the town wharf and ferry slip. The town wharf has a depth of about 12 feet, and the other wharves less.

(250) Water is available at the yacht club float, about 100 yards northwest of the ferry slip, with depths of 4 to 8 feet reported alongside. A boatyard, close eastward of the ferry slip, has marine railways up to 20 tons and a 15-ton mobile hoist that can handle craft up to 45 feet long for hull and engine repairs; gasoline, diesel fuel, ice, marine supplies, and winter storage are available. Depths of 6 to 7 feet are reported alongside the boatyard pier. The yard builds craft up to 45 feet long.

(253) **Perry Creek** is a long narrow arm making westward on the west shore of Seal Cove. The creek is reported to be an excellent anchorage for small craft; avoid the cable area at the entrance. An overhead power cable crosses the northern branch of the creek as shown on the chart.

(255) **Crockett Cove** is just eastward of Crockett Point, the southeastern point at the western entrance to Fox Islands Thorofare. The cove is about 1 mile long and 200 yards wide near the entrance, is obstructed by ledges, and is suitable only for small craft with local knowledge.

(257) **Leadbetter Narrows** is a narrow passage between Vinalhaven Island on the north and **Leadbetter Island,** 0.3 mile southeast of Dogfish Island, on the south. When passing through the narrows, favor the shore of Vinalhaven Island. A buoy marks a rock awash on the south side of the narrows. Continuing south along the eastern side of Leadbetter Island, a passage leads into the northern end of Hurricane Sound.

Table of Selected Chart Notes

Corrected through NM Apr. 3/04
Corrected through LNM Mar. 16/04

HEIGHTS

Heights in feet above Mean High Water.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

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.

For Symbols and Abbreviations see Chart No. 1

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.

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

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.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 1 for important supplemental information.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Geological Survey and U.S. Coast Guard.

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 0.290" northward and 1.872" eastward to agree with this chart.

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 as much as 100 nautical miles for stations at high elevations.

Ellsworth, ME	KEC-93	162.40 MHz
Dresden, ME	WXM-60	162.475 MHz

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 1. 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 Concord, MA.

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.

NOTE B

RECOMMENDED VESSEL ROUTE

Deep draft vessels entering and departing Penobscot Bay and River are requested to remain within the Recommended Vessel Route. Two-way traffic is possible within all parts of the green-tinted areas. Other vessels, while not excluded, should exercise caution in these areas and monitor VHF channel 16 or 13 for information concerning vessels transiting these areas. See U.S. Coast Pilot 1, Chapter 7.

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLLW)			
	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
North Haven (Penobscot Bay) (44°08'N/68°52'W)	10.6	10.1	0.4	--3.5

(Nov 1992) Latest information available.

COLREGS, 80.105 (see note A)

International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

CAUTION

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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.

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.

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SOUNDINGS IN FEET

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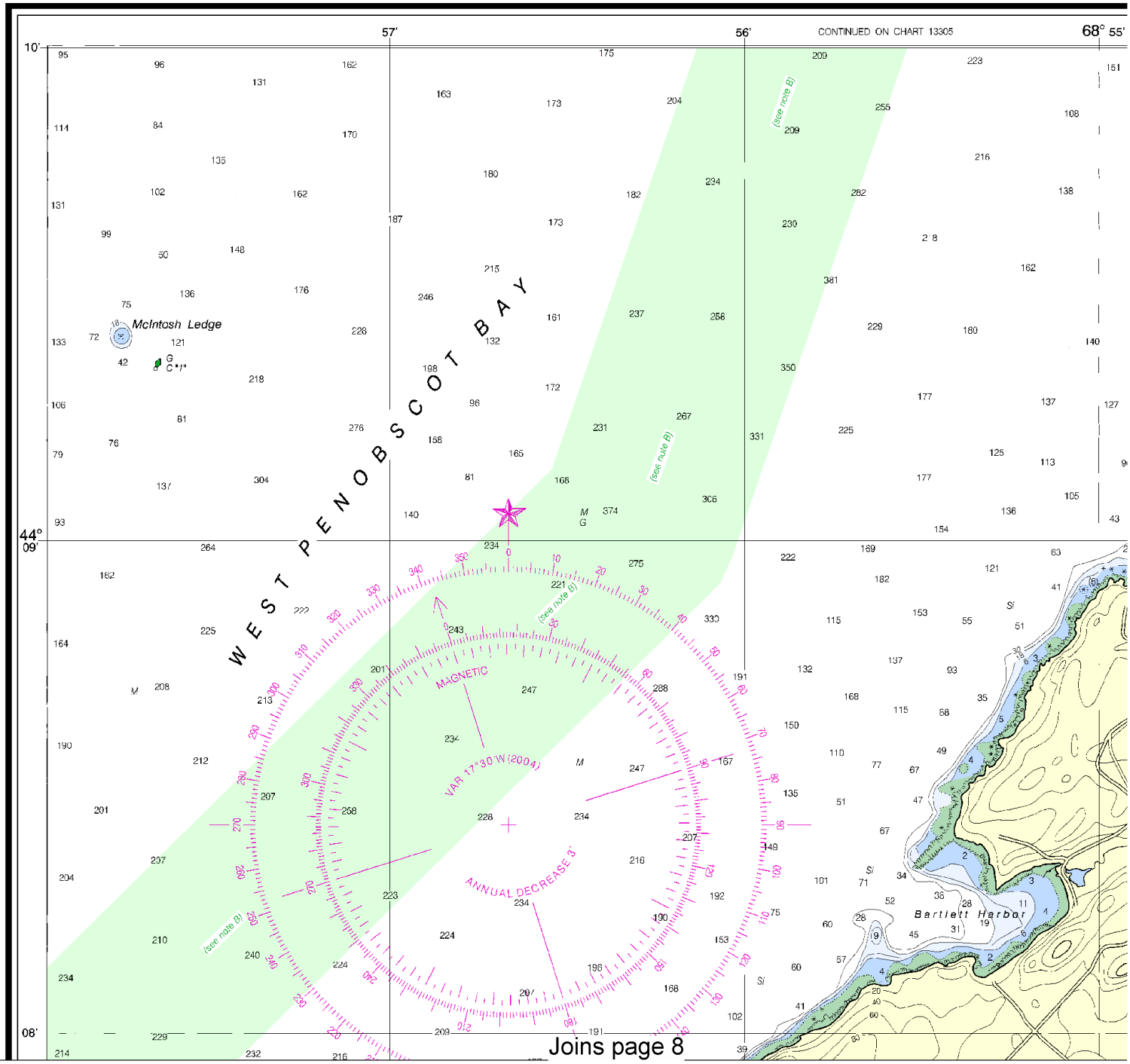

Joins page 8

North

Printed at reduced scale. ~~SCALE 1:15,000~~ See Note on page 5.

Nautical Miles

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Yards

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FOX ISLANDS THO

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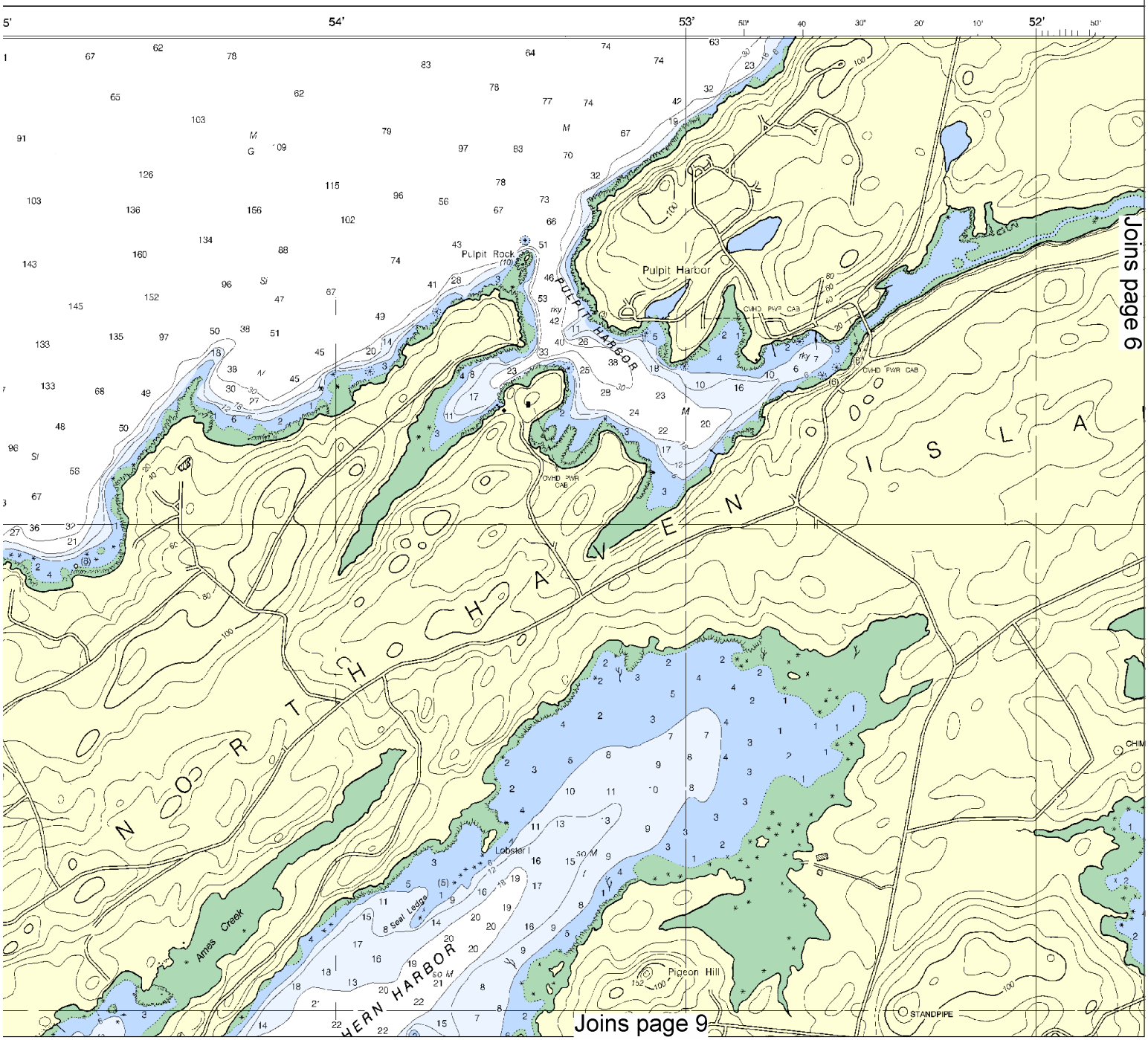
AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

Formerly C&GS 235, 1st Ed., June 193 KAPP 2024



This BookletChart was reduced to 70% of the original chart scale.
The new scale is 1:21429. Barscales have also been reduced and
are accurate when used to measure distances in this BookletChart.

COAST SURVEY

STATES - EAST COAST

MAINE

DS THOROFARE

y C&GS 235, 1st Ed., June 193 KAPP 2024

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).

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Mercator Projection
Scale 1:15,000 at Lat. 44°07'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

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

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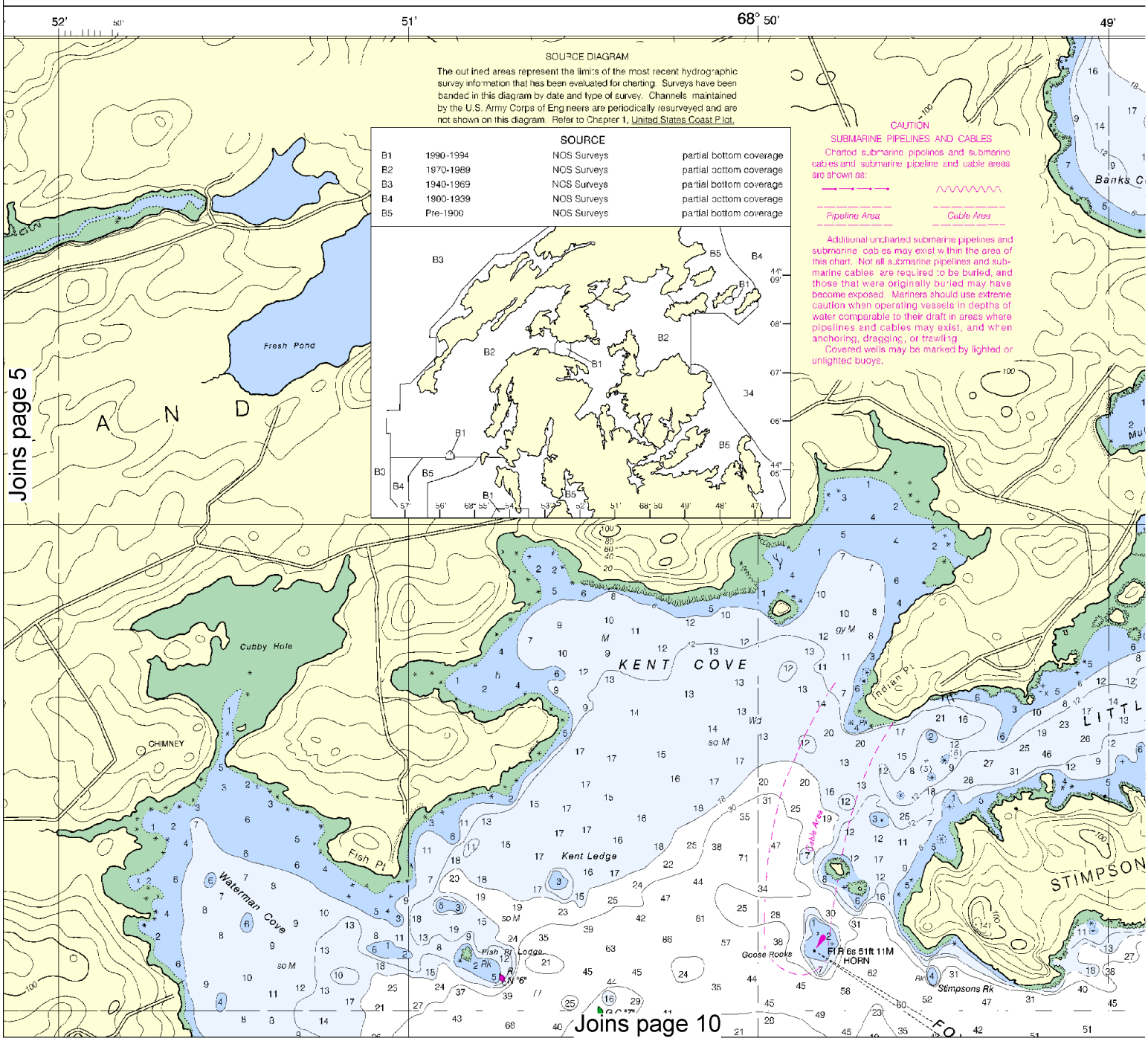

6

North

Printed at reduced scale. ~~SCALE 1:15,000~~ See Note on page 5.

Nautical Miles

0 1

Yards

500 0 500 1000 1500

HORIZONTAL DATUM

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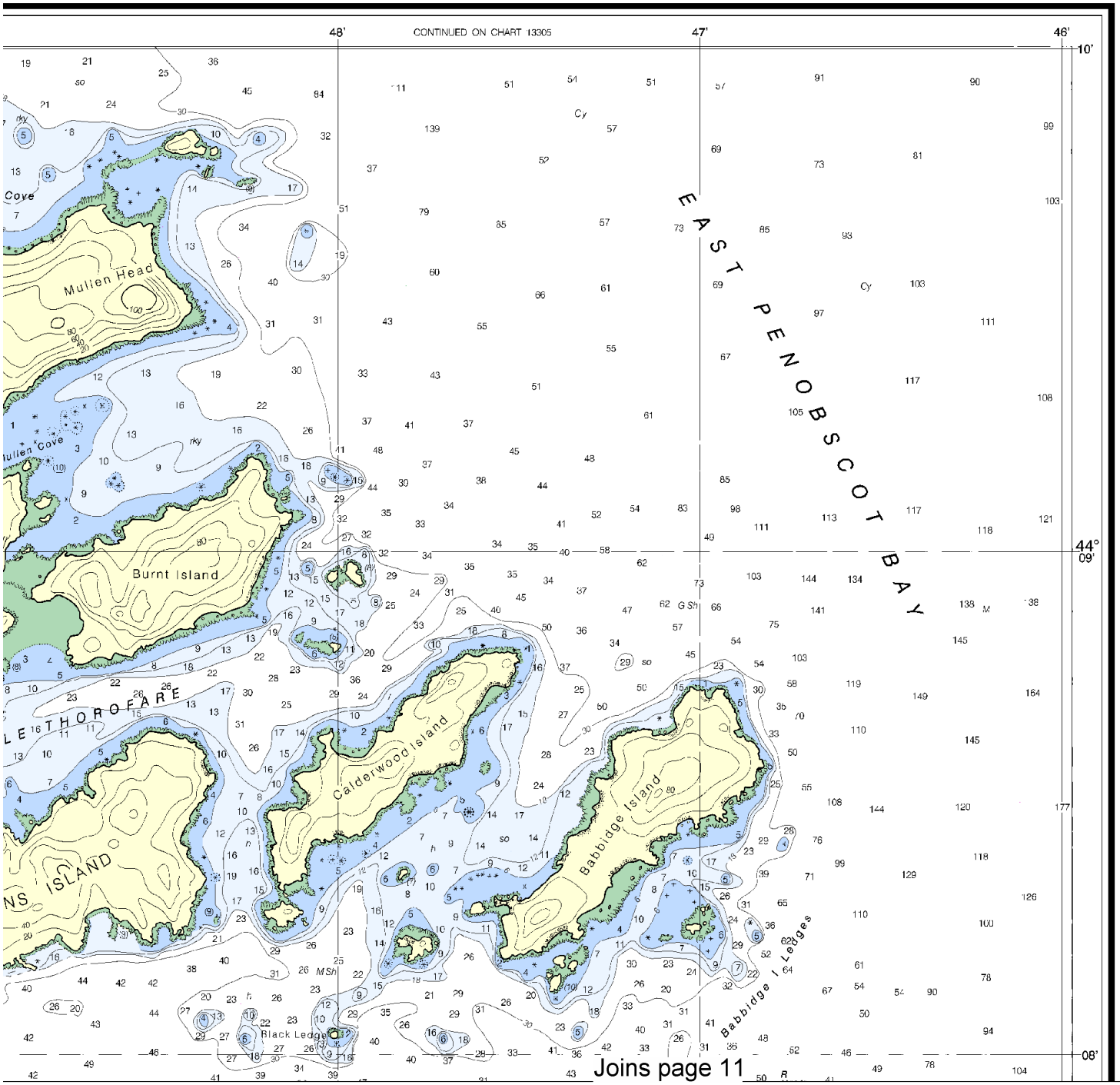
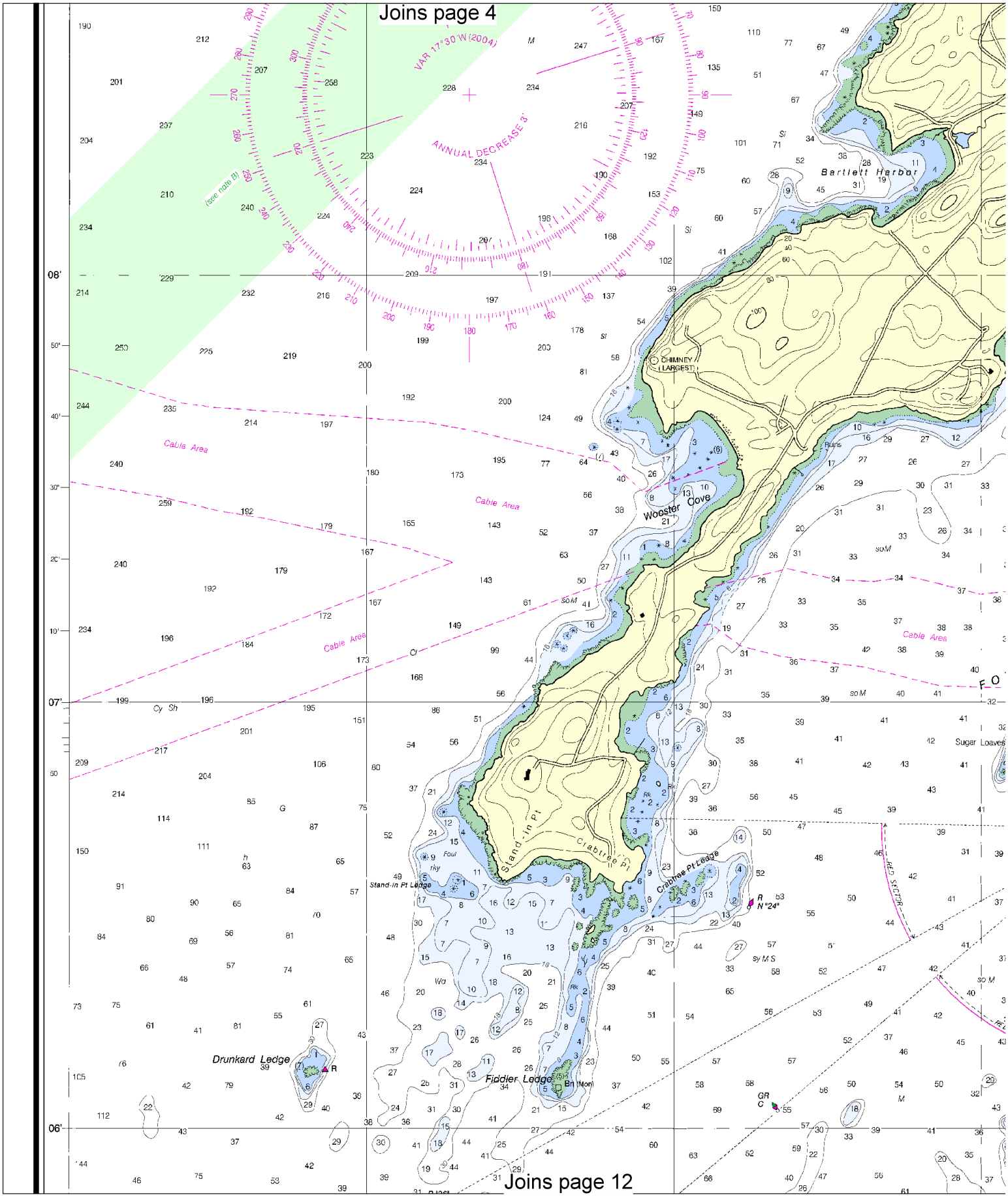


Joins page 11

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.

Joins page 4



Joins page 12

North

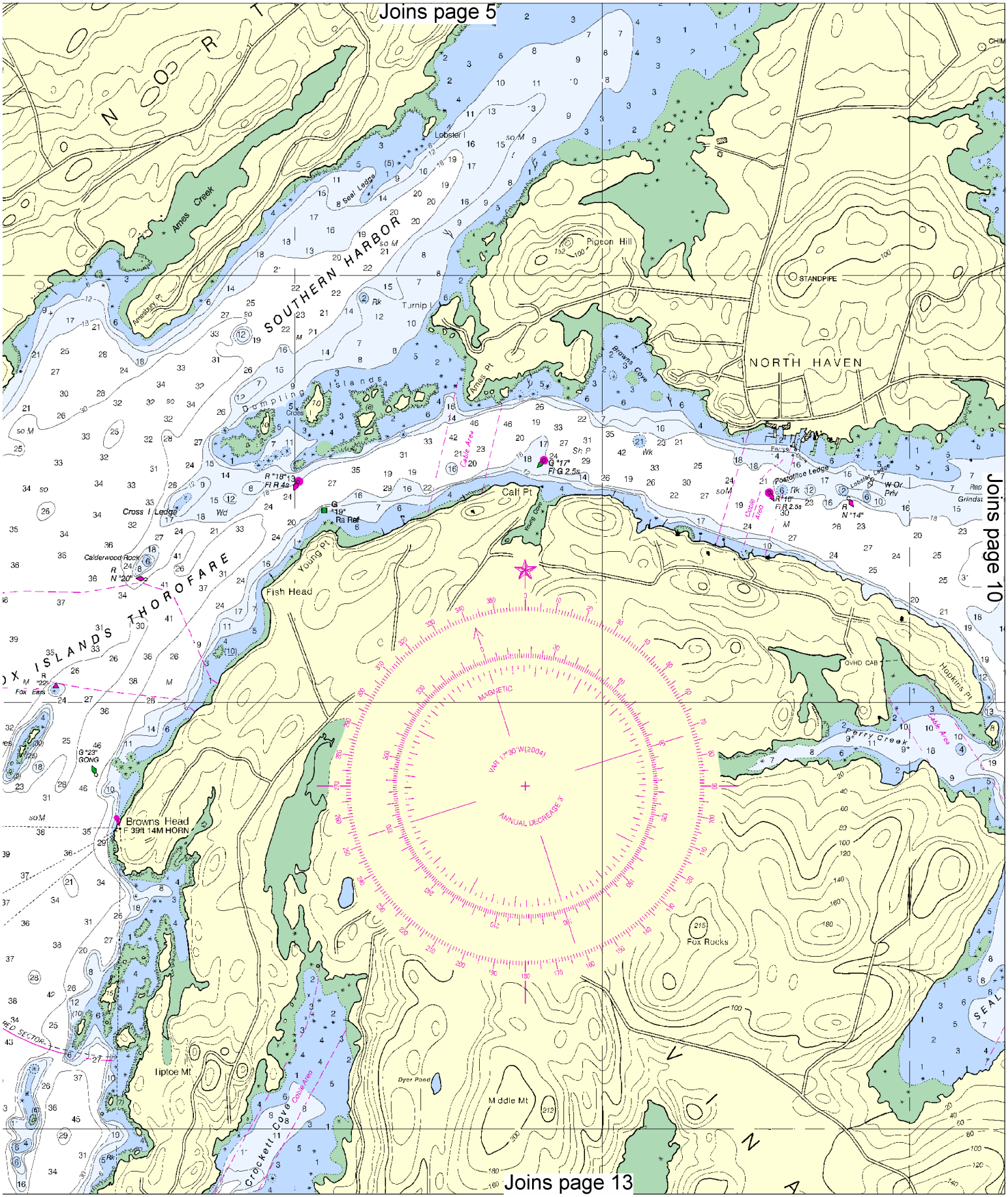
Printed at reduced scale. ~~SCALE 1:15,000~~ See Note on page 5.

Nautical Miles

0 1

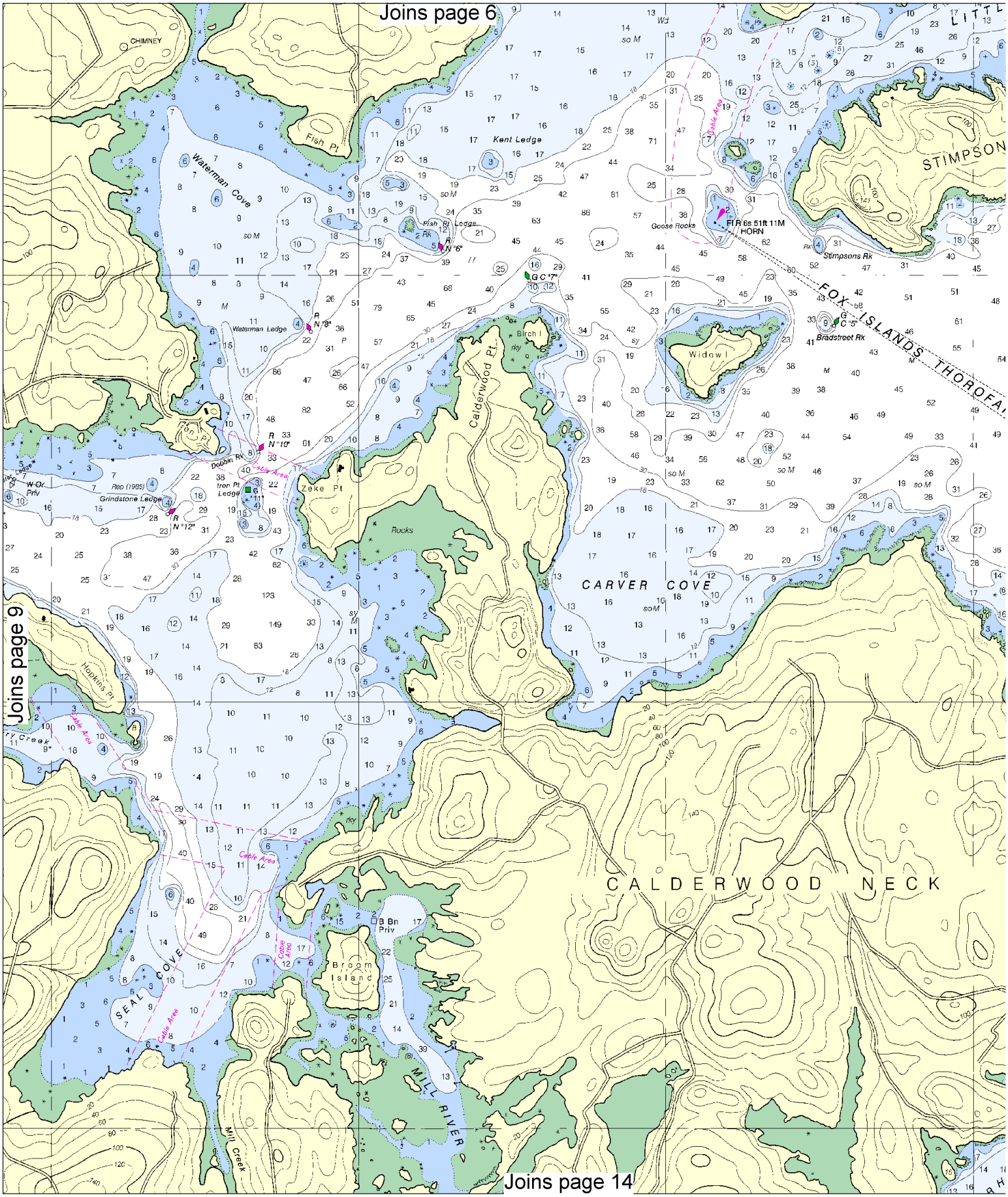
Yards

500 0 500 1000 1500


Joins page 5
Joins page 10
Joins page 13
SOUTHERN HARBOR
NORTH HAVEN
Ames Creek
Lobster I
Seal Ledge
Pigeon Hill
STANDPIPE
Turnip I
Ames Pt
Browns Cove
Dumpling Islands
Cross I
Cross I Ledge
Calderwood Rock
Young Pt
Fish Head
Cali Pt
Young Cove
Postoffice Ledge
Lobster Ledge
Cable Area
Fox Ears
Browns Head
F 39ft 14M HORN
Tiptoe Mt
Crockett Cove
Dyer Pond
Middle Mt
Fox Rocks
Perry Creek
Hopkins Pt
OVHD CAB
MAGNETIC
VAR 17°30'W(2004)
ANNUAL DECREASE 3'
RED SECTOR
SEAL

Joins page 6

Joins page 9



Joins page 14

North

Printed at reduced scale. ~~SCALE 1:15,000~~ See Note on page 5.

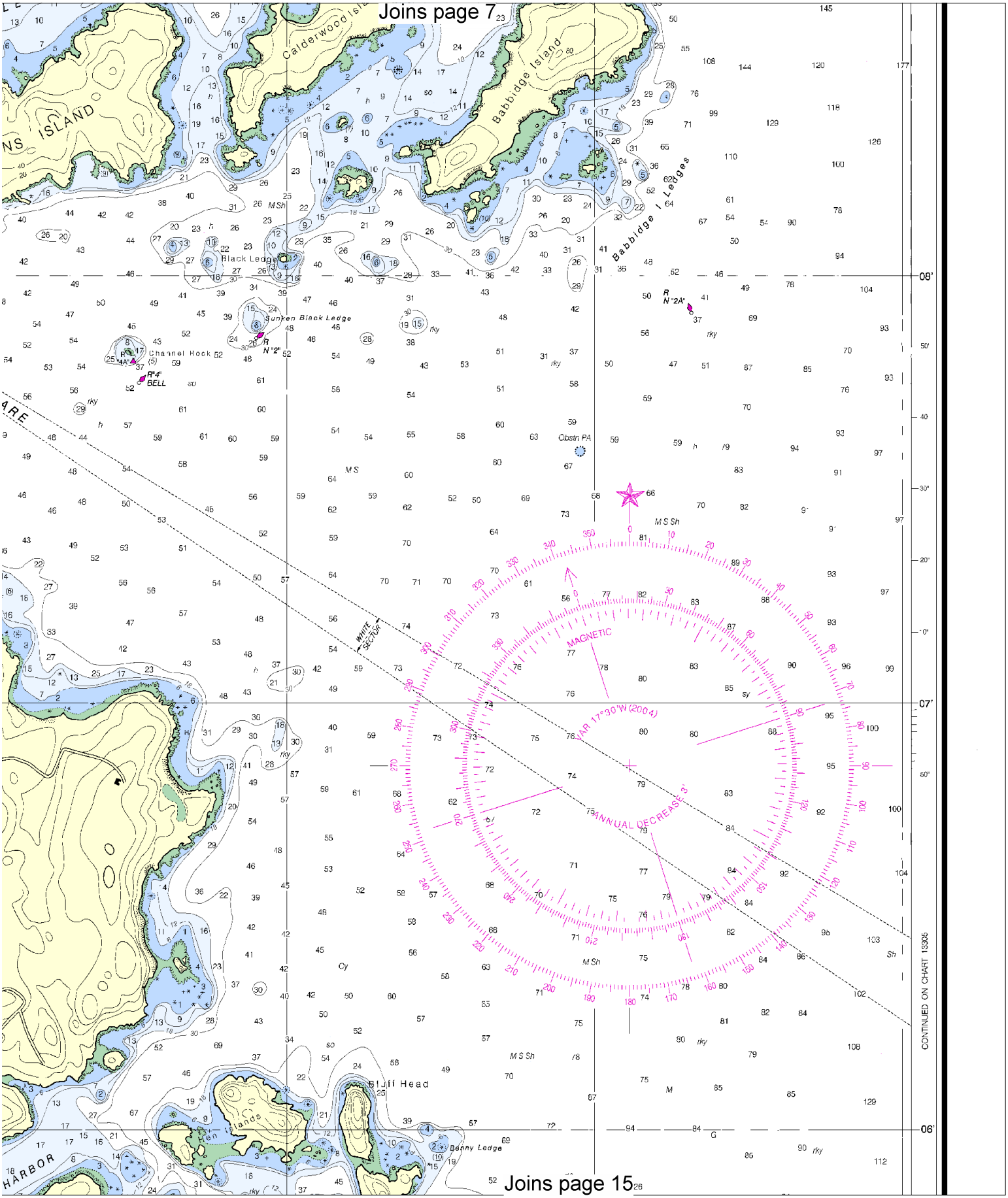
Nautical Miles

0 1

Yards

500 0 500 1000 1500

Joins page 7



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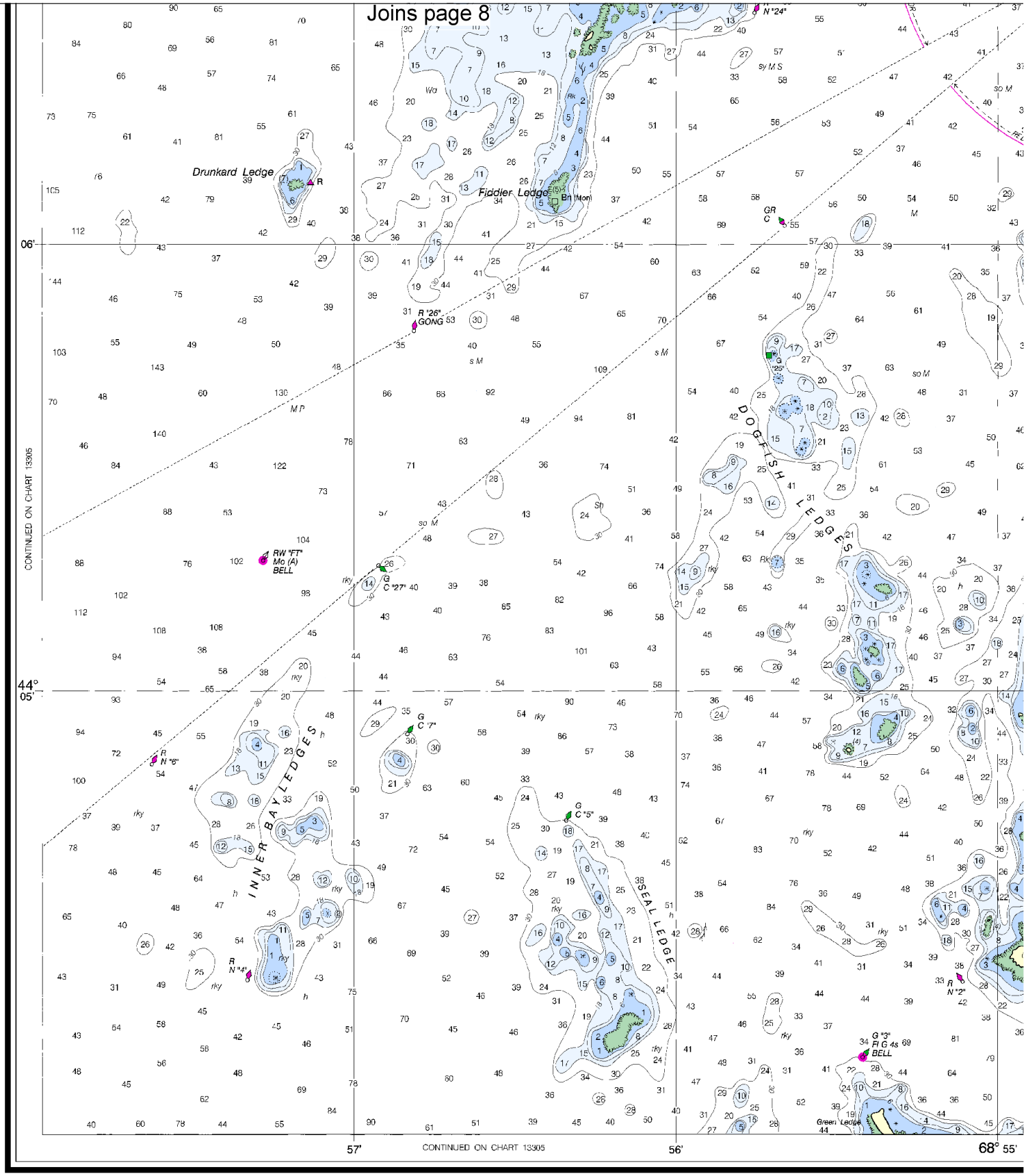

12th Ed., Apr. / 04 ■ Corrected through NM Apr. 3/04
Corrected through LNM Mar. 16/04

13308

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North

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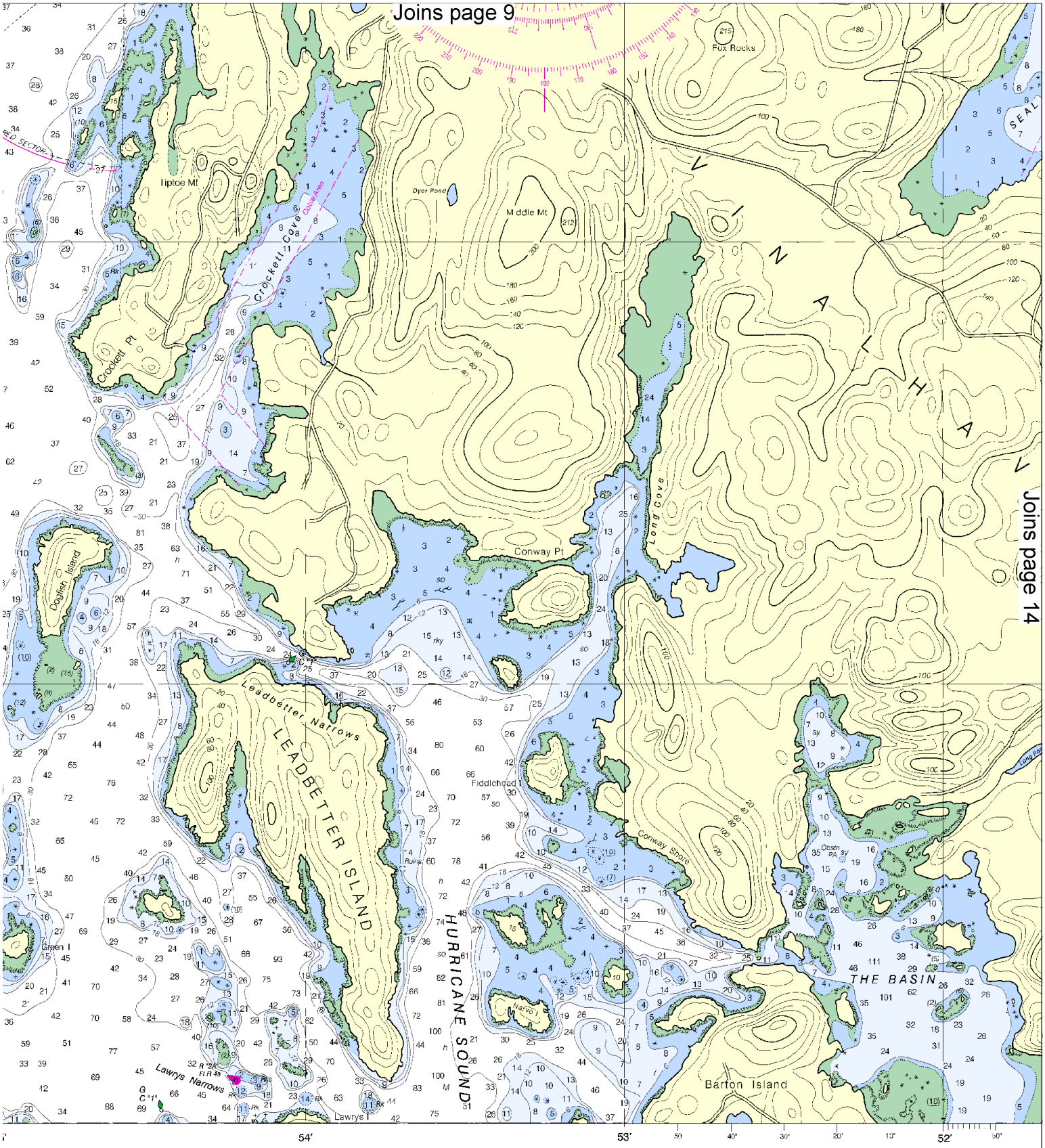
Nautical Miles: 0 — 1

Yards: 500 — 0 — 500 — 1000 — 1500



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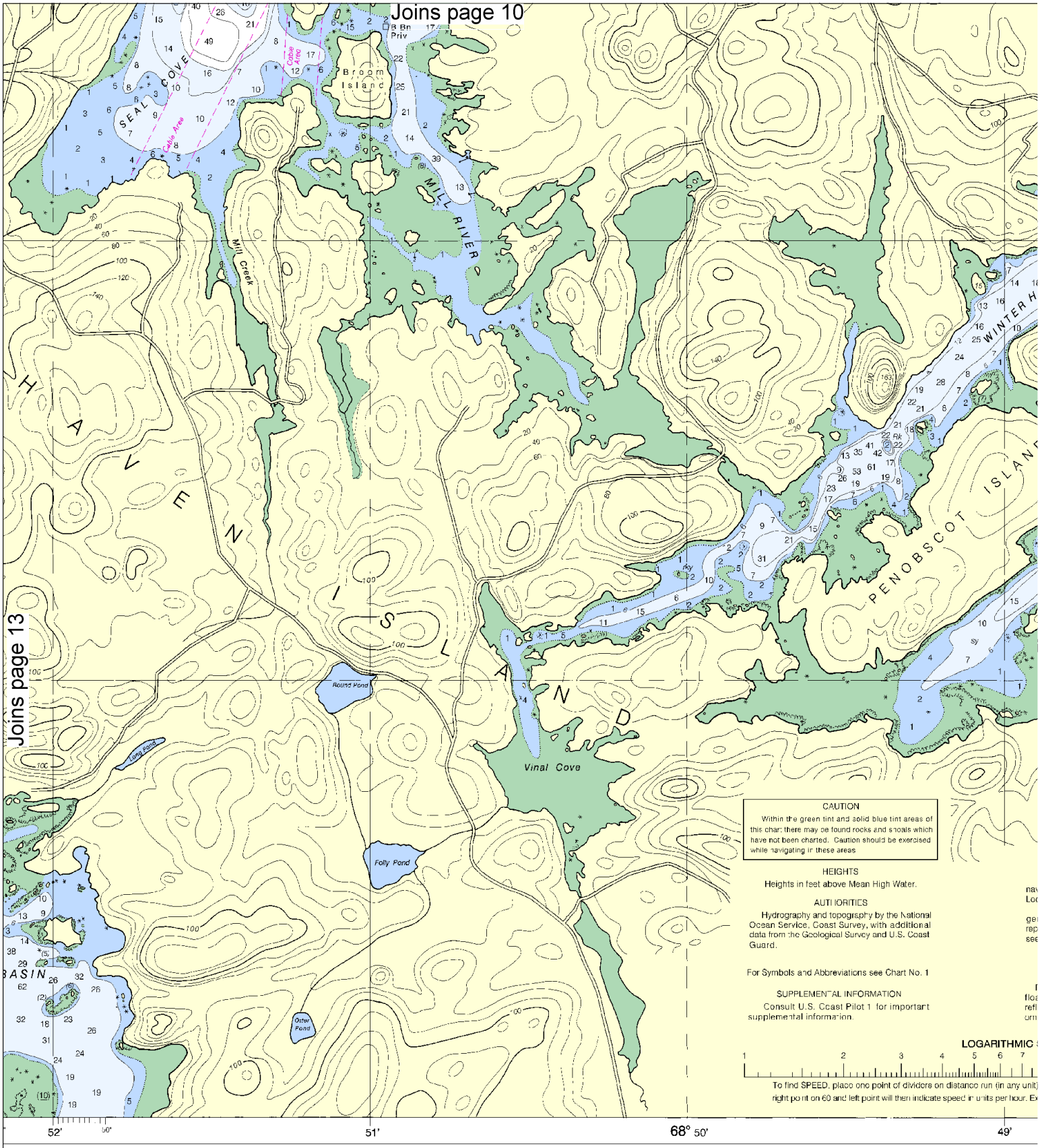
Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN
NATIONAL OCEAN SERVICE
COAST SURVEY



Published at Washington, D.C.
DEPARTMENT OF COMMERCE
OCEANIC AND ATMOSPHERIC ADMINISTRATION
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COAST SURVEY

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SOUNDINGS IN FEET

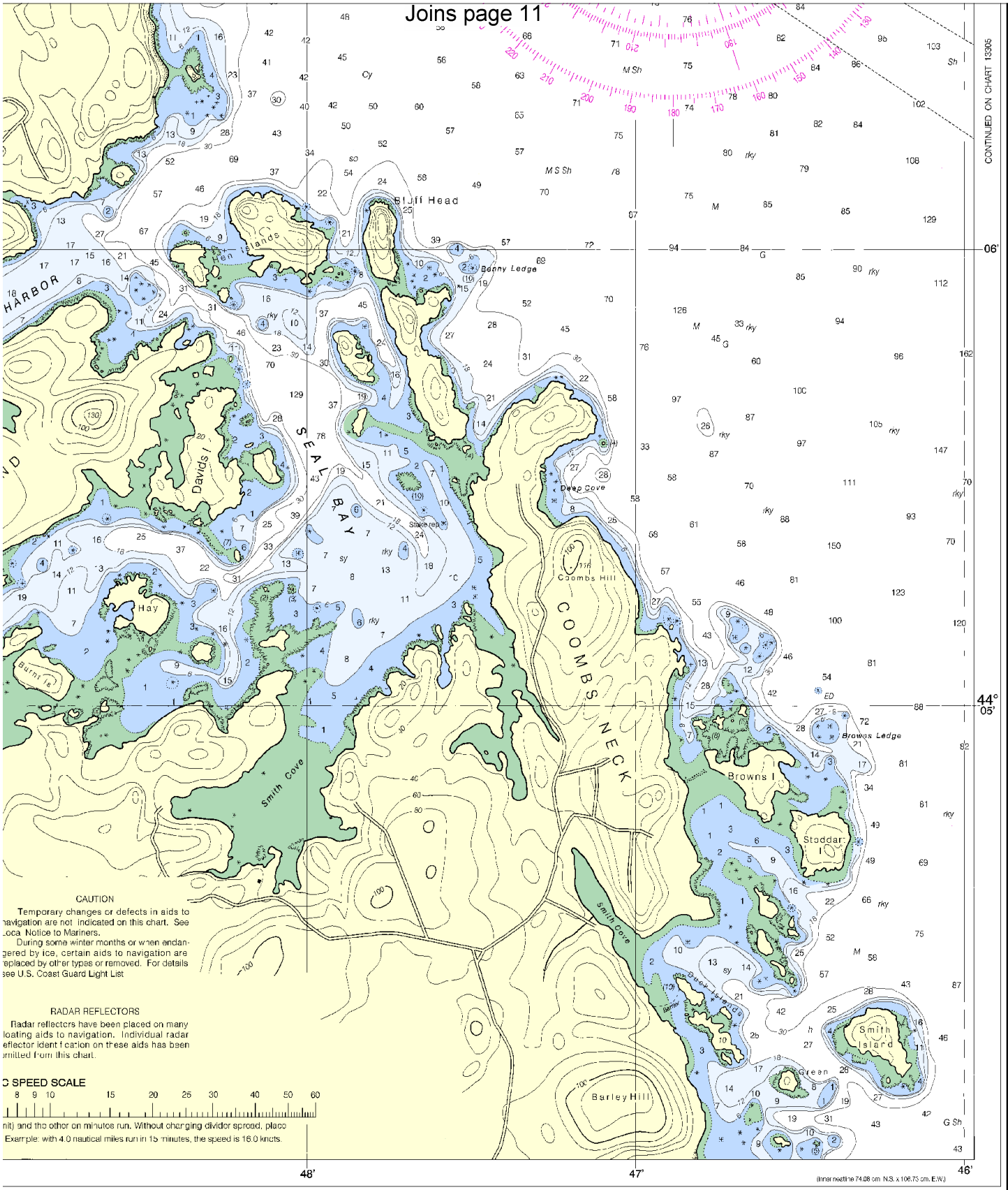
North

Printed at reduced scale. ~~SCALE 1:15,000~~ See Note on page 5.

Nautical Miles: 0 — 1

Yards: 500 — 0 — 500 — 1000 — 1500

Joins page 11



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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.

C SPEED SCALE

8 9 10 15 20 25 30 40 50 60

nit) and the other on minutes run. Without changing divider spread, place

Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

Fox Islands Thorofare

SOUNDINGS IN FEET - SCALE 1:15,000

13308

NSN 7642014010470

NGA REFERENCE No. 13XHA13308

ED NO 12

15

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 Southwest Harbor – 207-244-4204
Coast Guard Rockland – 207-596-6666
Maine Marine Patrol – 800-452-4664
Coast Guard Atlantic Area Cmd – 757-398-6390

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.