

# BookletChart™

## Oneida Lake – Lock 22 to Lock 23

NOAA Chart 14788

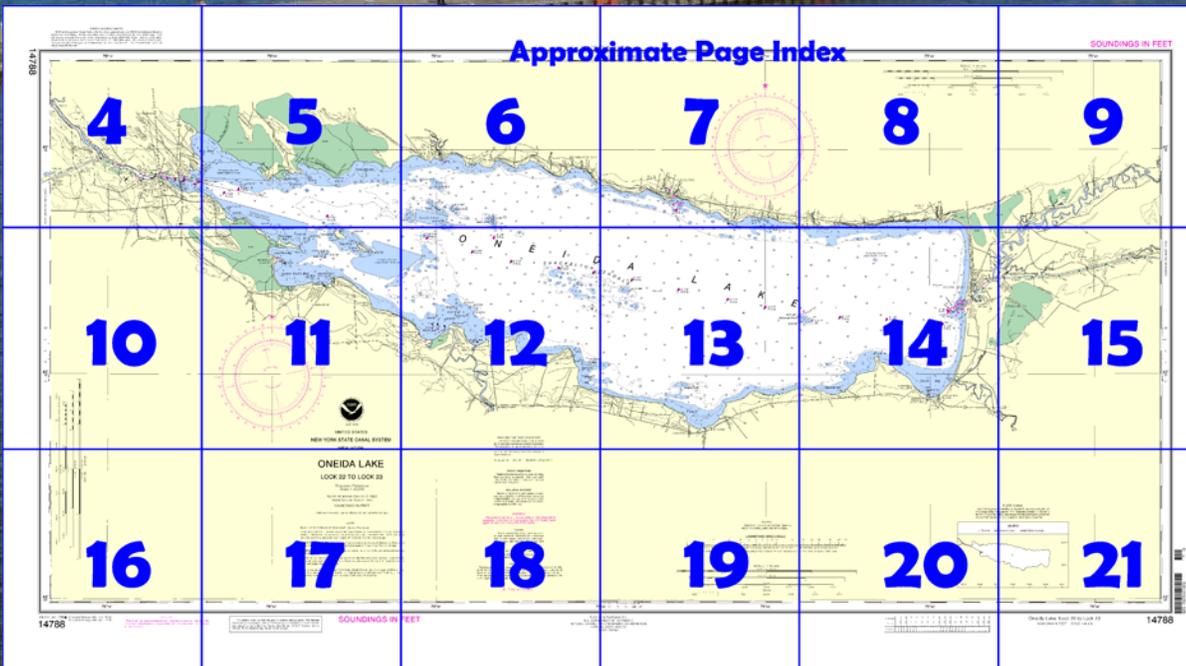


*A reduced-scale NOAA nautical chart for small boaters*

*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](http://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.

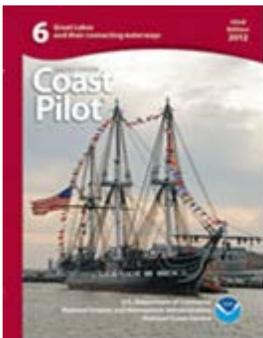
Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

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=14788>



**(Selected Excerpts from Coast Pilot)**

The **Erie Canal** is 338 miles long from Waterford west across New York State to Tonawanda on the Niagara River. From Waterford, the canal follows the canalized **Mohawk River**, a short reach of **Wood Creek**, and several interspersed land cuts to **Oneida Lake**. After passing through the lake, the canal follows **Oneida River**, **Seneca River**, **Clyde River**, and several land cuts to **Lyons, NY**. A 6.8-mile-long branch channel extends southeast

from the Seneca River through **Onondaga Lake** to **Syracuse, NY**, west of Lyons, the canal is an artificial channel to **Pendleton, NY**, thence the canal follows Tonawanda Creek to Tonawanda. About 39 miles west of

Lyons, the canal crosses the **Genesee River**. From the intersection, a 3.2-mile section of the Genesee River has been improved to provide access from the canal to Rochester. A dam on the Genesee River 7 miles downstream of the canal precludes navigable access to Lake Ontario. The Erie Canal, from Waterford to Tonawanda, has 34 locks. At Waterford, a flight of 5 locks ascends 168.8 feet from the pool above Troy Lock and Dam around Cohoes Falls to the Mohawk River, thence 14 locks ascend the Mohawk Valley 236 feet to the summit level near Rome, NY, thence 3 locks descend 57 feet to Three Rivers, NY, at the junction with Oswego Canal, and thence 12 locks ascend 201 feet to the Niagara River.

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

RCC Cleveland      Commander  
9th CG District      (216) 902-6117  
Cleveland, OH

# Navigation Managers Area of Responsibility



**NOAA's navigation managers** serve as ambassadors to the maritime community. They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit [nauticalcharts.noaa.gov/service/navmanagers](http://nauticalcharts.noaa.gov/service/navmanagers)

To make suggestions or ask questions online, go to [nauticalcharts.noaa.gov/inquiry](http://nauticalcharts.noaa.gov/inquiry).  
To report a chart discrepancy, please use [ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx](http://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx).

## Lateral System As Seen Entering From Seaward

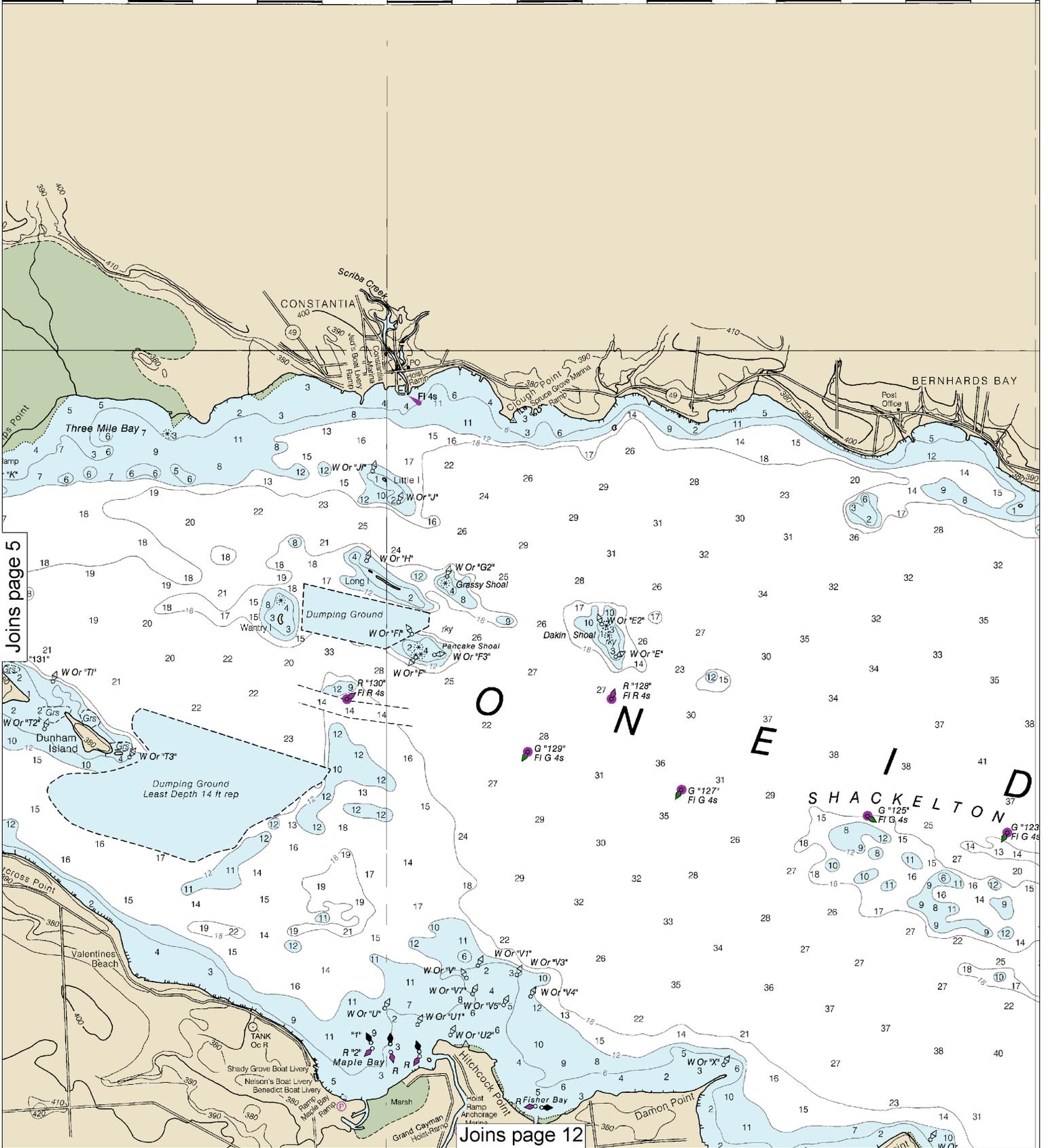
on navigable waters except Western Rivers



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>







Joins page 5

Joins page 12

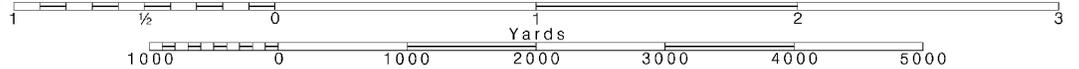


Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:40,000  
Nautical Miles

See Note on page 5.







# SOUNDINGS IN FEET

75°45'

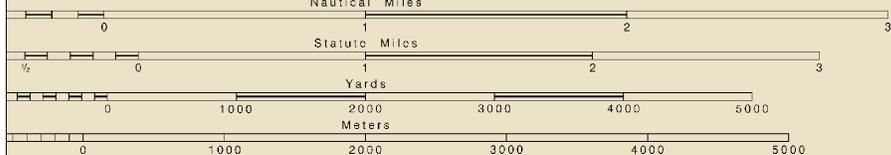
75°40'

SCALE 1:40,000  
Nautical Miles

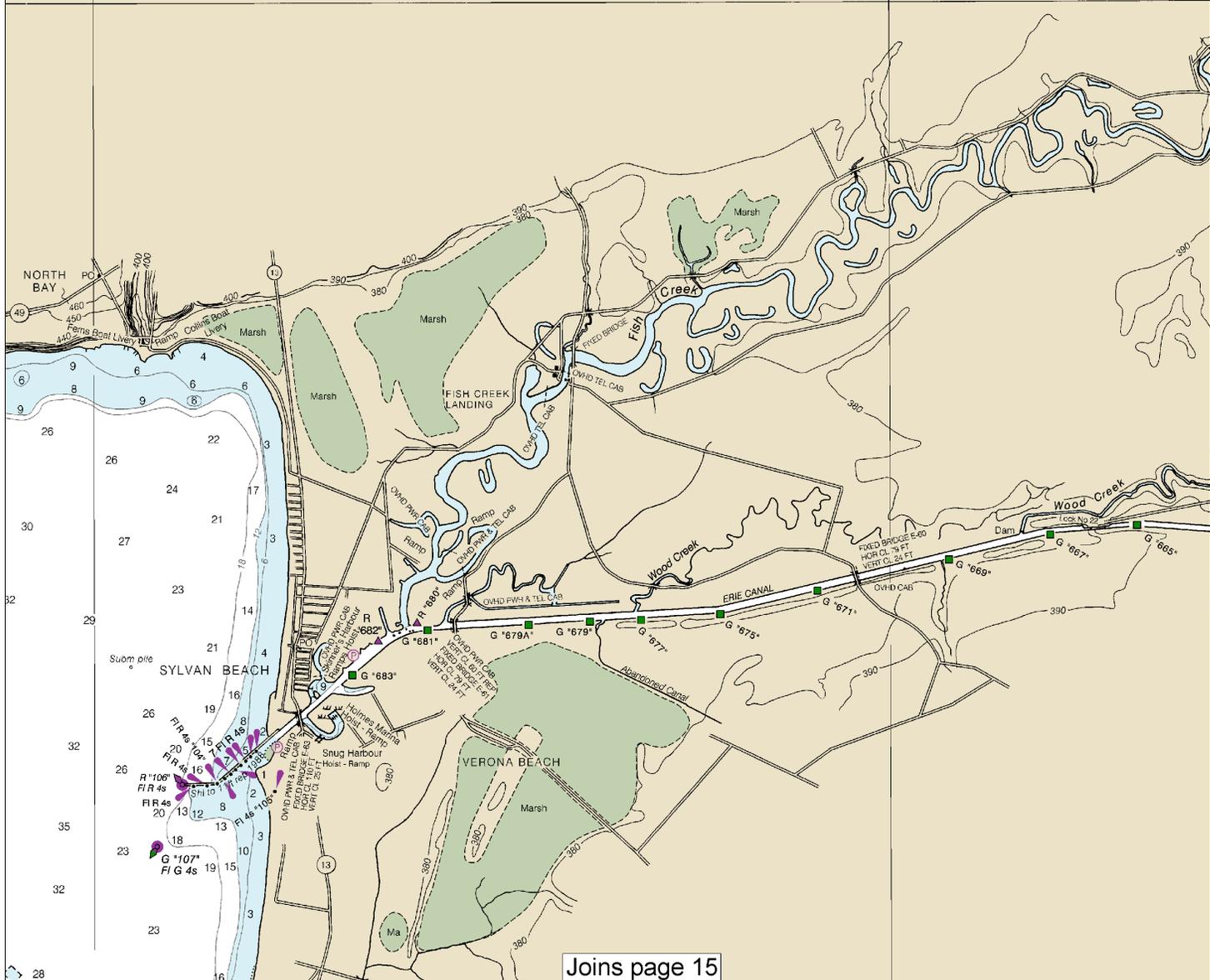
Static Miles

Yards

Meters



43°  
15'



CONTINUED ON CHART 14786

11'  
45'  
30'

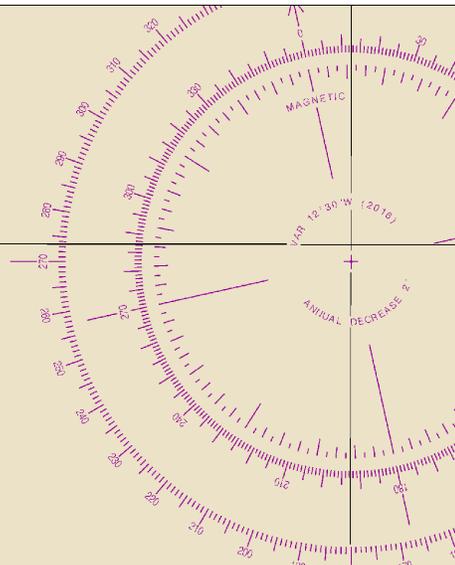
Joins page 15

45°  
30°  
15°  
43°  
10'

43°  
05'

76°10'

76°05'



14788

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](http://nauticalcharts.noaa.gov).

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

20th Ed., Apr. 2016. Last Correction: 4/27/2016. Cleared through:  
LNM: 4916 (12/6/2016), NM: 4916 (12/3/2016), CHS: 1116 (11/25/2016)

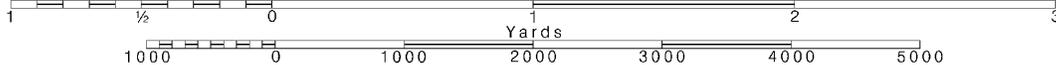


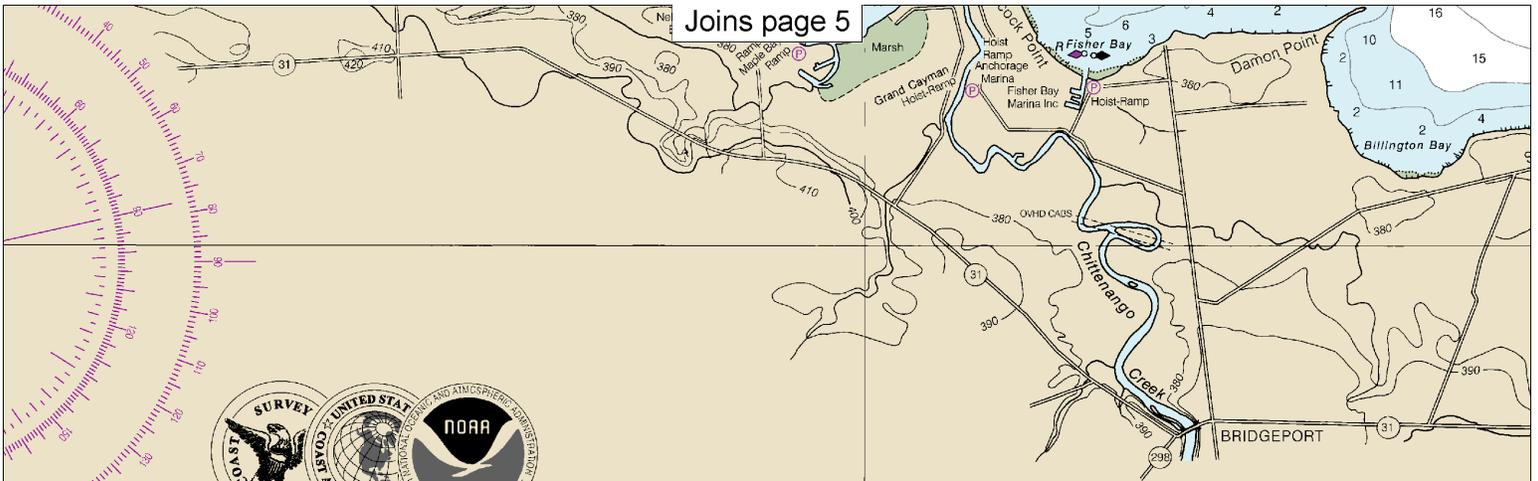
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:40,000  
Nautical Miles

See Note on page 5.





THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES  
NEW YORK STATE CANAL SYSTEM  
NEW YORK

ONEIDA LAKE  
LOCK 22 TO LOCK 23

Polyconic Projection  
Scale 1:40,000

North American Datum of 1983  
(World Geodetic System 1984)

SOUNDINGS IN FEET

Additional information can be obtained at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov).

NOTES

PLANE OF REFERENCE OF THIS CHART. Normal Pool Level.

AVAILABLE DEPTH. The New York State Canal System is maintained to provide a minimum width of 200 feet in the canalized river and lake sections, a minimum width of 75 feet in the land line sections, and a minimum depth of 12 feet at ordinary water stage.

VERTICAL CLEARANCE. Minimum vertical clearance at Maximum Navigable Pool Level under bridges and gates along the Erie Canal east of Three River Point is 20 feet.

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

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 New York State Thruway Authority.

Aids to navigation on the New York State Canal System are the responsibility of the New York State Thruway Authority. All lighted aids, stationary and floating, unless otherwise indicated display a 1 second flash every 4 seconds.

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

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.

Syracuse, NY WXL-31 162.550 MHz (Chan WX-31)

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).

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.

CAUTION  
Due to periodic high water conditions some features charted as visible at Normal Pool Level may be submerged, particularly in the near shore areas. Mariners should proceed with caution.

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

HORIZONTAL DATUM  
The horizontal reference datum of this chart is North American Datum (NAD 83) and for charting purposes is considered equivalent to Geodetic System of 1964 (WGS 84). Geographic positions referred to American Datum of 1902 must be corrected an average of 0.025" north 1.273" eastward to agree with this chart.

Pump-out Facilities

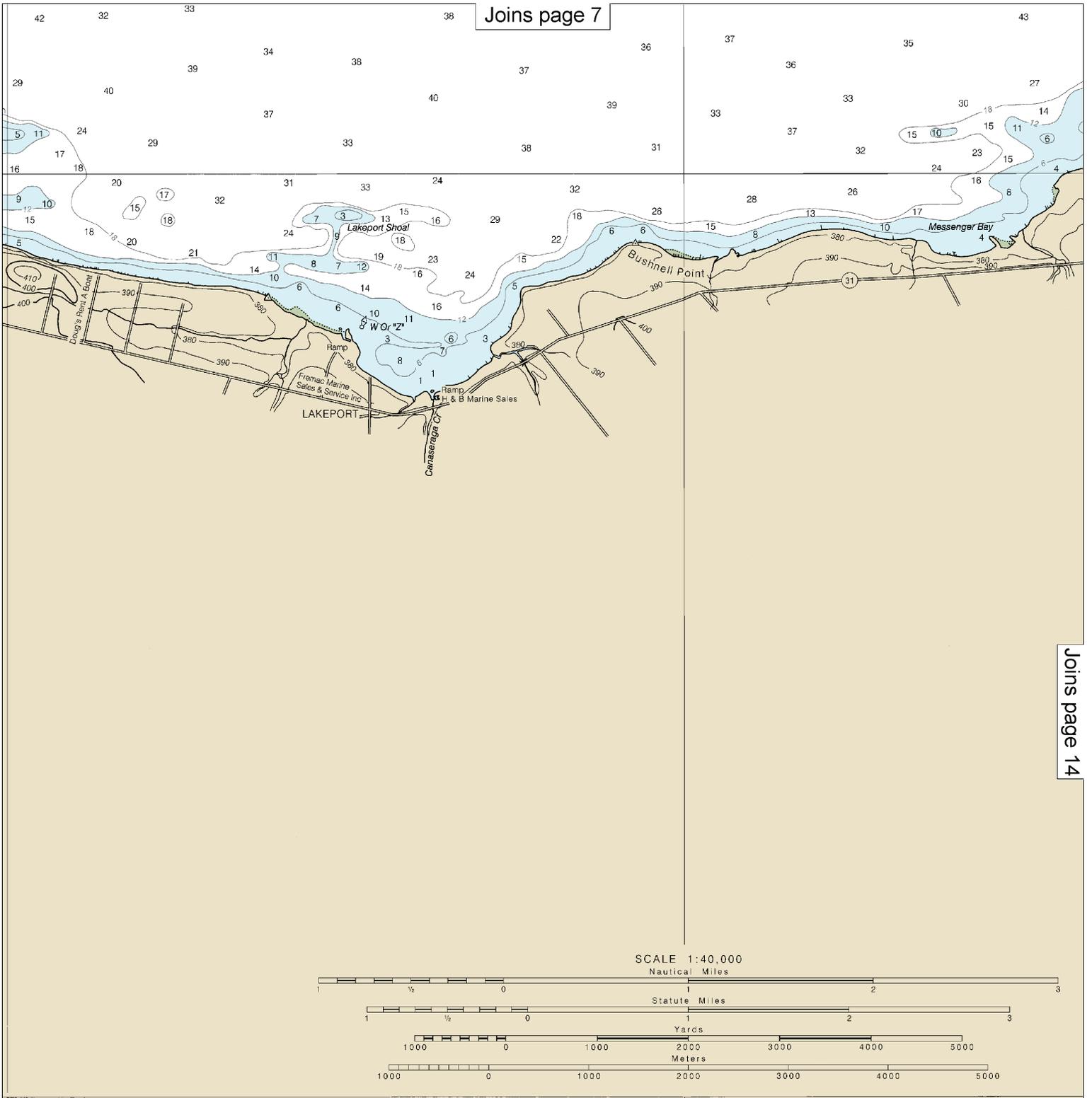
Joins page 12

76°00'

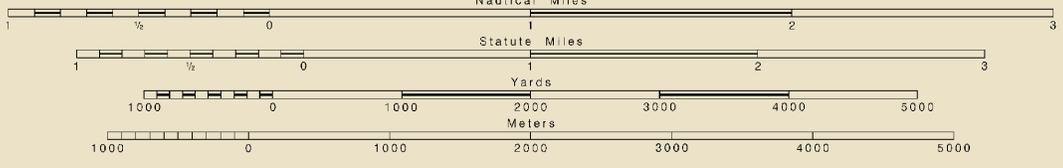
SOUNDINGS IN FEET

Discrepancies or comments  
report to [staff@contact.htm](mailto:staff@contact.htm).





SCALE 1:40,000

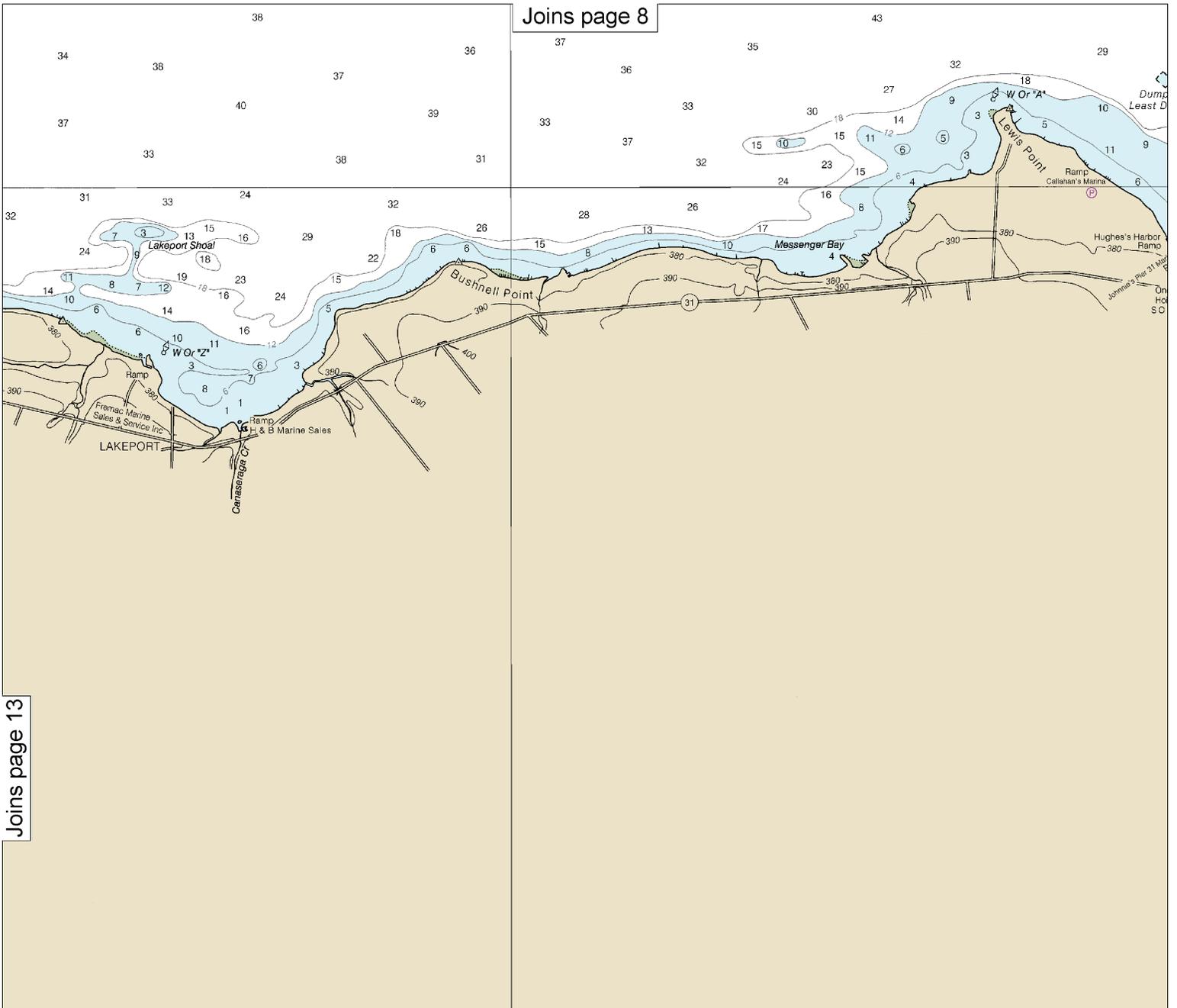


55° 45' 30' 15' 54' 50'

75° 50'

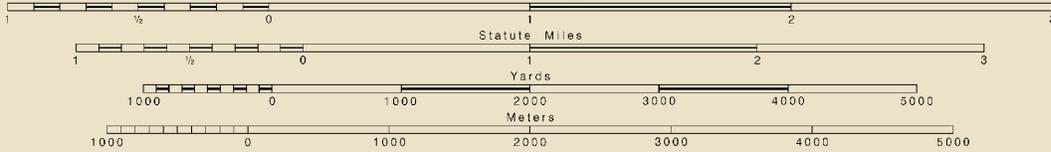
at Washington, D.C.  
 DEPARTMENT OF COMMERCE  
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 NATIONAL OCEAN SERVICE  
 COAST SURVEY

Joins page 8



Joins page 13

SCALE 1:40,000  
Nautical Miles



75°50'

FATHOMS	1	2	3
FEET	6	12	18
METERS	1	2	3

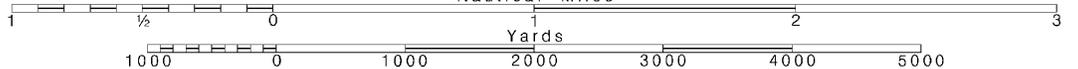
# 14

Note: Chart grid lines are aligned with true north.

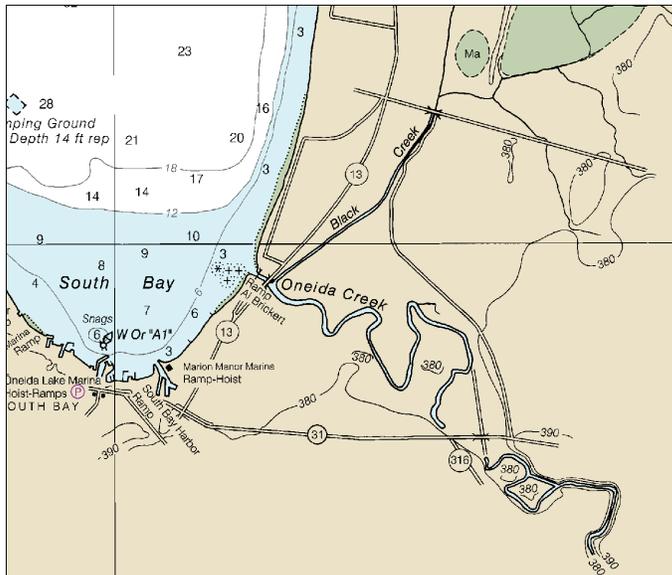
Printed at reduced scale.

SCALE 1:40,000  
Nautical Miles

See Note on page 5.

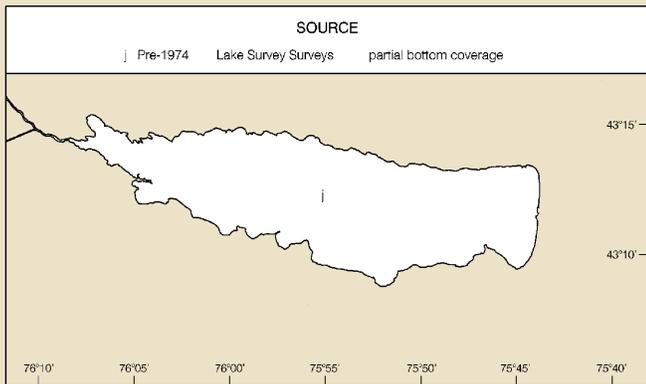


Joins page 9



SOURCE DIAGRAM

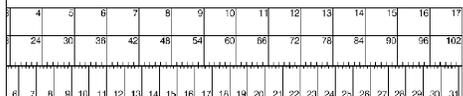
Most of the hydrography identified by the letter 'J' was surveyed by the U.S. Army Corps of Engineers prior to 1974. Channels currently maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.



75°45'

75°40'

555.5 X 1142 / rrm



Oneida Lake, Lock 22 to Lock 23  
SOUNDINGS IN FEET - SCALE 1:40,000

14788



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!**



**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>
- Report a chart discrepancy — <http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx>
- Chart and chart related inquiries and comments — <http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs>
- Chart updates (LNM and NM corrections) — [http://www.nauticalcharts.noaa.gov/mcd/updates/LNM\\_NM.html](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 Hurricane Center — <http://www.nhc.noaa.gov/>
- Pacific Tsunami Warning Center — <http://ptwc.weather.gov/>
- Contact Us — <http://www.nauticalcharts.noaa.gov/staff/contact.htm>



— For the latest news from Coast Survey, follow [@NOAAcharts](#)



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.