BookletChart™

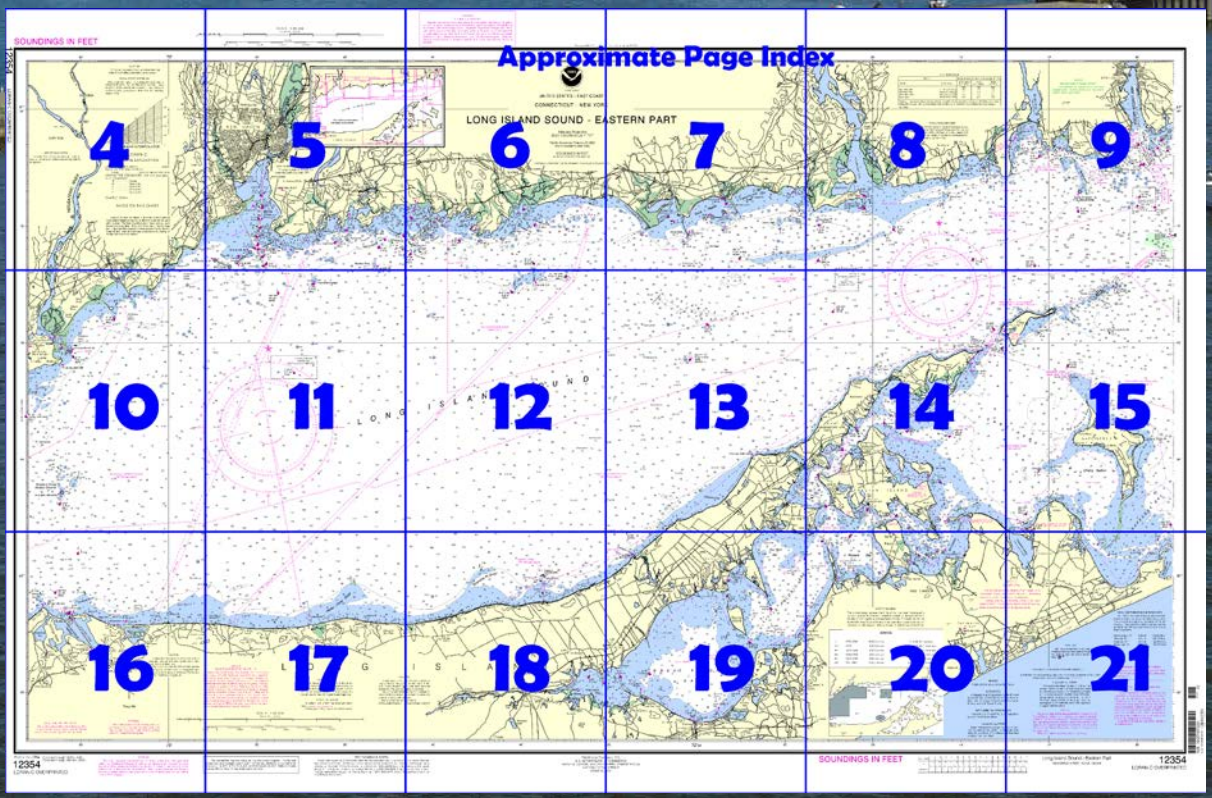
Long Island Sound – Eastern Part

NOAA Chart 12354

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 Notices to Mariners*
- *Compiled by NOAA's Office of Coast Survey, the nation's chartmaker*



Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA

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.

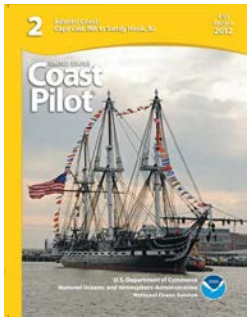
Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

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.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=12354



(Selected Excerpts from Coast Pilot)
Long Island Sound is a deep navigable waterway lying between the shores of
Submarine operating areas are in the approaches to New London Harbor, Connecticut River, and off the northern shore of Long Island. As submarines may be operating submerged in these areas, vessels should proceed with caution.
In the eastern portion of Long Island Sound the current turns from ½ to 1½ hours earlier along the north shore than in the middle of the sound.
Proceeding westward from The Race in the middle of the sound, the velocity of current is 1.8 knots off Cornfield Point, about 1 knot off New Haven, 1 knot off Eatons Neck, 0.4 knot between Peningo Neck and Matinecock Point, and 0.5 knot eastward of Hart Island.
About 1.5 miles east-southeastward of Barlett Reef, the velocity of flood is 1.2 knots and ebb 1.6 knots. The flood current sets 285° and the ebb 062°.
Long Island Sound, Caution.–Submarine operating areas are in the approaches to New London Harbor, Connecticut River, and off the northern shore of Long Island. As submarines may be operating submerged in these areas, vessels should proceed with caution.
New London Harbor, Dangers.–On the west side of the approach to New London Harbor, foul ground extends about 1 mile from shore in the vicinity of **Goshen Point** (chart 13211). The southerly and southeasterly limits of this area are marked by buoys. The area has numerous rocky patches and boulders, some showing above water, and should be avoided by small craft. **Rapid Rock,** marked by a buoy on its southeast side, is about 1.6 miles southwestward of New London Ledge Light; it has a least depth of 10 feet. An unmarked ledge covered 35 feet is about 100 yards south by eastward of Rapid Rock and is the outermost shoal to the southward. **Sarah Ledge**, 0.7 mile northeastward of Rapid Rock and marked by a buoy, has a least depth of 14 feet and is the easternmost shoal on the west side of the main channel approach.
On the east side of the main channel foul ground extends about 1 mile offshore. **New London Ledge**, marked by New London Ledge Light, has a least depth of 7 feet. **Black Ledge**, just to the northeastward of New London Ledge, has a rocky islet, 2 feet high, on it. Depths are 5 to 18 feet on the ledge. Buoys mark the shoal area.
Broken ground fringes the shore southwestward of New London Harbor Light. A rock with 3 feet over it is located about 0.1 mile from shore in the bight just southward of the light and shoal soundings extend as far as 0.2 mile from shore where an 8-foot sounding is located.
Connecticut River, Dangers.–Saybrook Outer Bar, which obstructs the mouth of the Connecticut River, is shifting, with depths of 2 to 12 feet extending nearly 2 miles off the mouth; it is marked off its southeastern end by a lighted bell buoy.
In 1976, obstructions were reported in the channel at the railroad bascule bridge 3 miles above the mouth of the Connecticut River; a least depth of 13 feet is reported in the channel in an area 40 to 50 feet from the east abutment of the bridge. Mariners requiring greater depths are advised to avoid this area of the channel during passages.
Dangers.–Townshend Ledge, 2.7 miles southeastward of Southwest Ledge Light, has a least depth of 18 feet and is marked by a lighted bell buoy.
Stony Islet, 2.2 miles eastward of Southwest Ledge Light, is low, bare, and surrounded by ledges bare at low water to a distance of about 100 yards. A partly bare ledge is about 0.2 mile north-northwestward of Stony Islet. From this ledge and Stony Islet westward to the entrance of New Haven Harbor, an area of foul ground with many rocks bare at low water extends about 0.5 mile offshore. This area should be avoided.
Shoals with 16 to 18 feet over them extend over 0.5 mile southeastward from the breakwaters on both sides of the dredged entrance channel. A spoil area with reported depths of 15 feet is on the eastern side of the entrance channel. An 18-foot spot is on the east side of the main channel, at the first turn westward of Southwest Ledge Light.
The bights on the west shore of New Haven Harbor from Pond Point northward are shoal with bare rocks and foul ground in most of them. The shore is rocky at **Woodmont**, about 2 miles northeastward of Pond Point. **Black Rock**, bare at low water and marked by a seasonal buoy, is 0.2 mile off the north end of Morris Cove. Opposite, on the west side, is a break-water, partly covered, extending from **Sandy Point,** marked by a light.

U.S. Coast Guard Rescue Coordination Center
24 hour Regional Contact for Emergencies

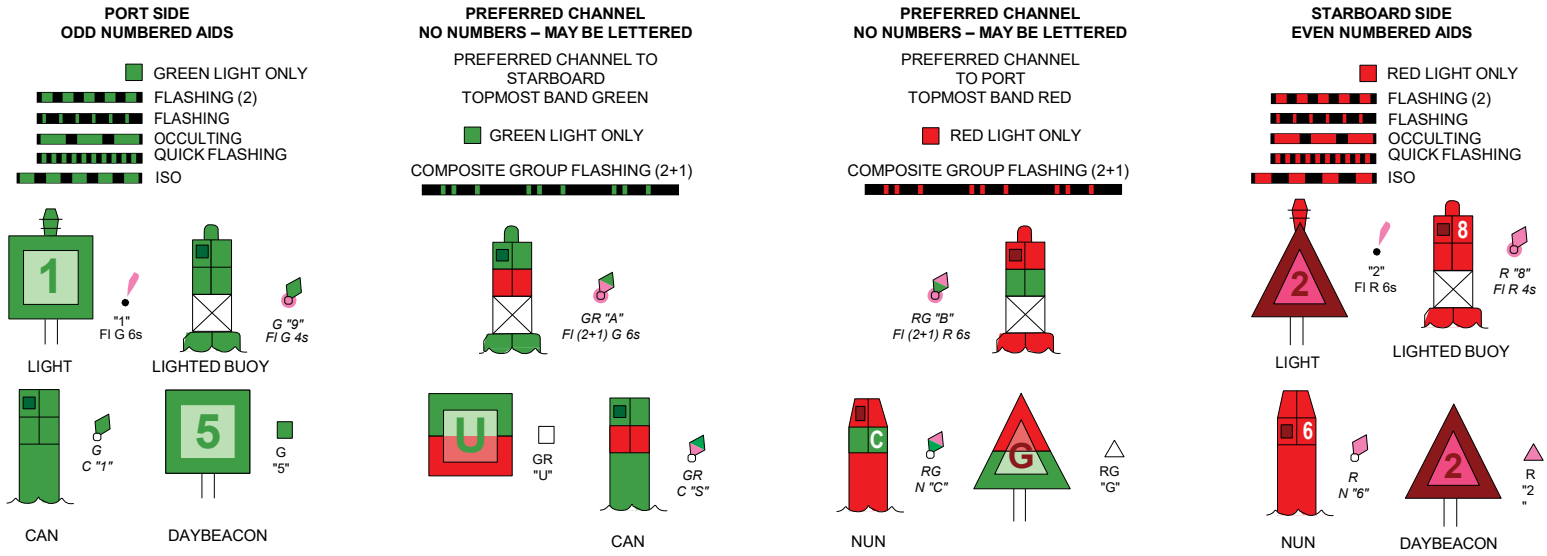
RCC Boston	Commander 1st CG District Boston, MA	(617) 223-8555

Navigation Manager Regions

To make suggestions, ask questions, or report a problem with a chart, go to https://www.nauticalcharts.noaa.gov/customer-service/assist/

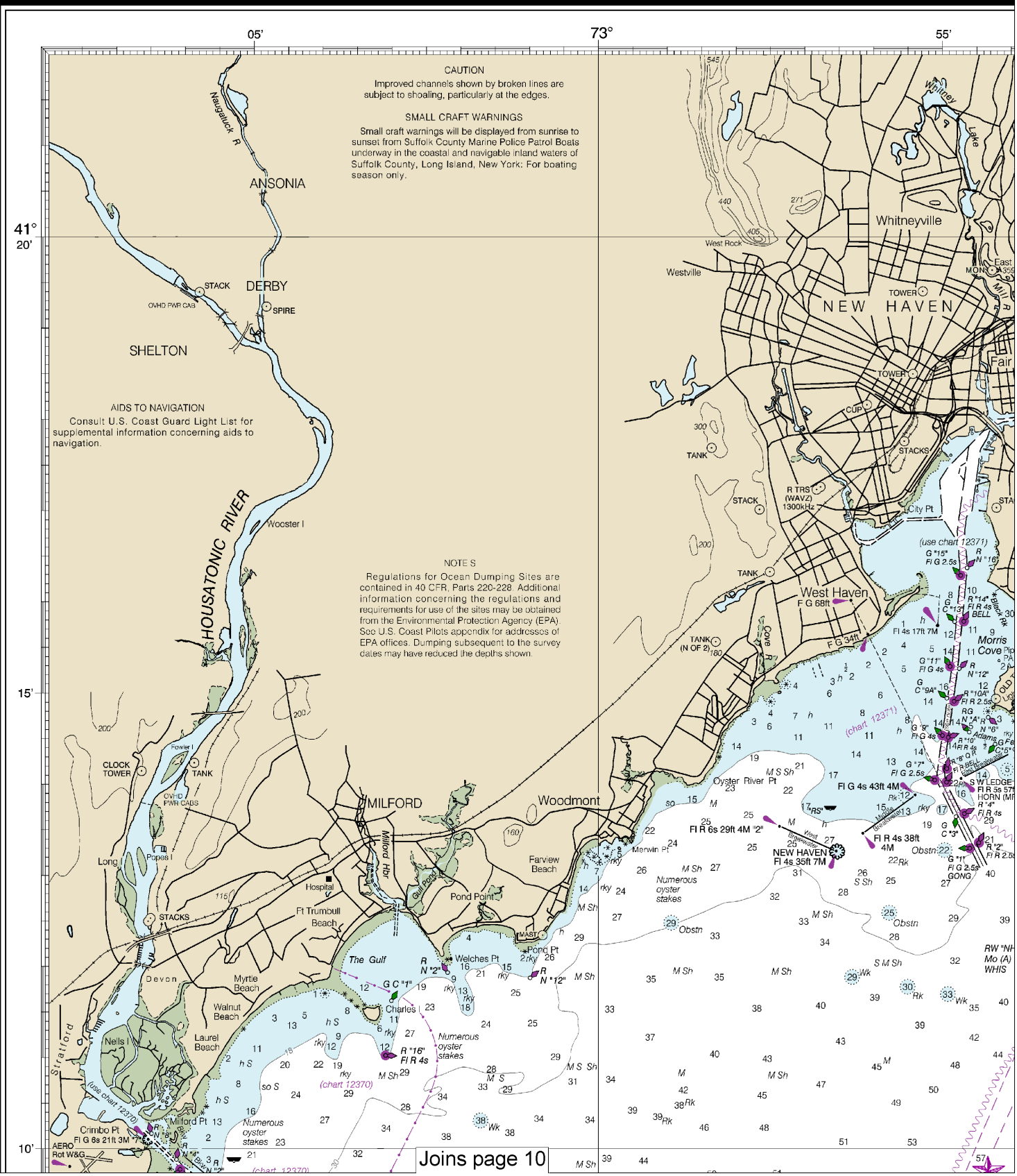
Lateral System As Seen Entering From Seaward

on navigable waters except Western Rivers



For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area.
These volumes are available online at *http://www.navcen.uscg.gov*

SOUNDINGS IN FEET



Printed at reduced scale. ~~SCALE 1:80,000~~

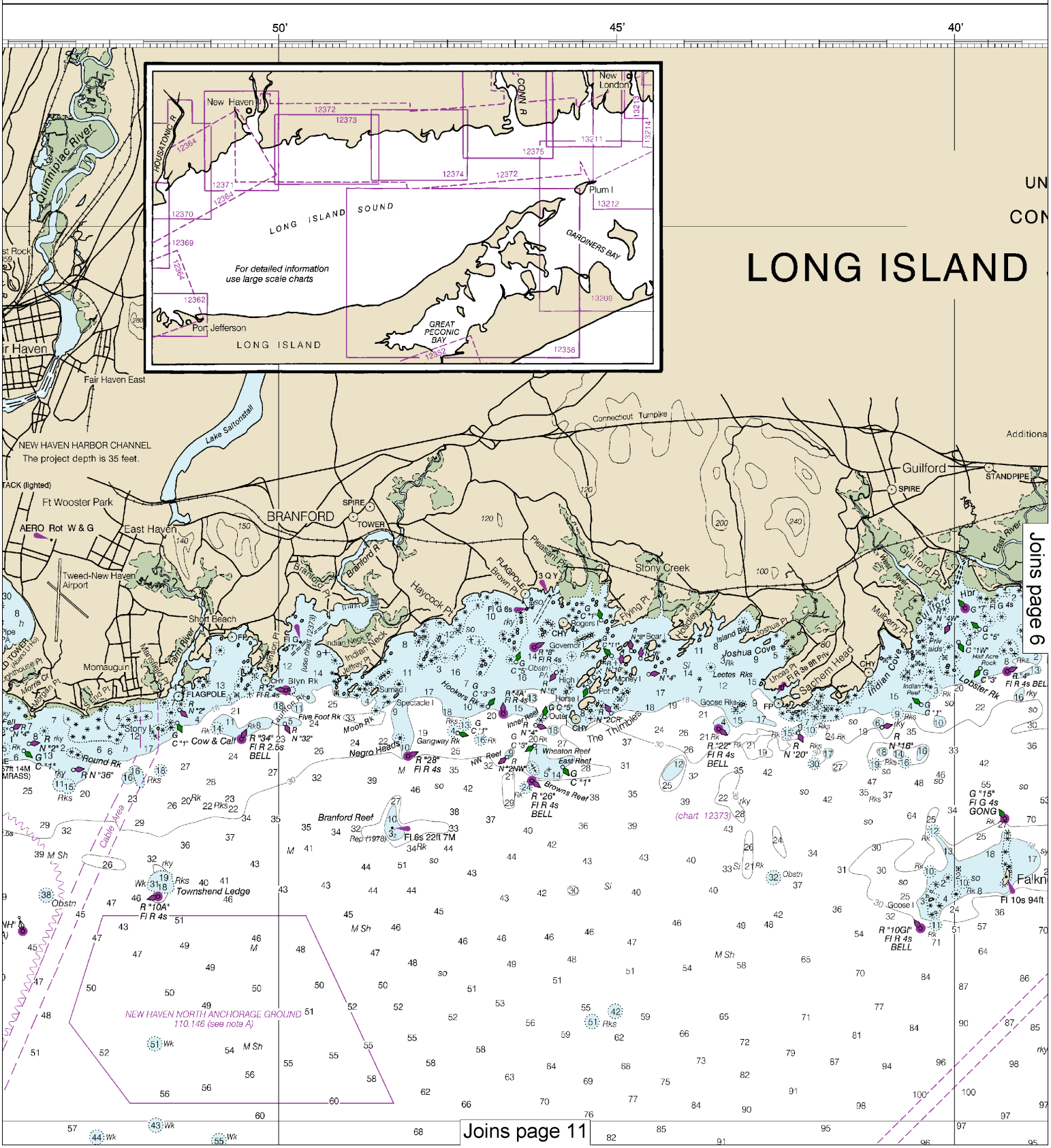
See Note on page 5.

Nautical Miles: 1 0 1 2 3 4 5 6 7

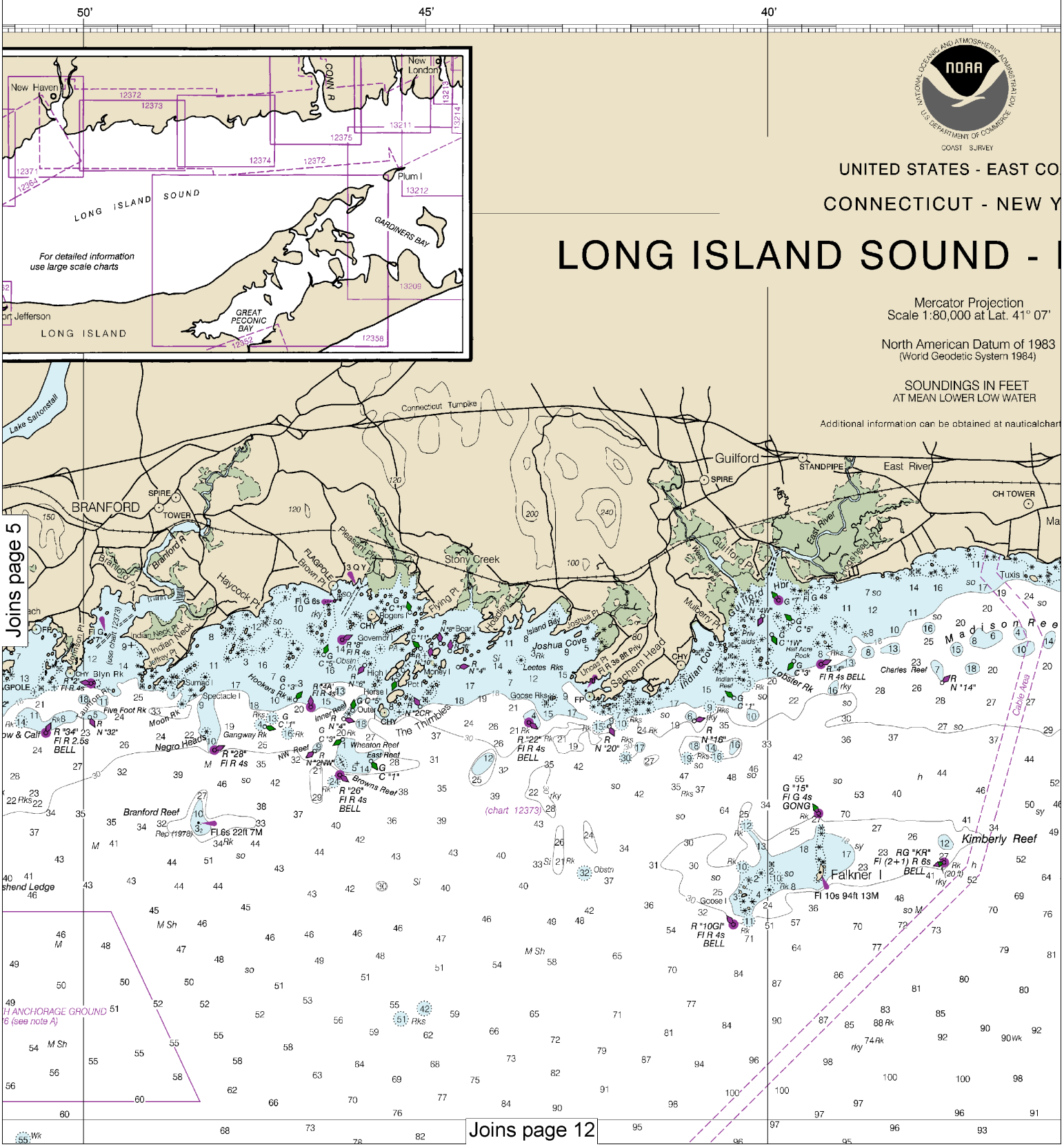
Yards: 1000 0 2000 4000 6000 8000 10000

4

Note: Chart grid lines are aligned with true north.



This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:106666. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.



Joins page 5

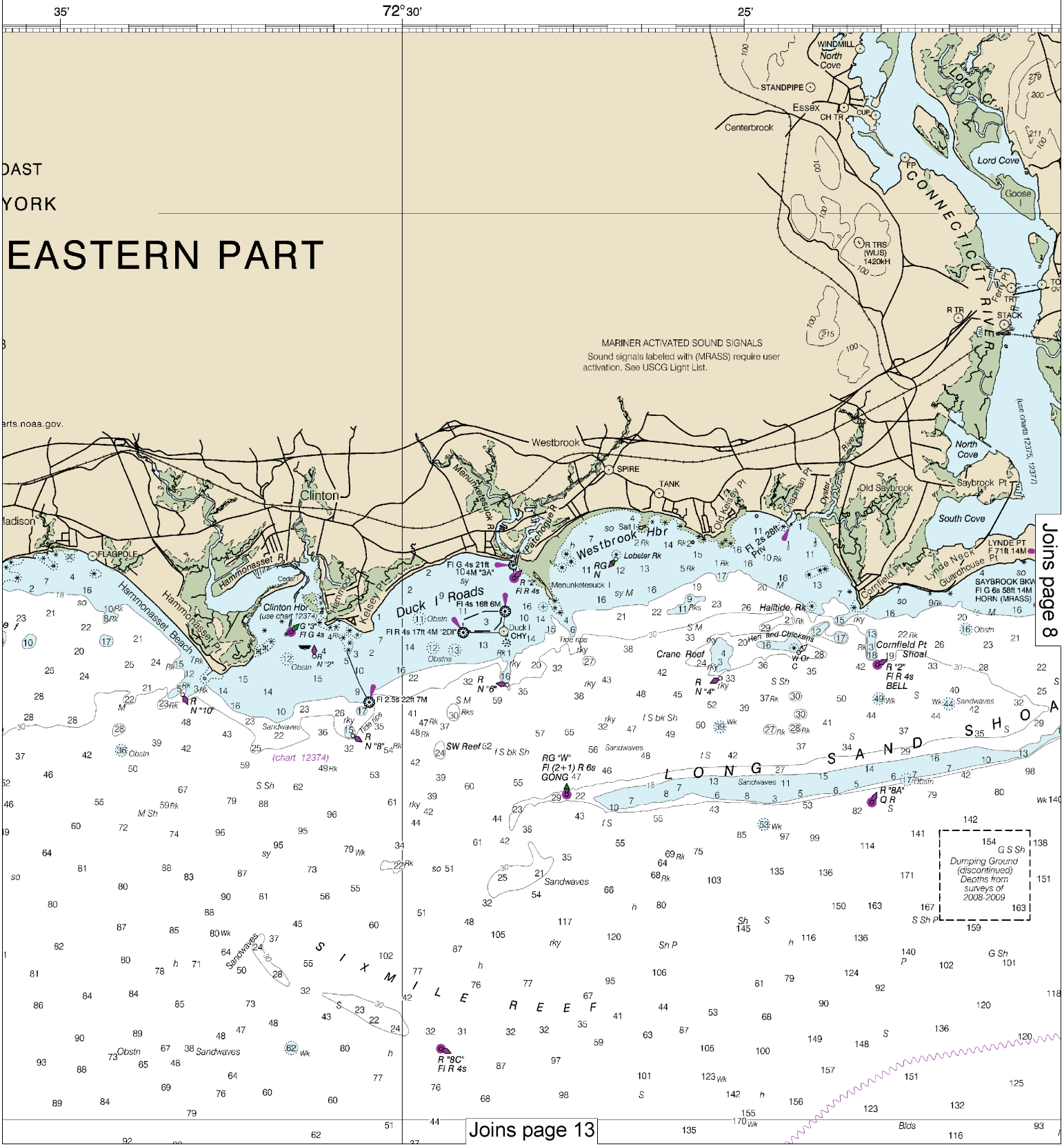
Note: Chart grid lines are aligned with true north.

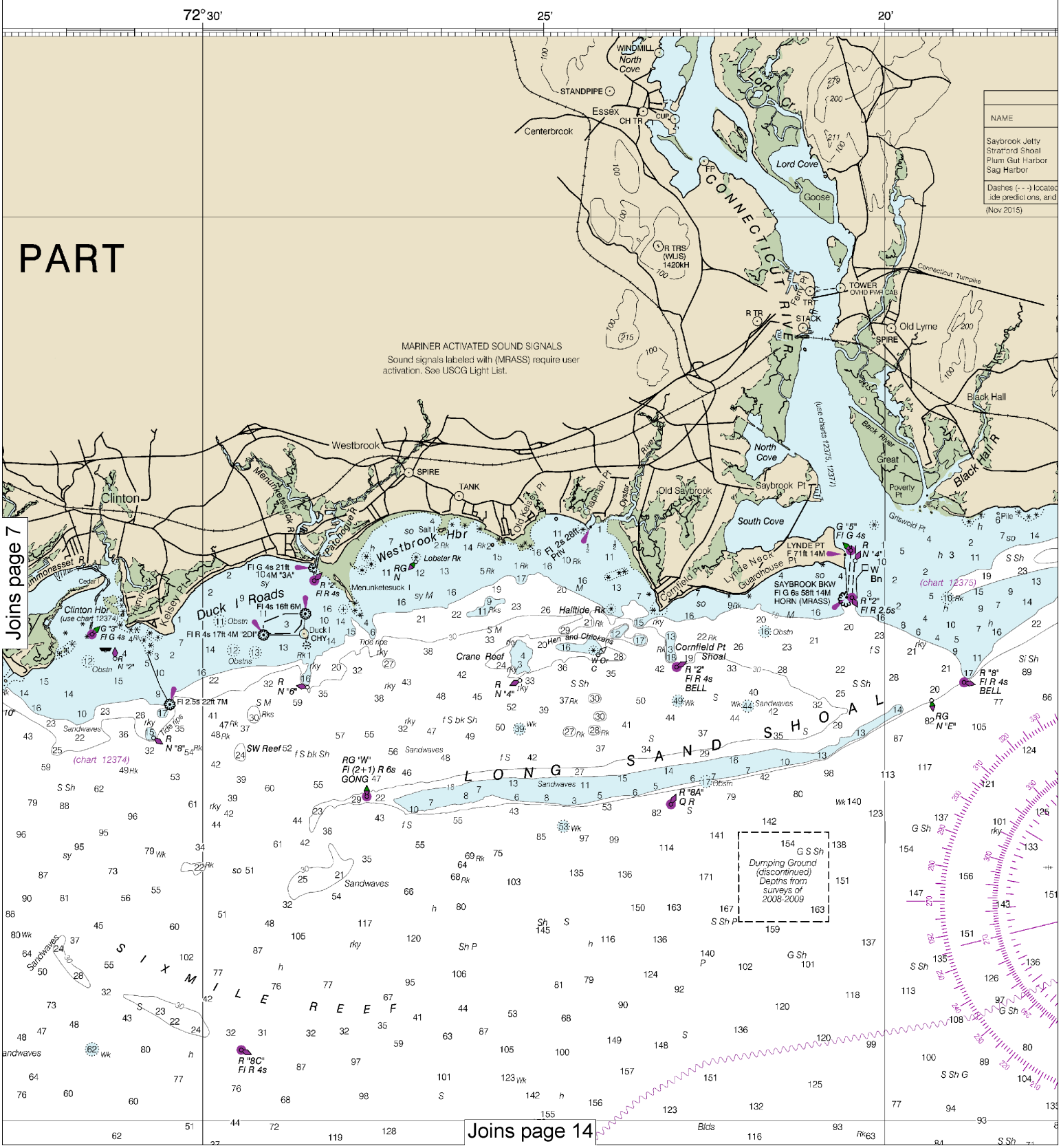
Printed at reduced scale. ~~SCALE 1:80,000~~

Nautical Miles: 1 0 1 2 3 4 5 6 7

Yards: 1000 0 2000 4000 6000 8000 10000

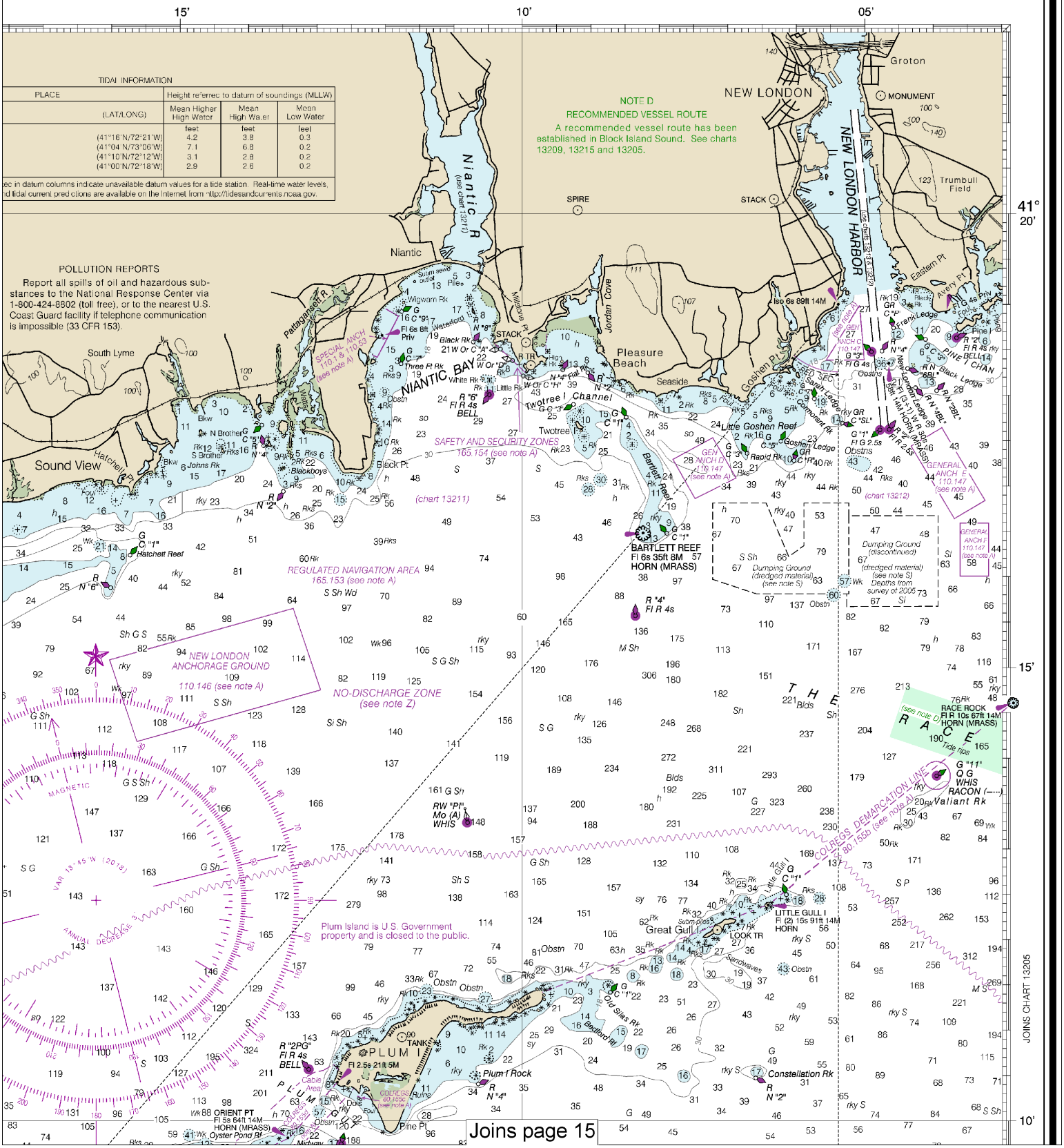
See Note on page 5.

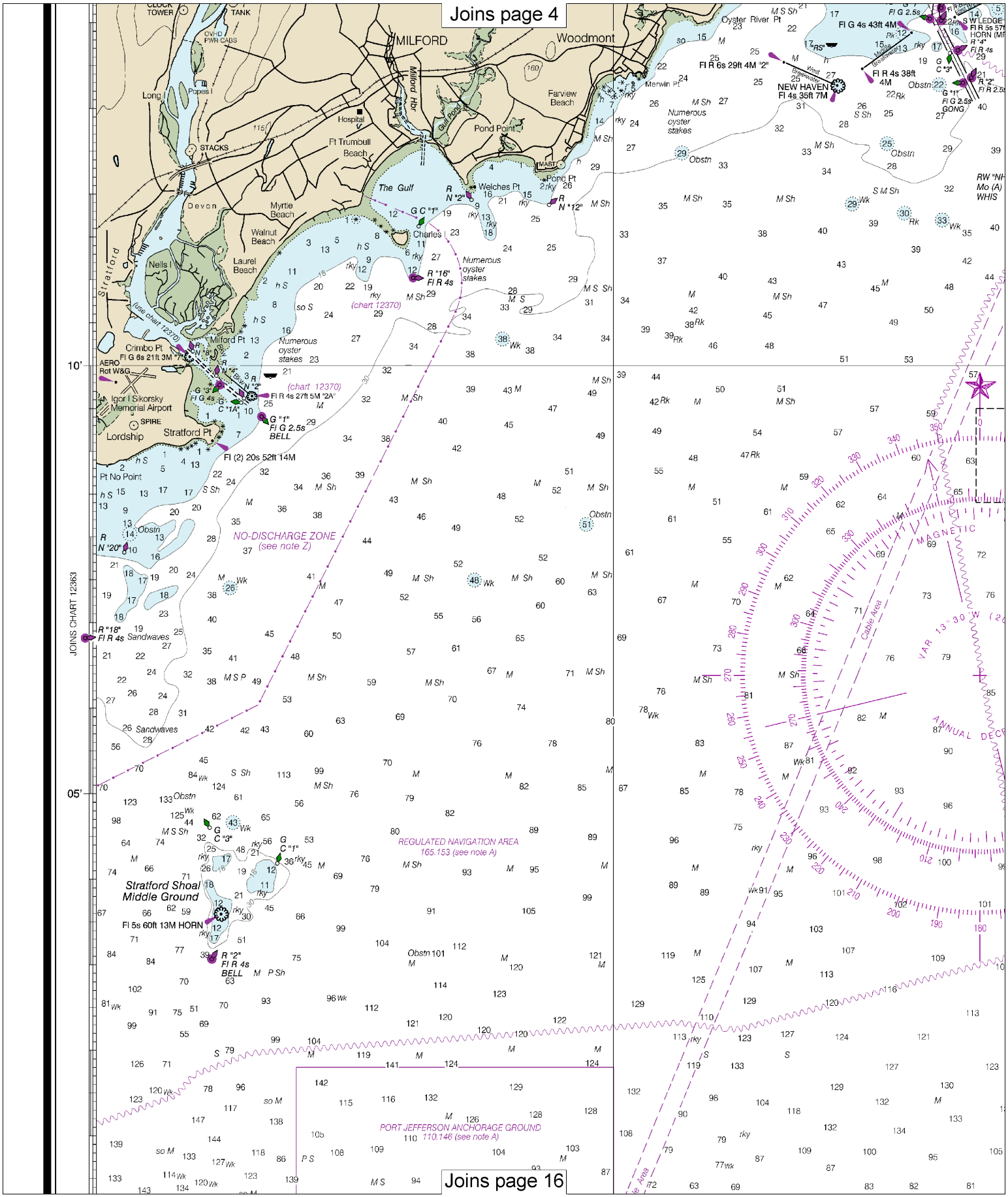

35'
72°30'
25'
DAST
YORK
EASTERN PART
arts.noaa.gov.
MARINER ACTIVATED SOUND SIGNALS
Sound signals labeled with (MRASS) require user activation. See USCG Light List.
WINDMILL
North Cove
STANDPIPE
Essex
CH TR
Centerbrook
Lord Cr
Lord Cove
Goose I
CONNECTICUT RIVER
R TRS (WLIS) 1420kH
R TR
STACK
Ferry Pt
Westbrook
SPIRE
TANK
Clinton
Madison
FLAGPOLE
Hammonasset R
Hammonasset Beach
Hammonasset Pt
Kelsey Pt
Menunketesuck R
Patchogue R
Duck I Roads
Fl G 4s 21ft 10.4M "3A"
Fl 4s 16ft 6M
Fl R 4s 17ft 4M "2DI"
Clinton Hbr (use chart 12374)
Fl G 4s
Fl R 4s
Fl 2.5s 22ft 7M
SW Reef
(chart 12374)
Westbrook Hbr
Lobster Rk
Menunketesuck I
Oldfield Pt
Chapman Pt
Oyster River
Old Saybrook
Saybrook Pt
North Cove
South Cove
Fl 2s 28ft Priv
Halftide Rk
Crane Reef
Hen and Chickens
Cornfield Pt Shoal
Fl R 4s BELL
Cornfield Pt
Lynde Nck
Guardhouse Pt
LYNDE PT F 71ft 14M
SAYBROOK BKW Fl G 6s 58ft 14M HORN (MRASS)
(use charts 12375, 12377)
LONG SAND SHOAL
RG "W" Fl (2+1) R 6s GONG
R "8A" Q R
Dumping Ground (discontinued) Depths from surveys of 2008-2009
SIX MILE REEF
R "8C" Fl R 4s
Joins page 8
Joins page 13



8

Note: Chart grid lines are aligned with true north.


15'
10'
05'
41° 20'
15'
10'
TIDAL INFORMATION
PLACE
(LAT/LONG)
Height re'erred to datum of soundings (MLLW)
Mean Higher High Water
Mean High Wa.er
Mean Low Water
feet
(41°16'N/72°21'W) 4.2 3.8 0.3
(41°04'N/73°06'W) 7.1 6.8 0.2
(41°10'N/72°12'W) 3.1 2.8 0.2
(41°00'N/72°18'W) 2.9 2.6 0.2
ec in datum columns indicate unavailable datum values for a tide station. Real-time water levels,
d tidal current pred ctions are available on the Internet from http://tidesandcurrents.noaa.gov.
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
RECOMMENDED VESSEL ROUTE
A recommended vessel route has been established in Block Island Sound. See charts 13209, 13215 and 13205.
NEW LONDON
Groton
MONUMENT
NEW LONDON HARBOR
Trumbull Field
SPIRE
STACK
Niantic R
Niantic
Pettagansett R
South Lyme
NIANTIC BAY
Pleasure Beach
Seaside
Goshen Pt
Jordan Cove
Millstone Pt
Eastern Pt
Avery Pt
Pine I
PINE I CHAN
Frank Ledge
Sarah Ledge
Cormorant Rk
Goshen Ledge
Little Goshen Reef
Twotree I
Twotree Channel
Bartlett Reef
Sound View
Hatchett Reef
Hatchett Pt
N Brother
S Brother
Johns Rk
Blackboys
Black Pt
Wigwam Rk
Three Ft Rk
Black Rk
White Rk
Little Rk
Waterford
Subm sewer outlet
Pile
SPECIAL ANCH 110.1 & 110.60 (see note A)
SAFETY AND SECURITY ZONES 165.154 (see note A)
GEN ANCH D 110.147 (see note A)
GENERAL ANCH E 110.147 (see note A)
GENERAL ANCH F 110.147 (see note A)
(chart 13211)
(chart 13212)
REGULATED NAVIGATION AREA 165.153 (see note A)
NEW LONDON ANCHORAGE GROUND 110.146 (see note A)
NO-DISCHARGE ZONE (see note Z)
Dumping Ground (discontinued)
(dredged material) (see note S)
Depths from survey of 2005
Dumping Ground (dredged material) (see note S)
BARTLETT REEF Fl 6s 35ft 8M HORN (MRASS)
R "4" Fl R 4s
Iso 6s 89ft 14M
New London Ledge Bell "NL"
Fl (4+1) 30s 68ft HORN (MRASS)
Fl R 2.5s
Fl G 4s
Fl G 2.5s
Fl R 4s BELL
Fl 6s 8ft Priv
Fl R 4s BELL
Fl 5s 64ft 14M HORN (MRASS)
Fl 2.5s 21ft 5M
PLUM I
TANK
Plum I Rock
Cable Area
COLREGS 80.165c (see note A)
Ruins
Pine Pt
Midway
Oyster Pond Rf
Wk 88 ORIENT PT
Old Silas Rk
Bedford Rk
Great Gull I
LOOK TR
LITTLE GULL I Fl (2) 15s 91ft 14M HORN
Sandwaves
Constellation Rk
Valiant Rk
RACE ROCK Fl R 10s 67ft 14M HORN (MRASS)
(see note J)
RACE
Tide rips
THE
Blds
Subm cable
Plum Island is U.S. Government property and is closed to the public.
COLREGS DEMARCATION LINE 80.155b (see note A)
RW "PI" Mo (A) WHIS
G "11" Q G WHIS RACON (----)
VAR 13°45'W (2018)
ANNUAL DECREASE
MAGNETIC
JOINS CHART 13205
Joins page 15



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Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:80,000~~

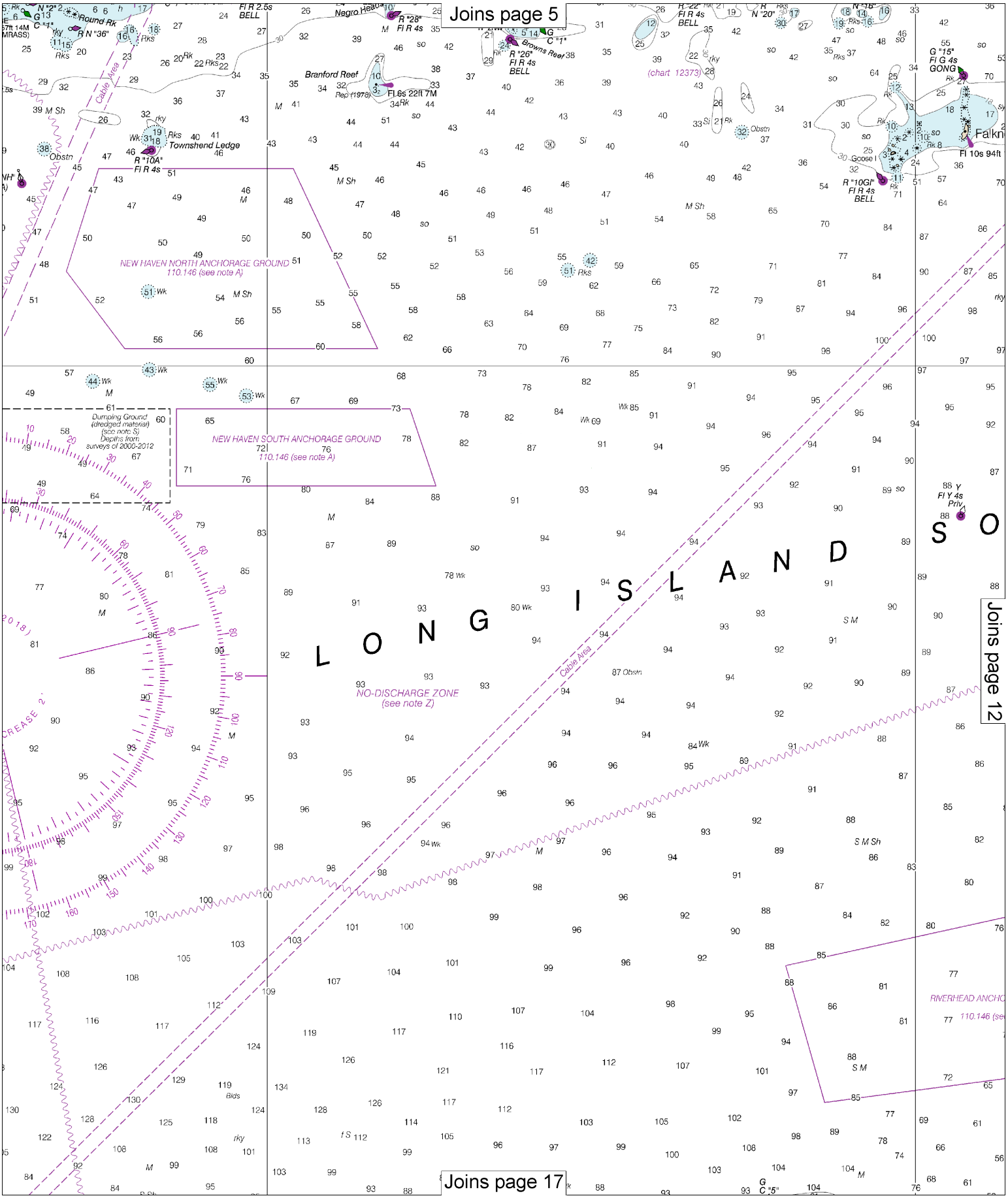
Nautical Miles

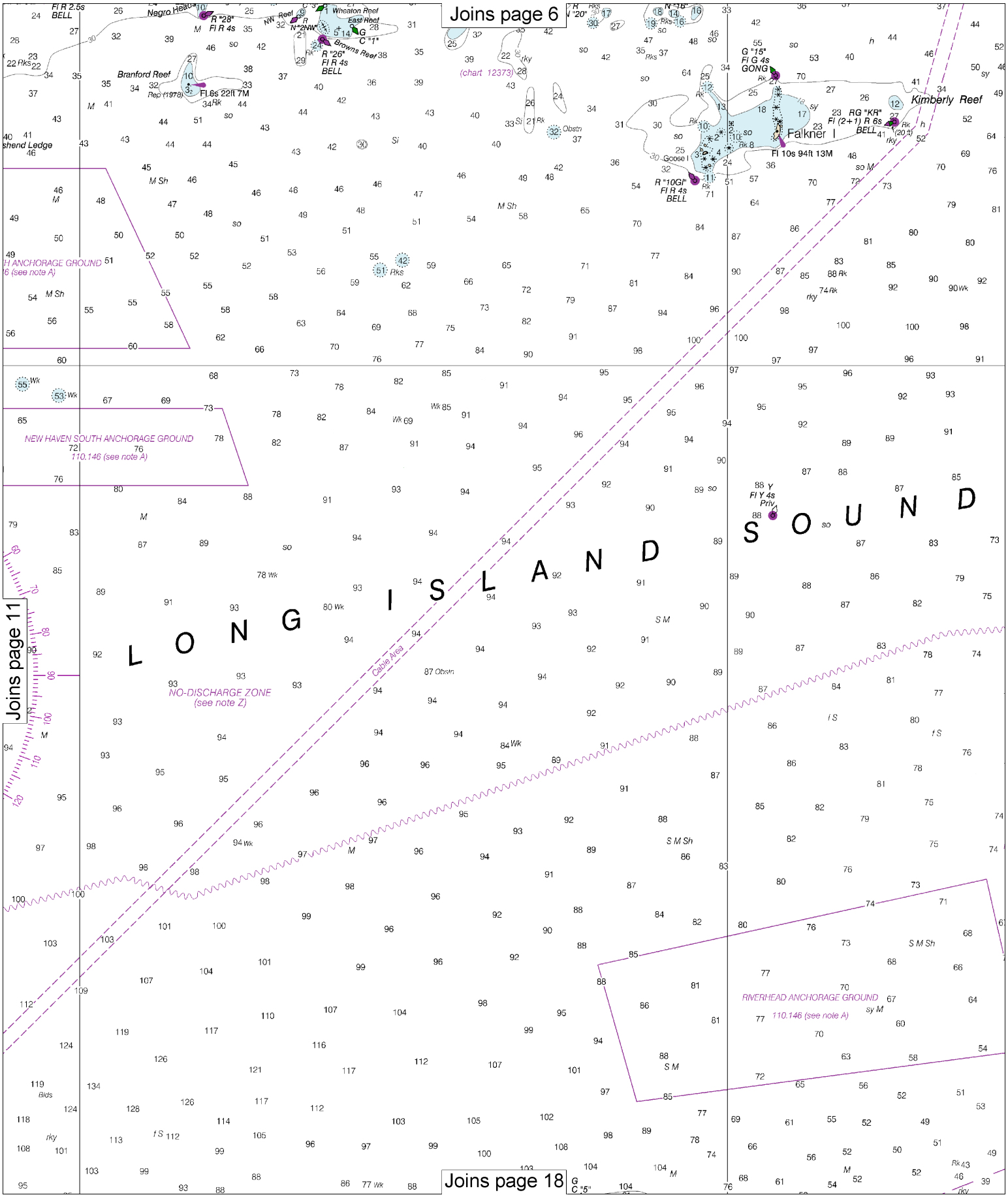
1 0 1 2 3 4 5 6 7

Yards

1000 0 2000 4000 6000 8000 10000

See Note on page 5.


Joins page 5
Joins page 12
Joins page 17
L O N G I S L A N D S O
NEW HAVEN NORTH ANCHORAGE GROUND
110.146 (see note A)
NEW HAVEN SOUTH ANCHORAGE GROUND
110.146 (see note A)
Dumping Ground
(dredged material)
(see note S)
Depths from
surveys of 2000-2012
NO-DISCHARGE ZONE
(see note Z)
Townshend Ledge
Branford Reef
Browns Reef
Negro Head
Round Rk
Cable Area
Cable Area
Fl R 2.5s
BELL
R "28"
Fl R 4s
R "26"
Fl R 4s
BELL
R "22"
Fl R 4s
BELL
N "20"
N "16"
G "15"
Fl G 4s
GONG
Fl 10s 94ft
R "10A"
Fl R 4s
R "10GI"
Fl R 4s
BELL
Fl 6s 22ft 7M
Bl Y
Fl Y 4s
Priv
(chart 12373)
RIVERHEAD ANCHO
110.146 (se
Obstn
Wk
Rks
Rk
M
M Sh
S M
S M Sh
Rky
Bldg



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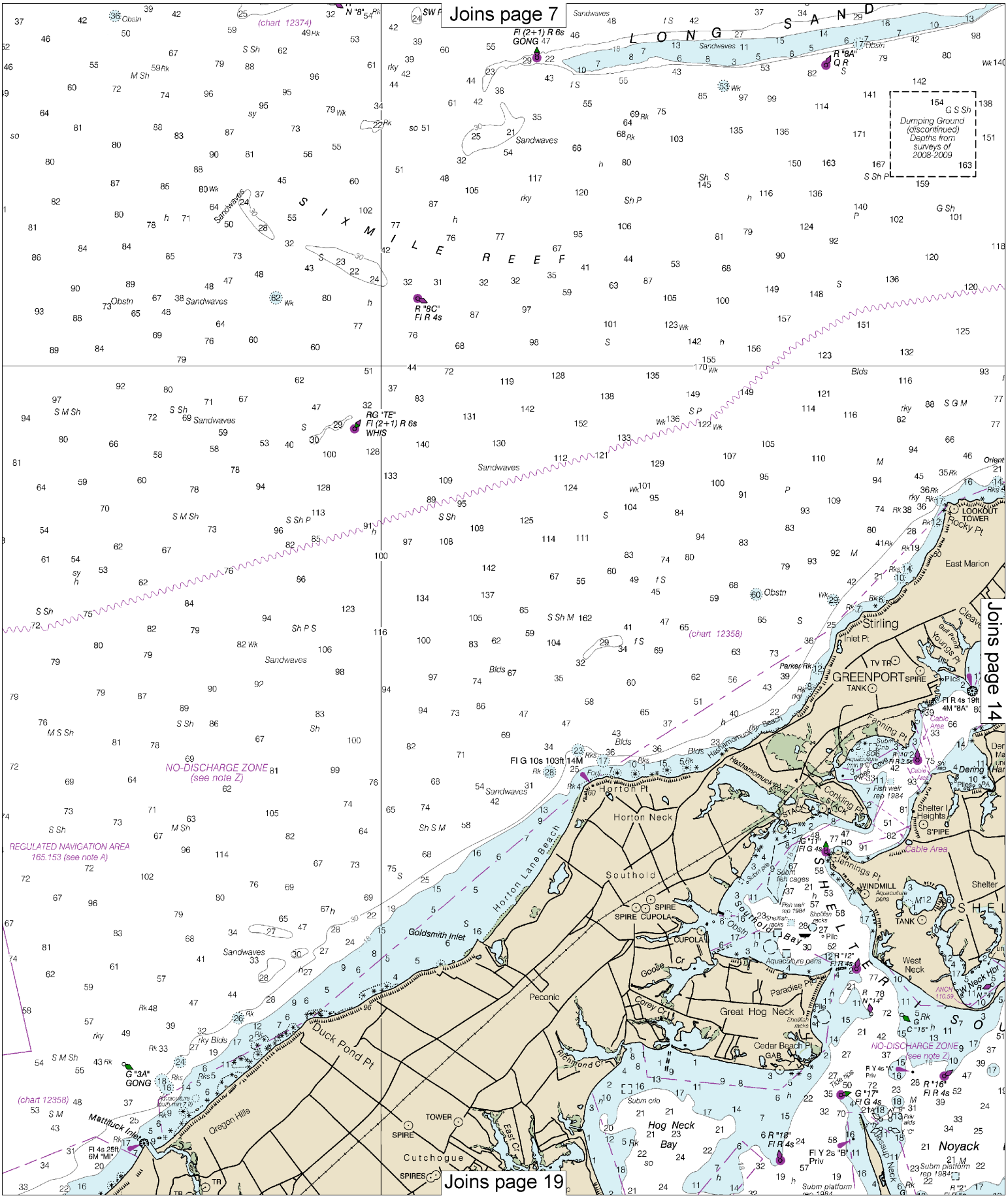
See Note on page 5.

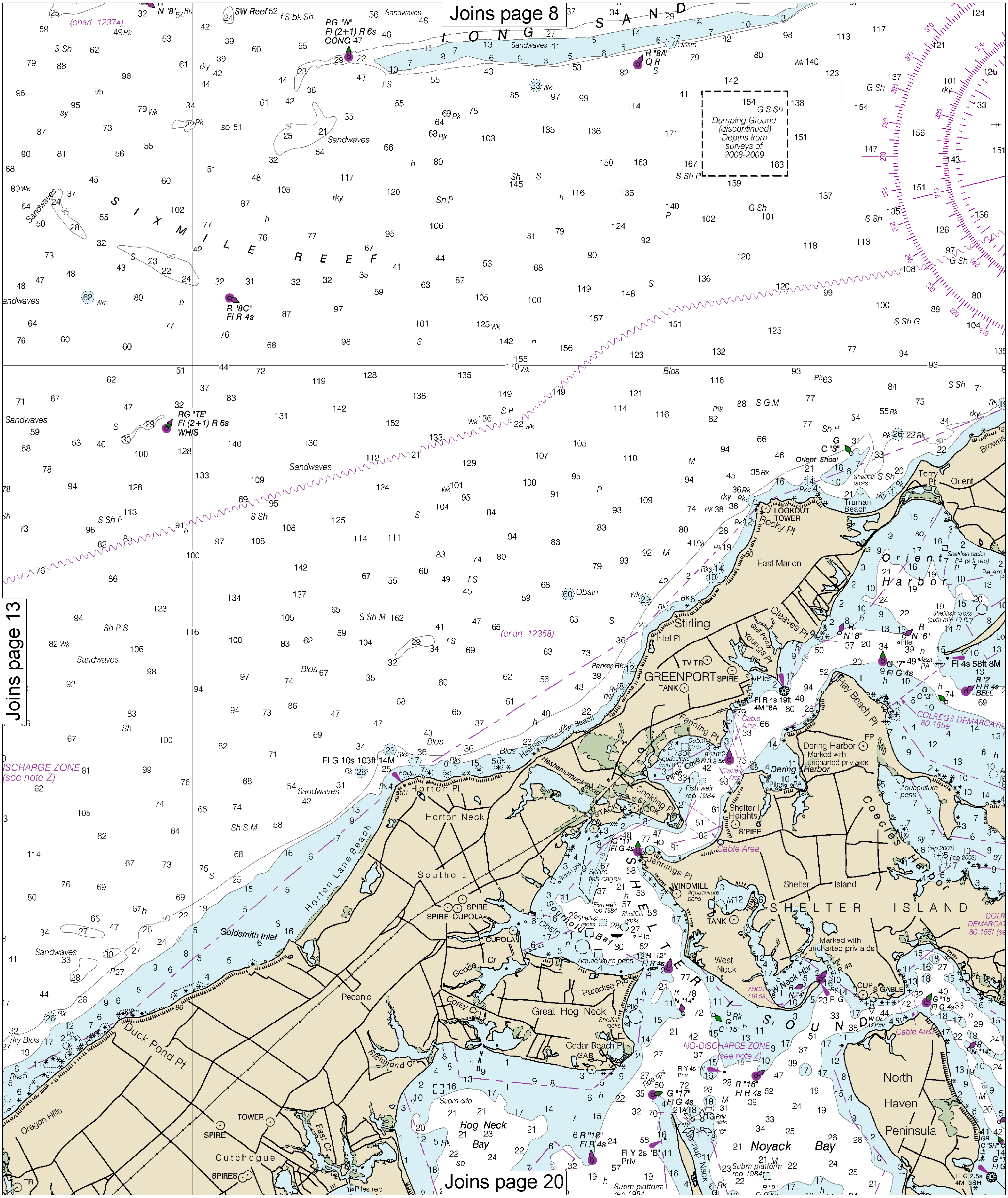
Nautical Miles

1 0 1 2 3 4 5 6 7

Yards

1000 0 2000 4000 6000 8000 10000


Joins page 7
Joins page 14
Joins page 19
LONG SAND
SIX MILE REEF
Dumping Ground (discontinued) Depths from surveys of 2008-2009
Fl (2+1) R 6s GONG
R "8A" Q R
R "8C" Fl R 4s
RG "TE" Fl (2+1) R 6s WHIS
Fl G 10s 103ft 14M
NO-DISCHARGE ZONE (see note Z)
REGULATED NAVIGATION AREA 165.153 (see note A)
(chart 12374)
(chart 12358)
Stirling
GREENPORT
East Marion
LOOKOUT TOWER
Rocky Pt
Horton Neck
Horton Lane Beach
Horton Pt
Southold
Goldsmith Inlet
Peconic
Duck Pond Pt
Great Hog Neck
Cedar Beach Pt
Hog Neck Bay
Noyack
West Neck
Paradise Pt
Corey Cr
Goose Cr
Richmond Cr
Oregon Hills
Mattituck Inlet
Cutchogue
G "3A" GONG
R "16" Fl R 4s
G "17" Fl G 4s
Fl Y 2s "B" Priv
Fl R 4s 19ft 4M "8A"
Fl 4s 25ft 6M "MI"
Fl R 4s 6M "2"



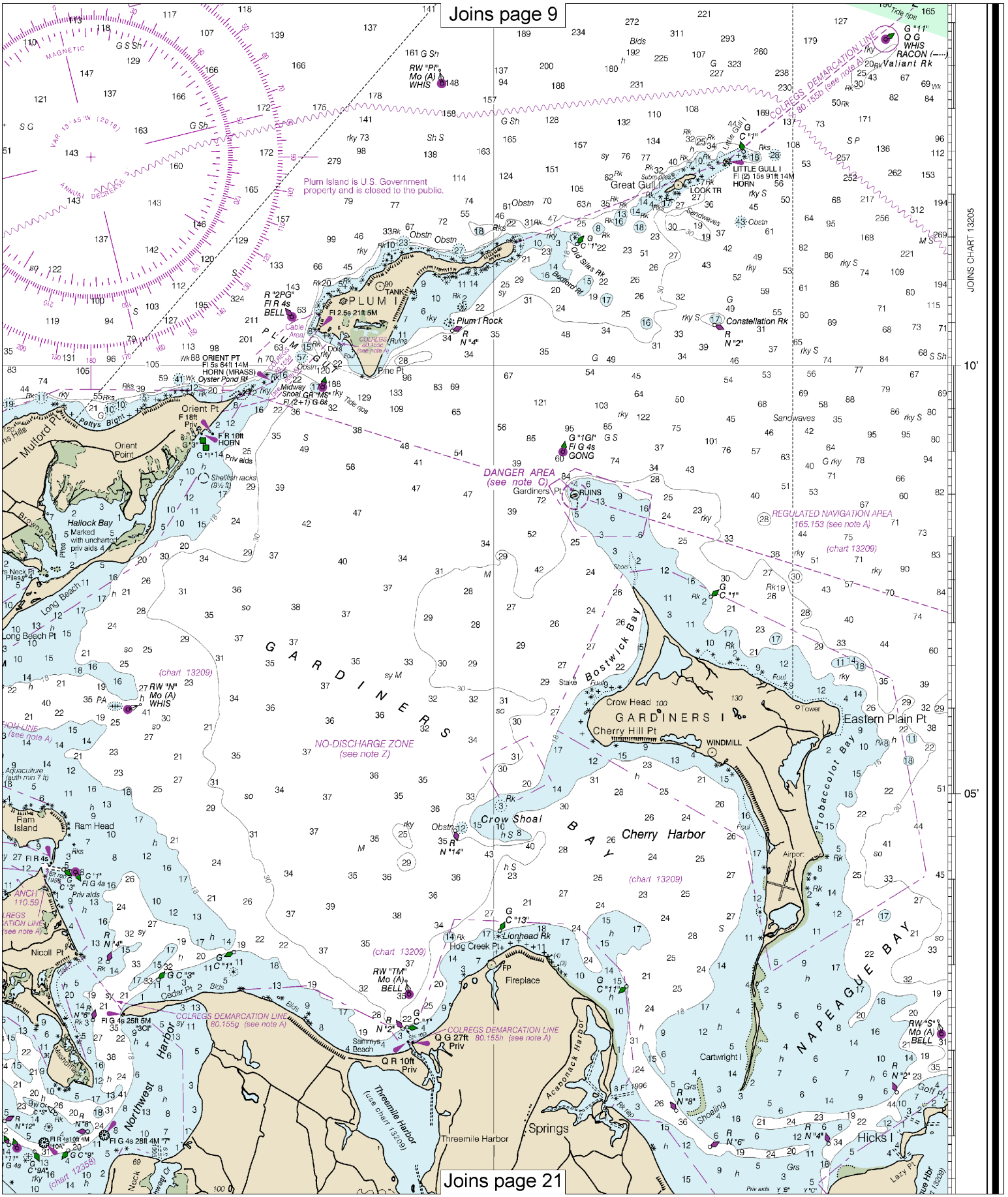
14

Note: Chart grid lines are aligned with true north.

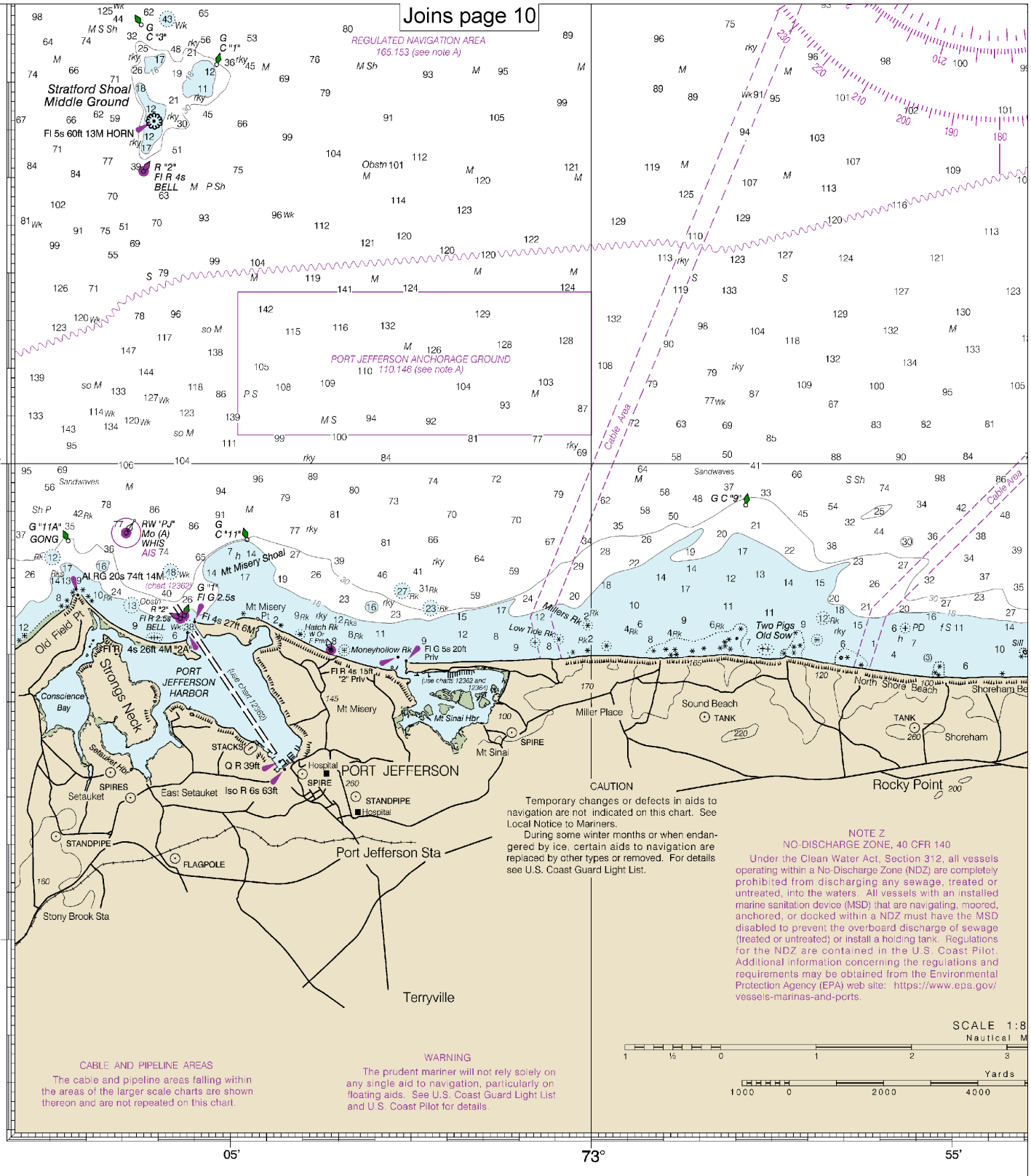
Printed at reduced scale. SCALE 1:80,000 See Note on page 5.

Nautical Miles: 1 0 1 2 3 4 5 6 7

Yards: 1000 0 2000 4000 6000 8000 10000


Joins page 9
Joins page 21
JOINS CHART 13205
10'
05'
Plum Island is U.S. Government property and is closed to the public.
PLUM I
Plum I Rock
Great Gull
LITTLE GULL I
LOOK TR
Valiant Rk
Constellation Rk
Old Silas Rk
Bedford Rk
Sandwaves
Pine Pt
Orient Pt
Orient Point
Mulford Pt
Hallock Bay
Long Beach
Long Beach Pt
Gardiners Pt
RUINS
DANGER AREA
(see note C)
REGULATED NAVIGATION AREA
165.153 (see note A)
(chart 13209)
GARDINERS BAY
Bostwick Bay
Crow Head
GARDINERS I
Cherry Hill Pt
WINDMILL
Eastern Plain Pt
Tobaccoiot Bay
NO-DISCHARGE ZONE
(see note Z)
Crow Shoal
Cherry Harbor
Ram Island
Ram Head
Nicoll Pt
Hog Creek Pt
Lionhead Rk
Fireplace
Cedar Pt
Sammys Beach
Northwest Harbor
Threemile Harbor
(use chart 13209)
Acabonack Harbor
Springs
Cartwright I
NAPEAGUE BAY
Hicks I
Goff Pt
Lazy Pt
COLREGS DEMARCATION LINE
80.155b (see note A)
COLREGS DEMARCATION LINE
80.155g (see note A)
COLREGS DEMARCATION LINE
80.155n (see note A)
Aquaculture
(auth min 7 ft)
Shellfish racks
(9½ ft)
Marked with uncharted priv aids 4
Priv aids
Tide rips
Foul
Shoal
Ruins
Tower
Airport
Sandwaves
Subm piles
Rky
Rks
Obstn
Wk
Bldg
Bldgs
Sh S
G Sh
S G
S P
M S
Sy
Fl 2.5s 21ft 5M
Fl R 4s BELL
Fl (2) 15s 91ft 14M HORN
Fl 5s 64ft 14M HORN (MHASS)
Midway Shoal GR "MS"
Fl (2+1) G 6s
Oyster Pond Rf
F 18ft Priv
F R 10ft HORN
Q R 10ft Priv
Q G 27ft Priv
Fl G 4s 25ft 5M "3CI"
Fl G 4s 28ft 4M "7"
Fl R 4s 10ft 4M
Fl G 4s
RW "PI" Mo (A) WHIS
RW "N" Mo (A) WHIS
RW "TM" Mo (A) BELL
RW "S" Mo (A) BELL
G "11" Q G WHIS RACON (---)
G "1G" Fl G 4s GONG
R "2PG" Fl R 4s BELL
ORIENT PT Fl WR 4s 22ft 8M
TANK
Dolphin
Ruins
Cable Area
Pettys Bight
Browns Pt
Neck Pt
Piles
Aquaculture
Ram Island
Nicoll Pt
Cedar Pt
Sammys Beach
Hog Creek Pt
Cartwright I
Hicks I
Goff Pt
Lazy Pt
Neck
Threemile Harbor
Springs
Acabonack Harbor
Northwest Harbor
Tobaccoiot Bay
Bostwick Bay
Sandwaves
Tide rips
Foul
Shoal
Stake
Tower
Airport
Rky
Rks
Obstn
Wk
Bldg
Bldgs
Sh S
G Sh
S G
S P
M S
Sy
Fl 2.5s 21ft 5M
Fl R 4s BELL
Fl (2) 15s 91ft 14M HORN
Fl 5s 64ft 14M HORN (MHASS)
Midway Shoal GR "MS"
Fl (2+1) G 6s
Oyster Pond Rf
F 18ft Priv
F R 10ft HORN
Q R 10ft Priv
Q G 27ft Priv
Fl G 4s 25ft 5M "3CI"
Fl G 4s 28ft 4M "7"
Fl R 4s 10ft 4M
Fl G 4s
RW "PI" Mo (A) WHIS
RW "N" Mo (A) WHIS
RW "TM" Mo (A) BELL
RW "S" Mo (A) BELL
G "11" Q G WHIS RACON (---)
G "1G" Fl G 4s GONG
R "2PG" Fl R 4s BELL
ORIENT PT Fl WR 4s 22ft 8M
TANK
Dolphin
Ruins
Cable Area
Pettys Bight
Browns Pt
Neck Pt
Piles
Aquaculture
Ram Island
Nicoll Pt
Cedar Pt
Sammys Beach
Hog Creek Pt
Cartwright I
Hicks I
Goff Pt
Lazy Pt
Neck
Threemile Harbor
Springs
Acabonack Harbor
Northwest Harbor
Tobaccoiot Bay
Bostwick Bay

Joins page 10



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.

NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140

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. All vessels with an installed marine 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: https://www.epa.gov/vessels-marinas-and-ports.

CABLE AND PIPELINE AREAS

The cable and pipeline areas falling within the areas of the larger scale charts are shown thereon and are not repeated on this chart.

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.

SCALE 1:8
Nautical M
1 ½ 0 1 2 3
Yards
1000 0 2000 4000

12354

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. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

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

Use ENC charts for the most up to date information. References to other charts may no longer be applicable.

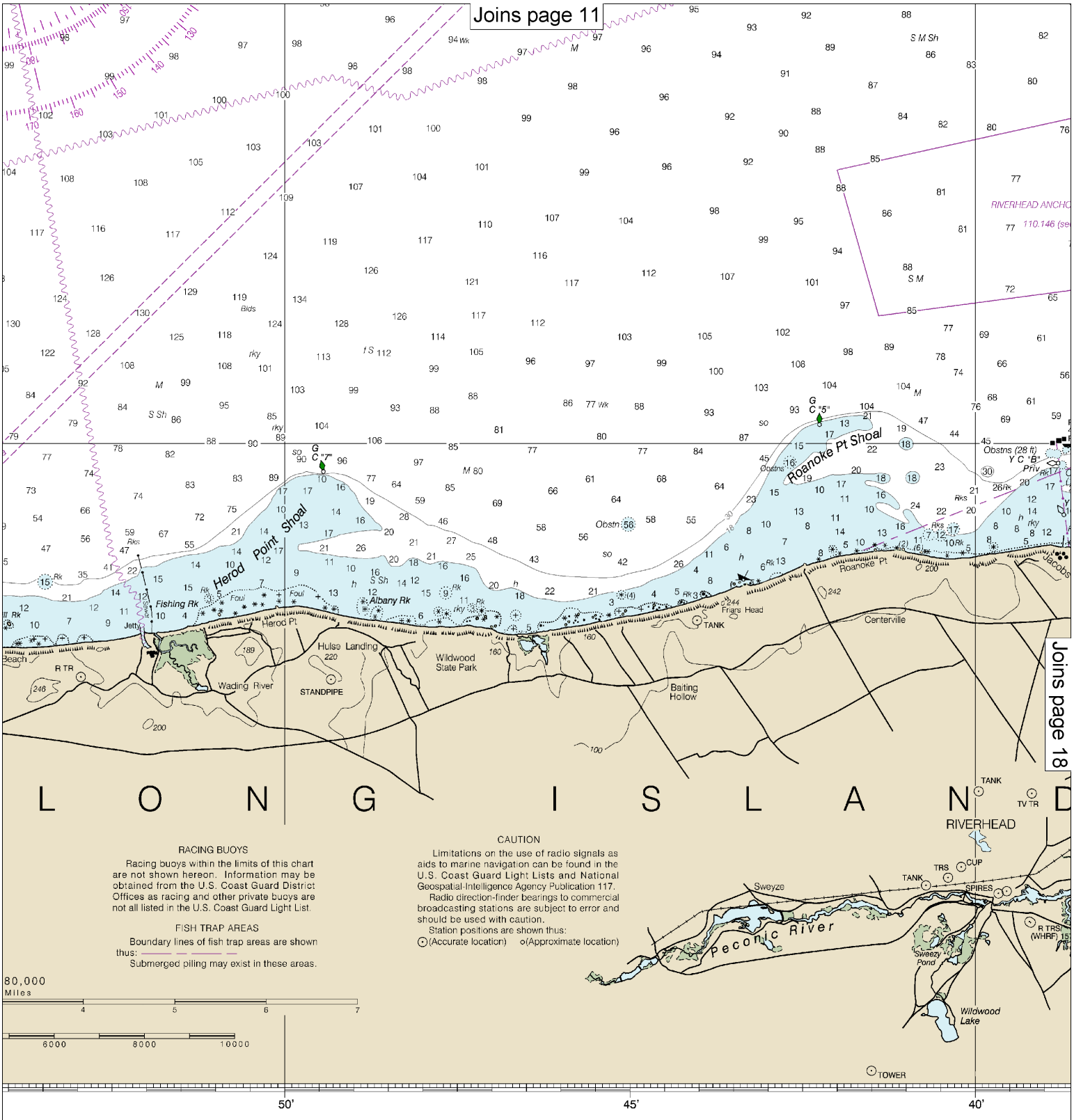
47th Ed., Dec. 2018. Last Correction: 2/1/2021. Cleared through:
LNM: 3321 (8/17/2021), NM: 3521 (8/28/2021), CHS: 0721 (7/30/2021)

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:80,000~~

See Note on page 5.

Nautical Miles
1 0 1 2 3 4 5 6 7
Yards
1000 0 2000 4000 6000 8000 10000



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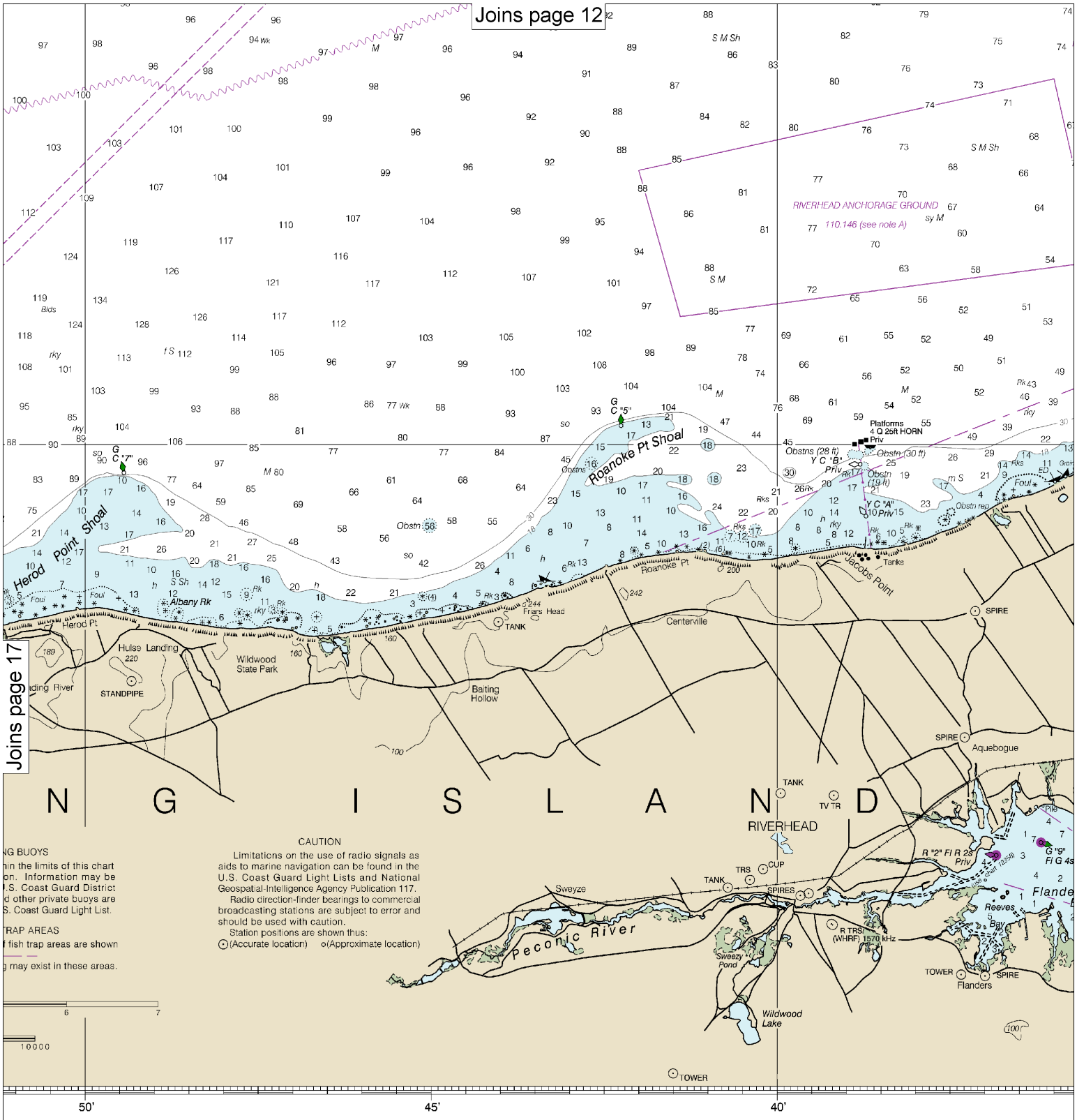

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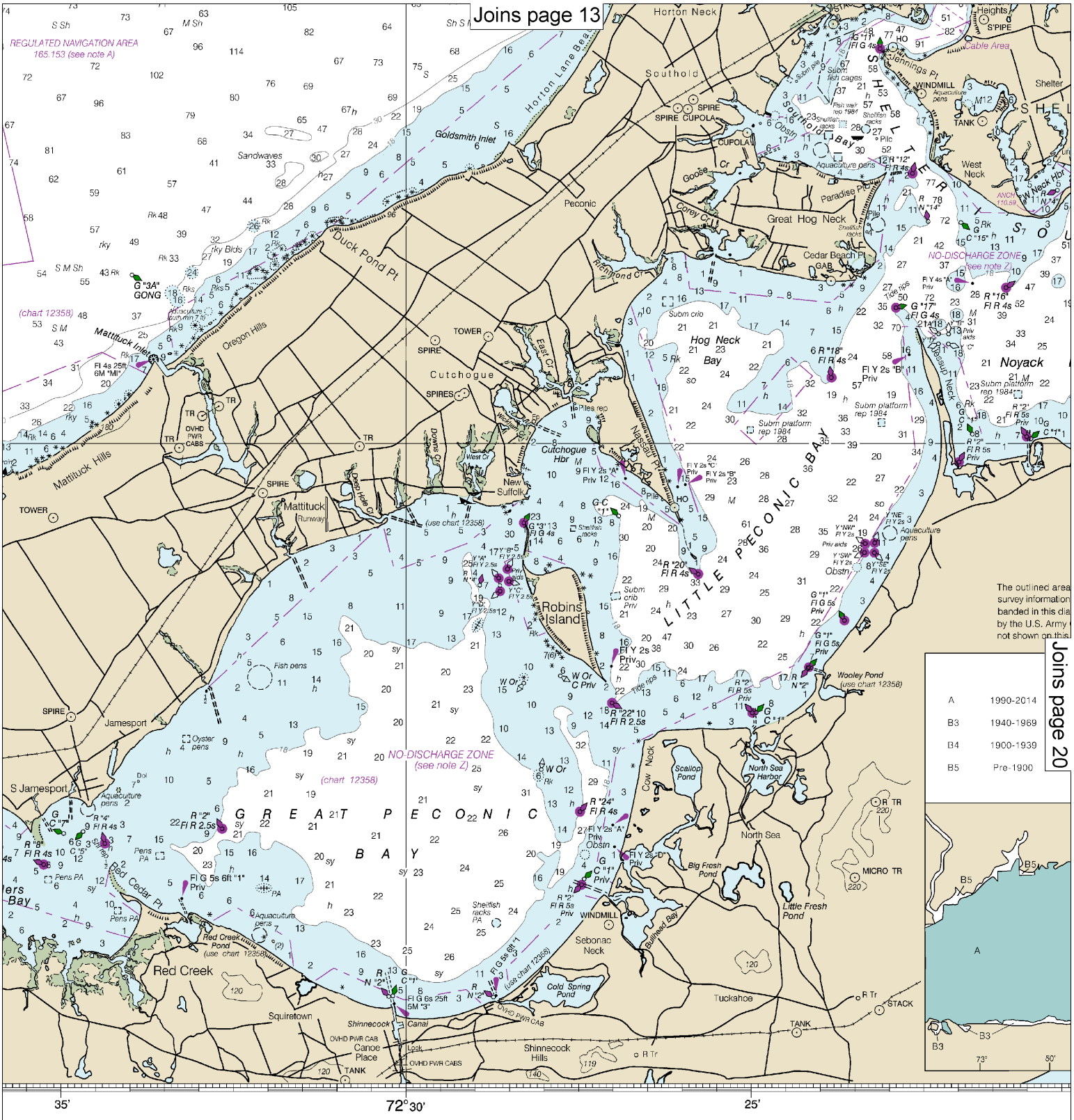
Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:80,000~~

See Note on page 5.

Nautical Miles
1 0 1 2 3 4 5 6 7

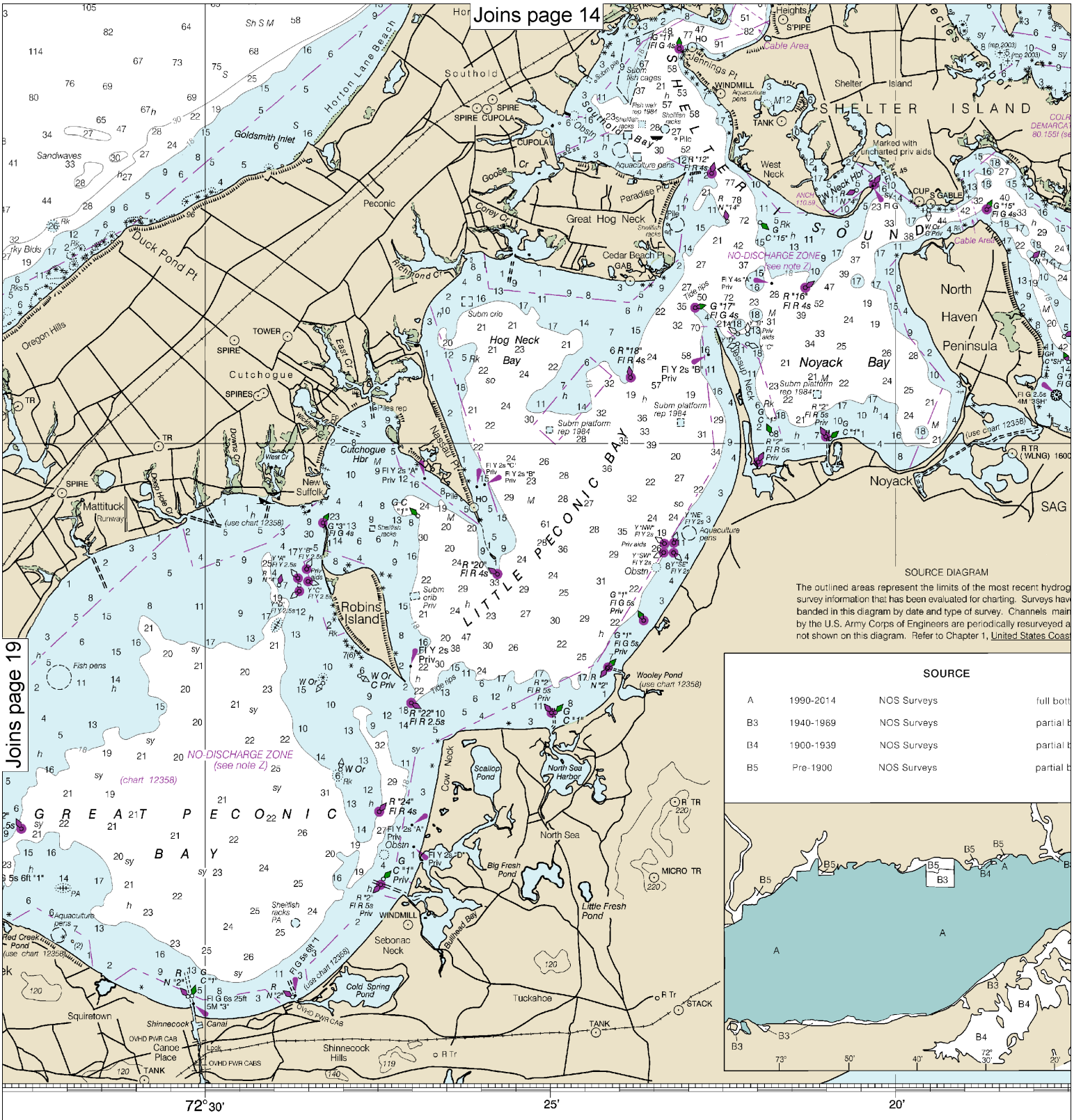
Yards
1000 0 2000 4000 6000 8000 10000



A	1990-2014
B3	1940-1969
B4	1900-1939
B5	Pre-1900

at Washington, D.C.
MENT OF COMMERCE
D ATMOSPHERIC ADMINISTRATION
AL OCEAN SERVICE
OAST SURVEY

SOUNDING



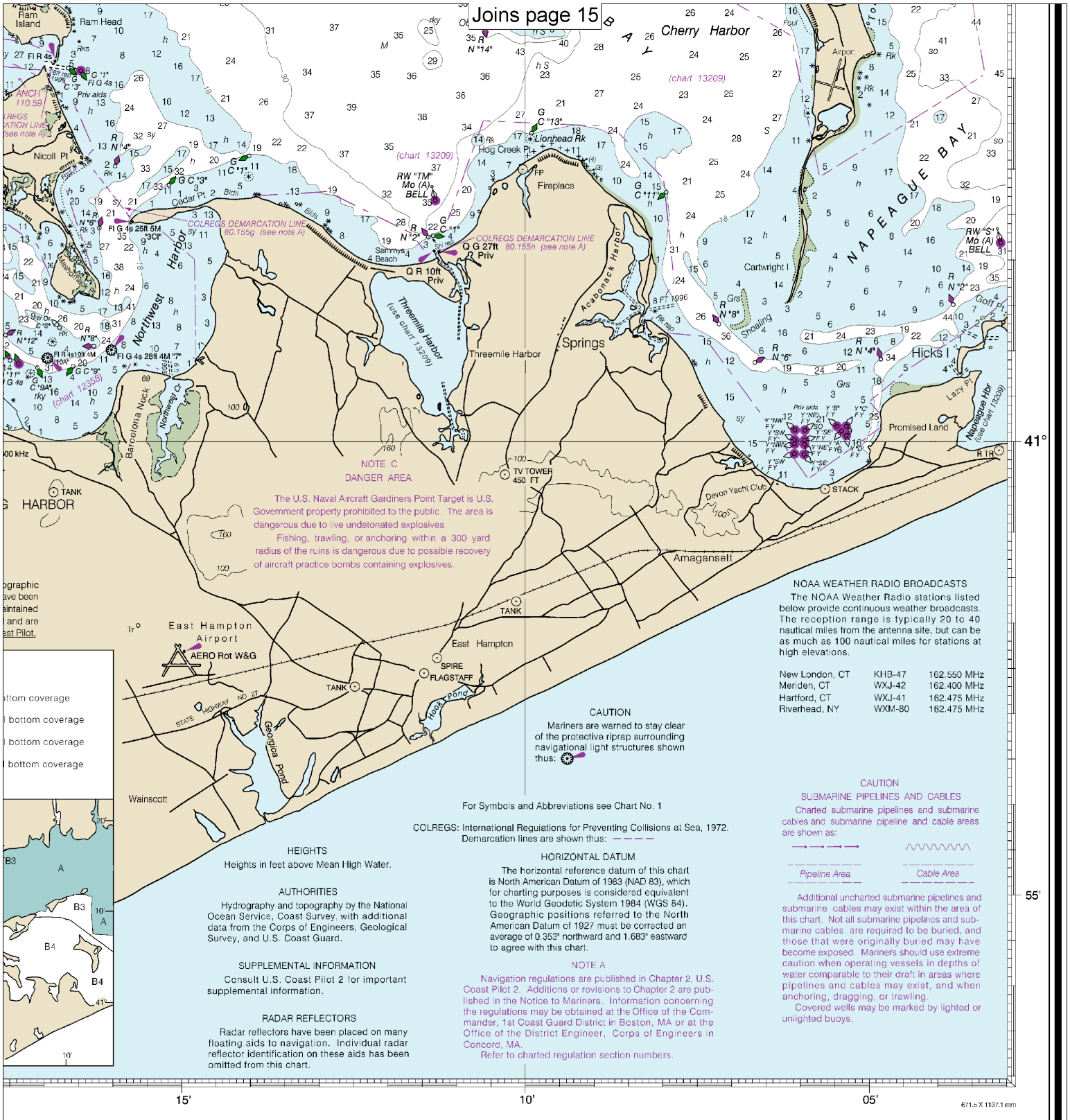
Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:80,000~~

Nautical Miles

Yards

See Note on page 5.



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 19 20 21 22 23 24 25 26 27 28 29 30 31

Long Island Sound - Eastern Part

SOUNDINGS IN FEET - SCALE 1:80,000

12354

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 and 78A – Recreational boat channels.

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.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!

All Hazards NOAA Weather Radio NOAA's National Weather Service

NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.
http://www.nws.noaa.gov/nwr/

Quick References

Nautical chart related products and information	—	**http://www.nauticalcharts.noaa.gov**
Interactive chart catalog	—	**http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml**
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Chart and chart related inquiries and comments	—	**http://ocsdata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs**
Chart updates (LNM and NM corrections)	—	**http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html**
Coast Pilot online	—	**http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm**
Tides and Currents	—	**http://tidesandcurrents.noaa.gov**
Marine Forecasts	—	**http://www.nws.noaa.gov/om/marine/home.htm**
National Data Buoy Center	—	**http://www.ndbc.noaa.gov/**
NowCoast web portal for coastal conditions	—	**http://www.nowcoast.noaa.gov/**
National Weather Service	—	**http://www.weather.gov/**
National Hurrican Center	—	**http://www.nhc.noaa.gov/**
Pacific Tsunami Warning Center	—	**http://ptwc.weather.gov/**
Contact Us	—	**http://www.nauticalcharts.noaa.gov/staff/contact.htm**

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This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.

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