LIGHT LIST

Volume I

ATLANTIC COAST

St. Croix River, Maine to Shrewsbury River, New Jersey

This Light List contains a list of lights, sound signals, buoys, daybeacons, and other aids to navigation.

IMPORTANT

THIS LIGHT LIST SHOULD BE CORRECTED EACH WEEK FROM THE LOCAL NOTICES TO MARINERS OR NOTICES TO MARINERS AS APPROPRIATE.

2019

COMDTPUB P16502.1
LIMITS OF LIGHT LISTS PUBLISHED BY U.S. COAST GUARD

VOL. I
ATLANTIC COAST
(St. Croix River, ME to Shrewsbury River, NJ)

VOL. II
ATLANTIC COAST
(Shrewsbury River, NJ to Little River, SC)

VOL. III
ATLANTIC COAST
(Little River, SC to Econfina River, FL)

VOL. IV
GULF COAST
(Econfina River, FL to Rio Grande, TX)

VOL. V
MISSISSIPPI RIVER SYSTEM

VOL. VI
PACIFIC COAST AND PACIFIC ISLANDS

VOL. VII
GREAT LAKES

HAWAIIAN ISLANDS

AIDS TO NAVIGATION MAINTAINED BY UNITED STATES AT OTHER PACIFIC ISLANDS ARE INCLUDED ON THE PACIFIC LIST.
Aids to Navigation marking the Intracoastal Waterway (ICW) display unique yellow symbols to distinguish them from aids marking other waters. Yellow triangles ▲ indicate aids should be passed by keeping them on the starboard (right) hand of the vessel. Yellow squares □ indicate aids should be passed by keeping them on the port (left) hand of the vessel. A yellow horizontal band ■ provides no lateral information, but simply identifies aids as marking the ICW.
# U.S. AIDS TO NAVIGATION SYSTEM on the Western River System

## AS SEEN ENTERING FROM SEAWARD

<table>
<thead>
<tr>
<th>PORT SIDE OR RIGHT DESCENDING BANK</th>
<th>PREFERRED CHANNEL MARK JUNCTIONS AND OBSTRUCTIONS COMPOSITE GROUP FLASHING (2+1)</th>
<th>STARBOARD SIDE OR LEFT DESCENDING BANK</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="lighted_buoy.png" alt="Lighted Buoy" /></td>
<td><img src="preferred_channel_st.png" alt="Preferred Channel to Starboard" /></td>
<td><img src="preferred_channel_port.png" alt="Preferred Channel to Port" /></td>
</tr>
<tr>
<td><img src="unlighted_buoy.png" alt="Unlighted Buoy" /></td>
<td><img src="preferred_channel_st.png" alt="Preferred Channel to Starboard" /></td>
<td><img src="preferred_channel_port.png" alt="Preferred Channel to Port" /></td>
</tr>
<tr>
<td><img src="passing_daybeacon.png" alt="Passing Daybeacon" /></td>
<td><img src="crossing_daybeacon.png" alt="Crossing Daybeacon" /></td>
<td><img src="passing_daybeacon.png" alt="Passing Daybeacon" /></td>
</tr>
</tbody>
</table>

### SPECIAL MARKS—MAY BE LETTERED

<table>
<thead>
<tr>
<th><img src="unlighted.png" alt="Unlighted" /></th>
<th><img src="lighted.png" alt="Lighted" /></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="ny.png" alt="NY" /></td>
<td><img src="a.png" alt="A" /></td>
</tr>
</tbody>
</table>

### DAYBOARDS HAVING NO LATERAL SIGNIFICANCE

May be lettered

![Dayboard](dayboard.png)

**176.9 MILE BOARD**

**123.5 MILE BOARD**

### TYPICAL INFORMATION AND REGULATORY MARKS

<table>
<thead>
<tr>
<th><img src="boating_exclusion.png" alt="Boat Exclusion Area" /></th>
<th><img src="danger.png" alt="Danger" /></th>
<th><img src="slow.png" alt="Slow" /></th>
<th><img src="controlled_area.png" alt="Controlled Area" /></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="swim_area.png" alt="Swim Area" /></td>
<td><img src="rock.png" alt="Rock" /></td>
<td><img src="no_wake.png" alt="No Wake" /></td>
<td><img src="typical_info.png" alt="Typical Information and Regulat" /></td>
</tr>
</tbody>
</table>

**Explanations:**

- **Swim Area**: Explanation may be placed outside the crossed diamond shape, such as dam, rapids, swim area, etc.
- **Rock**: The nature of danger may be indicated inside the diamond shape, such as rock, wreck, shoal, dam, etc.
- **Slow**: Type of control is indicated in the circle, such as slow, no wake, anchoring, etc.

**Information and Regulatory Markers When Lighted:** Information and regulatory marks may display any light rhythm except quick flashing, Mo(a) and flashing (2).

### STATE WATERS

![State Waters](state_waters.png)

Used to indicate an obstruction to navigation, extends from the nearest shore to the buoy. This means “do not pass between the buoy and the nearest shore.” This aid is replacing the red and white striped buoy within the USWMS, but cannot be used until all red and white striped buoys on a waterway have been replaced.
LUMINOUS RANGE DIAGRAM

The nominal range given in this Light List is the maximum distance a given light can be seen when the meteorological visibility is 10 nautical miles. If the existing visibility is less than 10 NM, the range at which the light can be seen will be reduced below its nominal range. And, if the visibility is greater than 10 NM, the light can be seen at greater distances. The distance at which a light may be expected to be seen in the prevailing visibility is called its luminous range.

This diagram enables the mariner to determine the approximate luminous range of a light when the nominal range and the prevailing meteorological visibility are known. The diagram is entered from the bottom border using the nominal range listed in column 6 of this book. The intersection of the nominal range with the appropriate visibility curve (or, more often, a point between two curves) yields, by moving horizontally to the left border, the luminous range.

GEOGRAPHIC RANGE TABLE

The following table gives the approximate geographic range of visibility for an object which may be seen by an observer at sea level. It is necessary to add to the distance for the height of any object the distance corresponding to the height of the observer’s eye above sea level.

<table>
<thead>
<tr>
<th>Height Feet / Meters</th>
<th>Distance Nautical Miles (NM)</th>
<th>Height Feet / Meters</th>
<th>Distance Nautical Miles (NM)</th>
<th>Height Feet / Meters</th>
<th>Distance Nautical Miles (NM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/1.5</td>
<td>2.6</td>
<td>70/21.3</td>
<td>9.8</td>
<td>250/76.2</td>
<td>18.5</td>
</tr>
<tr>
<td>10/3.1</td>
<td>3.7</td>
<td>75/22.9</td>
<td>10.1</td>
<td>300/91.4</td>
<td>20.3</td>
</tr>
<tr>
<td>15/4.6</td>
<td>4.5</td>
<td>80/24.4</td>
<td>10.5</td>
<td>350/106.7</td>
<td>21.9</td>
</tr>
<tr>
<td>20/6.1</td>
<td>5.2</td>
<td>85/25.9</td>
<td>10.8</td>
<td>400/121.9</td>
<td>23.4</td>
</tr>
<tr>
<td>25/7.6</td>
<td>5.9</td>
<td>90/27.4</td>
<td>11.1</td>
<td>450/137.2</td>
<td>24.8</td>
</tr>
<tr>
<td>30/9.1</td>
<td>6.4</td>
<td>95/29.0</td>
<td>11.4</td>
<td>500/152.4</td>
<td>26.2</td>
</tr>
<tr>
<td>35/10.7</td>
<td>6.9</td>
<td>100/30.5</td>
<td>11.7</td>
<td>550/167.6</td>
<td>27.4</td>
</tr>
<tr>
<td>40/12.2</td>
<td>7.4</td>
<td>110/33.5</td>
<td>12.3</td>
<td>600/182.9</td>
<td>28.7</td>
</tr>
<tr>
<td>45/13.7</td>
<td>7.8</td>
<td>120/36.6</td>
<td>12.8</td>
<td>650/198.1</td>
<td>29.8</td>
</tr>
<tr>
<td>50/15.2</td>
<td>8.3</td>
<td>130/39.6</td>
<td>13.3</td>
<td>700/213.4</td>
<td>31.0</td>
</tr>
<tr>
<td>55/16.8</td>
<td>8.7</td>
<td>140/42.7</td>
<td>13.8</td>
<td>800/243.8</td>
<td>33.1</td>
</tr>
<tr>
<td>60/18.3</td>
<td>9.1</td>
<td>150/45.7</td>
<td>14.3</td>
<td>900/274.3</td>
<td>35.1</td>
</tr>
<tr>
<td>65/19.8</td>
<td>9.4</td>
<td>200/61.0</td>
<td>16.5</td>
<td>1000/304.8</td>
<td>37.0</td>
</tr>
</tbody>
</table>

Example: Determine the geographic visibility of an object, with a height above water of 65 feet, for an observer with a height of eye of 35 feet.

Enter above table:
- Height of object 65 feet = 9.4 NM
- Height of observer 35 feet = 6.9 NM
- Computed geographic visibility = 16.3 NM
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COAST GUARD DISTRICT COMMANDERS

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<tr>
<th>DISTRICT</th>
<th>ADDRESS</th>
<th>WATERS OF JURISDICTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEVENTH</td>
<td>Brickell Plaza Federal Building 909 SE 1st Avenue; Rm:406 Miami, FL 33131-3050 Tel: (305) 415-6752 (305) 415-6800 <a href="http://www.uscg.mil/d7">http://www.uscg.mil/d7</a></td>
<td>South Carolina, Georgia, Florida to 83°50'W, and Puerto Rico and adjacent islands of the United States.</td>
</tr>
<tr>
<td>EIGHTH</td>
<td>Hale Boggs Federal Building 500 Poydras Street New Orleans, LA 70130-3310 Tel: (504) 671-2327 (504) 671-2137 <a href="http://www.uscg.mil/d8">http://www.uscg.mil/d8</a></td>
<td>Florida westward from 83°50'W, Alabama, Mississippi, Louisiana, Texas, the Mississippi River System except that portion of the Illinois River north of Joliet, Illinois.</td>
</tr>
<tr>
<td>NINTH</td>
<td>1240 East 9th Street Cleveland, OH 44199-2060 Tel: (216) 902-6060 (216) 902-6117 <a href="http://www.uscg.mil/d9">http://www.uscg.mil/d9</a></td>
<td>Great Lakes and St. Lawrence River above St. Regis River.</td>
</tr>
<tr>
<td>ELEVENTH</td>
<td>Coast Guard Island Building 50-2 Alameda, CA 94501-5100 Tel: (510) 437-2975 <a href="http://www.uscg.mil/d11">http://www.uscg.mil/d11</a></td>
<td>California, Nevada, Utah, Arizona.</td>
</tr>
<tr>
<td>SEVENTEENTH</td>
<td>PO Box 25517 Juneau, AK 99802-5517 Tel: (907) 463-2029 (907) 463-2269 <a href="http://www.uscg.mil/d17">http://www.uscg.mil/d17</a></td>
<td>Alaska.</td>
</tr>
</tbody>
</table>
# U. S. COAST GUARD
## FIRST DISTRICT ATON UNIT LISTING

### AIDS TO NAVIGATION TEAMS

<table>
<thead>
<tr>
<th>ANT Boston</th>
<th>ANT Bristol</th>
<th>ANT Long Island Sound</th>
</tr>
</thead>
<tbody>
<tr>
<td>427 Commercial St. Boston, MA 02109-1027 Tel: (617) 223-3293</td>
<td>1 Thames St P.O. Box 1050 Bristol, RI 02809-1050 Tel: (401) 253-9585</td>
<td>120 Woodward Ave New Haven, CT 06512-3698 Tel: (203) 468-4513</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANT Moriches</th>
<th>ANT New York</th>
<th>ANT Saugerties</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 Foster Avenue Hampton Bays, NY 11946-3233 Tel: (631) 728-6981</td>
<td>85 Port Terminal Blvd. Slip 6 Bayonne, NJ 07002-5041 Tel: (201) 443-6298</td>
<td>154 Lighthouse Dr. Saugerties, NY 12477-9101 Tel: (845) 246-7612</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANT South Portland</th>
<th>ANT Southwest Harbor</th>
<th>ANT Woods Hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>259 High St South Portland, ME 04106-0007 Tel: (207) 767-0392</td>
<td>184 Clark Point Road Southwest Harbor, ME 04679-5000 Tel: (207) 244-4281</td>
<td>1 Little Harbor Road Woods Hole, MA 02543-1099 Tel: (508) 457-3329</td>
</tr>
</tbody>
</table>

### STATION

<table>
<thead>
<tr>
<th>STA Burlington</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Depot Street Burlington, VT 05401-5226 Tel: (802) 951-6792</td>
</tr>
</tbody>
</table>

### BUOY TENDERS

<table>
<thead>
<tr>
<th>USCGC ABBIE BURGESS (WLM-553)</th>
<th>USCGC IDA LEWIS (WLM-551)</th>
<th>USCGC JUNIPER (WLB 201)</th>
</tr>
</thead>
<tbody>
<tr>
<td>54 Tillson Avenue Rockland, ME 04841-3417 Tel: (207) 594-2663</td>
<td>47 Chandler St, Pier 2 Newport, RI 02841-1716 Tel: (401) 367-1647</td>
<td>47 Chandler St, Pier 2 Newport, RI 02841-1716 Tel: (401) 367-1645</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USCGC MARCUS HANNA (WLM-554)</th>
<th>USCGC KATHERINE WALKER (WLM-552)</th>
<th>USCGC OAK (WLB 211)</th>
</tr>
</thead>
<tbody>
<tr>
<td>259 High Street South Portland, ME 04106-0007 Tel: (207) 767-0380</td>
<td>85 Port Terminal Blvd. Slip #1 Bayonne, NJ 07002-5041 Tel: (201) 443-5311</td>
<td>47 Chandler St, Pier 2 Newport, RI 02841-1716 Tel: (401) 367-1646</td>
</tr>
</tbody>
</table>
USCG NAVIGATION CENTER
Navigation Information Service (NIS)

The U.S. Coast Guard Navigation Center (NAVCEN) is the official government source of information for civil users of the Global Positioning System (GPS). The Navigation Information Service (NIS) is available 24 hours a day, seven days a week, for all Radio Navigation and maritime related needs via phone, fax or e-mail. The NIS provides users the ability to access real time or archived GPS, NDGPS, DGPS, and LNM information at [https://www.navcen.uscg.gov](https://www.navcen.uscg.gov), as well as subscribe to an automated list service which enables users to receive GPS status messages and Notice to NAVSTAR User (NANU) messages via direct Internet e-mail.

The NAVCEN also disseminates GPS and DGPS safety advisory broadcast messages through USCG broadcast stations utilizing VHF-FM voice, HF-SSB voice, and NAVTEX broadcasts. The broadcasts provide the GPS and DGPS user in the marine environment with the current status of the navigation systems, as well as any planned/unplanned system outages that could affect GPS and DGPS navigational accuracy.

To comment on any of these services or ask questions about the service offered, contact the NAVCEN at:

**Commanding Officer**
U.S. Coast Guard NAVCEN (NIS) MS 7310
7323 Telegraph Road
Alexandria, VA 20598-7310
Phone: (703) 313-5900
FAX: (703) 313-5920
Internet: [https://www.navcen.uscg.gov](https://www.navcen.uscg.gov)

This Light List is corrected through [First Coast Guard District Local Notice to Mariners](https://www.navcen.uscg.gov) No. 24/19

and through [National Geospatial-Intelligence Agency (NGA) Notice to Mariners](https://www.navcen.uscg.gov) No. 26/19


### RECORD OF CORRECTIONS

<table>
<thead>
<tr>
<th>YEAR 2019</th>
<th>YEAR 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.........</td>
<td>12.........</td>
</tr>
<tr>
<td>16.........</td>
<td>17.........</td>
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<td>46.........</td>
<td>47.........</td>
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<tr>
<td>51.........</td>
<td>52.........</td>
</tr>
</tbody>
</table>
Lights and other marine aids to navigation, maintained by or under authority of the U.S. Coast Guard and located on waters used by general navigation, are described in the Light List. This volume includes aids located in Maine, New Hampshire, Massachusetts, Vermont (Lake Champlain), Rhode Island, Connecticut and New York to Shrewsbury River, New Jersey.

Included are all Coast Guard aids to navigation used for general navigation such as lights, sound signals, buoys, daybeacons, and other aids to navigation. Not included are some buoys having no lateral significance, such as special purpose, anchorage, fish net, and dredging.

Aids to Navigation Link: http://www.uscgboating.org/ATON/index.html

CAUTION: Mariners attempting to pass a buoy close aboard risk collision with a yawing buoy or with the obstruction, which the buoy marks. Mariners must not rely on buoys alone for determining their positions due to factors limiting buoy reliability.

PRIVATE AIDS TO NAVIGATION
Included: Class I aids to navigation on marine structures or other works which the owners are legally obligated to establish, maintain, and operate as prescribed by the Coast Guard.

Included: Class II aids to navigation exclusive of Class I, located in waters used by general navigation.

Not included: Class III aids to navigation exclusive of Class I and Class II, located in waters not ordinarily used by general navigation.

LIGHT LIST AVAILABILITY
This Light List is published electronically annually and is intended to furnish more complete information concerning aids to navigation than can be conveniently shown on charts. This Light List is not intended to be used in place of charts or Coast Pilots. Charts should be consulted for the location of all aids to navigation. It may be dangerous to use aids to navigation without reference to charts.

This list is corrected to the date of the notices to mariners shown on the title page. Changes to aids to navigation during the year are advertised in U.S. Coast Guard Local Notices to Mariners and National Geospatial-Intelligence Agency (NGA) Notices to Mariners. Important changes to aids to navigation are also broadcast through Coast Guard or Naval radio stations and NAVTEX. Mariners should keep their Light Lists, charts and other nautical publications corrected from these notices and should consult all notices issued after the date of publication of this Light List.

The electronic version of this publication is available at: https://www.navcen.uscg.gov/index.php?pageName=lightLists

A weekly-updated electronic copy of this publication is also available at: https://www.navcen.uscg.gov/index.php?pageName=lightListWeeklyUpdates

IMPORTANT: A summary of corrections for this publication, which includes corrections from the dates shown on the title page to the date of availability, is advertised in the Local Notice to Mariners and the Notice to Mariners. These corrections must be applied in order to bring the Light List up-to-date. Additionally, this publication should be corrected weekly from the Local Notices to Mariners or the Notices to Mariner, as appropriate.

Mariners and others are requested to bring any apparent errors or omissions in these lists to the attention of:

COMMANDER, FIRST COAST GUARD DISTRICT (dpw)
408 Atlantic Avenue, Boston, Massachusetts 02110-3350
Telephone: (617) 223-8356
24 Hour FAX: (617) 223-8291
Email: LNM@uscg.mil

or

USCG Navigation Center
Charting Branch
MS 7310
7323 Telegraph Road
Alexandria, VA 20598-7310
Email: TIS-PF-NISWS@USCG.MIL
INTRODUCTION

Light List Arrangement

In the context of the Light List, aids to navigation on the coasts are arranged in geographic order clockwise from north to south along the Atlantic coast, east to west along the Gulf of Mexico, and south to north along the Pacific coast. On the Great Lakes, aids to navigation are arranged from east to west and from south to north, except on Lake Michigan, which is arranged from north to south. Seacoast aids to navigation are listed first, followed by entrance and harbor aids to navigation, arranged from seaward to the head of navigation.

Names of aids to navigation are printed as follows to help distinguish at a glance the type of aid to navigation:

- Seacoast/Lake coast Lights and Secondary Lights
- RACONS
- Sound Signals
- RIVER, HARBOR, OTHER LIGHTS, AND VIRTUAL AIS
- Lighted Buys
- Daybeacons, Unlighted Buoys, and Virtual Automatic Identification System (V-AIS) ATON

Light List numbers are assigned to all Federal aids to navigation and many private aids to navigation for reference in the Light List. Aids to navigation are numbered by fives in accordance with their order of appearance in each volume of the Light List. Other numbers and decimal fractions are assigned where newly established aids to navigation are listed between previously numbered aids to navigation. The Light Lists are renumbered periodically to assign whole numbers to all aids to navigation.

International numbers are assigned to certain aids to navigation in cooperation with the International Hydrographic Organization. They consist of an alphabetic character followed by three or four numeric characters. A cross reference listing appears after the index.

Description of Columns

Column (1): Light List Number.

Column (2): Name and location of the aid to navigation.
Note: A dash (-) is used to indicate the bold heading is part of the name of the aid to navigation. When reporting discrepancies or making references to such an aid to navigation in correspondence, the full name of the aid including the geographic heading, should be given.

Bearings are in degrees true, read clockwise from 000° through 359°.

Bearings on range lines are given in degrees and tenths or hundredths where applicable.

(C) indicates Canadian aid to navigation.

Column (3): Geographic position of the aid to navigation in latitude and longitude.

Column (4): Light characteristic for lighted aids to navigation.
Column (5): Height above water from the focal plane of the fixed light to mean high water, listed in feet.

For Volume 7 (Great Lakes), height above water from the focal plane of the fixed light to low water datum, listed in feet and meters.

Column (6): Nominal range of lighted aids to navigation, in nautical miles, listed by color for sector and passing lights. Not listed for ranges, directional lights, or private aids to navigation.

Column (7): The structural characteristic of the aid to navigation, including: dayboard (if any), description of fixed structure, color and type of buoy, height of structure above ground for major lights.

Column (8): Aid remarks, sound signal characteristics, including: VHF-FM channel if remotely activated, RACON characteristic, light sector arc of visibility, radar reflector, emergency lights, seasonal remarks, and private aid to navigation identification. AIS specific information may include its unique Maritime Mobile Service Identity (MMSI), the MMSI(s) of its source AIS transmission, and the application identifier of any Application Specific Messages (ASM) it may also be transmitting.

U.S. Coast Guard Light List Distribution

U.S. regulations require that most commercial vessels maintain on board a currently corrected, copy or pertinent extract, of the U.S. Coast Guard Light Lists which are available for free and are updated weekly on the Coast Guard Navigation Center’s website at https://www.navcen.uscg.gov/?pageName=lightLists. Commercially printed versions are also available, but the Coast Guard does not attest to their veracity or sanction such publications.

CHARTS & PUBLICATIONS

Nautical Charts & Publications

Nautical charts covering the coastal waters of the United States and its territories are published by the National Ocean Service (NOS). Up-to-date paper copies of NOS charts are available from NOS Certified Agents. A list of agents can be found at: https://www.nauticalcharts.noaa.gov/charts/noaa-raster-charts.html#paper-nautical-charts. NOS also produces Raster Navigational Charts (RNC) and Electronic Navigational Charts (ENC). RNCs can be found at https://www.nauticalcharts.noaa.gov/charts/noaa-raster-charts.html#rnc-charts. ENCs can be found at https://nauticalcharts.noaa.gov/charts/noaa-enc.html.

Inland Electronic Navigational Charts (IENC) and chart books are published by the U.S. Army Corps of Engineers and are available online at http://www.agc.army.mil/Missions/Echarts.aspx. Tide Tables and Tidal Current Tables are no longer printed or distributed by NOS. NOS Tide and Tidal Current predictions are available online at https://tidesandcurrents.noaa.gov/tide_predictions.html. Commercially printed versions, using data provided by NOS, are also available. These products may be obtained from local stores that carry marine publications.
Notices to Mariners

Broadcast Notices to Mariners are made by the Coast Guard through Coast Guard radio stations. These notices, which are broadcast on VHF-FM, NAVTEX, and other maritime frequencies, are warnings that contain important navigational safety information. Included are reports of discrepancies and changes to aids to navigation, the positions of ice and derelicts, and other important hydrographic information.

Radio stations broadcasting Notices to Mariners are listed in the National Ocean Service United States Coast Pilot and in the National Geospatial-Intelligence Agency publication Radio Navigational Aids (Publication No. 117). VHF-FM voice broadcast times can be found online at http://www.nws.noaa.gov/om/marine/vhfvoice.htm.

Local Notices to Mariners (U.S. regional coverage) are another means which the Coast Guard disseminates navigational information for the United States, its territories, and possessions. A Local Notice to Mariners is issued by each Coast Guard district and is used to report changes and discrepancies to aids to navigation maintained by and under the authority of the Coast Guard. The Local Notice to Mariners also contain chart and Light List corrections, proposed aids to navigation projects open for public comment, ongoing waterway projects, bridge regulation changes, marine event information, and other concerns pertinent to the mariner.

Local Notices to Mariners are essential to all navigators for the purposes of keeping charts, Light Lists, Coast Pilots, and other nautical publications up-to-date. These notices are published weekly and can be found online at https://www.navcen.uscg.gov/index.php?pageName=lnmMain. Mariners may register with the Coast Guard Navigation Center to receive automatic notifications via email when new editions of the Local Notice to Mariners are available. Register at https://navcen.uscg.gov/?pageName=feeds. Vessels operating in ports and waterways in several districts will have to obtain the Local Notice to Mariners for each district.

Notice to Mariners are prepared jointly by the National Geospatial-Intelligence Agency (NGA), the U.S. Coast Guard, and the National Ocean Service, and are published weekly by the NGA. The weekly Notice to Mariners advises mariners of important matters affecting navigational safety including new hydrographic discoveries, changes to aids to navigation, and foreign marine information. Also included are corrections to Light Lists, Coast Pilots, and Sailing Directions. This notice is intended for mariners and others who have a need for information related to oceangoing operations. Because it is intended for use by oceangoing vessels, many corrections that affect small craft navigation and associated waters are not included. Information concerning small craft is contained in the Coast Guard Local Notice to Mariners only. The weekly Notices to Mariners may be found online at https://msi.nga.mil/NGAPortal/MSI.portal.

ATON DISCREPANCIES

The Coast Guard does not keep the tens of thousands of aids to navigation comprising the U.S. Aids to Navigation System under simultaneous and continuous observation. Mariners should realize that it is impossible to maintain every aid to navigation operating properly and on its assigned position at all times. Therefore, for the safety of all mariners, any who discovers an aid to navigation that is either off station or exhibiting characteristics other than those listed in
the Light Lists should promptly notify the nearest Coast Guard unit. Radio messages should be prefixed “COAST GUARD” and transmitted on VHF-FM channel 16 or directly to one of the U.S. Government radio stations listed in Chapter 3, Section 300L, Radio Navigation Aids (Publication No. 117). In addition to notifying the nearest Coast Guard unit by radio, a discrepant aid to navigation can be reported online at https://www.navcen.uscg.gov/?pageName=atonOutageReport.

U.S. AIDS TO NAVIGATION SYSTEM

GENERAL
The navigable waters of the United States are marked to assist navigation using the U.S. Aids to Navigation System, a system consistent with the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) Maritime Buoyage System. The IALA Maritime Buoyage System is followed by most of the world's maritime nations and improves maritime safety by encouraging conformity in buoyage systems worldwide. IALA buoyage is divided into two regions made up of Region A and Region B. All navigable waters of the United States follow IALA Region B, except U.S. possessions west of the International Date Line and south of 10° north latitude, which follow Region A. Lateral aids to navigation in Region A vary from those located within Region B. Non-lateral aids to navigation in Region A are the same as those used in Region B. Appropriate nautical charts and publications should be consulted to determine whether the Region A or Region B marking schemes are in effect for a given area.

Aids to navigation are developed, established, operated, and maintained by the U.S. Coast Guard to accomplish the following:

1. Assist navigators in determining their position,
2. Assist the navigator in determining a safe course,
3. Warn the navigator of dangers and obstructions,
4. Promote the safe and economic movement of commercial vessel traffic, and
5. Promote the safe and efficient movement of military vessel traffic, and cargo of strategic military importance.

The U.S. Aids to Navigation System is designed for use with nautical charts. Nautical charts portray the physical features of the marine environment, which include: soundings, landmarks, hazards to navigation, and aids to navigation. To best understand the purpose of a specific aid to navigation, mariners should consult the associated nautical chart, which illustrates the relationship of the aid to navigation to channel limits, obstructions, hazards to navigation, and to the aids to navigation system as a whole. Seasonal aids to navigation are placed into service, withdrawn, or changed at specified times of the year. The dates shown in the Light Lists are approximate and may vary due to adverse weather or other conditions. These aids will be changed on Electronic Navigational Charts (ENC) based on Light List dates and electronic navigation system settings.

Mariners should maintain and consult suitable publications and navigation equipment depending on the vessel’s requirements. This shipboard navigation equipment is separate from the aids to navigation system, but is often essential to its use.

The U.S. Aids to Navigation System is primarily a lateral system, which employs a simple arrangement of colors, shapes, numbers, and light characteristics to mark the limits of navigable
routes. This lateral system is supplemented with non-lateral aids to navigation where appropriate.

Federal aids to navigation consist of Coast Guard operated aids to navigation. The Coast Guard establishes, maintains, and operates a system of aids to navigation consisting of visual, audible, and electronic signals designed to assist the prudent mariner in the process of navigation.

The U.S. Aids to Navigation System contains the following subsystems:

1. **Intracoastal Waterway**: The aids to navigation marking the Intracoastal Waterway are arranged geographically from north to south on the Atlantic Coast and generally east to west on the coast of the Gulf of Mexico. Red lights (if so equipped), even numbers, and red buoys or triangle shaped daymarks are located on the southbound/westbound starboard waterway boundary. Green lights (if so equipped), odd numbers, and green buoys or square shaped daymarks are on the southbound/westbound port waterway boundary.

2. **Western Rivers**: The Western Rivers System is employed on the Mississippi River System, in addition to the Tennesssee-Tombigbee Waterway and the Alabama, Atchafalaya, and Apalachicola-Chattahoochee-Flint River Systems. The Western Rivers System consists of the following characteristics:
   a. Buys are not numbered.
   b. Numbers on beacons do not have lateral significance, but rather indicate mileage from a fixed point (normally the river mouth).
   c. Diamond shaped non-lateral dayboards, red and white or green and white as appropriate, are used to indicate where the river channel crosses from one bank to the other.
   d. Lights on green aids to navigation show a single-flash characteristic, which may be green or white.
   e. Lights on red aids to navigation show a group-flash characteristic, which may be red or white.
   f. Isolated danger marks are not used.

3. **Bridge Markings**: Bridges across navigable waters are marked with red, green and/or white lights for nighttime navigation. Red lights mark piers and other parts of the bridge. Red lights are also placed on drawbridges to show when they are in the closed position. Green lights are placed on drawbridges to show when they are in the open position. The location of these lights will vary according to the bridge structure. Green lights are also used to mark the centerline of navigable channels through fixed bridges. If there are two or more channels through the bridge, the preferred channel is also marked by three white lights in a vertical line above the green light.

   Red and green retro-reflective panels may be used to mark bridge piers and may also be used on bridges not required to display lights. Lateral red and green lights and dayboards may mark main channels through bridges. Adjacent piers are marked with fixed yellow lights when the main channel is marked with lateral aids to navigation.
Centerlines of channels through fixed bridges may be marked with a safe water mark and an occulting white light when lateral marks are used to mark main channels. The centerline of the navigable channel through the draw span of floating bridges may be marked with a special mark. The mark will be a yellow diamond with yellow retro-reflective panels and may exhibit a yellow light that displays a Morse code “B” (a long flash followed by three short flashes). AIS-ATON and RACONs may be placed on the bridge structure to mark the centerline of the navigable channel through the bridge.

Vertical clearance gauges may be installed to enhance navigation safety. The gauges are located on the right channel pier or pier protective structure facing approaching vessels. Clearance gauges indicate the vertical distance between “low steel” of the bridge channel span (in the closed to navigation position for drawbridges) and the level of the water, measured to the bottom of the foot marks, read from top to bottom.

Drawbridges equipped with radiotelephones display a blue and white sign which indicates what VHF radiotelephone channels should be used to request bridge openings.

**Private** aids to navigation include aids to navigation that are either operated by private persons and organizations, or that are operated by states. Private aids to navigation are classified into three categories:

1. **Class I**: Aids to navigation on marine structures or other works which the owners are legally obligated to establish, maintain, and operate as prescribed by the U.S. Coast Guard.
2. **Class II**: Aids to navigation that, exclusive of Class I aids, are located in waters used by general navigation.
3. **Class III**: Aids to navigation that, exclusive of Class I and Class II aids, are located in waters not ordinarily used by general navigation.

Authorization for the establishment of a Class II or Class III private aid to navigation by the U.S. Coast Guard imposes no legal obligation that the aid actually be established and operated. It only specifies the location and operational characteristics of the aid for which the authorization was requested. Once the aid is established, however, the owner is legally obligated to maintain it in good working order and properly painted.

**Lights and sound signals on oil wells or other offshore structures** in navigable waters are private aids to navigation and are generally not listed in the Light List unless they are equipped with a RACON. Where space allows, the structures are shown on the appropriate nautical charts. Information concerning the location and characteristics of those structures which display lights and sound signals not located in obstruction areas are published in Local and/or weekly Notices to Mariniers.

In general, during the nighttime, a series of white lights are displayed extending from the platform to the top of the derrick when drilling operations are in progress. At other times, structures are usually marked with one or more quick flashing white, red, or yellow lights, visible for at least one nautical mile during clear weather. Obstructions, which are a part of the appurtenances to the main structure, such as mooring piles, anchors, and mooring buoys, etc.,
are not normally lighted. In addition, some structures are equipped with a sound signal that produces a single two-second blast every 20 seconds.

**BUOYS, BEACONS, AND AIS-ATON**

The primary components of the U.S. Aids to Navigation System are buoys, beacons, and AIS-ATON.

Buoys are floating aids to navigation used extensively throughout U.S. waters. They are moored to sinkers by varying lengths of chain and may shift due to sea conditions and other causes. Buoys may also be carried away, capsized, or sunk. Prudent mariners will not rely solely on any single aid to navigation, particularly floating aids.

Buoy positions represented on nautical charts are approximate position only, due to the practical limitations of positioning and maintaining buoys and their sinkers in precise geographical locations. The position of buoys and beacons are indicated with a circle on the chart. The center of the symbol corresponds with the position of the aid.

Positions of Federal aids to navigation are verified during periodic maintenance visits. Between visits, environmental conditions, including atmospheric and sea conditions, seabed slope and composition, may shift buoys off their charted positions. Buoys may also be dragged off station, sunk, or capsized by a collision with a vessel.

Beacons are aids to navigation which are permanently fixed to the earth’s surface. They range from large lighthouses to small single-pile structures and may be located on land or in the water. Lighted beacons are called lights; unlighted beacons are called daybeacons. Lighthouses are placed on shore or on marine sites and most often do not indicate lateral significance. Lighthouses with no lateral significance exhibit a white light.

Beacons exhibit a daymark. For small structures, these are colored geometric shapes that make an aid to navigation readily visible and easily identifiable against background conditions. Generally, the daymark conveys to the mariner, during daylight hours, the same significance as the aid’s light or reflector does at night. The daymark of towers, however, consists of the structure itself. As a result, these daymarks do not infer lateral significance.

Ranges are non-lateral aids to navigation composed of two beacons, which when the structures appear to be in line, assist the mariner in maintaining a safe course. The appropriate nautical chart must be consulted when using ranges to determine whether the range marks the centerline of the navigable channel and also what section of the range may be safely traversed. Ranges typically display rectangular dayboards of various colors and are generally, but not always lighted. Ranges may display lights during daylight and at night. When lighted, ranges may display lights of any color.

Vessels should not pass fixed aids to navigation close aboard due to the danger of collision with rip-rap or structure foundations, or with the obstruction or danger being marked.

Aids to Navigation (ATON) may be enhanced by the use of an automatic identification system (AIS). AIS is a maritime navigation safety communications protocol standardized by the International Telecommunication Union and adopted by the International Maritime Organization for the broadcast or exchange of navigation information between vessels, aircraft, and shore...
stations. AIS ATON can autonomously and at fixed intervals broadcast the name, position, dimensions, type, characteristics, and status from or concerning an aid to navigation. AIS ATON are either physical (AIS-ATON messages are broadcast from a transmitter located on the buoy or beacon), synthetic (AIS-ATON messages are remotely broadcast, typically from shore, to the assigned position that corresponds with an existing buoy or beacon), or virtual (AIS-ATON messages are remotely broadcast, typically from shore, to an assigned position that has no corresponding physical buoy, or beacon).

**Note:** A Real or Physical AIS ATON can actively monitor and report the health and position status of its host; while Synthetic AIS ATON broadcasted from ashore (i.e. NAIS) can be used to electronically augment the range or portrayal (i.e., on radar and ECDIS) of an existing aid to navigation.

Although all existing AIS mobile devices can receive AIS ATON Reports and ASM messages, they may not readily appear on an AIS Minimal Keyboard Display or other shipboard navigational display systems (i.e., radar, ECDIS, ECS), which would require software updates to make these systems compliant with international navigation presentation standards (i.e., IEC 62288 (Ed. 2), IHO S-52 (Ed. 4.4.0)).

AIS ATON can also be used to broadcast both laterally (e.g., Port Hand Mark) and non-laterally significant marine safety information (e.g., environmental data, tidal information, and navigation warnings).

**Note:** AIS ATON stations broadcast their presence, identity (9-digit Marine Mobile Service Identity (MMSI) number), position, type, and status at least every three minutes or less via an AIS (ITU-R M.1371) message 21—AIS ATON Report. In addition to its AIS ATON Report, AIS ATON can broadcast significant marine safety information via Application Specific Messages (ASM), which are customized messages that can be used to broadcast additional aid information or other marine safety information (i.e., environmental conditions, wind speed and direction, tidal/current data, bridge air clearances, area notices, etc). They are identified by their: AIS message number (i.e. 6, 8, 25 or 26), Designated Area Code (DAC), Function Identifier (FI), and Version Number, e.g. U.S. Geographic Notice message: Msg# = 8, DAC = 367, FI = 22, Version = 2, and, denoted as 8/367.22.2.

**TYPES OF SIGNALS**

Lighted aids to navigation are, for the most part, equipped with daylight controls which automatically cause the light to operate during darkness and to be extinguished during daylight. These devices are not of equal sensitivity; therefore, all lights do not come on or go off at the same time. Mariners should ensure correct identification of aids to navigation during twilight periods when some lighted aids to navigation are lit while others are not.

The lighting apparatus is serviced at periodic intervals to assure reliable operation, but there is always the possibility of a light being extinguished or operating improperly. The condition of the atmosphere has a considerable effect upon the distance at which lights can be seen. Sometimes lights are obscured by fog, haze, dust, smoke, or precipitation which may be present at the light, or between the light and the observer, and which is possibly unknown by the observer. Atmospheric refraction may cause a light to be seen farther than under ordinary circumstances.

A light of low intensity will be easily obscured by unfavorable conditions of the atmosphere and little dependence can be placed on it being seen. For this reason, the intensity of a light should always be considered when expecting to sight it in reduced visibility. Haze and distance may
reduce the apparent duration of the flash of a light. In some atmospheric conditions, white lights may have a reddish hue. Lights placed at high elevations are more frequently obscured by clouds, mist, and fog than those lights located at or near sea level.

In regions where ice conditions prevail in the winter, the lantern panes of lights may become covered with ice or snow, which will greatly reduce the visibility of the lights and may also cause colored lights to appear white.

The increasing use of brilliant shore lights for advertising, illuminating bridges, and other purposes, may cause marine navigational lights, particularly those in densely inhabited areas, to be outshone and difficult to distinguish from the background lighting. Mariners are requested to report such cases in order that steps may be taken to improve the conditions.

The “loom” (glow) of a powerful light is often seen beyond the limit of visibility of the actual rays of the light. The loom may sometimes appear sufficiently sharp enough to obtain a bearing. At short distances, some flashing lights may show a faint continuous light between flashes.

The distance of an observer from a light cannot be estimated by its apparent intensity. Always check the characteristics of lights in order to avoid mistaking powerful lights, visible in the distance, for nearby lights (such as those on lighted buoys) showing similar characteristics of low intensity. If lights are not sighted within a reasonable time after prediction, a dangerous situation may exist, requiring prompt resolution or action in order to ensure the safety of the vessel.

The apparent characteristic of a complex light may change with the distance of the observer. For example, a light which actually displays a characteristic of fixed white varied by flashes of alternating white and red (the rhythms having a decreasing range of visibility in the order: flashing white, flashing red, fixed white) may, when first sighted in clear weather, show as a simple flashing white light. As the vessel draws nearer, the red flash will become visible and the characteristics will appear as alternating flashing white and red. Later, the fixed white light will be seen between the flashes and the true characteristic of the light will finally be recognized as fixed white, alternating flashing white and red (F W Al WR).

If a vessel has considerable vertical motion due to pitching in heavy seas, a light sighted on the horizon may alternatively appear and disappear. This may lead the unwary to assign a false characteristic and hence, to error in its identification. The true characteristic will be evident after the distance has been sufficiently decreased or by increasing the height of eye of the observer.

Similarly, the effect of wave motion on lighted buoys may produce the appearance of incorrect light phase characteristics when certain flashes occur, but are not viewed by the mariner. In addition, buoy motion can reduce the distance at which buoy lights are detected.

Sectors of colored glass are placed in the lanterns of some lights in order to produce a system of light sectors of different colors. In general, red sectors are used to mark shoals or to warn the mariner of other obstructions to navigation or of nearby land. Such lights provide approximate bearing information, since observers may note the change of color as they cross the boundary between sectors. These boundaries are indicated in the Light List (Col. 8) and by dotted lines on charts. These bearings, as all bearings referring to lights, are given in true degrees from 000° to 359°, as observed from a vessel toward the light.
Altering course on the changing sectors of a light or using the boundaries between light sectors to determine the bearing for any purpose is not recommended. Be guided instead by the correct compass bearing to the light and do not rely on being able to accurately observe the point at which the color changes. This is difficult to determine because the edges of a colored sector cannot be cut off sharply. On either side of the line of demarcation between white, red, or green sectors, there is always a small arc of uncertain color. Moreover, when haze or smoke is present in the intervening atmosphere, a white sector might have a reddish hue.

The area in which a light can be observed is normally an arc with the light as the center and the range of visibility as the radius. However, on some bearings, the range may be reduced by obstructions. In such cases, the obstructed arc might differ with height of eye and distance. When adjoining land cuts off a light and the arc of visibility is given, the bearing on which the light disappears may vary with the distance of the vessel from which observed and with the height of eye. When the light is cut off by a sloping hill or point of land, the light may be seen over a wider arc by a vessel farther away than by one closer to the light.

The arc drawn on charts around a light is not intended to give information as to the distance at which it can be seen. The arc indicates the bearings between which the variation of visibility or obstruction of the light occurs.

Only aids to navigation with green or red lights have lateral significance and exhibit either flashing, quick flashing, group flashing, occulting, or isophase light rhythms. When proceeding in the conventional direction of buoyage, the mariner in IALA Region B, may see the following lighted aids to navigation:

Green lights on aids to navigation mark port sides of channels and locations of wrecks or obstructions that must be passed by keeping these lighted aids to navigation on the port hand of a vessel. Green lights are also used on preferred channel marks where the preferred channel is to starboard (i.e., aid to navigation left to port when proceeding in the conventional direction of buoyage). Red lights on aids to navigation mark starboard sides of channels and locations of wrecks or obstructions that must be passed by keeping these lighted aids to navigation on the starboard hand of a vessel. Red lights are also used on preferred channel marks where the preferred channel is to port (i.e., aid to navigation left to starboard when proceeding in the conventional direction of buoyage).

White and yellow lights have no lateral significance. The shapes, colors, letters, and light rhythms may determine the purpose of aids to navigation exhibiting white or yellow lights.

Most aids to navigation are fitted with retro reflective material to increase their visibility in darkness. Colored reflective material is used on aids to navigation that, if lighted, will display lights of the same color.

Preferred channel marks exhibit a composite group-flashing light rhythm of two flashes followed by a single flash.

Safe water marks exhibit a white Morse code “A” rhythm (a short flash followed by a long flash).

Isolated danger marks exhibit a white flashing (2) rhythm (two flashes repeated regularly).

Special marks exhibit yellow lights and exhibit a flashing or fixed rhythm.
Information and regulatory marks exhibit a white light with any light rhythm except quick flashing, flashing (2) and Morse code “A.”

For situations where lights require a distinct cautionary significance, as at sharp turns, sudden channel constrictions, wrecks, or obstructions, a quick flashing light rhythm will be used.

**Shapes** are used to provide easy identification on certain unlighted buoys and dayboards on beacons. These shapes are laterally significant only when associated with laterally significant colors.

In IALA Region B, cylindrical buoys (referred to as “can buoys”) and square dayboards mark the port side of a channel when proceeding from seaward. These aids to navigation are associated with solid green or green and red-banded marks where the topmost band is green. Conical buoys (referred to as “nun buoys”) and triangular dayboards mark the starboard side of the channel when proceeding from seaward. These aids to navigation are associated with solid red or red and green-banded marks where the topmost band is red.

Unless fitted with topmarks; lighted, sound, pillar, and spar buoys have no shape significance. Their numbers, colors, and light characteristics convey their meanings.

**Dayboards** throughout the U.S. Aids to Navigation System are described using standard designations that describe the appearance of each dayboard. A brief explanation of the designations and of the purpose of each type of dayboard in the system is given below, followed by a verbal description of the appearance of each dayboard type.

Designations:

1. **First Letter – Shape or Purpose**
   - C: Crossing (Western Rivers only) diamond-shaped, used to indicate the points at which the channel crosses the river.
   - J: Junction (square or triangle) used to mark (preferred channel) junctions or bifurcations in the channel, or wrecks or obstructions which may be passed on either side; color of top band has lateral significance for the preferred channel.
   - K: Range (rectangular) when both the front and rear range dayboards are aligned on the same bearing, the observer is on the azimuth of the range, usually used to mark the center of the channel.
   - M: Safe Water (octagonal) used to mark the fairway or middle of the channel.
   - N: No lateral significance (diamond or rectangular) used for special purpose, warning, distance, or location markers.
   - S: Square used to mark the port side of channels when proceeding from seaward.
   - T: Triangle used to mark the starboard side of channels when proceeding from seaward.

2. **Second Letter – Key Color**

3. Third Letter – Color of Center Stripe (Range Dayboards Only)

4. Additional Information after a (-)

-I: Intracoastal Waterway; a yellow reflective horizontal band on a dayboard; indicates the aid to navigation marks the Intracoastal Waterway.

-SY: Intracoastal Waterway; a yellow reflective square on a dayboard; indicates the aid to navigation is a port hand mark for vessels traversing the Intracoastal Waterway. May appear on a triangular daymark where the Intracoastal Waterway coincides with a waterway having opposite conventional direction of buoyage.

-TY: Intracoastal Waterway; a yellow reflective triangle on a dayboard; indicates the aid to navigation is a starboard hand mark for vessels traversing the Intracoastal Waterway. May appear on a square daymark where the Intracoastal Waterway coincides with a waterway having opposite conventional direction of buoyage.

Descriptions:

CNG: Diamond-shaped dayboard divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners green, with green reflective diamonds at the top and bottom corners and white reflective diamonds in the side corners (Western Rivers only).

CNR: Diamond-shaped dayboard divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners red, with red reflective diamonds at the top and bottom corners and white reflective diamonds in the side corners (Western Rivers only).

JG: Dayboard bearing horizontal bands of green and red, green band topmost, with corresponding reflective borders.

JG-I: Square dayboard bearing horizontal bands of green and red, green band topmost, with corresponding reflective borders and a yellow reflective horizontal band.

JG-SY: Square dayboard bearing horizontal bands of green and red, green band topmost, with corresponding reflective borders and a yellow reflective square.

JG-TY: Square dayboard bearing horizontal bands of green and red, green band topmost, with corresponding reflective borders and a yellow reflective triangle.

JR: Dayboard bearing horizontal bands of red and green, red band topmost, with corresponding reflective borders.

JR-I: Triangular dayboard bearing horizontal bands of red and green, red band topmost, with corresponding reflective borders and a yellow reflective horizontal band.
JR-SY: Triangular dayboard bearing horizontal bands of red and green, red band topmost, with corresponding reflective borders and a yellow reflective square.

JR-TY: Triangular dayboard bearing horizontal bands of red and green, red band topmost, with corresponding reflective borders and a yellow reflective triangle.

KBG: Rectangular black dayboard bearing a central green stripe.

KBG-I: Rectangular black dayboard bearing a central green stripe and a yellow reflective horizontal band.

KBR: Rectangular black dayboard bearing a central red stripe.

KBR-I: Rectangular black dayboard bearing a central red stripe and a yellow reflective horizontal band.

KBW: Rectangular black dayboard bearing a central white stripe.

KBW-I: Rectangular black dayboard bearing a central white stripe and a yellow reflective horizontal band.

KGB: Rectangular green dayboard bearing a central black stripe.

KGB-I: Rectangular green dayboard bearing a central black stripe and a yellow reflective horizontal band.

KGR: Rectangular green dayboard bearing a central red stripe.

KGR-I: Rectangular green dayboard bearing a central red stripe and a yellow reflective horizontal band.

KGW: Rectangular green dayboard bearing a central white stripe.

KGW-I: Rectangular green dayboard bearing a central white stripe and a yellow reflective horizontal band.

KRB: Rectangular red dayboard bearing a central black stripe.

KRB-I: Rectangular red dayboard bearing a central black stripe and a yellow reflective horizontal band.

KRG: Rectangular red dayboard bearing a central green stripe.

KRG-I: Rectangular red dayboard bearing a central green stripe and a yellow reflective horizontal band.

KRW: Rectangular red dayboard bearing a central white stripe.

KRW-I: Rectangular red dayboard bearing a central white stripe and a yellow reflective horizontal band.
KWB: Rectangular white dayboard bearing a central black stripe.

KWB-I: Rectangular white dayboard bearing a central black stripe and a yellow reflective horizontal band.

KWG: Rectangular white dayboard bearing a central green stripe.

KWG-I: Rectangular white dayboard bearing a central green stripe and a yellow reflective horizontal band.

KWR: Rectangular white dayboard bearing a central red stripe.

KWR-I: Rectangular white dayboard bearing a central red stripe and a yellow reflective horizontal band.

MR: Octagonal dayboard bearing stripes of white and red, with a white reflective border.

MR-I: Octagonal dayboard bearing stripes of white and red, with a white reflective border and a yellow reflective horizontal band.

NB: Diamond-shaped dayboard divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners black, with a white reflective border.

ND: Rectangular white mileage marker with black numerals indicating the mile number (Western Rivers only).

NG: Diamond-shaped dayboard divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners green, with a white reflective border.

NL: Rectangular white location marker with an orange reflective border and black letters indicating the location.

NR: Diamond-shaped dayboard divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners red, with a white reflective border.

NW: Diamond-shaped white dayboard with an orange reflective border and black letters describing the information or regulatory nature of the mark.

NY: Diamond-shaped yellow dayboard with yellow reflective border.

SG: Square green dayboard with a green reflective border.

SG-I: Square green dayboard with a green reflective border and a yellow reflective horizontal band.

SG-SY: Square green dayboard with a green reflective border and a yellow reflective square.

SG-TY: Square green dayboard with a green reflective border and a yellow reflective triangle.
SR: Square red dayboard with a red reflective border. (IALA Region “A”)

TG: Triangular green dayboard with a green reflective border. (IALA Region “A”)

TR: Triangular red dayboard with a red reflective border.

TR-I: Triangular red dayboard with a red reflective border and a yellow reflective horizontal band.

TR-SY: Triangular red dayboard with a red reflective border and a yellow reflective square.

TR-TY: Triangular red dayboard with a red reflective border and a yellow reflective triangle.

These abbreviated descriptions are used in column (7) and may also be found on the illustrations of the U.S. Aids to Navigation System.

**Numbers** are used to provide easy identification of aids to navigation. In IALA Region B, all solid red and solid green aids are numbered, with the exception of buoys located on the Western Rivers. Red aids to navigation have even numbers and green aids to navigation have odd numbers. The numbers for each increase from seaward when proceeding in the conventional direction of buoyage. Numbers are kept in approximate sequence on both sides of the channel by omitting numbers where necessary.

Letters may be used to augment numbers when lateral aids to navigation are added to channels with previously completed numerical sequences. Letters will increase in alphabetical order from seaward, proceeding in the conventional direction of buoyage and are added to numbers as suffixes. Letters are not used for buoys on the Western Rivers.

No other aids to navigation are numbered. Preferred channel, safe water, isolated danger, special marks, and information and regulatory aids to navigation may be lettered, but not numbered.

**Sound signal** is a generic term used to describe aids to navigation that produce an audible signal designed to assist the mariner in periods of reduced visibility. These aids to navigation can be activated by several means (e.g., manually, remotely, or fog detector). The Coast Guard is replacing many fog detectors with mariner radio activated sound signals (MRASS). To activate, mariners key their VHF-FM radio a designated number of times on a designated VHF-FM channel. The sound signal is activated for a period of 15, 30, 45, or 60 minutes after which the activated assistance automatically turns off. In cases where a fog detector is in use, there may be a delay in the automatic activation of the signal. Additionally, fog detectors may not be capable of detecting patchy fog conditions.

Sound signals are distinguished by their tone and phase characteristics. The devices producing the sound, e.g., diaphones, diaphragm horns, sirens, whistles, bells, or gongs determine tones.

Phase characteristics are defined by the signal's sound pattern, i.e., the number of blasts and silent periods per minute and their durations. Sound signals sounded from fixed structures generally produce a specific number of blasts and silent periods each minute when operating. Sound signals installed on buoys are generally activated by the motion of the sea and therefore do not emit a regular signal characteristic. It is common, in fact, for a buoy to produce no sound signal when seas are calm.
The characteristic of a sound signal is listed in column (8) of the Light List. If the sound signal is remotely activated, column (8) will contain the VHF-FM channel and number of times the VHF-FM radio should be keyed. All waterway users equipped with a VHF-FM radio may activate the sound signal, but they are not required to do so. Unless it is specifically stated that a sound signal "Operates continuously," or the signal is a bell, gong, or whistle on a buoy, it can be assumed that the sound signal only operates during times of fog, reduced visibility, or adverse weather.

**Caution:** Mariners should not rely on sound signals to determine their position. Distance cannot be accurately determined by sound intensity. Occasionally, sound signals may not be heard in areas close to their location. Signals may not sound in cases where fog exists close to, but not at, the location of the sound signal.

**Radar Beacons (RACONS)** are radar transponders that when triggered by an X-band radar produce a coded response from its location, which is portrayed radially as a series of dots and dashes on the triggering radar. Although RACONS may be used on both laterally significant and non-laterally significant aids to navigation, their signal should just be used for identification purposes only.

RACONS have a typical output of 600 milliwatts and are considered a short range aid to navigation. Reception varies from a nominal range of 6 to 8 nautical miles when mounted on a buoy to as much as 17 nautical miles for a RACON mounted on a fixed structure. It must be understood that these nominal ranges are dependent upon many factors.

The beginning of the RACON presentation occurs about 50 yards beyond the RACON position and will persist for a number of revolutions of the radar antenna (depending on its rotation rate). Distance to the RACON can be measured to the point at which the RACON flash begins, but the figure obtained will be greater than the vessel's distance from the RACON. This is due to the slight response delay in the RACON apparatus.

Radar operators may notice some broadening or spoking of the RACON presentation when their vessel approaches closely to the source of the RACON. This effect can be minimized by adjusting the IF gain or sweep gain control of the radar. If desired, the RACON presentation can be virtually eliminated by operation of the FTC (fast time constant) controls of the radar.

**Radar Reflectors** are special fixtures, incorporated into both lighted and unlighted aids to navigation, to enhance the reflection of radar energy. These fixtures help radar-equipped vessels to detect buoys and beacons, which are so equipped. However, they do not positively identify a radar target as an aid to navigation.

**NAVIGATION SERVICES**

**GLOBAL POSITIONING SYSTEM (GPS), DIFFERENTIAL GPS (DGPS), AND NATION-WIDE AUTOMATIC IDENTIFICATION SYSTEM (NAIS)**

**Global Positioning System (GPS)** is a satellite based navigation system, operated and controlled by the Department of Defense (DOD) under U.S. Air Force management, which provides precise, worldwide, three-dimensional navigation capabilities. The system was originally designed for military application; however, it is now available to all and used almost ubiquitously. The United States is committed to maintaining the availability of at least 24
operational GPS satellites, is six precise orbital planes, each of which complete a circular 10,900 nautical mile orbit of the earth once every 12 hours. Ideally, a minimum of four satellites will be visible from any position on the earth and will provide positions with a global horizontal accuracy within 3 meters, 95% percent of the time. Whenever possible, advance notice of when GPS satellites should not be used will be provided by the DOD and made available by the US Coast Guard through GPS status messages.

The Navigation Center coordinates and manages the Civil GPS Service Interface Committee (CGSIC), which comprises members from U.S. and international private, government, and industry user groups. The CGSIC is the recognized worldwide forum for effective interaction between all civil GPS users and the U.S. GPS authorities.

At least three satellites are required for a two-dimensional solution, however, GPS does not provide integrity information and mariners should exercise extreme caution when using GPS in restricted waterways.

**Differential GPS (DGPS)** is an augmentation to the GPS signals. Each site corrects for small variations in the signals from each satellite that is in view at that time. Satellite signals can vary due to small changes in the satellite’s circuitry and orbit and from changes caused by local weather conditions. Satellite corrections are transmitted to users via radio signals in the medium frequency band (285-325 kHz) previously used for marine radiobeacons. DGPS corrections and integrity information are transmitted using Minimum Shift Keying (MSK) modulation. The modulation data rate is usually 100 or 200 bits per second (bps), but can also be 50 bps. The range of DGPS transmissions is from 40 to 300 nautical miles.

DGPS was the first Federal radionavigation system capable of providing the 10-meter navigation service required for the Harbor Entrance and Approach phase of maritime navigation. DGPS provides integrity messages for signals from the GPS satellites, as well as DGPS position corrections, and typically provides position accuracy of 1-3 meters.

Each DGPS site has two reference stations (which calculate the differential corrections), two integrity monitors (which ensure the differential corrections are accurate), a transmitter, and equipment to communicate status information to and receive commands from the control station. Each transmitter and reference station has a unique identification number that permits users to determine which site/equipment is providing their differential corrections. As distance from the transmitting site increases, the small error in the differential corrections increases. The best accuracy is achieved when using the DGPS site closest to the user.

Information regarding the location of DGPS transmitters is given on the map labeled U.S. DGPS Sites & Identification Numbers on page i. Users can access additional information and DGPS statuses, submit questions, and provide comments via the Navigation Information Service’s website or by calling the Coast Guard Navigation Center DGPS watchstander at (703) 313-5902.

**Navigation Information Service (NIS):** The Coast Guard is the government interface for civil users of GPS and has established a Navigation Information Service (NIS) to meet the information needs of the civil user. The NIS is a Coast Guard entity that is manned 24 hours a day, 7 days a week, and is located at the Navigation Center (NAVCEN) in Alexandria, VA. It provides data broadcasts and on-line computer-based information services which are available 24 hours a day. The information provided includes present or future satellite outages, constellation changes, user instructions and tutorials, lists of service and receiver provides/users, and other GPS and DGPS related information.
**Navigation Center Internet Service (www)** website also offers an e-mail subscription service for GPS status messages, Notice Advisory to NAVSTAR Users (NANU) messages, Local Notice to Mariners, and Coast Guard Light List.

The NAVCEN disseminates GPS and DGPS safety advisory broadcast messages through USCG broadcast stations utilizing VHF-FM voice, HF-SSB voice, and NAVTEX broadcasts. The broadcasts provide the GPS and DGPS user in the marine environment with the current status of the navigation systems, as well as any planned/unplanned system outages that could affect GPS and DGPS navigational accuracy.

**Nationwide Automatic Identification System (NAIS)** consists of approximately 200 VHF receiver sites located throughout the coastal continental United States, inland rivers, Alaska, Hawaii, Puerto Rico, and Guam. NAIS couples AIS technology with a comprehensive network infrastructure to achieve ship-to-shore and shore-to-ship data transmission throughout the navigable waters of the United States. The system enables AIS-equipped vessels to receive important marine information such as safety and security messages, weather alerts, and electronic aids to navigation.

NAIS is designed to collect safety and security data from AIS-equipped vessels in navigable waters of the United States and share that data with Coast Guard operators and other government and port partners. The primary goal of NAIS is to increase situational awareness through data dissemination via a network infrastructure, particularly focusing on improving maritime security, marine and navigational safety, search and rescue, and environmental protection services. Collected AIS data improves the safety of vessels and ports through collision avoidance and the safety of the nation through detection, identification, and classification of vessels.

For more information see:

- AIS messages at [www.navcen.uscg.gov/?pageTitle=AISMessages](http://www.navcen.uscg.gov/?pageTitle=AISMessages),
- IMO Safety of Navigation Circular 289 and 290 regarding ASM’s at [www.navcen.uscg.gov/?pageTitle=AISReferences](http://www.navcen.uscg.gov/?pageTitle=AISReferences),
- IALA AIS ASM Catalog at [www.e-navigation.nl/asm](http://www.e-navigation.nl/asm), and
- USCG Special Notice 14-02 regarding eATON at [www.navcen.uscg.gov/?pageTitle=AISFAQ#21](http://www.navcen.uscg.gov/?pageTitle=AISFAQ#21).

To comment on any of these services or ask questions about the service offered, contact the NAVCEN at:

**Commanding Officer**  
U.S. Coast Guard Navigation Center  
7323 Telegraph Road STOP 7310  
Alexandria, VA 20598-7310  
Phone: (703) 313-5900  
Internet: [https://www.navcen.uscg.gov](http://https://www.navcen.uscg.gov)
Various abbreviations are utilized in Broadcast Notices to Mariners, Local Notices to Mariners, on charts, and in the Light Lists. Refer to the following list.

**Light Characteristics**
- Alternating (AL)
- Characteristic (CHAR)
- Composite Group-Flashing (FL (2+1))
- Composite Group-Occulting (OC (2+1))
- Continuous Quick-Flashing (Q)
- Eclipse (EC)
- Fixed and Flashing (FFL)
- Fixed (F)
- Group-Flashing (FL (3))
- Group-Occulting (OC (2))
- Interrupted Quick-Flashing (IQ)
- Isophase (ISO)
- Morse Code (MO (A))
- Occulting (OC)
- Single-Flashing (FL)
- Lighted Bell Buoy (LBB)
- Lighted Buoy (LB)
- Lighted Gong Buoy (LGB)
- Lighted Horn Buoy (LHB)
- Lighted Whistle Buoy (LWB)
- Mariner Radio Activated Sound Signal (MRASS)
- Ocean Data Acquisition System (ODAS)
- Privately Maintained (PRIV MAINTD)
- Radar Reflector (RA REF)
- Radar Responder Beacon (RACON)
- Remote Radio Activated Sound Signal (RRASS)
- Single Point Mooring Buoy (SPM)
- Sound Signal (SS)
- Temporarily Replaced by (TRLB)
- Unlighted Buoy (TRUB)
- Topmark (TMK)
- Virtual AIS Aid to Navigation (V-AIS)
- Whistle (WHIS)

**Sound Signal Characteristics**
- Blast (BL)
- Every (EV)
- Seconds (S)
- Silent (SI)
- Temporarily Replaced by (TRLB)

**Colors**
- Black (B)
- Blue (BU)
- Green (G)
- Orange (OR)
- Red (R)
- White (W)
- Yellow (Y)

*NOTE: Color refers to characteristics of aids to navigation only.*

**Organizations**
- Commander, Coast Guard District CCGD (#)
- Coast Guard (CG)
- Corps of Engineers (USACE)
- National Geospatial-Intelligence Agency (NGA)
- National Ocean Service (NOS)
- National Weather Service (NWS)

**Vessels**
- Aircraft (A/C)
- Fishing Vessel (F/V)
- Liquefied Natural Gas Carrier (LNG)
- Motor Vessel (includes Steam Ship, Container Ship, Cargo Vessel, Tanker etc) (M/V)
- Pleasure Craft (P/C)
- Research Vessel (R/V)
- Sailing Vessel (S/V)

**Compass Directions**
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**Months**

- January: JAN
- February: FEB
- March: MAR
- April: APR
- May: MAY
- June: JUN
- July: JUL
- August: AUG
- September: SEP
- October: OCT
- November: NOV
- December: DEC

**Days of the Week**

- Monday: MON
- Tuesday: TUE
- Wednesday: WED
- Thursday: THU
- Friday: FRI
- Saturday: SAT
- Sunday: SUN

**Various**

- Anchorage: ANCH
- Anchorage Prohibited: ANCH PROHIB
- Approximate: APPROX
- Atlantic: ATL
- Authorized: AUTH
- Average: AVG
- Bearing: BRG
- Breakwater: BKW
- Broadcast Notice to Mariners: BNM
- Canadian Aid: (C)
- Captain of the Port: COTP
- Channel: CHAN
- Code of Federal Regulations: CFR
- Continue: CONT
- Degrees (temp, geo, pos): DEG
- Diameter: DIA
- Edition: ED
- Effect/Effective: EFF
- Entrance: ENTR
- Explosive Anchorage: EXPLOS ANCH
- Fathom(s): FM(S)
- Foot/Feet: FT
- Harbor: HBR
- Height: HT
- Hertz: HZ
- Horizontal Clearance: HOR CL
- Hour: HR
- International Regulations for Preventing Collisions at Sea: COLREGS
- Kilohertz: KHZ
- Kilometer: KM
- Knot(s): KT(S)
- Minute (time, geo, pos): MIN
- Megahertz: MHZ
- Moderate: MOD
- Mountain, Mount: MT
- Nautical Mile(s): NM
- Notice to Mariners: NTM
- Obstruction: OBSTR
- Occasion/Occasionally: OCCASION
- Operating Area: OPAREA
- Pacific: PAC
- Point(s): PT(S)
- Position: POS
- Position Approximate: PA
- Pressure: PRES
- Private, Privately: PRIV
- Prohibited: PROHIB
- Publication: PUB
- Range: RGE
- Reported: REP
- Range: RGE
- Restricted: RESTR
- Second (time, geo, pos): SEC
- Signal Station: SIG STA
- Station: STA
- Saint: ST
- River: RIV
- Rock: RK
- Statute Mile(s): SM
- Storm Signal Station: S SIG STA
- Temporary: TEMP
- Thunderstorm: TSTORM
- Through: THRU
- True: T
- Uncovers, Dries: UNCOV
- Universal Coordinate Time: UTC
- Velocity: VEL
- Vertical Clearance: VERT CL
- Vessel Traffic Service: VTS
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GLOSSARY OF AIDS TO NAVIGATION TERMS

**Adrift**: Afloat and unattached in any way to the shore or seabed.

**Aid to Navigation**: Any device external to a vessel or aircraft specifically intended to assist navigators in determining their position or safe course, or to warn them of dangers or obstructions to navigation.

**Alternating Lights**: A rhythmic light showing light of alternating colors.

**Arc of Visibility**: The portion of the horizon over which a lighted aid to navigation is visible from seaward.

**Articulated Beacon**: A beacon-like buoyant structure, tethered directly to the seabed and having no watch circle. Called articulated light or articulated daybeacon, as appropriate.

**Assigned Position**: The latitude and longitude position for an aid to navigation.

**Beacon**: A lighted or unlighted fixed aid to navigation attached directly to the earth’s surface. (Lights and daybeacons both constitute beacons.

**Bearing**: The horizontal direction of a line of sight between two objects on the surface of the earth.

**Bell**: A sound signal producing bell tones by means of a hammer actuated by electricity on fixed aids and by sea motion on buoys.

**Bifurcation**: The point where a channel divides when proceeding from seaward. The place where two tributaries meet.

**Broadcast Notice to Mariners**: A radio broadcast designed to provide important marine information.

**Buoy**: A floating object of defined shape and color, which is anchored at a given position and serves as an aid to navigation.

**Characteristic**: The audible, visual, or electronic signal displayed by an aid to navigation to assist in the identification of an aid to navigation. Characteristic refers to lights, sound signals, RACONs, and daybeacons.

**Commissioned**: The action of placing a previously discontinued aid to navigation back in service.

**Composite Group Flashing Light**: A group flashing light in which the flashes are combined in successive groups of different numbers of flashes.

**Composite Group-Occulting Light**: A light similar to a group occulting light except that the successive groups in a period have different numbers of eclipses.

**Conventional Direction of Buoyage**: The general direction taken by the mariner when approaching a harbor, river, estuary, or other waterway from seaward, or proceeding upstream or in a direction of the main stream of flood tide, or in the direction indicated in appropriate nautical documents (normally, following a clockwise direction around land masses).

**Daybeacon**: An unlighted fixed structure which is equipped with a dayboard for daytime identification.

**Dayboard**: The daytime identifier of an aid to navigation presenting one of several standard shapes (square, triangle, rectangle) and colors (red, green, white, orange, yellow, or black).

**Daymark**: The daytime identifier of an aid to navigation. (See column 7 of the Light List)

**Diaphone**: A sound signal which produces sound by means of a slotted piston moved back and forth by compressed air. A “two-
“tone” diaphone produces two sequential tones with a second tone of lower pitch.

**Directional Light:** A light illuminating a sector or very narrow angle and intended to mark a direction to be followed.

**Discontinued:** To remove from operation (permanently or temporarily) a previously authorized aid to navigation.

**Discrepancy:** Failure of an aid to navigation to maintain its position or function as prescribed in the Light List.

**Discrepancy Buoy:** An easily transportable buoy used to temporarily replace an aid to navigation not watching properly.

**Dolphin:** A minor aid to navigation structure consisting of a number of piles driven into the seabed or riverbed in a circular pattern and drawn together with rope.

**Eclipse:** An interval of darkness between appearances of a light.

**Emergency Light:** A light of reduced intensity displayed by certain aids to navigation when the main light is extinguished.

**Establish:** To place an authorized aid to navigation in operation for the first time.

**Extinguished:** A lighted aid to navigation which fails to show a light characteristic.

**Fixed Light:** A light showing continuously and steady, as opposed to a rhythmic light. (Do not confuse with “fixed” as used to differentiate from “floating”.)

**Flash:** A relatively brief appearance of a light, in comparison with the longest interval of darkness in the same characteristic.

**Flash tube:** An electronically controlled high-intensity discharge lamp with a very brief flash duration.

**Flashing Light:** A light in which the total duration of the light in each period is clearly shorter than the total duration of the darkness and in which the flashed of light are all of equal duration. (Commonly used for a single-flashing light which exhibits only single flashes which are repeated at regular intervals.)

**Floating Aid to Navigation:** A buoy, secured in its assigned position by a mooring.

**Fog Detector:** An electronic devise used to automatically determine conditions of visibility which warrant the activation of a sound signal or additional light signals.

**Fog Signal:** See sound signal.

**Geographic Range:** The greatest distance the curvature of the earth permits an object of a given height to be seen from a particular height of eye without regard to luminous intensity or visibility conditions.

**Global Positioning System (GPS):** A satellite based radio-navigation system providing continuous worldwide coverage. It provides navigation, position, and timing information to air, marine, and land users.

**Gong:** A wave actuated sound signal on buoys which uses a group of saucer-shaped bells to produce different tones.

**Group Flashing Light:** A flashing light in which a group of flashes, specified in number, is regularly repeated.

**Group Occulting Light:** An occulting light in which a group of eclipses, specified in number, regularly repeated.

**Horn:** A sound signal which uses electricity or compressed air to vibrate a disc diaphragm.

**Inoperative:** Sound signal or electronic aid to navigation out of service due to a malfunction.
**Interrupted Quick Flash:** A quick flashing light in which the rapid alternations are interrupted at regular intervals by eclipses of long duration.

**Isolated Danger Mark:** A mark erected on, or moored above or very near, an isolated danger which has navigable water all around it.

**Isophase Light:** A rhythmic light in which all durations of light and darkness are equal.

**Junction:** The point where a channel divides when proceeding seaward. The place where a distributary departs from the main stream.

**Lateral System:** A system of aids to navigation in which characteristics of buoys and beacons indicate the sides of a channel or route relative to a Conventional Direction of Buoyage (usually upstream).

**Light:** The signal emitted by a lighted aid to navigation. The illuminating apparatus used to emit the light signal. A lighted aid to navigation on a fixed structure.

**Light Sector:** The arc over which a light is visible, described in degrees true, as observed from seaward towards the light. May be used to define distinctive color difference of two adjoining sectors, or an obscured sector.

**Lighted Ice Buoy (LIB):** A lighted buoy without a sound signal, and designed to withstand the forces of shifting and flowing ice. Used to replace a conventional buoy when that aid to navigation is endangered by ice.

**Lighthouse:** A lighted beacon of major importance.

**Local Notice to Mariners:** A written document issued by each U.S. Coast Guard district to disseminate important information affecting aids to navigation, dredging, marine construction, special marine activities, and bridge construction on waterways within that district.

**Luminous Range:** The greatest distance a light can be expected to be seen given its nominal range and the prevailing meteorological visibility.

**Mark:** A visual aid to navigation. Often called navigational mark, including floating marks (buoys) and fixed marks (beacons).

**Meteorological Visibility:** The greatest distance at which a black object of suitable dimension could be seen and recognized against the horizon sky by day, or in case of night observations, could be seen and recognized if the general illumination were raised to the daylight level.

**Mileage Number:** A number assigned to aids to navigation which gives the distance in sailing miles along the river from a reference point to the aid to navigation. The number is used principally in the Mississippi River System.

**Nominal Range:** The maximum distance a light can be seen in clear weather (meteorological visibility of 10 nautical miles). Listed for all lighted aids to navigation except range lights, directional lights, and private aids to navigation.

**Occulting Light:** A light in which the total duration of light in each period is clearly longer than the total duration of the darkness and in which the intervals of darkness (occultations) are all of equal duration. Commonly used for single occulting light which exhibits only single occultations which are repeated at regular intervals.

**Ocean Data Acquisition System (ODAS):** Certain very large buoys in deep water for the collection of oceanographic and meteorological information. All ODAS buoys are yellow in color and display a yellow light.

**Off Shore Tower:** Monitored light stations built on exposed marine sites to replace lightships.
Off Station: A floating aid to navigation that is not on its assigned position.

Passing Light: A low intensity light which may be mounted on the structure of another light to enable the mariner to keep the latter light in sight when passing out of its beam during transit.

Period: The interval of time between the commencement of two identical successive cycles of the characteristic of the light or sound signal.

Pile: A long, heavy timber driven into the seabed or riverbed to serve as a support for an aid to navigation.

Port Hand Mark: A buoy or beacon which is left to the port hand when proceeding in the “Conventional Direction of Buoyage”.

Preferred Channel Mark: A lateral mark indicating a channel junction or bifurcation, or a wreck or other obstruction which after consulting a chart, may be passed on either side.

Primary Aid to Navigation: An aid to navigation established for the purpose of making landfalls and coastwise passages from headland to headland.

Quick Light: A light exhibiting very rapid regular alternations of light and darkness, normally 60 flashes per minute.

RACON: A radar beacon which produces a coded response or radar paint, when triggered by a radar signal.

Radar: An electronic system designed to transmit radio signals and receive reflected images of those signals from a “target” in order to determine the bearing and distance to the “target”.

Radar Reflector: A special fixture fitted to or incorporated into the design of certain aids to navigation to enhance their ability to reflect radar energy. In general, these fixtures will materially improve the aid to navigation for use by vessels with radar.

Range: A line formed by the extension of a line connecting two charted points.

Range lights: Two lights associated to form a range which often, but not necessarily, indicates the channel centerline. The front range light is the lower of the two, and nearer to the mariner using the range. The rear light is higher and further from the mariner.

Rebuilt: A fixed aid to navigation, previously destroyed, which has been restored as an aid to navigation.

Regulatory Marks: A white and orange aid to navigation with no lateral significance. Used to indicate a special meaning to the mariner, such as danger, restricted operations, or exclusion area.

Relighted: An extinguished aid to navigation returned to its advertised light characteristics.

Replaced: An aid to navigation previously off station, adrift, or missing, restored by another aid to navigation of the same type and characteristics.

Replaced (temporarily): An aid to navigation previously off station, adrift, or missing restored by another aid to navigation of a different type and/or characteristic.

Reset: A floating aid to navigation previously off station, adrift or missing, returned to its assigned position (station).

Rhythmic Light: A light showing intermittently with a regular periodicity.

Sector: See light sector.

Setting a Buoy: The act of placing a buoy on assigned position in the water.
**Siren:** A sound signal which uses electricity or compressed air to actuate either a disc or a cup shaped rotor.

**Skeleton Tower:** A tower, usually of steel, constructed of heavy corner members and various horizontal and diagonal bracing members.

**Sound Signal:** A device which transmits sound, intended to provide information to mariners during periods of restricted visibility and foul weather.

**Starboard Hand Mark:** A buoy or beacon which is left to the starboard hand when proceeding in the Conventional Direction of Buoyage.

**Topmark:** One or more relatively small objects of characteristic shape and color placed on aid to identify its purpose.

**Traffic Separation Scheme:** Shipping corridors marked by buoys which separate incoming from outgoing vessels. Improperly called SEA LANES.

**Watching Properly:** An aid to navigation on its assigned position exhibiting the advertised characteristics in all respects.

**Whistle:** A wave actuated sound signal on buoys which produces sound by emitting compressed air through a circumferential slot into a cylindrical bell chamber.

**Winter Marker:** An unlighted buoy without a sound signal, used to replace a conventional buoy when an aid to navigation is endangered by ice.

**Winter Light:** A light which is maintained during those winter months when the regular light is extinguished. It is of lower candlepower than the regular light, but usually the same characteristic.

**Withdrawn:** The discontinuance of an aid to navigation or equipment on an aid to navigation during severe ice conditions or for the winter season.
### CHARACTERISTICS OF LIGHTS

<table>
<thead>
<tr>
<th>Illustration</th>
<th>Type Description</th>
<th>Abbreviation</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>FIXED</td>
<td>F</td>
</tr>
<tr>
<td></td>
<td>A light showing continuously and steadily.</td>
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<td></td>
<td>OCCULTING</td>
<td>Oc</td>
</tr>
<tr>
<td></td>
<td>A light in which the total duration of light in a period is longer than the total duration of darkness and the intervals of darkness (eclipses) are usually of equal duration</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.1 Single-occulting.</td>
<td>Oc (2)</td>
</tr>
<tr>
<td></td>
<td>An occulting light in which an eclipse is regularly repeated.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.2 Group-occulting.</td>
<td>Oc (2+1)</td>
</tr>
<tr>
<td></td>
<td>An occulting light in which a group of eclipses, specified in numbers, is regularly repeated.</td>
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</tr>
<tr>
<td></td>
<td>2.3 Composite group-occulting.</td>
<td>Iso</td>
</tr>
<tr>
<td></td>
<td>A light, similar to a group-occulting light, except that successive groups in a period have different numbers of eclipses.</td>
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<tr>
<td></td>
<td>ISOPHASE</td>
<td>Iso</td>
</tr>
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<td></td>
<td>A light in which all durations of light and darkness are equal.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4.1 Single-flashing.</td>
<td>Fl (2)</td>
</tr>
<tr>
<td></td>
<td>A flashing light in which a flash is regularly repeated (frequency not exceeding 30 flashes per minute).</td>
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<tr>
<td></td>
<td>4.2 Group-flashing.</td>
<td>Fl (2+1)</td>
</tr>
<tr>
<td></td>
<td>A flashing light in which a group of flashes, specified in number, is regularly repeated.</td>
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<tr>
<td></td>
<td>4.3 Composite group-flashing.</td>
<td>Q</td>
</tr>
<tr>
<td></td>
<td>A light similar to a group flashing light except that successive groups in the period have different numbers of</td>
<td></td>
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<tr>
<td></td>
<td>QUICK</td>
<td>Q</td>
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<td></td>
<td>A light in which flashes are produced at a rate of 60 flashes per minute.</td>
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</tr>
<tr>
<td></td>
<td>5.1 Continuous quick.</td>
<td>I Q</td>
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<tr>
<td></td>
<td>A quick light in which a flash is regularly repeated.</td>
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<tr>
<td></td>
<td>5.2 Interrupted quick.</td>
<td>Mo (A)</td>
</tr>
<tr>
<td></td>
<td>A quick light in which the sequence of flashes is interrupted by regularly repeated eclipses of constant and long duration.</td>
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</tr>
<tr>
<td></td>
<td>MORSE CODE</td>
<td>Al RW</td>
</tr>
<tr>
<td></td>
<td>A light in which appearances of light of two clearly different durations (dots and dashes) are grouped to represent a character or characters in the Morse code.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FIXED AND FLASHING</td>
<td>F Fl</td>
</tr>
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<td></td>
<td>A light in which a fixed light is combined with a flashing light of higher luminous intensity.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ALTERNATING</td>
<td>Al RW</td>
</tr>
<tr>
<td></td>
<td>A light showing different colors alternately</td>
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<table>
<thead>
<tr>
<th>No.</th>
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<th>Structure</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>4</td>
<td>NOAA Data Lighted Buoy 44027</td>
<td>44-16-59.000N 067-17-59.000W</td>
<td>Fi (4)Y 20s</td>
<td>4</td>
<td></td>
<td>Yellow.</td>
<td>Marked NOAA 44027 Aid maintained by National Oceanic and Atmospheric Administration.</td>
</tr>
<tr>
<td>5</td>
<td>Mount Desert Light</td>
<td>43-58-07.010N 068-07-42.012W</td>
<td>Fi W 15s</td>
<td>75</td>
<td>14</td>
<td>Granite conical tower. 65</td>
<td>HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>6</td>
<td>University of Maine Jordan Basin Lighted Buoy M</td>
<td>43-29-26.400N 067-52-47.400W</td>
<td>Fi Y 4s</td>
<td></td>
<td></td>
<td>Yellow.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>10</td>
<td>Matinicus Rock Light</td>
<td>43-47-00.522N 068-51-18.119W</td>
<td>Fi W 10s</td>
<td>90</td>
<td>20</td>
<td>Cylindrical gray granite tower. 41</td>
<td>Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 15s (2s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>20</td>
<td>Monhegan Island Light</td>
<td>43-45-53.282N 068-18-56.981W</td>
<td>Fi W 15s</td>
<td>178</td>
<td>20</td>
<td>White tower. 47</td>
<td>Within 3 miles of island the light is obscured between west and southwest. Emergency light of reduced intensity when main light is extinguished.</td>
</tr>
<tr>
<td>35</td>
<td>Seguin Light</td>
<td>43-42-26.900N 069-45-28.900W</td>
<td>F W</td>
<td>180</td>
<td>18</td>
<td>Brick conical tower. 53</td>
<td>Emergency light of reduced intensity when main light is extinguished. Two emergency lights may be visible from 340° and 160°. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>40</td>
<td>Halfway Rock Light</td>
<td>43-39-20.800N 070-02-12.426W</td>
<td>Fi R 5s</td>
<td>76</td>
<td>19</td>
<td>White tower attached to dwelling. 77</td>
<td>Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
</tbody>
</table>
### SEACOAST (Maine) - First District

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
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<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>Cape Elizabeth Light</td>
<td>43-33-57.864N 070-12-00.209W</td>
<td>Fl (4)W 15s 0.3s fl 2.2s ec. 0.3s fl 2.2s ec. 0.3s fl 2.2s ec. 0.3s fl 7.2s ec.</td>
<td>129</td>
<td>15</td>
<td>White conical tower. 67</td>
<td>Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Horn located 266 yards, 146° from light tower. MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>70</td>
<td>Alden Rock Buoy 4 Southwest of rock.</td>
<td>43-33-04.328N 070-09-34.876W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>Old Anthony Lighted Whistle Buoy 2 Southwest of Old Anthony Rock.</td>
<td>43-32-16.308N 070-10-47.166W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>95</td>
<td>Wood Island Light</td>
<td>43-27-24.700N 070-19-44.800W</td>
<td>Al WG 10s</td>
<td>71</td>
<td>G 13 W 13</td>
<td>White conical tower connected to dwelling. 71</td>
<td>Emergency light (Fl G 10s) of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
</tr>
<tr>
<td>113.2</td>
<td>University of Maine Research Lighted Buoy I</td>
<td>44-06-10.200N 068-06-43.800W</td>
<td>Fl Y 4s</td>
<td></td>
<td></td>
<td>Yellow.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>120</td>
<td>Perkins Cove Lighted Bell Buoy PC</td>
<td>43-14-26.693N 070-34-09.260W</td>
<td>Mo (A) W</td>
<td>4</td>
<td></td>
<td>Red and white stripes with red spherical topmark.</td>
<td></td>
</tr>
</tbody>
</table>
### SEACOAST (Maine) - First District

#### BAY OF FUNDY TO CAPE COD (Chart 13260)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>125</td>
<td>Cape Nedick Light</td>
<td>43-09-54.733N 070-35-27.943W</td>
<td>Iso R 6s</td>
<td>88</td>
<td>13</td>
<td>White conical tower connected to dwelling. 88</td>
<td>Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 10s (1s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
</tr>
<tr>
<td>155</td>
<td>Boon Island Light</td>
<td>43-07-17.218N 070-28-35.119W</td>
<td>Fl W 5s</td>
<td>137</td>
<td>14</td>
<td>Gray conical tower, connected to dwelling. 133</td>
<td>Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 10s (2s bl). Operates continuously.</td>
</tr>
<tr>
<td>185</td>
<td>West Sister Buoy 2</td>
<td>43-03-35.893N 070-40-09.615W</td>
<td>Red nun.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>195</td>
<td>Kitts Rocks Lighted Whistle Buoy 2KR South of Kitts Rocks.</td>
<td>43-02-57.673N 070-41-27.756W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>Whaleback Light</td>
<td>43-03-31.534N 070-41-46.701W</td>
<td>Fl (2)W 10s 0.1s fl 8.4s ec. 0.1s fl 1.4s ec.</td>
<td>59</td>
<td>11</td>
<td>Gray conical tower. 59</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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</tr>
<tr>
<td>225</td>
<td>Isles of Shoals Bell Buoy IS North of Halfway Rocks.</td>
<td>42°58'52.179N 070°37'15.597W</td>
<td>Fl Y 4s</td>
<td>14</td>
<td>82</td>
<td>Red and white stripes with red spherical topmark.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>226</td>
<td>UNH Isle of Shoals CO2 Research Lighted Buoy</td>
<td>43°01'12.120N 070°32'36.420W</td>
<td>Fl W 15s</td>
<td>58</td>
<td>White conical tower.</td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>230</td>
<td>Halfway Rock Buoy 4 West of ledge.</td>
<td>42°58'41.353N 070°37'18.361W</td>
<td>Fl W 15s</td>
<td>10</td>
<td>82</td>
<td>Red nun.</td>
<td>Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl). Operates continuously.</td>
</tr>
<tr>
<td>237</td>
<td>Cedar Island Ledge Isolated Danger Buoy DC</td>
<td>42°58'24.960N 070°35'57.816W</td>
<td>Fl (5)Y 20s</td>
<td>Yellow.</td>
<td>Black and red bands with two black spherical topmarks; can.</td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>238</td>
<td>University of New Hampshire Lighted Research Wave Buoy</td>
<td>42°48'00.000N 070°10'14.880W</td>
<td>Fi (5)Y 20s</td>
<td>Yellow.</td>
<td>Private aid.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>240</td>
<td>Anderson Ledge Buoy 2</td>
<td>42°57'36.108N 070°36'08.919W</td>
<td>Fl G 6s</td>
<td>56</td>
<td>Green can.</td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>245</td>
<td>Little Boars Head Buoy 1C</td>
<td>42°57'06.736N 070°45'18.295W</td>
<td>Fl G 6s</td>
<td>56</td>
<td>Green can.</td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>250</td>
<td>Seabrook Station Buoy T7</td>
<td>42°55'15.000N 070°46'46.000W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>7s fl 2s ec. 4s fl 2s ec.</td>
<td>White with orange bands, can.</td>
<td>MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
</tr>
<tr>
<td>255</td>
<td>Breaking Rocks Buoy 2 Off northeast end of ledge.</td>
<td>42°51'52.045N 070°47'46.642W</td>
<td>Oc (2)G 15s</td>
<td>10</td>
<td>50</td>
<td>White conical tower.</td>
<td>MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
</tr>
<tr>
<td>260</td>
<td>Newburyport Harbor Light</td>
<td>42°48'54.830N 070°49'08.184W</td>
<td>Oc (2)G 15s</td>
<td>10</td>
<td>50</td>
<td>White conical tower.</td>
<td>MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
</tr>
<tr>
<td>265</td>
<td>Merrimack River Entrance Lighted Whistle Buoy MR</td>
<td>42°48'34.332N 070°47'03.181W</td>
<td>Mo (A) W</td>
<td>4</td>
<td>Red and white stripes with red spherical topmark.</td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>275</td>
<td>Flat Ground Bell Buoy 1</td>
<td>42°41'04.442N 070°34'48.155W</td>
<td>Mo (A) W</td>
<td>4</td>
<td>Red and white stripes with red spherical topmark.</td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>285</td>
<td>Dry Salvages Lighted Bell Buoy 1</td>
<td>42°40'37.123N 070°33'31.093W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>7s fl 2s ec. 4s fl 2s ec.</td>
<td>Green.</td>
<td>HORN: 1 blast ev 15s (2s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
</tr>
<tr>
<td>290</td>
<td>STRAIGHTSMOUTH LIGHT</td>
<td>42°39'44.142N 070°35'17.054W</td>
<td>Fl G 6s</td>
<td>46</td>
<td>46</td>
<td>White cylindrical tower.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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</tr>
<tr>
<td>295</td>
<td><strong>Cape Ann Light</strong></td>
<td>42-38-12.444N</td>
<td>Fl R 5s</td>
<td>166</td>
<td>17</td>
<td>166</td>
<td>Emergency light of reduced intensity when main light is extinguished.</td>
</tr>
<tr>
<td></td>
<td><strong>Cape Ann Light</strong></td>
<td>070-34-29.752W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>HORN</strong>: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td></td>
<td><strong>Cape Ann Light</strong></td>
<td>070-27-00.000W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Private aid.</td>
</tr>
<tr>
<td>300</td>
<td>Oak Rock Buoy 2</td>
<td>42-38-25.524N</td>
<td>Fl R 4s</td>
<td></td>
<td>3</td>
<td></td>
<td>Red nun.</td>
</tr>
<tr>
<td>315</td>
<td>Londoner Rock Daybeacon</td>
<td>42-38-06.444N</td>
<td>Al WR 20s</td>
<td>111</td>
<td>W 16</td>
<td>R 14</td>
<td>White conical tower. 111</td>
</tr>
<tr>
<td>325</td>
<td>Salt Island Ledge Buoy 4</td>
<td>42-37-00.177N</td>
<td>Fl R 4s</td>
<td></td>
<td></td>
<td></td>
<td>Emergency light of reduced intensity when main light is extinguished.</td>
</tr>
<tr>
<td></td>
<td><strong>Salt Island Ledge Buoy 4</strong></td>
<td>070-36-54.217W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>HORN</strong>: 1 blast ev 30s (3s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>330</td>
<td>Eastern Point Light</td>
<td>42-34-48.600N</td>
<td>Fl W 5s</td>
<td>57</td>
<td>20</td>
<td></td>
<td>Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished.</td>
</tr>
<tr>
<td></td>
<td><strong>Eastern Point Light</strong></td>
<td>070-39-52.000W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>HORN</strong>: 1 blast ev 30s (3s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>340</td>
<td>Eastern Point Lighted Whistle Buoy 2</td>
<td>42-34-14.435N</td>
<td>Fl R 4s</td>
<td></td>
<td>3</td>
<td></td>
<td>Emergency light, Fl W 10s when main light extinguished. Light and Horn is reduced intensity when main light or horn is extinguished.</td>
</tr>
<tr>
<td>350</td>
<td>Bakers Island Light</td>
<td>42-32-11.200N</td>
<td>Al WR 20s</td>
<td>111</td>
<td>W 16</td>
<td>R 14</td>
<td>White conical tower. 111</td>
</tr>
<tr>
<td>369.5</td>
<td>Neptune LNG Deepwater Port Lighted Hazard Buoy</td>
<td>42-29-07.572N</td>
<td>Fl W 4s</td>
<td></td>
<td></td>
<td>White and orange.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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</tr>
<tr>
<td>390</td>
<td>The Graves Light</td>
<td>42-21-53.600N 070-52-08.700W</td>
<td>Fl (2)W 12s</td>
<td>98</td>
<td>15</td>
<td></td>
<td>On light gray conical granite tower. Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>395</td>
<td>Three and One-Half Fathom Ledge Lighted Bell Buoy 2</td>
<td>42-21-04.975N 070-50-29.784W</td>
<td>Fl R 4s</td>
<td>4</td>
<td></td>
<td></td>
<td>Red.</td>
</tr>
<tr>
<td>420</td>
<td>Boston Approach Lighted Buoy BF NOAA 44013</td>
<td>42-20-44.014N 070-39-03.916W</td>
<td>Fi (4)Y 20s</td>
<td>7</td>
<td></td>
<td></td>
<td>Yellow. Emergency light of reduced intensity when main light is extinguished. Two emergency lights may be visible from 336° to 001° and from 156° to 181°. HORN: 1 blast ev 30s (3s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>430</td>
<td>Thieves Ledge Lighted Whistle Buoy 1</td>
<td>42-19-34.067N 070-49-49.332W</td>
<td>Q G</td>
<td>3</td>
<td></td>
<td></td>
<td>Green.</td>
</tr>
<tr>
<td>435</td>
<td>Harding Ledge Lighted Bell Buoy 1HL</td>
<td>42-18-34.188N 070-50-37.872W</td>
<td>Fl G 4s</td>
<td>4</td>
<td></td>
<td></td>
<td>Green.</td>
</tr>
<tr>
<td>440</td>
<td>Minots Ledge Light</td>
<td>42-16-11.000N 070-45-32.700W</td>
<td>Fl (1+4+3)W 46s</td>
<td>85</td>
<td>10</td>
<td></td>
<td>On gray conical tower. Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 10s (1s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td></td>
<td>Name and Location</td>
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<tr>
<td>445</td>
<td>Davis Ledge Lighted Gong Buoy 10L</td>
<td>42-16-20.893N 070-44-51.282W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>Green</td>
<td></td>
<td></td>
</tr>
<tr>
<td>450</td>
<td>Twenty-one Foot Lighted Buoy 21</td>
<td>42-16-34.762N 070-42-22.058W</td>
<td>Fl G 4s</td>
<td>4</td>
<td>Green</td>
<td></td>
<td></td>
</tr>
<tr>
<td>460</td>
<td>Scituate Approach Lighted Gong Buoy SA</td>
<td>42-12-07.545N 070-41-49.344W</td>
<td>Mo (A) W</td>
<td>4</td>
<td></td>
<td></td>
<td>AIS: MMSI 993672146 (21)</td>
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<tr>
<td>485</td>
<td>GEORGES BANK AND NANTUCKET SHOALS (Chart 13200)</td>
<td>Race Point Light</td>
<td>42-03-44.400N 070-14-34.900W</td>
<td>Fl W 10s</td>
<td>41</td>
<td>14</td>
<td>On white tower. &quot;Obscured from 220° to 292°.&quot;</td>
</tr>
<tr>
<td>496</td>
<td>GEORGES BANK AND NANTUCKET SHOALS (Chart 13200)</td>
<td>- AB-8</td>
<td>42-13-50.100N 069-58-03.120W</td>
<td>Fl Y 4s</td>
<td>Yellow</td>
<td></td>
<td>Private aid.</td>
</tr>
<tr>
<td>497</td>
<td>GEORGES BANK AND NANTUCKET SHOALS (Chart 13200)</td>
<td>- AB-9</td>
<td>42-09-23.280N 069-54-58.260W</td>
<td>Fl Y 4s</td>
<td>Yellow</td>
<td></td>
<td>Private aid.</td>
</tr>
<tr>
<td>498</td>
<td>GEORGES BANK AND NANTUCKET SHOALS (Chart 13200)</td>
<td>- AB-10</td>
<td>42-03-46.044N 069-50-55.788W</td>
<td>Fl Y 4s</td>
<td>Yellow</td>
<td></td>
<td>Private aid.</td>
</tr>
<tr>
<td>510.1</td>
<td>NAUSET BEACH LIGHT</td>
<td>41-51-36.000N 069-57-12.000W</td>
<td>Ai WR 10s</td>
<td>120</td>
<td>R</td>
<td>W</td>
<td>Conical tower, upper part red, lower part white.</td>
</tr>
<tr>
<td>520</td>
<td>Chatham Beach Lighted Whistle Buoy C</td>
<td>41-39-12.000N 069-55-30.000W</td>
<td>Mo (A) W</td>
<td>4</td>
<td></td>
<td></td>
<td>Red and white stripes with red spherical topmark.</td>
</tr>
<tr>
<td>525</td>
<td>Chatham Light</td>
<td>41-40-16.704N 069-57-00.554W</td>
<td>Fl (2)W 10s</td>
<td>80</td>
<td>24</td>
<td></td>
<td>White conical tower. Lighted throughout 24 hours. Storm warning signals displayed by day.</td>
</tr>
<tr>
<td>545</td>
<td>Nantucket (Great Point) Light</td>
<td>41-23-24.600N 070-02-53.800W</td>
<td>Fl W 5s</td>
<td>71</td>
<td>W</td>
<td>14</td>
<td>On white tower. 70 On white tower. 70 Red from 084° to 106°. Covers Cross Rip and Tuckernuck Shoals.</td>
</tr>
<tr>
<td>13650</td>
<td>Nantucket Light</td>
<td></td>
<td>(R sector)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>Remarks</td>
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<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>555</td>
<td>Sankaty Head Light</td>
<td>41-17-03.730N 069-57-57.900W</td>
<td>Fl W 7.5s</td>
<td>158</td>
<td>24</td>
<td>White tower with red band in the middle. 70</td>
<td>Lighted throughout 24 hours.</td>
</tr>
<tr>
<td>589</td>
<td>WHOI RESEARCH LIGHT TOWER</td>
<td>41-19-30.000N 070-34-00.000W</td>
<td>Fl Y 4s</td>
<td></td>
<td></td>
<td>Steel tripod with mast.</td>
<td>Horn. Private aid. Private aid.</td>
</tr>
</tbody>
</table>

**APPROACHES TO NEW YORK - NANTUCKET SHOALS TO FIVE FATHOM BANK (Chart 12300)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
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</tr>
</thead>
<tbody>
<tr>
<td>595</td>
<td>Squibnocket Shoal Buoy 2</td>
<td>41-17-44.988N 070-48-07.794W</td>
<td>Fl G 4s</td>
<td>3</td>
<td></td>
<td>Green.</td>
<td></td>
</tr>
<tr>
<td>600</td>
<td>Old Man Ledge Buoy 3</td>
<td>41-17-04.379N 070-48-35.764W</td>
<td>Fl G 4s</td>
<td>3</td>
<td></td>
<td>Yellow.</td>
<td></td>
</tr>
<tr>
<td>605</td>
<td>Lone Rock Buoy 5</td>
<td>41-17-18.317N 070-49-17.866W</td>
<td>Al WR 15s</td>
<td>175</td>
<td>24</td>
<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>620</td>
<td>Gay Head Light</td>
<td>41-20-54.420N 070-50-03.676W</td>
<td>0.2s W fl 7.3s ec.</td>
<td>68</td>
<td>24</td>
<td>Red brick tower.</td>
<td>Obscured from 342º to 359º by Nomans Land; light occasionally visible through notches in hilltop. Emergency light (Fl W 6s) of reduced intensity when main light is extinguished. Lighted throughout 24 hours.</td>
</tr>
<tr>
<td>630</td>
<td>Buzzards Bay Entrance Light</td>
<td>41-23-49.118N 071-02-04.866W</td>
<td>Fl W 2.5s</td>
<td>67</td>
<td>20</td>
<td>Tower on red square on 3 red piles with large tube in center, worded BUZZARDS on sides. 68</td>
<td>RACON: 8 (- . . .) HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-2s si). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
</tr>
</tbody>
</table>

**SEACOAST (Rhode Island) - First District**

**APPROACHES TO NEW YORK - NANTUCKET SHOALS TO FIVE FATHOM BANK (Chart 12300)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>640</td>
<td>Block Island Southeast Light</td>
<td>41-09-10.373N 071-33-04.196W</td>
<td>Fl G 5s</td>
<td>261</td>
<td>20</td>
<td>Red-brick octagonal, pyramidal tower attached to dwelling. 67</td>
<td>Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Emergency light is offset from main light. HORN: 1 blast ev 30s (3s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
</tr>
</tbody>
</table>

**SEACOAST (Massachusetts) - First District**

**APPROACHES TO NEW YORK - NANTUCKET SHOALS TO FIVE FATHOM BANK (Chart 12300)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
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<th>Height</th>
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<th>Remarks</th>
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<tbody>
<tr>
<td>645</td>
<td>WHOI Research Lighted Buoy DMON</td>
<td>41-08-49.000N 070-56-41.000W</td>
<td>Fl Y 4s</td>
<td></td>
<td></td>
<td>Yellow.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>647</td>
<td>Caribbean Wind Lighted Research Buoy BW2</td>
<td>41-07-09.300N 070-35-03.900W</td>
<td>Fl Y 4s</td>
<td></td>
<td></td>
<td>Yellow.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
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<td>Height</td>
<td>Range</td>
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<td>Remarks</td>
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</tr>
<tr>
<td>650</td>
<td>Southwest Ledge Lighted Whistle Buoy 2</td>
<td>41-06-22.649N</td>
<td>Fl R 2.5s 4</td>
<td>Red</td>
<td></td>
<td></td>
<td>Maintenance by Deepwater Wind RI.</td>
</tr>
<tr>
<td>652</td>
<td>BLOCK ISLAND WIND FARM W TG-1</td>
<td>41-07-32.740N</td>
<td>Q Y</td>
<td></td>
<td></td>
<td></td>
<td>Maintenance by Deepwater Wind RI.</td>
</tr>
<tr>
<td>653</td>
<td>BLOCK ISLAND WIND FARM W TG-2</td>
<td>41-07-11.570N</td>
<td>Q Y</td>
<td></td>
<td></td>
<td></td>
<td>Maintenance by Deepwater Wind RI.</td>
</tr>
<tr>
<td>654</td>
<td>BLOCK ISLAND WIND FARM W TG-3</td>
<td>41-06-52.960N</td>
<td>Q Y</td>
<td></td>
<td></td>
<td></td>
<td>Maintenance by Deepwater Wind RI.</td>
</tr>
<tr>
<td>654.5</td>
<td>Block Island Wind Farm W TG-3 Fog Horn</td>
<td>41-06-52.960N</td>
<td>Q Y</td>
<td></td>
<td></td>
<td></td>
<td>Maintenance by Deepwater Wind RI.</td>
</tr>
<tr>
<td>656</td>
<td>BLOCK ISLAND WIND FARM W TG-4</td>
<td>41-06-36.540N</td>
<td>Q Y</td>
<td></td>
<td></td>
<td></td>
<td>Maintenance by Deepwater Wind RI.</td>
</tr>
<tr>
<td>657</td>
<td>BLOCK ISLAND WIND FARM W TG-5</td>
<td>41-06-22.790N</td>
<td>Q Y</td>
<td></td>
<td></td>
<td></td>
<td>Maintenance by Deepwater Wind RI.</td>
</tr>
<tr>
<td>657.5</td>
<td>AXYS Technologies Research Lighted Bell Buoy SFW</td>
<td>41-05-16.000N</td>
<td>Fl Y 4s</td>
<td>Yellow</td>
<td></td>
<td></td>
<td>Maintenance by Deepwater Wind RI.</td>
</tr>
<tr>
<td>658</td>
<td>Vineyard Wind Lighted Research Buoy VWM-01</td>
<td>41-04-21.317N</td>
<td>Fl Y 2.5s</td>
<td>Yellow</td>
<td></td>
<td></td>
<td>Maintenance by Deepwater Wind RI.</td>
</tr>
<tr>
<td>658.1</td>
<td>Vineyard Wind Lighted Research Buoy VWM-02</td>
<td>41-00-23.137N</td>
<td>Fl Y 2.5s</td>
<td>Yellow</td>
<td></td>
<td></td>
<td>Maintenance by Deepwater Wind RI.</td>
</tr>
<tr>
<td>660</td>
<td>Montauk Point Light</td>
<td>41-04-15.480N</td>
<td>Fl W 5s 168</td>
<td></td>
<td>14</td>
<td>White conical tower with red stripe. 168</td>
<td>Emergency light Fl W 5s when main light is extinguished. MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes. HORN: 1 blast ev 20s (2s bl). Private aid.</td>
</tr>
<tr>
<td>665</td>
<td>NOAA Data Lighted Buoy NOAA 44917</td>
<td>40-41-34.225N</td>
<td>Fl (4)Y 20s</td>
<td>Yellow</td>
<td></td>
<td></td>
<td>Maintenance by National Oceanic and Atmospheric Administration.</td>
</tr>
<tr>
<td>670</td>
<td>Shinnecock Inlet Approach Lighted Whistle Buoy SH</td>
<td>40-49-00.161N</td>
<td>Mo (A) W</td>
<td></td>
<td>4</td>
<td>Red and white stripes with red spherical topmark.</td>
<td>AIS: MMSI 993672147 (21)</td>
</tr>
</tbody>
</table>
### SEACOAST (New York) - First District

**APPROACHES TO NEW YORK - NANTUCKET SHOALS TO FIVE FATHOM BANK (Chart 12300)**

<table>
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<th>No.</th>
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<tbody>
<tr>
<td>675</td>
<td>Shinnecock Light</td>
<td>40-50-31.401N</td>
<td>Fl (2)W 15s</td>
<td>75</td>
<td>11</td>
<td>Skeleton tower.</td>
<td>Lighted Whistle Buoy M.</td>
</tr>
<tr>
<td>695</td>
<td>Fire Island Light</td>
<td>40-37-56.790N</td>
<td>Fl W 7.5s</td>
<td>167</td>
<td>167</td>
<td>Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Private aid.</td>
<td></td>
</tr>
</tbody>
</table>

### SEACOAST (Massachusetts) - First District

**APPROACHES TO NEW YORK - NANTUCKET SHOALS TO FIVE FATHOM BANK (Chart 12300)**

<table>
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<tr>
<th>No.</th>
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<tbody>
<tr>
<td>725</td>
<td>NOAA Data Lighted Buoy 44005</td>
<td>40-22-10.000N</td>
<td>Fl (4)Y 20s</td>
<td>4</td>
<td></td>
<td></td>
<td>Aid maintained by National Oceanic and Atmospheric Administration.</td>
</tr>
</tbody>
</table>

### SEACOAST (New Jersey) - First District

**APPROACHES TO NEW YORK - NANTUCKET SHOALS TO FIVE FATHOM BANK (Chart 12300)**

<table>
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<tr>
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### SEACOAST (Atlantic Ocean)

**CAPE SABLE TO CAPE HATTERAS (Chart 13003)**

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<tr>
<td>825</td>
<td>NOAA Data Lighted Buoy 44011 (ODAS)</td>
<td>41-04.12.000N 066-35.16.000W</td>
<td>Fl (4)Y 20s</td>
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<td>827</td>
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<td>Marked &quot;NOAA&quot; and &quot;44005&quot;. Private aid.</td>
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**NEW BRUNSWICK - GRAND MANAN CHANNEL NORTHERN PART (Chart 13394)**

|        | West Quoddy Head Bell Buoy WQ | 44-49-24.947N 066-56-41.374W | Fl W 6s | 53 6 | White conical tower on black cylindrical pier. | HORN: 1 blast ev 15s (2s bl). |
|        | Wormell Ledges Buoy 1A | 44-49-26.178N 066-57-54.540W | Fl W 6s | 53 6 | White conical tower on black cylindrical pier. | HORN: 1 blast ev 15s (2s bl). |
|        | Quoddy Roads Buoy 2 | 44-49-38.708N 066-57-47.999W | Fl W 6s | 53 6 | White conical tower on black cylindrical pier. | HORN: 1 blast ev 15s (2s bl). |

**Lubec Channel**

|        | Buoy 3 | 44-50-34.668N 066-58-36.152W | Fl W 6s | 53 6 | White conical tower on black cylindrical pier. | HORN: 1 blast ev 15s (2s bl). |
|        | Buoy 8 | 44-51-56.556N 066-58-55.242W | Fl W 6s | 53 6 | White conical tower on black cylindrical pier. | HORN: 1 blast ev 15s (2s bl). |

**NEW BRUNSWICK - GRAND MANAN CHANNEL NORTHERN PART (Chart 13394)**


**NEW BRUNSWICK - PASSAMAQUODDY BAY AND ST. CROIX RIVER (Chart 13398)**

**St. Croix River**

Floating aids maintained from 1 Apr. to 1 Nov.

|        | Lighted Buoy 11 | 45-06-47.275N 067-03-03.945W | Fl G 2.5s | 4 | Green. | |
|        | LIGHT | 45-07-41.673N 067-08-01.748W | Fl W 2.5s | 101 7 | White skeleton tower surmounted by platform. | Higher intensity beam towards Todds Point. |
|        | Buoy 17 | 45-09-48.957N 067-10-05.514W | Fl G 4s | 4 | Green. | |

<p>| | | | | | | | |
|        |                      |              |                   |           |           |               |            |
|        |                      |              |                   |           |           |               |            |
|        |                      |              |                   |           |           |               |            |</p>
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<tr>
<td>970</td>
<td>- Lighted Buoy 19</td>
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<tr>
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<tr>
<td>985</td>
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<td>Iso G 6s</td>
<td>32</td>
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<tr>
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<td>- Buoy 27</td>
<td>45-09-58.970N 067-13-53.088W</td>
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<td>995</td>
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### NEW BRUNSWICK - PASSAMAQUODDY BAY AND ST. CROIX RIVER (Chart 13398)

#### St. Croix River

Floating aids maintained from 1 Apr. to 1 Nov.

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<td>45-10-15.368N 067-12-12.597W</td>
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<td>Maintained from 1 Apr. to 1 Nov.</td>
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<td>Iso G 6s</td>
<td>32</td>
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### NEW BRUNSWICK - GRAND MANAN CHANNEL NORTHERN PART (Chart 13394)

#### Cobscook Bay

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### Pennamaquan River

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<td>West Quoddy Head Light</td>
<td>44-48-54.387N</td>
<td>Fl (2)W 15s 2s fl 1s 2s fl 9s ec.</td>
<td>83</td>
<td>18</td>
<td>White tower with red stripes. 49</td>
<td>Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). MRASS -Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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<td>1045</td>
<td>Sail Rock Lighted Whistle Buoy 1</td>
<td>44-48-37.850N</td>
<td>Fl G 4s</td>
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<td>Baileys Mistake Entrance Buoy 1</td>
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<td>- Light</td>
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<td>1105</td>
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<td>1120</td>
<td>- Light</td>
<td>44-34-05.985N</td>
<td>Fl (2)W 20s</td>
<td>91</td>
<td>18</td>
<td>White tower. 42</td>
<td>Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 15s (1s bl). MRASS -Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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<td><strong>MACHIAS BAY TO TIBBETT NARROWS (Chart 13326)</strong></td>
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<td>1140</td>
<td>Seashore Ledge Buoy 5</td>
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<td>Little Breaking Ledge Lighted Gong Buoy 1</td>
<td>44-30-40.982N 067-30-11.743W</td>
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<td>Great Bar Buoy 7</td>
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<td>Two Hour Rock Buoy 7</td>
<td>44-31-44.244N 067-33-42.41W</td>
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<td>- Buoy 10</td>
<td>44-31-47.133N 067-34-00.493W</td>
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<td>Little Ledge Buoy 11</td>
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<td>1325</td>
<td>Snows Rock Daybeacon 13 On ledge.</td>
<td>44-31-38.239N 067-34-22.373W</td>
<td>SG on iron spindle.</td>
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<td>1335</td>
<td>Horse Ledge Lighted Buoy 17</td>
<td>44-31-40.394N 067-35-12.584W</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Green.</td>
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<tr>
<td>1340</td>
<td>SAWYERS COVE LIGHT 18</td>
<td>44-31-47.198N 067-35-38.457W</td>
<td>Fl R 4s</td>
<td>28</td>
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<td>TR on tower on end of breakwater.</td>
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<td>Cummings Ledge Buoy 18A</td>
<td>44-31-33.373N 067-36-41.066W</td>
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<td>- Buoy 20</td>
<td>44-31-17.025N 067-38-38.880W</td>
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### MAINE - First District

#### MACHIAS BAY TO TIBBETT NARROWS (Chart 13326)

**Moosabec Reach**

<table>
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<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| 1370| Shabbet Island Buoy       | 44-30-25.444 N 067-41-11.281 W | Fl W 30s | 72 | 20 | On white tower.                  | Emergency light of reduced intensity when main light is extinguished.  
HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Located 129 yards, 263° from light tower.  
Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz.  
Key microphone 5 times consecutively, to activate fog signal for 45 minutes. |
| 1375| Ram Island Ledge Lighted  | 44-29-42.283 N 067-42-14.885 W | Fl Y 12s | 5 | Green. | North from ledge.          |                                                                                   |

**Eastern Bay**

<table>
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<th>No.</th>
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<tr>
<td>1395</td>
<td>Mistake Harbor Buoy 1</td>
<td>44-29-13.656 N 067-33-08.739 W</td>
<td>Fl Y 12s</td>
<td>5</td>
<td>Green.</td>
<td>On white tower.</td>
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<tr>
<td>1401.3</td>
<td>Cooke Aquaculture Lighted Buoy NW</td>
<td>44-29-41.040 N 067-33-23.760 W</td>
<td>Fl Y 12s</td>
<td>5</td>
<td>Green.</td>
<td>On white tower.</td>
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<tr>
<td>1405</td>
<td>Channel Rock Daybeacon 4 On ledge.</td>
<td>44-30-05.502 N 067-33-50.010 W</td>
<td>Fl Y 12s</td>
<td>5</td>
<td>Green.</td>
<td>On white tower.</td>
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<tr>
<td>1409</td>
<td>SPECTACLE ISLAND AQUACULTURE LIGHTS (3)</td>
<td>44-30-15.300 N 067-34-28.000 W</td>
<td>Q Y</td>
<td>5</td>
<td>Green.</td>
<td>On floating fish pens.</td>
<td>Three or more lights marking aquaculture structures of varying sizes and shapes in a charted fish pen area. Private aid.</td>
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<tr>
<td>1410</td>
<td>Spectacle Island Buoy 5</td>
<td>44-30-20.324 N 067-33-56.401 W</td>
<td>Fl Y 12s</td>
<td>5</td>
<td>Green.</td>
<td>On white tower.</td>
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<tr>
<td>1420</td>
<td>Sheep Island Buoy 7</td>
<td>44-31-04.384 N 067-33-43.337 W</td>
<td>Fl Y 12s</td>
<td>5</td>
<td>Green.</td>
<td>On white tower.</td>
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**Pig Island Gut**

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<tbody>
<tr>
<td>1425</td>
<td>Buoy 2</td>
<td>44-30-49.364 N 067-34-35.182 W</td>
<td>Fl Y 12s</td>
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<td>Buoy 5</td>
<td>44-31-01.084 N 067-34-51.412 W</td>
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<tr>
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<td>Buoy 6</td>
<td>44-31-02.234 N 067-34-51.933 W</td>
<td>Fl Y 12s</td>
<td>5</td>
<td>Green.</td>
<td>On white tower.</td>
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MAINE - First District

### MACHIAS BAY TO TIBBETT NARROWS (Chart 13326)

#### Pig Island Gut

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<tbody>
<tr>
<td>1455</td>
<td>Buoy 12</td>
<td>44-31-01.984N</td>
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<tr>
<td>1460</td>
<td>Buoy 14</td>
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#### Western Bay

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<tr>
<td>1465</td>
<td>Seahorse Lighted Bell Buoy 2SR</td>
<td>44-25-44.948N</td>
<td>Fi R 4s</td>
<td>Red</td>
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<td>1470</td>
<td>Duck Ledges Buoy 1</td>
<td>44-30-00.283N</td>
<td>Green can.</td>
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<tr>
<td>1475</td>
<td>Pomp Island Ledge Daybeacon 2</td>
<td>44-30-24.294N</td>
<td>TR on spindle.</td>
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<tr>
<td>1480</td>
<td>Hardwood Island Daybeacon 3</td>
<td>44-30-48.984N</td>
<td>SG on spindle.</td>
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<td>1485</td>
<td>Salt Rock Daybeacon 4</td>
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<td>TR on spindle.</td>
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### TIBBETT NARROWS TO SCHOODIC ISLAND (Chart 13324)

#### Eastern Harbor

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<th>Name and Location</th>
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<tbody>
<tr>
<td>1490</td>
<td>Buoy 1</td>
<td>44-29-42.213N</td>
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<td>1495</td>
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<td>44-29-41.853N</td>
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<td>1500</td>
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<td>1505</td>
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#### Pleasant Bay

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<tbody>
<tr>
<td>1515</td>
<td>Coles Ledge Buoy 1</td>
<td>44-28-45.083N</td>
<td>Green can.</td>
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<td>Norton Island Buoy 2</td>
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<td>1530</td>
<td>Bunker Ledge Buoy 3</td>
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<td>1535</td>
<td>Harthorne Ledge Buoy 5</td>
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<td>1536</td>
<td>CG Mooring Buoy</td>
<td>44-31-54.780N</td>
<td>White and blue stripe, can.</td>
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#### Pleasant River

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<th>Height</th>
<th>Range</th>
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<th>Remarks</th>
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<tbody>
<tr>
<td>1540</td>
<td>Buoy 6</td>
<td>44-34-15.779N</td>
<td>Red nun.</td>
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<td>Maintained from May 1 to Nov. 15.</td>
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<tr>
<td>1545</td>
<td>Buoy 7</td>
<td>44-34-36.730N</td>
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<td>Buoy 10</td>
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<td>1580</td>
<td>Buoy 17</td>
<td>44-36-24.576N 067-44-41.346W</td>
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<td>Strout Island Buoy</td>
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<td>Jerry Ledge Buoy 1</td>
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<td>Lower Middle Ground Buoy 5</td>
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<td>Trafton Halftide Ledge Daybeacon 6</td>
<td>44-29-56.568N 067-50-06.972W</td>
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<td>44-31-57.366N 067-52-08.955W</td>
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<td>Buoy 17</td>
<td>44-32-32.832N</td>
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<td>1735</td>
<td>Petit Manan Light</td>
<td>44-22-03.290N</td>
<td>Fl W 10s</td>
<td>123</td>
<td>19</td>
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<td>Gray granite tower. 109</td>
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<td>1745</td>
<td>Petit Manan Reef Buoy 2</td>
<td>44-21-35.630N</td>
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<tr>
<td>1750</td>
<td>Tibbett Rock Isolated Danger Buoy DT South-southwest of rock.</td>
<td>44-23-04.289N 067-47-10.488W</td>
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<td>Black and red bands with two black spherical topmarks; can.</td>
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<tr>
<td>1755</td>
<td>Tibbett Rock South Isolated Danger Buoy DTS</td>
<td>44-22-29.340N 067-46-27.536W</td>
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<td>Black and red bands with two black spherical topmarks; can.</td>
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<tr>
<td>1760</td>
<td>Whale Ledge Buoy 4</td>
<td>44-23-40.469N</td>
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<td>1765</td>
<td>Petit Manan East Bar Gong Buoy EB</td>
<td>44-23-06.729N</td>
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<td>Red and white stripes.</td>
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<tr>
<td>1770</td>
<td>Petit Manan West Bar Bell Buoy WB</td>
<td>44-22-58.880N</td>
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<td>Red and white stripes with red spherical topmark.</td>
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<tr>
<td>1775</td>
<td>Moulton Ledge Lighted Bell Buoy ML West of ledge.</td>
<td>44-21-50.657N 067-56-18.339W</td>
<td>Fl (2+1)R 6s</td>
<td>3</td>
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<td>Red and green bands.</td>
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<tr>
<td>1777</td>
<td>Little Black Ledge Buoy 1LB</td>
<td>44-22-05.500N</td>
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<td>1780</td>
<td>Cranberry Point Bell Buoy 2CP</td>
<td>44-22-46.289N</td>
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<tr>
<td>1785</td>
<td>POINT LIGHT</td>
<td>44-24-12.088N</td>
<td>Fl R 6s (2 W sectors)</td>
<td>42</td>
<td>W 9 W 9 R 7</td>
<td>White conical tower.</td>
<td>White from 317° to 323° and from 348° to 356°, covers fairway. Lighted throughout 24 hours.</td>
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<td>1790</td>
<td>Old Woman Ledge Bell Buoy 2</td>
<td>44-22-12.060N</td>
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<td>1800</td>
<td>Washrock Ledge Gong Buoy 2</td>
<td>44-23-10.370N</td>
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<tr>
<td>1805</td>
<td>Bunker Harbor Ledge Buoy 1 East of ledge.</td>
<td>44-22-04.190N 068-01-05.203W</td>
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<td>Green can.</td>
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<td>1810</td>
<td>Clark Ledges Gong Buoy 3</td>
<td>44-23-44.848N</td>
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<td>Green.</td>
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<td>Name and Location</td>
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<td>Range</td>
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<tr>
<td>1820</td>
<td>Schoodic Lighted Bell Buoy 2S</td>
<td>44-19-07.102N 068-02-06.774W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>Red.</td>
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<td>1825</td>
<td>Schoodic Island Buoy 1</td>
<td>44-20-15.449N 068-02-06.740W</td>
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**FRENCHMAN AND BLUEHILL BAYS AND APPROACHES (Chart 13312)**

**Frenchman Bay**

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<th>No.</th>
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<th>Structure</th>
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<tr>
<td>1840</td>
<td>Otter Cliff Ledge Buoy 1</td>
<td>44-18-30.820N 068-10-54.611W</td>
<td></td>
<td></td>
<td></td>
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<td>0.1 mile southeast of ledge.</td>
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<td>1845</td>
<td>Schooner Head Lighted Gong Buoy 3</td>
<td>44-20-05.619N 068-10-03.299W</td>
<td>Fl G 4s</td>
<td>4</td>
<td>Green.</td>
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<td>1850</td>
<td>Egg Rock Lighted Bell Buoy 4</td>
<td>44-20-15.639N 068-08-35.124W</td>
<td>Fl R 2.5s</td>
<td>3</td>
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<td>Turtle Island Ledge Gong Buoy 2</td>
<td>44-20-51.520N 068-06-09.187W</td>
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<tr>
<td>1865</td>
<td>Egg Rock Light</td>
<td>44-21-14.188N 068-08-18.030W</td>
<td>Fl R 5s</td>
<td>64</td>
<td>18</td>
<td>White tower.</td>
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<tr>
<td>1866</td>
<td>Egg Rock Light Station CG Mooring Buoy</td>
<td>44-21-17.248N 068-08-26.829W</td>
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<td>White ball with blue band marked CG.</td>
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<td>1870</td>
<td>Newport Ledge Buoy 5</td>
<td>44-21-16.288N 068-19-34.041W</td>
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<td>Green can.</td>
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<tr>
<td>1875</td>
<td>BALD PORCUPINE ISLAND BREAKWATER LIGHT</td>
<td>44-22-57.938N 068-11-33.900W</td>
<td>Q W</td>
<td>20</td>
<td>3</td>
<td>NW on spindle worded DANGER SUBMERGED BREAKWATER.</td>
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<td>1876</td>
<td>Bar Harbor Entrance Buoy 2</td>
<td>44-23-34.850N 068-11-55.360W</td>
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<td>1876.5</td>
<td>Bar Harbor Lighted No Wake Buoy A</td>
<td>44-23-32.000N 068-11-57.000W</td>
<td>Fl W 4s</td>
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<td>White with orange bands.</td>
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<td>Bar Island Buoy 1</td>
<td>44-24-01.690N 068-11-56.210W</td>
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<td>1879</td>
<td>Bar Island Lighted Buoy 2</td>
<td>44-24-01.680N 068-11-54.260W</td>
<td>Fl R 4s</td>
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<tbody>
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<td>1890</td>
<td>Bald Rock Buoy 9</td>
<td>44-25-22.364N 068-12-35.857W</td>
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<td>Green can.</td>
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<td>1895</td>
<td>Hulls Cove Buoy 4</td>
<td>44-24-42.784N 068-14-19.052W</td>
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<td>Red nun.</td>
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<tr>
<td>1915</td>
<td>Mark Island Junction Lighted Gong Buoy 1</td>
<td>44-21-29.289N 068-05-07.024W</td>
<td>Fl W 10s 105</td>
<td></td>
<td>Green can with red bands.</td>
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<td>Grindstone Ledge Daybeacon</td>
<td>44-22-10.588N 068-05-16.825W</td>
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<td>NG on iron spindle.</td>
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<td>Harbor Point Buoy 3</td>
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<td>Cod Ledges Buoy 7</td>
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<td>44-29-47.570N 068-12-49.639W</td>
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<td>Low Water Rock Daybeacon 8</td>
<td>44-29-52.070N 068-12-31.608W</td>
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<td>TR on iron spindle.</td>
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<td>2030</td>
<td>Moon Ledge Buoy 9</td>
<td>44-30-41.330N 068-12-20.668W</td>
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<td>Green can.</td>
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<tr>
<td>2040</td>
<td>- Buoy 1</td>
<td>44-14-17.295N 068-11-17.800W</td>
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<td>- Ledge Buoy 3</td>
<td>44-14-55.292N 068-11-35.042W</td>
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<td></td>
<td>Green can.</td>
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<tr>
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<tr>
<td>2065</td>
<td>East Bunker Lighted Gong Buoy 2</td>
<td>44-16-32.291N</td>
<td>Fl R 4s</td>
<td>4</td>
<td></td>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>2070</td>
<td>East Bunker Ledge Daybeacon</td>
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**Western Way**

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**APPROACHES TO BLUE HILL BAY (Chart 13313)**

**Blue Hill Bay Approach**

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<td>2290</td>
<td>Mount Desert Light 5</td>
<td>43-58-07.010N</td>
<td>Fi W 15s</td>
<td>75</td>
<td>14</td>
<td>Granite conical tower.</td>
<td>65 Horn: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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<tr>
<td>2291</td>
<td>Mount Desert Light Station Mooring Buoy</td>
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<td>Great Duck Island Light</td>
<td>44-08-31.297N</td>
<td>Fi R 5s</td>
<td>67</td>
<td>19</td>
<td>White tower.</td>
<td>36 Light partially obscured by trees from about 143° to 206.5°. Emergency light of reduced intensity when main light is extinguished. Horn: 1 blast ev 15s (2s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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**MAINE - First District**
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<td>Oc R 4s</td>
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<td>2428</td>
<td>Hardwood Island Aquaculture Buoy C</td>
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<td>2435</td>
<td>Darling Ledge Buoy 8</td>
<td>44-23-40.021N 068-30-47.827W</td>
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<td>2436</td>
<td>Grays Mussel Farm</td>
<td>44-22-44.040N 068-29-45.480W</td>
<td>Fl W 30s</td>
<td>White with orange bands.</td>
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<tr>
<td>2460</td>
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<td>44-31-29.708N 068-25-37.728W</td>
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<td>- Buoy 11</td>
<td>44-31-57.114N 068-25-23.832W</td>
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<td>2475</td>
<td>- Buoy 12</td>
<td>44-11-34.882N 068-25-47.509W</td>
<td>Fl G 4s</td>
<td>5</td>
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<tr>
<td>APPROACHES TO BLUE HILL BAY (Chart 13313)</td>
<td>44-11-12.956N 068-25-38.037W</td>
<td>Red nun.</td>
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<td>2480</td>
<td>North Point Lighted Gong Buoy 1</td>
<td>44-11-12.956N 068-25-38.037W</td>
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<td>Casco Passage</td>
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<td>Long Ledge</td>
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<td>2540</td>
<td>Orono Point Day beacon 1A</td>
<td>44-11-34.882N 068-25-47.509W</td>
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<td>2545</td>
<td>- Buoy 2</td>
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MAINE - First District
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<td>2555</td>
<td>Hawley Ledge Buoy 5</td>
<td>44-11-11.329N 068-28-20.634W</td>
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<td>Hawley Ledge Buoy 7</td>
<td>44-11-10.468N 068-28-43.314W</td>
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<td>Lighted Bell Buoy 8</td>
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**BLUE HILL BAY (Chart 13316)**

### Pond Island Passage

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<tr>
<td>2575</td>
<td>Buoy 1</td>
<td>44-14-20.199N 068-28-44.935W</td>
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### Western Passage

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<td>2590</td>
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<td>2595</td>
<td>BLUE HILL BAY LIGHT 3</td>
<td>44-14-55.388N 068-29-51.686W Fl G 4s 21 5</td>
<td>SG on skeleton tower.</td>
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<td>2600</td>
<td>Flye Island Channel Bell Buoy FI</td>
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<td>Red and white stripes with red spherical topmark.</td>
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**Maine Cultured Mussels Long Island East Aquaculture**

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### Western Passage

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<td>2620</td>
<td>Harriman Ledge Buoy 9</td>
<td>44-18-02.119N 068-31-20.709W</td>
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### Morgan Bay

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**Blue Hill Harbor**

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<td>44-24-04.770N 068-33-17.442W</td>
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<td>2645</td>
<td>Buoy 5</td>
<td>44-24-11.378N 068-33-39.717W</td>
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<td>Seal Ledge Buoy 1</td>
<td>44-05-04.089N</td>
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<td>9</td>
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<td>Johns Island Sunken Ledge Buoy J</td>
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<td>Oc W 4s</td>
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<td>Drunkard Ledge Buoy 1</td>
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<td>West Halibut Rock Buoy 4</td>
<td>44-07-58.295N</td>
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<td>HALIBUT ROCKS LIGHT On northerly rock.</td>
<td>44-08-02.944N</td>
<td>Fi W 6s</td>
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<td>NR on skeleton tower.</td>
<td>HORN: 1 blast ev 10s (1s bl).</td>
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<td>Whaleback Ledge Isolated Danger Buoy DW</td>
<td>44-09-14.907N</td>
<td>Black and red bands with two black spherical tomark; can</td>
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<td>2760</td>
<td>Saddleback Island Bell Buoy SI</td>
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<td>- Buoy 2</td>
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**BLUE HILL BAY (Chart 13316)**

**Eggemoggin Reach**

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<tr>
<td>2825</td>
<td>Eggemoggin Eastern Bell Buoy EE</td>
<td>44-12-44.980N 068-32-18.340W</td>
<td>Red and white stripes with red spherical topmark.</td>
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<td>Hay Island Ledge Buoy 4 West of ledge.</td>
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<td>Devils Head Ledge Buoy 6</td>
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**Center Harbor**

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**Eggemoggin Reach**

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<td>2885</td>
<td>Benjamin River Buoy 3</td>
<td>44-17-18.383N 068-37-40.388W</td>
<td>Green can.</td>
<td>Maintained from May 15 to Nov. 15.</td>
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</table>

**PENOBSCOT RIVER (Chart 13309)**

**Eggemoggin Reach**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2915</td>
<td>The Triangles Buoy 23 North of 2 foot shoal.</td>
<td>44-18-50.632N 068-44-05.761W</td>
<td>Green can.</td>
<td></td>
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<tr>
<td>2920</td>
<td>The Triangles Buoy 25 At western edge of ledge.</td>
<td>44-18-47.552N 068-44-18.351W</td>
<td>Green can.</td>
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<td>No.</td>
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<tr>
<td>2931</td>
<td>Buck's Harbor East Channel Buoy 1</td>
<td>44-20-02.880N</td>
<td>Green can.</td>
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<td>Private aid.</td>
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<tr>
<td>2940</td>
<td>Horseshoe Cove Buoy 3</td>
<td>44-19-54.720N</td>
<td>Green can.</td>
<td></td>
<td></td>
<td>Maintained from May 1 to Nov. 1.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>2945</td>
<td>Horseshoe Cove Daybeacon 5</td>
<td>44-19-57.960N</td>
<td>SG on spindle.</td>
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<td>Maintained from May 1 to Nov. 1.</td>
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<tr>
<td>2960</td>
<td>Pumpkin Island Ledge Buoy 27</td>
<td>44-18-41.417N</td>
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<tr>
<td>2990</td>
<td>Bell Buoy ER</td>
<td>44-18-00.112N</td>
<td>Red and white stripes with red spherical topmark.</td>
<td></td>
<td></td>
<td>Private aid.</td>
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**APPROACHES TO BLUE HILL BAY (Chart 13313)**

**Deer Island Thorofare**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
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<tbody>
<tr>
<td>2995</td>
<td>Potato Ledge Buoy 5</td>
<td>44-10-35.382N</td>
<td>Green can.</td>
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<td>Private aid.</td>
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<tr>
<td>3000</td>
<td>Lazygut Ledge Buoy 6</td>
<td>44-10-34.952N</td>
<td>Red nun.</td>
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<td>Private aid.</td>
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<tr>
<td>3005</td>
<td>Eastern Mark Island Ledge Buoy 7</td>
<td>44-10-22.042N</td>
<td>Green can.</td>
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<td>3010</td>
<td>Haycock Rock Daybeacon 9</td>
<td>44-10-07.991N</td>
<td>SG on iron spindle.</td>
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<tr>
<td>3020</td>
<td>Haskell Ledge Buoy 12</td>
<td>44-09-57.372N</td>
<td>Red nun.</td>
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**Bold Island**

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<tr>
<td>3025</td>
<td>- East Ledge Buoy 11</td>
<td>44-09-45.352N</td>
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<td>3030</td>
<td>- Buoy 1</td>
<td>44-09-23.732N</td>
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<td>3032</td>
<td>- Ledges Warning Buoy</td>
<td>44-09-35.106N</td>
<td>White can with orange bands worded ROCK.</td>
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<td>3035</td>
<td>- Western Buoy 3</td>
<td>44-09-29.240N</td>
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<td>3040</td>
<td>- Western Ledge Buoy 13 North end of shoal.</td>
<td>44-09-41.382N</td>
<td>Green can.</td>
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**Deer Island Thorofare**

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<td>3050</td>
<td>Roebuck Ledge Buoy 15</td>
<td>44-09-11.028N</td>
<td>Green can.</td>
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### APPROACHES TO BLUE HILL BAY (Chart 13313)

#### Deer Island Thorofare

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<th>No.</th>
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<tbody>
<tr>
<td>3065</td>
<td>Peggy’s Island Ledge Buoy 19</td>
<td>44-08-57.456N 068-40-12.354W</td>
<td>Fl W 6s</td>
<td>52</td>
<td>8</td>
<td>Green can.</td>
<td>Green can.</td>
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<td>3075</td>
<td>Crotch Island Buoy 23</td>
<td>44-08-47.493N 068-40-40.775W</td>
<td>Fl W 6s</td>
<td>52</td>
<td>8</td>
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<td>3085</td>
<td>Crotch Island Daybeacon 25</td>
<td>44-08-30.696N 068-41-04.986W</td>
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<td>52</td>
<td>8</td>
<td>Green can.</td>
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<td>3090</td>
<td>Field Ledge Buoy 27</td>
<td>44-08-24.922N 068-41-34.116W</td>
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<td>Green can.</td>
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<tr>
<td>3100</td>
<td>West Mark Island Ledge Buoy 2</td>
<td>44-08-12.001N 068-43-05.819W</td>
<td>Fl W 6s</td>
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<td>8</td>
<td>Red nun.</td>
<td>Green can.</td>
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#### Oceanville Approach

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<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>3110</td>
<td>Whaleback Ledge Buoy 1</td>
<td>44-11-17.269N 068-36-24.848W</td>
<td>Fl W 6s</td>
<td>52</td>
<td>8</td>
<td>Green can.</td>
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#### Crotch Island Passage

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<th>Structure</th>
<th>Remarks</th>
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<tr>
<td>3125</td>
<td>Two Bush Island Point Buoy 3</td>
<td>44-08-57.242N 068-39-44.513W</td>
<td>Fl W 6s</td>
<td>52</td>
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<td>Green can.</td>
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#### Merchant Row

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<th>Height</th>
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<th>Structure</th>
<th>Remarks</th>
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<tr>
<td>3130</td>
<td>Colby Ledge Daybeacon 2</td>
<td>44-07-24.863N 068-35-34.091W</td>
<td>Fl W 6s</td>
<td>52</td>
<td>8</td>
<td>TR on spindle.</td>
<td>TR on spindle.</td>
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<tr>
<td>3135</td>
<td>Colby Pup Buoy 1</td>
<td>44-06-56.625N 068-35-34.355W</td>
<td>Fl W 6s</td>
<td>52</td>
<td>8</td>
<td>Green can.</td>
<td>Green can.</td>
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<tr>
<td>3140</td>
<td>Barter Island Ledges Daybeacon 8</td>
<td>44-07-08.052N 068-38-07.356W</td>
<td>Fl W 6s</td>
<td>52</td>
<td>8</td>
<td>TR on spindle.</td>
<td>TR on spindle.</td>
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<tr>
<td>3145</td>
<td>Buoy 9 North of ledge.</td>
<td>44-06-56.514N 068-38-55.092W</td>
<td>Fl W 6s</td>
<td>52</td>
<td>8</td>
<td>Green can.</td>
<td>Green can.</td>
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<tr>
<td>3150</td>
<td>Midchannel Ledge Buoy 10</td>
<td>44-07-06.553N 068-39-42.523W</td>
<td>Fl W 6s</td>
<td>52</td>
<td>8</td>
<td>Red nun.</td>
<td>Red nun.</td>
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<tr>
<td>3155</td>
<td>York Island Rock Buoy 1</td>
<td>44-04-08.178N 068-34-47.323W</td>
<td>Fl W 6s</td>
<td>52</td>
<td>8</td>
<td>Green can.</td>
<td>Green can.</td>
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<tr>
<td>3160</td>
<td>Seven Foot Shoal Buoy 2</td>
<td>44-04-55.038N 068-34-47.970W</td>
<td>Fl W 6s</td>
<td>52</td>
<td>8</td>
<td>Red nun.</td>
<td>Red nun.</td>
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<tr>
<td>3165</td>
<td>Airy Ledge Buoy 3</td>
<td>44-05-08.047N 068-35-15.184W</td>
<td>Fl W 6s</td>
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<td>8</td>
<td>Green can.</td>
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<tr>
<td>3170</td>
<td>Burnt Ledge Buoy 5</td>
<td>44-05-58.996N 068-36-12.286W</td>
<td>Fl W 6s</td>
<td>52</td>
<td>8</td>
<td>Green can.</td>
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#### Jericho Bay

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<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>3185</td>
<td>Eastern Ear Ledge Buoy 2</td>
<td>44-00-10.151N 068-35-41.335W</td>
<td>Fl R 6s</td>
<td>4</td>
<td></td>
<td>Red.</td>
<td>Red nun.</td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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<tr>
<td>3195</td>
<td>Matinicus Rock Light</td>
<td>43-47-00.502N 068-51-18.119W</td>
<td>Fl W 10s</td>
<td>90</td>
<td>20</td>
<td>Cylindrical gray granite tower.</td>
<td>Emergency light of reduced intensity when main light is extinguished.</td>
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<td>3220</td>
<td>Southwest Ledge Bell Buoy 4</td>
<td>43-49-08.092N 068-54-31.247W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>TR on skeleton tower.</td>
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<td>3245</td>
<td>Harbor Ledge Bell Buoy</td>
<td>43-51-54.730N 068-52-44.663W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>TR on skeleton tower.</td>
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<tr>
<td>3250</td>
<td>MATINICUS HARBOR LIGHT 2</td>
<td>43-51-54.168N 068-52-52.156W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>Green can.</td>
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<tr>
<td>3265</td>
<td>Zephyr Rock Lighted Buoy 5</td>
<td>43-53-46.299N 068-51-47.120W</td>
<td>Fl G 4s</td>
<td>6</td>
<td>Red and white stripes with red spherical topmark.</td>
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<tr>
<td>3280</td>
<td>Matinicus Island Lighted Bell Buoy 9MI</td>
<td>43-53-06.300N 068-52-52.123W</td>
<td>Fl G 4s</td>
<td>4</td>
<td>Red nun.</td>
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<tr>
<td>3295</td>
<td>Southern Triangles Buoy 1T</td>
<td>43-53-45.899N 068-03-50.847W</td>
<td>Mo (A) W</td>
<td>6</td>
<td>AIS: MMSI 993672149 (21)</td>
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<td>3307</td>
<td>Three Fathom Ledge Isolated Danger Lighted Buoy DTF</td>
<td>43-54-17.913N 068-42-04.741W</td>
<td>Fi (2)W 5s</td>
<td>4</td>
<td>Black and red bands with two black spherical topmarks.</td>
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<td>Old Horse Ledge Lighted Bell Buoy 2A</td>
<td>43-59-55.927N 068-50-04.327W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red.</td>
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<tr>
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<td>Name and Location</td>
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<td><strong>PENOBSCOT BAY (Chart 13305)</strong></td>
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<tr>
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<td>SADDLEBACK LEDGE LIGHT</td>
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<td>The Brandes Buoy 4</td>
<td>44-01-28.298N</td>
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<td>48</td>
<td>W 8 R 6</td>
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<td>Rock T Buoy 6</td>
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<td>48</td>
<td>W 8 R 6</td>
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<td>ISLE AU HAUT LIGHT</td>
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<td>48</td>
<td>W 8 R 6</td>
<td>Tower, lower part</td>
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<td>068-39-04.952W</td>
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### PENOBSCOT RIVER (Chart 13309)

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PENOBSCOT BAY (Chart 13305)

Carvers Harbor (Vinal Haven)

Carvers Harbor From Eastward

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<th>No.</th>
<th>Name and Location</th>
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<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Remarks</th>
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<td>3685</td>
<td>Hallbut Ledge Buoy 2</td>
<td>44-02-40.270N</td>
<td>Fl W</td>
<td>31</td>
<td></td>
<td>Lighted throughout 24 hours. HORN: 1 blast ev 10s (1s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>No.</td>
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<td>Position</td>
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<td>3735</td>
<td>The Breakers Ledge Buoy 1</td>
<td>44-01-04.056N 068-50-33.637W</td>
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<td>James and Willies Ledge Buoy 1</td>
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<td>HERON NECK LIGHT</td>
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<td>92</td>
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**Carvers Harbor From Eastward**

**Carvers Harbor From South**

**Carvers Harbor From Westward**

**The Reach**

**Hurricane Sound**

**PENOBSCOT BAY (Chart 13305)**

**Carvers Harbor (Vinal Haven)**

**Carvers Harbor From Eastward**

**Carvers Harbor From South**

**Carvers Harbor From Westward**

**The Reach**

**Hurricane Sound**

**MAINE - First District**
### PENOBSCOT BAY (Chart 13305)

#### Hurricane Sound

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#### Lawrys Narrows

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#### Leadbetter Narrows

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<td>3855</td>
<td>Buoy 1 On east side of shoal.</td>
<td>44-05-02.992N</td>
<td>Fl R 6s</td>
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<td>7</td>
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<td>White conical tower, black cylinder foundation.</td>
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<td>06-08-33.521W</td>
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#### Fox Island Thorofare

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<td>44-08-07.500N</td>
<td>Fl R 6s</td>
<td>51</td>
<td>7</td>
<td>W 12</td>
<td>White sector from 301° to 304°. HORN: 1 blast ev 10s (1s bl). MRASS - Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175MHz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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<td>06-08-49.500W</td>
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<tbody>
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<td>3890</td>
<td>Buoy 7</td>
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<td>Fl G 2.5s</td>
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<td>3965</td>
<td>Browns Head Light</td>
<td>44-06-42.352N</td>
<td>F W</td>
<td>39</td>
<td>14 W</td>
<td>White cylindrical tower.</td>
<td>Red from 001° to 050°, and from 061° to 091°, fairway between. Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 10s (1s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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<td>Mo (A) W</td>
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<td>44-12-03.417N</td>
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<td>Black and red bands with two black spherical topmarks; can.</td>
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PENOBSCOT BAY AND APPROACHES (Chart 13302)

**West Penobscot Bay**

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<td>4052</td>
<td>University of Maine Oceanographic Lighted Buoy F</td>
<td>44-03-18.600N</td>
<td>Fi Y 4s</td>
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<td>Yellow.</td>
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<td>No.</td>
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<td>39</td>
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<td>Red brick tower.</td>
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<td>44-04-54.000N 069-05-52.000W</td>
<td>F Y</td>
<td>44</td>
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<td>Red City Channel Buoy 6</td>
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<td>Red nun.</td>
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**PENOBSCOT BAY (Chart 13305)**

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<td>4270</td>
<td>Porterfield Ledge Day beacon</td>
<td>44-09-14.593N 069-03-41.287W</td>
<td>NG on spindle on square stone pyramid.</td>
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**Rockport Harbor**

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<td>4280</td>
<td>LOWELL ROCK LIGHT 2</td>
<td>44-09-46.226N 069-03-36.885W</td>
<td>Fi R 6s 25 5</td>
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<td>Deadman Point Buoy 3</td>
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<td>The Graves Lighted Gong Buoy 13</td>
<td>44-10-55.715N</td>
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<td>Curtis Island Light</td>
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<td>44-12-00.185N</td>
<td>Oc G 4s</td>
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<td>Outer Ledge Buoy 4</td>
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<td>Oc G 4s</td>
<td>52</td>
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<td>Inner Ledges Buoy 6</td>
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<td>- Buoy 7</td>
<td>44-12-19.724N</td>
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<td>- Bell Buoy CH</td>
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**PENOBSCOT BAY AND APPROACHES (Chart 13302)**

**Two Bush Channel**

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<td>Fi W 5s</td>
<td>65</td>
<td>W 21 R 15</td>
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<td>Oc G 4s</td>
<td>75</td>
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<td>Gray Granite tower.</td>
<td>Emergency light of reduced intensity when main light is extinguished. MRASS - Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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<td>Gray Granite tower.</td>
<td>Emergency light of reduced intensity when main light is extinguished. MRASS - Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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<td>Emergency light of reduced intensity when main light is extinguished. MRASS - Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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<td>Emery Ledge Buoy Southeast of ledge.</td>
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<td>Grindstone Ledge Buoy 22 NW of 2 foot spot</td>
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<td>Sheep Island Shoals Buoy 23 South of shoals</td>
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<td>SG on iron spindle.</td>
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<td>Hendrickson Point Buoy 3</td>
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<td>Dodge Point Ledge Day beacon 5</td>
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<td>4710</td>
<td>- Buoy 3 Off ledge.</td>
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**Muscle Ridge Channel**

**Owls Head Bay**

**Wheeler Bay**

**Tenants Harbor Approach**

**MUSCONGUS BAY (Chart 13301)**

**Tenants Harbor Approach**

*Aids maintained from May 15 to Oct. 15.*

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
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<th>Remarks</th>
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<tr>
<td>4725</td>
<td>- Lighted Bell Buoy 1</td>
<td>43-57-42.517N 069-10-52.541W</td>
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<td>Black and red bands with two black spherical topmarks; can.</td>
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Monhegan Island Approach

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<td>4925</td>
<td>Monhegan Island Light</td>
<td>43-45-53.280N</td>
<td>Fi W 15s</td>
<td>178</td>
<td>20</td>
<td>White tower</td>
<td>Within 3 miles of island the light is obscured between west and southwest. Emergency light of reduced intensity when main light is extinguished.</td>
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PENOBSCOT BAY AND APPROACHES (Chart 13302)

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MUSCONGUS BAY (Chart 13301)

Monhegan Island Approach

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<td>University of Maine Seanet Temporary Lighted Research Buoy</td>
<td>43-47-22.200N 069-24-42.540W</td>
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<td>The Kegs Daybeacon</td>
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**MAINE - First District**

### Muscongus Sound

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### Damariscotta, Sheepscot and Kennebec Rivers

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#### Christmas Cove

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<td>069°33.26.700W</td>
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<td>5310</td>
<td>North Ledge Day beacon 3</td>
<td>43-50-46.300N 069-33-25.300W</td>
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<td>SG on pile.</td>
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<td>On point of rock.</td>
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<tr>
<td>5320</td>
<td>- Buoy 6</td>
<td>43-51-25.578N 069-34-01.496W</td>
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<td>Red nun.</td>
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<tr>
<td>5330</td>
<td>The Gut Day beacon 3</td>
<td>43-51-43.797N 069-33-33.166W</td>
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<td>SG on pile.</td>
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<tr>
<td>5335</td>
<td>- Buoy 7</td>
<td>43-51-51.036N 069-34-43.216W</td>
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<td>Green can.</td>
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<tr>
<td>5340</td>
<td>- Buoy 9</td>
<td>43-52-10.928N 069-34-57.506W</td>
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<td>5355</td>
<td>- Buoy 13</td>
<td>43-55-54.571N 069-35-08.067W</td>
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<tr>
<td>5360</td>
<td>- Buoy 14</td>
<td>43-57-08.650N 069-34-40.278W</td>
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<td>Red nun.</td>
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<td>5365</td>
<td>Merry Island Day beacon 15</td>
<td>43-57-21.000N 069-34-32.500W</td>
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<td>SG on pile.</td>
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<tr>
<td>5375</td>
<td>- Buoy 17</td>
<td>44-00-04.858N 069-32-32.801W</td>
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<td>5380</td>
<td>Perkins Point Day beacon 19</td>
<td>44-00-25.176N 069-32-44.076W</td>
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<td>SG on pile.</td>
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<tr>
<td>5385</td>
<td>- Buoy 20</td>
<td>44-00-42.966N 069-32-49.610W</td>
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<td>5395</td>
<td>- Buoy 23</td>
<td>44-01-29.283N 069-32-16.231W</td>
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<td>Green can.</td>
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**Damariscove Island Approach**

5405 **Bantam Rock Lighted Buoy 2BR**

43-43-40.533N

069-37-33.909W

Fl R 4s

4 Red.

5410 **The Motions Gong Buoy TM**

43-44-46.128N

069-37-06.303W

Red and white stripes.

**Fisherman Island Passage**

5415 **Ram Island Ledge Buoy 3**

43-48-22.371N

069-39-47.224W

Green can.
### DAMARISCOTTA, SHEEPSKOT AND KENNEBEC RIVERS (Chart 13293)

#### Fisherman Island Passage

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>069-35-57.100W</td>
<td>(2W sectors)</td>
<td></td>
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<td></td>
<td>White from 258° to 261° and from 030° to 046°, covers fairways. HORN: 1 blast ev 30s (3s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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#### Linekin Bay

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<tr>
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<td>069-36-10.509W</td>
<td>Red nun.</td>
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<td>069-36-24.004W</td>
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<td>5435</td>
<td>Card Ledge Buoy 8</td>
<td>43-48-38.301N</td>
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<td>069-38-32.304W</td>
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#### Booth Bay

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<tr>
<td>5480</td>
<td>Cuckolds Bell Buoy 1C</td>
<td>43-46-22.874N</td>
<td>Green.</td>
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<td>069-39-00.633W</td>
<td>Green.</td>
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<tr>
<td>5485</td>
<td>The Cuckolds Light</td>
<td>43-46-46.200N</td>
<td>Fl (2)W 6s</td>
<td>59</td>
<td>12</td>
<td></td>
<td>White octagonal tower on dwelling. 59</td>
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<tr>
<td></td>
<td></td>
<td>069-39-00.017W</td>
<td>1s fl 1s ec.</td>
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<tr>
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<td></td>
<td></td>
<td>1s fl 3s ec.</td>
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### MAINE - First District

#### Booth Bay

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<tr>
<td>5495</td>
<td>Squirrel Cove Day beacon 2</td>
<td>43-48-17.060N</td>
<td>TR on pile.</td>
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<tr>
<td></td>
<td>Marks rock.</td>
<td>069-39-10.590W</td>
<td>TR on pile.</td>
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<tr>
<td>5500</td>
<td>Squirrel Island Ledge Lighted Buoy 4</td>
<td>43-48-58.384N</td>
<td>Fl R 2.5s</td>
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<td></td>
<td>Northwestern ledge.</td>
<td>069-38-16.344W</td>
<td>Fl R 2.5s</td>
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<td>5505</td>
<td>Pig Cove Day beacon 5</td>
<td>43-49-03.229N</td>
<td>SG on pile.</td>
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<td></td>
<td>069-39-43.574W</td>
<td>SG on pile.</td>
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<td>5510</td>
<td>Burnt Island Ledge Buoy BL</td>
<td>43-49-16.976N</td>
<td>Green and red bands; can.</td>
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<tr>
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<td>069-38-23.990W</td>
<td>Green and red bands; can.</td>
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<tr>
<td>5515</td>
<td>Capitol Island Day beacon 1</td>
<td>43-49-25.800N</td>
<td>SG on pile.</td>
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<td></td>
<td>On ledge.</td>
<td>069-38-43.300W</td>
<td>SG on pile.</td>
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<tr>
<td>No.</td>
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<tr>
<td>5520</td>
<td>BURNT ISLAND LIGHT</td>
<td>43-49-30.700N 069-38-24.800W</td>
<td>Fl R 6s</td>
<td>61</td>
<td>W 8</td>
<td>White conical tower.</td>
<td>White from 307° to 316°, and from 355° to 008°, covers fairways. Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 10s (1s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>5525</td>
<td>Tumbler Island Ledge Buoy 6</td>
<td>43-49-41.551N 069-37-46.969W</td>
<td>Fl R 6s</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>5535</td>
<td>Lighted Buoy 9</td>
<td>43-50-46.584N 069-37-44.443W</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Green.</td>
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<tr>
<td>5536</td>
<td>Signal Point Marina Day beacon 2</td>
<td>43-50-59.480N 069-38-06.100W</td>
<td>Fl R 6s</td>
<td>3</td>
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<td>5545</td>
<td>McFarland Island Day beacon</td>
<td>43-50-54.690N 069-37-49.800W</td>
<td>Fl R 6s</td>
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<td>Red.</td>
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<tr>
<td>Townsend Gut</td>
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<tr>
<td>5565</td>
<td>CAMERON POINT LIGHT 7 On ledge.</td>
<td>43-51-05.495N 069-40-06.164W</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>Sheepscot Bay Approach</td>
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<tr>
<td>5585</td>
<td>Mile Ledge Lighted Bell Buoy 20ML South side of ledge.</td>
<td>43-41-24.300N 069-45-17.900W</td>
<td>Q R</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>5590</td>
<td>Seguin Light 35</td>
<td>43-42-26.900N 069-45-28.900W</td>
<td>F W</td>
<td>3</td>
<td>Red.</td>
<td>Emergency light of reduced intensity when main light is extinguished. Two emergency lights may be visible from 340° to 160°. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
<td></td>
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<tr>
<td>No.</td>
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<td>5595</td>
<td>Tom Rock Buoy 2TR</td>
<td>43-43-49.913N</td>
<td>Red nun.</td>
<td>069-43-03.314W</td>
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<td>The Sisters Buoy 4S</td>
<td>43-44-33.348N</td>
<td>Red nun.</td>
<td>069-43-35.403W</td>
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<td>5605</td>
<td>Sloop Ledge Buoy 5</td>
<td>43-45-54.374N</td>
<td>Green can.</td>
<td>069-43-39.553W</td>
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<tr>
<td>5610</td>
<td>Hunting Island Daybeacon 4 On ledge.</td>
<td>43-47-07.672N</td>
<td>TR on pile.</td>
<td>069-39-54.413W</td>
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<td>5620</td>
<td>Entrance Lighted Buoy 2SR</td>
<td>43-45-38.205N</td>
<td>Fl R 4s</td>
<td>069-41-09.103W</td>
<td>4</td>
<td>Red.</td>
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<tr>
<td>5625</td>
<td>Griffith Head Ledge Buoy 3</td>
<td>43-46-54.972N</td>
<td>Green can.</td>
<td>069-42-30.123W</td>
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<td>5640</td>
<td>Nick Ledge Daybeacon 2</td>
<td>43-49-01.528N</td>
<td>TR on pile.</td>
<td>069-41-08.903W</td>
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<td>5645</td>
<td>Petes Rock Buoy 3</td>
<td>43-49-01.538N</td>
<td>Green can.</td>
<td>069-41-05.529W</td>
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<td>5650</td>
<td>Mars Ledge Day beacon 5</td>
<td>43-49-02.266N</td>
<td>SG on pile.</td>
<td>069-40-59.928W</td>
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<td>Cedar Bush Ledge Buoy 6</td>
<td>43-49-05.239N</td>
<td>Red nun.</td>
<td>069-41-22.604W</td>
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<td>5670</td>
<td>Five Islands Ledge Buoy 1</td>
<td>43-49-22.820N</td>
<td>Green can.</td>
<td>069-42-21.535W</td>
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<td>5675</td>
<td>Five Islands Ledge Day beacon 2</td>
<td>43-49-36.267N</td>
<td>TR on pile.</td>
<td>069-42-25.243W</td>
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<td>Bull Ledge Buoy 9</td>
<td>43-50-01.076N</td>
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<td>069-41-57.483W</td>
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<td>5690</td>
<td>Six Foot Rock Buoy 3</td>
<td>43-50-58.984N</td>
<td>Green can.</td>
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<td>MacMahon Island Ledge Day beacon 1</td>
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<td>SG on pile.</td>
<td>069-42-08.463W</td>
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<td>5705</td>
<td>- LIGHT 5</td>
<td>43-50-56.194N</td>
<td>SG on skeleton tower on caisson. Higher intensity beam up Knubble Bay and down Goose Rock Passage.</td>
<td>069-43-15.063W</td>
<td>16</td>
<td>G 2.5s</td>
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<td>5710</td>
<td>Ebenecook Harbor Buoy 2</td>
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<td>069-40-43.463W</td>
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<td>Ebenecook Harbor Buoy 3</td>
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<td>Green can.</td>
<td>069-40-32.144W</td>
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<td>5720</td>
<td>Harding Ledge Buoy 10</td>
<td>43-50-52.856N</td>
<td>Red nun.</td>
<td>069-41-12.144W</td>
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<td>5725</td>
<td>South Powderhorn Buoy 12</td>
<td>43-51-06.305N</td>
<td>Red nun.</td>
<td>069-41-10.163W</td>
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<td>5730</td>
<td>Middle Ledge Buoy 13</td>
<td>43-51-16.004N</td>
<td>Green can.</td>
<td>069-41-46.883W</td>
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<tr>
<td>5750</td>
<td>Powderhorn Ledge Lighted Buoy 16 Marks westerly edge of ledge.</td>
<td>43-51-34.729N 069-41-27.626W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>Red.</td>
<td>Removed when endangered by ice.</td>
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<tr>
<td>5760</td>
<td>Ram Islands Daybeacon On ledge.</td>
<td>43-52-20.900N 069-41-00.164W</td>
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<td>NR on pile.</td>
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<td>5765</td>
<td>Sawyer Island Buoy 1</td>
<td>43-52-25.262N 069-41-00.824W</td>
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<td>Green can.</td>
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<td>5783</td>
<td>Buoy 20A</td>
<td>43-54-11.266N 069-41-03.348W</td>
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<td>Red nun.</td>
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**Back River Channel**

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<td>No.</td>
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<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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<td>5840</td>
<td>Buoy 4</td>
<td>43-53-01.482N 069-40-03.454W</td>
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<td>Red nun.</td>
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**Montsweag Bay**

_Aids maintained from May 15 to Oct. 15._

<table>
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<td>No.</td>
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<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
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<td>5855</td>
<td>Buoy 3</td>
<td>43-54-04.368N 069-44-10.093W</td>
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<td>Green can.</td>
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<tr>
<td>5865</td>
<td>Buoy 6</td>
<td>43-55-00.278N 069-43-20.808W</td>
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<td>Red nun.</td>
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<tr>
<td>5870</td>
<td>Buoy 7</td>
<td>43-55-10.650N 069-42-44.393W</td>
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<td></td>
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<td>Green can.</td>
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## DAMARISCOTTA, SHEEPSCOT AND KENNEBEC RIVERS (Chart 13293)

### Montsweag Bay
Aids maintained from May 15 to Oct. 15.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>5875</td>
<td>Buoy 8</td>
<td>43-55-09.606N</td>
<td>Red nun.</td>
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<tr>
<td>5880</td>
<td>Buoy 10</td>
<td>43-55-46.218N</td>
<td>Red nun.</td>
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<tr>
<td>5881</td>
<td>Buoy 11</td>
<td>43-55-49.686N</td>
<td>Green can.</td>
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<tr>
<td>5882</td>
<td>Buoy 13</td>
<td>43-56-25.866N</td>
<td>Green can.</td>
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### Cowseagan Narrows
Aids maintained from May 15 to Oct. 15.

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<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
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<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>5883</td>
<td>Buoy 15</td>
<td>43-57-35.884N</td>
<td>Green can.</td>
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<tr>
<td>5884</td>
<td>Buoy 16</td>
<td>43-57-35.898N</td>
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<tr>
<td>5885</td>
<td>Buoy 17</td>
<td>43-57-53.312N</td>
<td>Green can.</td>
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<tr>
<td>5886</td>
<td>Buoy 18</td>
<td>43-57-59.388N</td>
<td>Red nun.</td>
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### Sasanoa River
Aids maintained from May 15 to Oct. 15 unless otherwise noted.

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<th>Remarks</th>
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<tr>
<td>5900</td>
<td>Blacksmithshop Ledge Daybeacon 1</td>
<td>43-51-09.000N</td>
<td>SG on pile.</td>
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<tr>
<td>5905</td>
<td>The Boilers Buoy 2</td>
<td>43-53-00.290N</td>
<td>Red nun.</td>
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<tr>
<td>5910</td>
<td>Bareneck Island Ledge Buoy 5</td>
<td>43-53-14.879N</td>
<td>Green can.</td>
<td></td>
<td></td>
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<td>Aid is maintained year round.</td>
</tr>
<tr>
<td>5915</td>
<td>Buoy 7</td>
<td>43-53-22.069N</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td>Aid is maintained year round.</td>
</tr>
<tr>
<td>5920</td>
<td>Buoy 9</td>
<td>43-53-24.000N</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td>Aid is maintained year round.</td>
</tr>
<tr>
<td>5925</td>
<td>Buoy 17</td>
<td>43-53-12.919N</td>
<td>Green can.</td>
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<tr>
<td>5935</td>
<td>Swett Point Daybeacon 21 On ledge.</td>
<td>43-53-31.100N</td>
<td>SG on pile.</td>
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<tr>
<td>5945</td>
<td>Lime Rock Daybeacon 23 Marks ledge.</td>
<td>43-53-50.278N</td>
<td>SG on pile.</td>
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<tr>
<td>5950</td>
<td>Buoy 27</td>
<td>43-54-01.641N</td>
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<td>5955</td>
<td>Buoy 29</td>
<td>43-54-03.687N</td>
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<td>Buoy 30</td>
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<td>5960</td>
<td>Buoy 31</td>
<td>43-54-05.587N</td>
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<td>5965</td>
<td>Buoy 32</td>
<td>43-54-06.900N</td>
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<tr>
<td>5970</td>
<td>Carleton Ledges Jetty Daybeacon 33</td>
<td>43-54-07.087N</td>
<td>SG on wooden spindle.</td>
<td></td>
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<td>Maintained from Apr. 15 to Oct. 15.</td>
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<tr>
<td>5975</td>
<td>Buoy 34</td>
<td>43-54-09.000N</td>
<td>Red nun.</td>
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<td>5980</td>
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<td>43-54-20.287N</td>
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<td>Remarks</td>
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<td>5985</td>
<td>Buoy 37</td>
<td>43-54-29.656N</td>
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<td>5990</td>
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<td>6000</td>
<td>Buoy 42</td>
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<td>6005</td>
<td>Jackknife Ledge Buoy 1</td>
<td>43-43-13.267N</td>
<td>Green can.</td>
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<tr>
<td>6010</td>
<td>Pond Island Shoal Gong Buoy 3</td>
<td>43-44-49.966N</td>
<td>Green.</td>
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<td>Removed when endangered by ice.</td>
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<tr>
<td>6015</td>
<td>White Ledge Lighted Bell Buoy 1</td>
<td>43-43-49.200N</td>
<td>Fi G 4s</td>
<td>5</td>
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<tr>
<td>6020</td>
<td>Kennebec River Entrance Buoy KR</td>
<td>43-43-57.859N</td>
<td>Green and red</td>
<td></td>
<td></td>
<td></td>
<td>bands; can.</td>
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<tr>
<td>6025</td>
<td>POND ISLAND LIGHT</td>
<td>43-44-24.129N</td>
<td>Iso W 6s</td>
<td>52</td>
<td>9</td>
<td></td>
<td>White tower. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 63A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<tr>
<td>6030</td>
<td>Buoy 4</td>
<td>43-44-27.286N</td>
<td>Red nun.</td>
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<tr>
<td>6035</td>
<td>Jack Rock Daybeacon 5A</td>
<td>43-44-59.505N</td>
<td>SG on pile.</td>
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<tr>
<td>6040</td>
<td>Buoy 5</td>
<td>43-44-49.505N</td>
<td>Green can.</td>
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<tr>
<td>6045</td>
<td>Buoy 6</td>
<td>43-45-01.925N</td>
<td>Red nun.</td>
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<tr>
<td>6050</td>
<td>FORT POPHAM LIGHT</td>
<td>43-45-18.004N</td>
<td>Fi G 4s</td>
<td>27</td>
<td>4</td>
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<td>On spindle.</td>
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<td>6055</td>
<td>Lighted Buoy 8</td>
<td>43-45-51.793N</td>
<td>Fi R 4s</td>
<td>4</td>
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<td>Red.</td>
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<td>Buoy 11</td>
<td>43-46-32.802N</td>
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<td>Buoy 12</td>
<td>43-46-44.122N</td>
<td>Red nun.</td>
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<tr>
<td>6070</td>
<td>PERKINS ISLAND LIGHT</td>
<td>43-47-12.359N</td>
<td>Fi R 2.5s</td>
<td>41</td>
<td>W 6</td>
<td>W 6 R 5</td>
<td>White conical tower. White from 018° to 038° and from 172° to 188°, covers fairway s.</td>
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<tr>
<td>6075</td>
<td>Buoy 13</td>
<td>43-47-12.781N</td>
<td>Green can.</td>
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<td>6080</td>
<td>Buoy 15</td>
<td>43-47-51.579N</td>
<td>Green can.</td>
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<tr>
<td>6085</td>
<td>Back River Entrance Buoy 2</td>
<td>43-48-05.409N</td>
<td>Red nun.</td>
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<tr>
<td>6090</td>
<td>Buoy 16</td>
<td>43-48-10.089N</td>
<td>Red nun.</td>
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<td>6095</td>
<td>Buoy 17</td>
<td>43-48-34.008N</td>
<td>Green can.</td>
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</tbody>
</table>
**MAINE - First District**

**Damariscotta, Sheepscot and Kennebec Rivers (Chart 13293)**

### Kennebec River

**6105** - Buoy 19
- **Characteristic**: Green can.

**6110** - Buoy 21
- **Position**: 43-49-37.646N, 069-48-11.966W
- **Characteristic**: Green can.

**6120** PETTIS ROCKS LIGHT 23
- **Position**: 43-49-48.675N, 069-47-56.665W
- **Characteristic**: Fl G 2.5s, 20 4
- **Range**: SG on skeleton tower.

**6125** - LIGHT 25
- **Position**: 43-50-10.700N, 069-47-50.900W
- **Characteristic**: Fl G 4s, 22 4
- **Range**: SG on skeleton tower, small white house.
- **Remarks**: Ra ref.

**6130** - Buoy 27
- **Position**: 43-50-50.435N, 069-47-46.665W
- **Characteristic**: Green can.

**6135** DOUBLING POINT FRONT RANGE LIGHT
- **Position**: 43-52-58.308N, 069-47-44.346W
- **Characteristic**: Q W, 18
- **Remarks**: Visible all around; higher intensity on range line.

**6140** DOUBLING POINT REAR RANGE LIGHT
- **Position**: 43-53-05.174N, 069-47-44.416W
- **Characteristic**: Iso W 6s, 32
- **Remarks**: Visible all around; higher intensity on range line.

**6145** DOUBLING POINT LIGHT
- **Position**: 43-52-57.029N, 069-48-24.376W
- **Characteristic**: Fl W 4s, 23 9
- **Remarks**: Conical tower.

### Upper Kennebec River

**6150** - Buoy 28
- **Position**: 43-53-00.925N, 069-49-29.425W
- **Characteristic**: Red nun.

**6155** - Buoy 29
- **Position**: 43-53-04.140N, 069-48-41.767W
- **Characteristic**: Green can.

**6160** - Buoy 31
- **Position**: 43-53-18.833N, 069-48-45.599W
- **Characteristic**: Green can.

**6165** - Buoy 33
- **Characteristic**: Green can.

**6170** - Buoy 34
- **Position**: 43-54-12.428N, 069-48-32.587W
- **Characteristic**: Red nun.

### Upper Kennebec River

**6185** - Buoy 1
- **Position**: 43-55-57.849N, 069-48-24.414W
- **Characteristic**: Green can.

**6190** - Buoy 3
- **Position**: 43-56-06.524N, 069-48-23.698W
- **Characteristic**: Green can.

**6195** - Buoy 5
- **Characteristic**: Green can.

**6200** - Buoy 7
- **Position**: 43-56-32.894N, 069-48-31.867W
- **Characteristic**: Green can.

**6205** - Buoy 8
- **Position**: 43-56-42.583N, 069-48-31.708W
- **Characteristic**: Red nun.

**6210** - Buoy 10
- **Position**: 43-57-06.283N, 069-49-16.169W
- **Characteristic**: Red nun.

**6215** - Buoy 11
- **Position**: 43-57-09.283N, 069-49-28.170W
- **Characteristic**: Green can.

**6220** - Buoy 12
- **Position**: 43-58-13.741N, 069-49-44.621W
- **Characteristic**: Red nun.

**6225** - Buoy 13
- **Position**: 43-58-33.580N, 069-49-41.070W
- **Characteristic**: Green can.

### Merrymeeting Bay

**Merrymeeting Bay Buoy positions frequently shifted with changing conditions. Aids maintained May 25 to Oct. 1.**

**6226.1** - Buoy 1
- **Position**: 43-58-58.190N, 069-51-17.000W
- **Characteristic**: Green can. Private aid.

**6226.3** - Buoy 3
- **Position**: 43-58-51.000N, 069-51-48.000W
- **Characteristic**: Green can. Private aid.

**6226.4** - Buoy 4
- **Position**: 43-58-52.310N, 069-52-15.400W
- **Characteristic**: Red nun. Private aid.

**6226.5** - Buoy 5
- **Position**: 43-59-01.200N, 069-52-15.400W
- **Characteristic**: Green can. Private aid.

**6226.6** - Buoy 6
- **Position**: 43-59-05.400N, 069-52-33.720W
- **Characteristic**: Red nun. Private aid.

**6226.7** - Buoy 7
- **Position**: 43-59-04.740N, 069-52-31.740W
- **Characteristic**: Green can. Private aid.
### DAMARISCOTTA, SHEEPSCOT AND KENNEBEC RIVERS

#### Upper Kennebec River

**Merryymeeting Bay**


<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<td></td>
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<td>069-52-59.520W</td>
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<tr>
<td>6230</td>
<td>BUOY 15</td>
<td>43-59-06.179N</td>
<td>Green can.</td>
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<td>069-49-53.271W</td>
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<tr>
<td>6240</td>
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<tr>
<td></td>
<td>Marks rock.</td>
<td>069-49-16.170W</td>
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**CASCO BAY (Chart 13290)**

**New Meadows River Approach**

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**New Meadows River**

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### Light List corrected through LNM week: 24/19

#### New Meadows River

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#### Western Passage

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<td>6620</td>
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#### Orr's Island Approach

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#### Merriconeag Sound Approach

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<td>6675</td>
<td>Halfway Rock Light</td>
<td>43-39-20.800N</td>
<td>Fl R 5s</td>
<td>76</td>
<td>19</td>
<td>White tower attached to dwelling. 77</td>
<td>Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175MHz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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<td>6680</td>
<td>Webster Rock Buoy 1</td>
<td>43-39-37.854N</td>
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<td>Eastern Drunkers Ledges Buoy 2</td>
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<td>Black and white square stone pyramid.</td>
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**Haskell Island**

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**Potts Harbor**

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**Broad Sound**

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**Little Whaleboat Island**

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**Mere Point Brunswick PD Boat Launch**

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</tr>
<tr>
<td>7205</td>
<td>Trotts Rock Day beacon 4</td>
<td>43-38-56.373N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Green.</td>
<td></td>
</tr>
<tr>
<td>7210</td>
<td>Buoy 6</td>
<td>43-38-53.209N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Green.</td>
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</tr>
<tr>
<td>7215</td>
<td>Lighted Bell Buoy 8</td>
<td>43-38-54.579N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Red.</td>
<td>Replaced by nun when endangered by ice.</td>
</tr>
<tr>
<td>7216</td>
<td>Buoy 9</td>
<td>43-38-52.008N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>7220</td>
<td>House Island Buoy 1</td>
<td>43-39-22.408N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>7225</td>
<td>HOUSE ISLAND LIGHT 3</td>
<td>43-39-21.112N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>7230</td>
<td>Buoy 1</td>
<td>43-39-49.307N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>7235</td>
<td>Buoy 2</td>
<td>43-39-49.207N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>7240</td>
<td>Buoy 3</td>
<td>43-40-07.550N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>7245</td>
<td>Buoy 4</td>
<td>43-40-20.226N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>7250</td>
<td>Buoy 6</td>
<td>43-40-46.845N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>7255</td>
<td>Buoy 8</td>
<td>43-41-05.155N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>7260</td>
<td>Buoy 9</td>
<td>43-41-05.675N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Red nun.</td>
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<tr>
<td>7265</td>
<td>Brimstone Point Ledge Buoy 10</td>
<td>43-41-31.135N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Red nun.</td>
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<tr>
<td>7270</td>
<td>Diamond Cove Ledge Buoy 2</td>
<td>43-41-26.505N</td>
<td>FG G 2.5s</td>
<td>3</td>
<td>5</td>
<td>Red nun.</td>
<td></td>
</tr>
</tbody>
</table>
# MAINE - First District

## CASCO BAY (Chart 13290)

### Portland To Merepoint

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>7280</td>
<td>Cow Island Ledge Light</td>
<td>43-42-10.600N 070-11-18.600W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red</td>
<td>Private aid</td>
<td>Private aid.</td>
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<tr>
<td>7285</td>
<td>Cow Island Ledge Buoy CIL</td>
<td>43-42-23.585N 070-11-06.543W</td>
<td>Fl G 4s</td>
<td></td>
<td></td>
<td>Green can</td>
<td>Green can.</td>
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<tr>
<td>7295</td>
<td>Lower Basket Ledge Daybeacon 15</td>
<td>43-43-49.399N 070-09-23.949W</td>
<td>Fl G 4s</td>
<td></td>
<td></td>
<td>SG</td>
<td>Ra ref.</td>
</tr>
<tr>
<td>7300</td>
<td>Basket Island Shoal Buoy 2</td>
<td>43-43-44.384N 070-09-55.023W</td>
<td>Fl R 4s</td>
<td></td>
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<td>NR</td>
<td>Red nun.</td>
</tr>
<tr>
<td>7320</td>
<td>Hussey Sound Lighted Buoy 18</td>
<td>43-45-16.239N 070-07-35.451W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red</td>
<td>Green can</td>
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### Portland To Yarmouth

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
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<th>Remarks</th>
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<tbody>
<tr>
<td>7330</td>
<td>The Brothers Buoy 11</td>
<td>43-42-03.033N 070-12-39.333W</td>
<td>Fl R 4s</td>
<td></td>
<td></td>
<td>Green can</td>
<td>Red nun.</td>
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<tr>
<td>7337.2</td>
<td>HBS Lighted Buoy 1</td>
<td>43-43-23.940N 070-11-54.780W</td>
<td>Fl G 4s</td>
<td></td>
<td></td>
<td>Green can</td>
<td>Private aid.</td>
</tr>
<tr>
<td>7345</td>
<td>Prince Point Ledge Buoy 15</td>
<td>43-43-11.719N 070-12-22.371W</td>
<td>Fl R 4s</td>
<td></td>
<td></td>
<td>Green can</td>
<td>Green can.</td>
</tr>
<tr>
<td>7350</td>
<td>York Ledge Daybeacon YL</td>
<td>43-43-31.888N 070-12-14.893W</td>
<td>Fl G 4s</td>
<td></td>
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<td>SG</td>
<td>Green can.</td>
</tr>
<tr>
<td>7355</td>
<td>York Ledge Buoy 17</td>
<td>43-43-32.042N 070-12-10.624W</td>
<td>Fl R 4s</td>
<td></td>
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<td>Green can</td>
<td>Green can.</td>
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<tr>
<td>7360</td>
<td>Clapboard Island North Ledge Daybeacon 18</td>
<td>43-43-27.000N 070-11-25.900W</td>
<td>Fl G 4s</td>
<td></td>
<td></td>
<td>TR</td>
<td>TR on spindle.</td>
</tr>
<tr>
<td>7370</td>
<td>Underwood Ledge Buoy 19</td>
<td>43-44-00.422N 070-11-43.244W</td>
<td>Fl R 4s</td>
<td></td>
<td></td>
<td>Red nun</td>
<td>Green can.</td>
</tr>
<tr>
<td>7380</td>
<td>Sturdivant Island Ledges Danger Buoy</td>
<td>43-43-50.653N 070-11-06.424W</td>
<td>Fl G 4s</td>
<td></td>
<td></td>
<td>White with orange bands worded DANGER</td>
<td>White with orange bands worded DANGER.</td>
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<tr>
<td>7385</td>
<td>Upper Clapboard Island Ledge Lighted Buoy 3</td>
<td>43-43-56.047N 070-10-30.997W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td></td>
<td>Green can</td>
<td>Green.</td>
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<tr>
<td>7386</td>
<td>Basket Island Lighted Buoy 4</td>
<td>43-44-06.000N 070-10-14.000W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td></td>
<td>Red</td>
<td>Red.</td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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<tr>
<td>7400</td>
<td>Channel Lighted Buoy 1</td>
<td>43-47-06.351N 070-07-24.546W</td>
<td>Fi G 4s</td>
<td>3</td>
<td>Green</td>
<td></td>
<td>Replaced by can when endangered by ice.</td>
</tr>
<tr>
<td>7430</td>
<td>Channel Buoy 7</td>
<td>43-47-43.388N 070-08-34.194W</td>
<td>Green can.</td>
<td></td>
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<td>Maintained from Apr. 1 to Dec. 1.</td>
</tr>
<tr>
<td>7440</td>
<td>Channel Buoy 9</td>
<td>43-47-44.276N 070-08-42.227W</td>
<td>Green can.</td>
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<td>Maintained from Apr. 1 to Dec. 1.</td>
</tr>
<tr>
<td>7442</td>
<td>Channel Buoy 11</td>
<td>43-47-34.276N 070-08-57.305W</td>
<td>Green can.</td>
<td></td>
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<td></td>
<td>Maintained from Apr. 1 to Dec. 1.</td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
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<td>Structure</td>
<td>Remarks</td>
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<tr>
<td>7505</td>
<td>Portland Harbor Main Approach Lighted Whistle Buoy 4</td>
<td>43-33-55.600N 070-08-04.800W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>Red.</td>
<td>Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-3s si). Horn located 266 yards, 146° from light tower. MRASS - Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
<td></td>
</tr>
<tr>
<td>7510</td>
<td>West Cod Ledge Rock Buoy 4WC</td>
<td>43-34-18.810N 070-07-47.468W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>Red nun.</td>
<td></td>
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</tr>
<tr>
<td>7520</td>
<td>Cape Elizabeth Light</td>
<td>43-33-57.864N 070-12-00.209W</td>
<td>Fl (4)W 15s 129 15</td>
<td>White conical tower. 67</td>
<td>Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 15s (2s bl). MRASS - Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
<td></td>
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</tr>
<tr>
<td>7525</td>
<td>Broad Cove Rock Buoy 5 Off southeast side of shoal.</td>
<td>43-35-01.984N 070-11-12.368W</td>
<td>Fl G 6s</td>
<td>4</td>
<td>Green can.</td>
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</tr>
<tr>
<td>7533</td>
<td>East Cod Ledge Lighted Buoy 1EC</td>
<td>43-36-30.100N 070-02-06.000W</td>
<td>Fl G 6s</td>
<td>4</td>
<td>Green.</td>
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<tr>
<td>7535</td>
<td>Portland Harbor Eastern Approach Lighted Gong Buoy 1</td>
<td>43-37-05.182N 070-09-46.088W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>Green.</td>
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<tr>
<td>7545</td>
<td>Pine Tree Ledge Lighted Whistle Buoy 8</td>
<td>43-36-36.280N 070-10-51.382W</td>
<td>Q R</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>7565</td>
<td>Portland Head Light</td>
<td>43-37-23.174N 070-12-28.312W</td>
<td>Fl W 4s 101 24</td>
<td>White tower. 80</td>
<td>Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 15s (2s bl). MRASS - Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
<td></td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
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<td>Structure</td>
<td>Remarks</td>
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</tr>
<tr>
<td>7570</td>
<td>PORTLAND HEAD DIRECTIONAL LIGHT</td>
<td>43-37-23.150N 070-12-27.565W</td>
<td>F R W G</td>
<td>34</td>
<td>W 15</td>
<td>At base of Portland Head Light.</td>
<td>Shows red from 271.3° to 274.3°; white from 274.3° to 275.8°; green from 275.8° to 279.3°;</td>
</tr>
<tr>
<td>7575</td>
<td>RAM ISLAND LEDGE LIGHT</td>
<td>43-37-53.290N 070-11-14.562W</td>
<td>Fl (2)W 6s</td>
<td>77</td>
<td>9</td>
<td>Light-gray, conical, granite tower.</td>
<td>Horn: 1 blast ev 10s (1s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175MHz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>7578</td>
<td>- Main Approach Lighted Buoy 11</td>
<td>43-37-44.248N 070-12-37.660W</td>
<td>Q G</td>
<td>3</td>
<td>Green.</td>
<td></td>
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</tr>
<tr>
<td>7585</td>
<td>- Main Approach Lighted Buoy 13</td>
<td>43-38-05.982N 070-12-58.969W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>Green.</td>
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</tr>
<tr>
<td>7590</td>
<td>- Main Approach Lighted Buoy 14</td>
<td>43-38-11.360N 070-12-43.506W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
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</tr>
<tr>
<td>7600</td>
<td>- Main Approach Lighted Buoy 16</td>
<td>43-38-40.984N 070-12-53.959W</td>
<td>Fl R 4s</td>
<td>3</td>
<td>Red.</td>
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</tr>
<tr>
<td>7605</td>
<td>FORT SCAMMEL POINT LIGHT 2</td>
<td>43-38-56.548N 070-12-49.741W</td>
<td>Fl R 4s</td>
<td>35</td>
<td>TR on tower.</td>
<td>Higher intensity beam up channel.</td>
<td></td>
</tr>
<tr>
<td>7610</td>
<td>SPRING POINT LEDGE LIGHT</td>
<td>43-39-07.612N 070-13-26.057W</td>
<td>Fl W 6s</td>
<td>54</td>
<td>W 12</td>
<td>White tower.</td>
<td>White from 331° to 337° covers fairway entrance, white from 074° to 288°; red in intervening sectors. Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Horn: 1 blast ev 10s (1s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175MHz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
</tr>
<tr>
<td>7665</td>
<td>- Anchorage Lighted Buoy B</td>
<td>43-39-35.057N 070-12-34.652W</td>
<td>Fl Y 4s</td>
<td>3</td>
<td>Yellow.</td>
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<tr>
<td>7690</td>
<td>DIAMOND ISLAND LEDGE LIGHT</td>
<td>43-39-47.000N 070-13-29.800W</td>
<td>Fl W 2.5s</td>
<td>24</td>
<td>5</td>
<td>NR on skeleton tower.</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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<td>----------------------------------------------</td>
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<tr>
<td>7699</td>
<td>SOUTH PORTLAND BREAKWATER LIGHT</td>
<td>43°39′19.872″N</td>
<td>Fi W 4s</td>
<td>30</td>
<td></td>
<td></td>
<td>Private aid</td>
</tr>
<tr>
<td></td>
<td>SOUTH PORTLAND Boat Ramp Buoy 1</td>
<td>43°39′20.820″N</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td>Private aid</td>
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<tr>
<td>7700.1</td>
<td>SOUTH PORTLAND Boat Ramp Buoy 3</td>
<td>43°39′19.680″N</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td>Private aid</td>
</tr>
<tr>
<td>7700.2</td>
<td>SOUTH PORTLAND Boat Ramp Buoy 5</td>
<td>43°39′18.120″N</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td>Private aid</td>
</tr>
<tr>
<td>7700.3</td>
<td>SOUTH PORTLAND Boat Ramp Buoy 6</td>
<td>43°39′17.460″N</td>
<td>Red nun.</td>
<td></td>
<td></td>
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<td>Private aid</td>
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<tr>
<td>7700.4</td>
<td>SOUTH PORTLAND Boat Ramp Buoy 8</td>
<td>43°39′17.220″N</td>
<td>Red nun.</td>
<td></td>
<td></td>
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<td>Private aid</td>
</tr>
<tr>
<td>7701</td>
<td>SOUTH PORTLAND PIER LIGHT</td>
<td>43°39′11.179″N</td>
<td>F W</td>
<td></td>
<td></td>
<td>On pile.</td>
<td>Private aid</td>
</tr>
<tr>
<td>7705</td>
<td>COAST GUARD PIERHEAD LIGHT</td>
<td>43°38′59.896″N</td>
<td>Fl Y 4s</td>
<td>18</td>
<td>4</td>
<td>On dolphin.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lighted Buoy 1</td>
<td>43°38′55.365″N</td>
<td>Fl G 6s</td>
<td>3</td>
<td></td>
<td>Green.</td>
<td></td>
</tr>
<tr>
<td>7710</td>
<td>Lighted Buoy 2</td>
<td>43°38′54.096″N</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td></td>
<td>Red.</td>
<td></td>
</tr>
<tr>
<td>7715</td>
<td>Lighted Buoy 3</td>
<td>43°38′49.951″N</td>
<td>Fl G 4s</td>
<td>3</td>
<td></td>
<td>SG on dolphin.</td>
<td></td>
</tr>
<tr>
<td>7720</td>
<td>LIGHT 3</td>
<td>43°38′48.900″N</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td></td>
<td>Red.</td>
<td></td>
</tr>
<tr>
<td>7725</td>
<td>Lighted Buoy 4</td>
<td>43°38′45.242″N</td>
<td></td>
<td></td>
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**SACO BAY AND VICINITY (Chart 13287)**

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**Richmond Island Harbor**

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**Scarborough River**

**Positions of buoys frequently shifted with changing conditions.**

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**Saco River**

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### SACO BAY AND VICINITY (Chart 13287)

#### Wood Island Harbor

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<th>Characteristic</th>
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#### CAPE ELIZABETH TO PORTSMOUTH (Chart 13286)

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**CAPE NEDDICK HARBOR TO ISLES OF SHOALS (Chart 13283)**

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### MAINE AND NEW HAMPSHIRE - First District

#### CAPE NEDDICK HARBOR TO ISLES OF SHOALS (Chart 13283)

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<td>8345</td>
<td>CLARK ISLAND LIGHT 8</td>
<td>43-04-33.819N 070-43-26.689W</td>
<td>Fl R 2.5s</td>
<td>20</td>
<td>4</td>
<td>TR on sectional spindle.</td>
<td>Red nun.</td>
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<tr>
<td>8375</td>
<td>HENDERSON POINT LIGHT 10</td>
<td>43-04-29.319N 070-44-10.189W</td>
<td>Fl R 6s</td>
<td>5</td>
<td>TR on skeleton tower.</td>
<td>Higher intensity beam up and down channel.</td>
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<td>8385</td>
<td>South Beacon Shoal Lighted Buoy 11</td>
<td>43-04-40.077N 070-44-34.914W</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Green.</td>
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<tr>
<td>8390</td>
<td>South Beacon Shoal Daybeacon SBS</td>
<td>43-04-39.000N 070-44-34.060W</td>
<td>NG on mast, on granite pier.</td>
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<td>8405</td>
<td>Badgers Island Lighted Buoy 14</td>
<td>43-04-51.951N 070-45-21.516W</td>
<td>Fl R 2.5s</td>
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<td>8409</td>
<td>Kittery Flats Turning Basin Buoy D</td>
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<td>Yellow nun.</td>
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<td>8425</td>
<td>Pierce Island Buoy 2</td>
<td>43-04-42.318N 070-45-02.190W</td>
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**PORTSMOUTH TO DOVER AND EXETER (Chart 13285)**

**Piscataqua River**

<p>| 8460 | - LIGHT 4 | 43-05-48.200N 070-46-42.800W | Fl R 4s | 18 | 5 | TR on spindle. | Higher intensity beam up and down channel. |
| 8485 | - Lighted Buoy 6 | 43-06-12.856N 070-47-06.296W | Fl R 4s | 4 | Red. | | |
| 8520 | SPRAGUE FUEL TERMINAL LOWER DOCK LIGHT | 43-06-57.000N 070-48-36.000W | F G | 6 | | On square concrete platform. | Private aid. |
| 8530 | SPRAGUE FUEL TERMINAL UPPER DOCK LIGHT | 43-07-03.000N 070-48-44.000W | F G | 8 | | On square concrete platform. | Private aid. |
| 8550 | - Buoy 17 | 43-07-34.822N 070-49-38.3011W | | | | Green can. | |
| 8560 | - Buoy 20 | 43-09-17.719N 070-49-51.643W | | | | Red nun. | |
| 8565 | - Buoy 21 | 43-09-38.762N 070-49-40.566W | | | | Green can. | |
| 8566.3 | New Hampshire DES Oil Boom Deployment Lighted Buoy D | 43-06-47.580N 070-51-43.620W | Fi W 4s | | | White with orange bands worded NH DES. | Replaced by unlighted buoy Dec. 1 to Apr. 1. |</p>
<table>
<thead>
<tr>
<th>No.</th>
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<th>Height</th>
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<td>8566.8</td>
<td>New Hampshire DES Oil Boom Deployment Lighted Buoy I</td>
<td>43-06-34.560N 070-51-33.060W</td>
<td>Fl W 2.5s</td>
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<td>Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.</td>
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<td>8570</td>
<td>Hen Island Ledge Buoy 1</td>
<td>43-07-20.032N 070-51-18.824W</td>
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<td>8750</td>
<td>Hicks Rock Day beacon 2 Southwesterly of rocks.</td>
<td>43-04-43.869N 070-43-08.788W</td>
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<td>43-04-50.189N 070-43-16.539W</td>
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<td>8775</td>
<td>- Entrance Buoy 1</td>
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<tr>
<td>8815</td>
<td>Buoy 13</td>
<td>43-03-33.500N 070-43-51.088W</td>
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<td>43-03-33.920N 070-44-02.488W</td>
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<td>Buoy SL</td>
<td>43-03-33.720N 070-44-06.188W</td>
<td>Green and red; can.</td>
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<tr>
<td>8840</td>
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<td>43-03-22.560N 070-44-25.728W</td>
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**Leaches Island Channel**

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<tr>
<td>8850</td>
<td>Buoy 2</td>
<td>43-03-36.600N 070-44-07.208W</td>
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<td>43-03-43.425N 070-44-13.194W</td>
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<td>Buoy 5</td>
<td>43-04-04.143N 070-44-17.630W</td>
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**NEW HAMPSHIRE - First District**

**Rye Harbor**

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<tr>
<td>8875</td>
<td>Buoy 3</td>
<td>42-59-56.482N 070-44-37.665W</td>
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<td>8880</td>
<td>LIGHT 4</td>
<td>42-59-59.000N 070-44-39.300W</td>
<td>Fl R 6s</td>
<td>24</td>
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<td>8890</td>
<td>Seabrook Power Plant Buoy A</td>
<td>42-54-17.000N 070-47-12.000W</td>
<td>White with orange bands.</td>
<td></td>
<td></td>
<td></td>
<td>DANGER POWER PLANT INTAKE SHAFTS. Private aid.</td>
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</table>

**Hampton Harbor**

*Positions of aids frequently shifted with changing conditions.*

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<td>8905</td>
<td>Outer Sunk Rocks Buoy 2</td>
<td>42-54-05.807N 070-47-01.545W</td>
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<td>8915</td>
<td>Seabrook Station Buoy DS</td>
<td>42-53-41.000N 070-47-12.000W</td>
<td>White with orange bands, can.</td>
<td></td>
<td></td>
<td></td>
<td>Private aid.</td>
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<tr>
<td>No.</td>
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<td>Height</td>
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<td>8920</td>
<td>Channel Approach Lighted Bell Buoy 2</td>
<td>42°53′00.968N, 070°47′16.785W</td>
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<td>Green can.</td>
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<td>Removed when endangered by ice.</td>
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<td>Channel Gong Buoy 4</td>
<td>42°53′20.857N, 070°48′04.486W</td>
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<td>North Jetty Daybeacon 8</td>
<td>42°53′41.557N, 070°48′29.052W</td>
<td>TR on spindle.</td>
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<td>Channel Buoy 9</td>
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<td>8955</td>
<td>South Daybeacon H</td>
<td>42°53′33.042N, 070°48′38.712W</td>
<td>NG on spindle.</td>
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<tr>
<td>8960</td>
<td>Junction Buoy</td>
<td>42°53′46.512N, 070°49′02.837W</td>
<td>Green can with red bands.</td>
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<tr>
<td>8961</td>
<td>Danger Buoy</td>
<td>42°53′48.270N, 070°49′04.930W</td>
<td>White and orange wordsed ROCKS.</td>
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<td>Private aid.</td>
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**MAPSAGUSETTS - First District**

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<tr>
<td>8990</td>
<td>Entrance Lighted Whistle Buoy MR</td>
<td>42°48′34.332N, 070°47′03.181W</td>
<td>Mo (A) W</td>
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<td>9005</td>
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<td>42°48′49.863N, 070°47′50.972W</td>
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<td>Replaced by can from Oct 15 to May 1.</td>
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<td>Black Rocks Daybeacon 10</td>
<td>42°49′13.897N, 070°49′36.883W</td>
<td>TR on red wooden slat pyramid on granite foundation.</td>
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<td>NORTH PIER LIGHT 18</td>
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**Plum Island Sound**

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Ipswich River
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<tr>
<td>9460</td>
<td>Buoy 43</td>
<td>42-45-25.800N</td>
<td>Green can.</td>
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<td>9476</td>
<td>Buoy 47</td>
<td>42-45-33.600N</td>
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**MASSACHUSETTS - First District**

**IPSWICH BAY TO GLOUCESTER HARBOR (Chart 13279)**

*Essex Bay*

Positions of buoys frequently shifted with changing conditions. Aids maintained from Apr. 15 to Oct. 15 unless otherwise noted.

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<tr>
<th>No.</th>
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<tr>
<td>9510</td>
<td>Channel Buoy 11</td>
<td>42-39-03.678N 070-43-25.530W</td>
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*Essex River*

Aids maintained from May. 1 to Oct. 1 unless otherwise noted.

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*Annisquam River*

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<tr>
<td>9590</td>
<td>Plum Cove Ledge Buoy 1</td>
<td>42-40-44.569N 070-40-06.125W</td>
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<td>Green can.</td>
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<td>Position</td>
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<tr>
<td>9600</td>
<td>Entrance Buoy 3</td>
<td>42-40-06.871N 070-40-52.784W</td>
<td>Fl W 7.5s (R sector)</td>
<td>45 W</td>
<td>14 R 11</td>
<td>White cylindrical tower; elevated walk to dwelling.</td>
<td>Red from 180° to 217°: HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-3s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175MHz. Key microphone 5 times consecutively to activate fog signal for 45 minutes.</td>
</tr>
<tr>
<td>9616</td>
<td>Channel Buoy 17</td>
<td>42-38-29.678N 070-40-56.318W</td>
<td>Fl G 2.5s</td>
<td>10</td>
<td>3</td>
<td>SG on black cylindrical structure.</td>
<td>North of rocks.</td>
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<tr>
<td>9620</td>
<td>Channel Buoy 22</td>
<td>42-38-08.791N 070-40-07.976W</td>
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<td>SG on black cylindrical structure.</td>
<td>North of rocks.</td>
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<tr>
<td>9621</td>
<td>CHANNEL LIGHT 25</td>
<td>42-38-07.728N 070-40-06.606W</td>
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<td>3</td>
<td>SG on black cylindrical structure.</td>
<td>North of rocks.</td>
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**MASSACHUSETTS - First District**

**IPSWICH BAY TO GLOUCESTER HARBOR (Chart 13279)**

**Annisquam River**
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<tr>
<td>9790</td>
<td>Channel Buoy 49</td>
<td>42-36-46.472N 070-40-42.637W</td>
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<td>42-36-44.972N 070-40-42.637W</td>
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<td>Green can.</td>
<td>Green can.</td>
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<td>CHANNEL LIGHT 48</td>
<td>42-36-47.358N 070-40-44.814W</td>
<td>Fl R 4s</td>
<td>42-36-45.858N 070-40-44.814W</td>
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<td>TR on box on black cylindrical structure.</td>
<td>TR on box on black cylindrical structure.</td>
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<tr>
<td>9875</td>
<td>Dog Bar Channel Buoy 1DB</td>
<td>42-35-00.236N 070-40-31.014W</td>
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<td>3</td>
<td>6</td>
<td>Red.</td>
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<tr>
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<td>Mayflower Ledge Buoy 8</td>
<td>42-36-02.744N 070-40-06.099W</td>
<td>Fl G 4s</td>
<td>4</td>
<td>6</td>
<td>Red nun.</td>
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<tr>
<td>9895</td>
<td>TEN POUND ISLAND LIGHT</td>
<td>42-36-06.700N 070-39-56.000W</td>
<td>Iso R 6s</td>
<td>57</td>
<td>5</td>
<td>White conical tower.</td>
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**Gloucester Inner Harbor**

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**Gloucester Harbor**

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**DANGER ROCKS**
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<tr>
<td>9965</td>
<td>Buoy 3</td>
<td>42-31-08.856N 070-45-04.372W</td>
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<tr>
<td>9970</td>
<td>Buoy 5</td>
<td>42-31-46.005N 070-45-43.084W</td>
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<td>Green can.</td>
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<tr>
<td>9975</td>
<td>Bakers Island Light</td>
<td>42-32-11.200N 070-47-09.300W</td>
<td>Al WR 20s</td>
<td>111</td>
<td>W 16  R 14</td>
<td>White conical tower. 111</td>
<td>Emergency light, Fl W 10s when main light extinguished. Light and Horn is reduced intensity when main light or horn is extinguished. HORN: 1 blast ev 30s (3s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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<tr>
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<td>42-32-05.715N 070-46-29.056W</td>
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<td>Green can.</td>
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<tr>
<td>9990</td>
<td>Whaleback Daybeacon 8</td>
<td>42-32-54.725N 070-47-04.629W</td>
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<td>TR on spindle.</td>
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<tr>
<td>10015</td>
<td>Lighted Buoy 10</td>
<td>42-32-34.854N 070-48-01.838W</td>
<td>Fl R 2.5s</td>
<td>4</td>
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<td>Red.</td>
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<td>10026</td>
<td>Bowditch Ledge North Danger</td>
<td>42-32-25.873N 070-48-40.569W</td>
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<td>White with orange bands, can marked DANGER ROCKS</td>
<td>Removed when endangered by ice.</td>
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<tr>
<td>10027</td>
<td>Bowditch Ledge South Danger</td>
<td>42-32-23.899N 070-48-41.010W</td>
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<td>White with orange bands, can marked DANGER ROCKS</td>
<td>Removed when endangered by ice.</td>
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<td>Lighted Buoy 17</td>
<td>42-31-56.244N 070-51-21.273W</td>
<td>Fl G 2.5s</td>
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<td>10065</td>
<td>Abbot Rock Daybeacon</td>
<td>42-31-49.278N 070-51-44.622W</td>
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<td>NR on staff on pyramidal granite base.</td>
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<td>10060</td>
<td>Great Aquavitae Daybeacon</td>
<td>42-31-34.590N 070-51-26.040W</td>
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<td>10070</td>
<td>Little Aquavitae Daybeacon</td>
<td>42-31-34.580N 070-51-11.290W</td>
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<td>- Buoy 20</td>
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<td>10115</td>
<td>- Day beacon 2</td>
<td>42-30-54.400N 070-52-28.300W</td>
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<td>10125</td>
<td>- Lighted Buoy 4</td>
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<td>DERBY WHARF LIGHT</td>
<td>42-30-59.510N 070-53-00.750W</td>
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<td>- Day beacon 5</td>
<td>42-30-57.200N 070-53-02.100W</td>
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<td>- Buoy 1</td>
<td>42-30-52.020N 070-52-57.360W</td>
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<td>- Buoy 2PC</td>
<td>42-30-52.800N 070-52-57.800W</td>
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<td>10131.6</td>
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<td>10133.5</td>
<td>- Buoy 7</td>
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<td>- Buoy 8</td>
<td>42-30-51.000N 070-53-06.100W</td>
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<td>10134.1</td>
<td>- Day beacon 9</td>
<td>42-30-48.900N 070-53-09.200W</td>
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<td>Fl W 4s</td>
<td>28</td>
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<td>- Channel Daybeacon 1</td>
<td>42-30-45.900N 070-52-45.700W</td>
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### SALEM AND LYNN HARBORS (Chart 13275)

#### Dion Yacht Yard

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<td>10137</td>
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<td>42-30-42.500N 070-52-55.700W</td>
<td>TR on pile.</td>
<td>Private aid.</td>
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#### Salem Channel

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#### Salem South Channel

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#### Manchester Channel

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<tr>
<td>10165</td>
<td>Buoy 2</td>
<td>42-33-16.898N 070-47-08.775W</td>
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<tr>
<td>10175</td>
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<td>42-33-35.753N 070-47-11.338W</td>
<td>Green can.</td>
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<td>10200</td>
<td>Buoy 10</td>
<td>42-33-57.662N 070-46-42.171W</td>
<td>Red nun.</td>
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#### Beverly Channel

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<td>(3) Position</td>
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<td>(5) Height</td>
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<td>10300</td>
<td>Danvers River Buoy 5</td>
<td>42-32-47.665N 070-54-25.289W</td>
<td>Green can.</td>
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<tr>
<td>10305</td>
<td>Danvers River Buoy 6</td>
<td>42-32-42.162N 070-54-38.971W</td>
<td>Red nun.</td>
<td></td>
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<tr>
<td>10350</td>
<td>Bass River Channel - Channel Buoy 7</td>
<td>42-32-42.913N 070-53-22.760W</td>
<td>Green can.</td>
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<td>10360</td>
<td>Eagle Island Channel Hardy Rock Daybeacon HR</td>
<td>42-32-10.194N 070-47-59.610W</td>
<td>NR on spindle.</td>
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## Childrens Island Channel

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<tr>
<td>10400</td>
<td>Buoy 7</td>
<td>42-30-59.235N 070-48-46.628W</td>
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## Marblehead Channel

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<tbody>
<tr>
<td>10420</td>
<td>Tom Moore Rock Buoy 1A</td>
<td>42-29-42.000N 070-49-39.500W</td>
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## Marblehead Harbor

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<tr>
<td>10440</td>
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<tr>
<td>10450</td>
<td>MARBLEHEAD LIGHT</td>
<td>42-30-19.445N 070-50-01.469W</td>
<td>F G</td>
<td>130</td>
<td></td>
<td></td>
<td>Square skeleton tower, brown to gallery, black above..</td>
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## Marblehead Channel

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<tr>
<td>10455</td>
<td>Kettle Bottom Ledge Daybeacon 1</td>
<td>42-31-08.838N 070-50-10.788W</td>
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<td>SG on monopole.</td>
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<td>Green can with red bands.</td>
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<tr>
<td>10545</td>
<td>Joe Beach Isolated Danger Buoy DJB</td>
<td>42-24-53.590N</td>
<td>Black and red bands with two black spherical topmarks; can.</td>
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<tr>
<td>10550</td>
<td>Bass Rock Isolated Danger Buoy DBR</td>
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<td>Black and red bands with two black spherical topmarks; can.</td>
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<tr>
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<td>10675</td>
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<td>42-26-35.708N</td>
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**Saugus River Approach Channel**

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**BOSTON HARBOR (Chart 13270)**

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<tbody>
<tr>
<td>10676</td>
<td>Boston Lighted Whistle Buoy 8</td>
<td>42-22-42.155N</td>
<td>Mo (A) W</td>
<td>6</td>
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<td>Red and white stripes with red spherical topmark.</td>
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<tr>
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<td></td>
<td>070-51-29.057W</td>
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<td>AIS: MMSI 993672145</td>
<td>(21)</td>
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<td>070-51-28.446W</td>
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<td></td>
<td>Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>070-52-08.700W</td>
<td>0.1s fl 1.8s ec.</td>
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<td>98</td>
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<td>0.1s fl 10s ec.</td>
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**Boston North Channel**

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<tr>
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### BOSTON HARBOR (Chart 13270)

#### Boston North Channel

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<td>42-21-26.600N</td>
<td>Fl G 2.5s</td>
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<td><strong>Little Faun Shoal.</strong></td>
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<td>Green and red bands.</td>
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<td>10736</td>
<td><strong>Boston Pilots Mooring Buoy</strong></td>
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#### Boston South Channel

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<td><strong>Entrance Buoy 1</strong></td>
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#### President Roads

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<td>10790</td>
<td><strong>Nixes Mate Lighted Buoy 15</strong></td>
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<td>10795</td>
<td><strong>Deer Island Light</strong> Southwest of old stone foundation.</td>
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#### Long Island Head Light

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<td><strong>LONG ISLAND HEAD LIGHT</strong></td>
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<td>White cylindrical tower.</td>
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<td>10815</td>
<td><strong>Anchorage Gong Buoy A</strong></td>
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<td>10820</td>
<td><strong>Anchorage Lighted Buoy B</strong></td>
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**AIS:** MMSI 993672071 (21)
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**BOSTON INNER HARBOR (Chart 13272)**

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<td>Boston Main Channel LIGHT 5</td>
<td>42-20-00.162N 071-00-03.732W</td>
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**Logan Airport Security Zone**

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**Logan Airport Security Zone**

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<td>Lighted Buoy 30</td>
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<td>New England Aquarium Intake Buoy</td>
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**BOSTON HARBOR (Chart 13270)**

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**Squantum Channel**

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**Dorchester Bay Basin**

_Aids maintained from May 1 to Dec. 1._

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**Neponset River**

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**Nantasket Roads (Southern Approach)**

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<td>Boston Light</td>
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<td>Emergency light of reduced intensity when main light is extinguished. Two emergency lights may be visible from 336° to 001° and from 156° to 181°. HORN: 1 blast ev 30s (3s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175MHz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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**LITTLE BREWSTER ISLAND DOCK LIGHT**

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<td>octagonal pyramid on square granite</td>
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**Remarks:**

- Nantasket Roads Channel Lighted Buoy TN: Lighted Buoy TN corrected through LNM week: 24/19.
- Nantasket Roads Channel Buoy 10: Buoy 10 corrected through LNM week: 24/19.
- Nantasket Roads Channel Lighted Buoy 11: Lighted Buoy 11 corrected through LNM week: 24/19.
- Nantasket Roads Bell Buoy 10A: Bell Buoy 10A corrected through LNM week: 24/19.
- Nantasket Roads Channel Lighted Buoy 14: Lighted Buoy 14 corrected through LNM week: 24/19.
- Kelly Rock Bell Buoy 2: Bell Buoy 2 corrected through LNM week: 24/19.
- Day beacon 2A: Day beacon 2A corrected through LNM week: 24/19.
- Georges Island Rocks Lighted Buoy 3: Lighted Buoy 3 corrected through LNM week: 24/19.
- LIGHT 4: LIGHT 4 corrected through LNM week: 24/19.
- Bell Buoy 5: Bell Buoy 5 corrected through LNM week: 24/19.
- Buoy 6: Buoy 6 corrected through LNM week: 24/19.
- GALLOPS ISLAND LIGHT 7: Lighted Buoy 7 corrected through LNM week: 24/19.
- Georges Island Lighted Hazard Buoy A: Hazard Buoy A corrected through LNM week: 24/19.
- Georges Island Lighted Hazard Buoy B: Hazard Buoy B corrected through LNM week: 24/19.
- Georges Island Lighted Hazard Buoy C: Hazard Buoy C corrected through LNM week: 24/19.
- Georges Island Lighted Hazard Buoy D: Hazard Buoy D corrected through LNM week: 24/19.
- Kelly Rock Bell Buoy 2: Bell Buoy 2 corrected through LNM week: 24/19.
- Day beacon 2A: Day beacon 2A corrected through LNM week: 24/19.
- Georges Island Rocks Lighted Buoy 3: Lighted Buoy 3 corrected through LNM week: 24/19.
- LIGHT 4: LIGHT 4 corrected through LNM week: 24/19.
- Bell Buoy 5: Bell Buoy 5 corrected through LNM week: 24/19.
- Buoy 6: Buoy 6 corrected through LNM week: 24/19.
- GALLOPS ISLAND LIGHT 7: Lighted Buoy 7 corrected through LNM week: 24/19.
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<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
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<td>Green and red bands; can.</td>
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</table>
**MASSACHUSETTS - First District**

### BOSTON HARBOR (Chart 13270)

#### Peddocks Island Channel

**Western Way**

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<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
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**Wollaston Channel**

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<th>Name and Location</th>
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**Light List corrected through LNM week: 24/19**
BOSTON HARBOR (Chart 13270)

Wollaston Channel

- Buoy 4
  11601  42-16-55.984N  071-00-34.138W  Red nun.  Maintained from Apr. 1 to Nov. 1.

Houghs Neck Channel

- Buoy 1
  11620  42-16-31.188N  070-56-37.910W  Green can.

- Buoy 2

Spiers Stand

- Day beacon
  11635  42-16-17.256N  070-56-36.570W  NW on pile worded DANGER ROCKS.

Hingham Bay

Weymouth Fore River

Aids maintained from Apr. 15 to Oct. 30.

- Channel Lighted Buoy 2

- Channel Lighted Buoy 3

- Channel Lighted Buoy 4

- Channel Lighted Buoy 5

- Channel Lighted Buoy 6

- Channel Lighted Buoy 7
  11670  42-17-12.905N  070-55-47.992W  Fl R 2.5s  3  Red.  Replace by nun when endangered by ice.

- Channel Lighted Buoy 8

- Channel Lighted Buoy 9
  11685  42-17-03.064N  070-55-47.237W  Fl G 2.5s  3  Green.  Replace by can when endangered by ice. AIS: MMSI 993672284 (21)

- Channel Lighted Buoy 10

- Channel Lighted Buoy 11
  11695  42-16-38.816N  070-55-55.817W  Fl (2+1)R 6s  3  Red and green bands.  Replace by nun when endangered by ice. AIS: MMSI 993672281 (21)

- Channel Lighted Buoy 12
  11700  42-16-49.358N  070-55-51.169W  Fl G 4s  3  Green.  Replace by can when endangered by ice.

- Channel Lighted Buoy 13
  11706  42-16-23.465N  070-55-54.115W  Fl R 2.5s  3  Red.  Replace by nun when endangered by ice. AIS: MMSI 993672285 (21)
### Massachusetts - First District

#### Hingham Bay

**Weymouth Fore River**  
Aids maintained from Apr. 15 to Oct. 30.

<table>
<thead>
<tr>
<th>No.</th>
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<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
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<tbody>
<tr>
<td>11710</td>
<td>- CHANNEL LIGHT 13</td>
<td>42-16-16.236N 070-55-46.998W</td>
<td>Q G</td>
<td>28</td>
<td>4</td>
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<td>SG on black skeleton tower on pile structure.</td>
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<td>11715</td>
<td>- CHANNEL LIGHT 16</td>
<td>42-16-03.095N 070-56-56.472W</td>
<td>Fl R 2.5s</td>
<td>28</td>
<td>4</td>
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<td>TR on skeleton tower on a pile structure.</td>
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<tr>
<td>11720</td>
<td>Weymouth Back River Lighted Buoy BR</td>
<td>42-16-00.158N 070-56-05.155W</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
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<td>Green and red bands.</td>
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<td>11725</td>
<td>- Channel Lighted Buoy 17</td>
<td>42-15-44.179N 070-56-14.238W</td>
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#### Braintree Yacht Club Channel

Aids maintained from Apr. 15 to Oct. 30.

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### Light List corrected through LNM week: 24/19

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<td>Green can.</td>
<td>Private aid.</td>
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### Town River Bay

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<td>42-14-57.064N 070-57-59.894W</td>
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<td>AIS: MMSI 993672292 (21)</td>
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### Weymouth Back River

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<tr>
<td>11885</td>
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<td>Private aid.</td>
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<td>42-18-06.845N</td>
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<td>BOSTON HARBOR (Chart 13270)</td>
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<td>16</td>
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<td>16</td>
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<td>TR on skeleton tower, on cylindrical base.</td>
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**COHASSET AND SCITUATE HARBORS (Chart 13269)**

**Cohasset Harbor**

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<th>Name and Location</th>
<th>Position</th>
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<td>12220</td>
<td>Cohasset Gangway Lighted Bell Buoy 1G</td>
<td>42-16-08.047N 070-46-22.635W</td>
<td>Fl G 6s</td>
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**Cohasset Eastern Channel**

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**Scituate Harbor Approach**

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<td>455</td>
<td>Scituate Approach Lighted Gong Buoy SA</td>
<td>42-12-07.545N 070-41-49.344W</td>
<td>Mo (A) W</td>
<td>4</td>
<td></td>
<td>Red and white stripes with red spherical topmark. AIS: MMSI 993672146 (21)</td>
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**Scituate Harbor**

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### COHASSET AND SCIITUATE HARBORS (Chart 13269)

#### Scituate Harbor

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### MASSACHUSETTS BAY (Chart 13267)

#### New Inlet

**Positions of buoys frequently shifted with changing conditions.**

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#### New Inlet

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#### North River

**Positions of buoys frequently shifted with changing conditions. Aids maintained from May 1 to Oct. 31.**

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**Herring River**

*Aids maintained from May 1 to Oct. 31.*

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**PLYMOUTH, KINGSTON AND DUXBURY HARBORS**

(The Chart 13253)

*Green Harbor Approach*

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
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<th>Characteristic</th>
<th>Height</th>
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<td>12500</td>
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<td>Black and red bands with two black spherical topmarks; can.</td>
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**MASSACHUSETTS - First District**

**PLYMOUTH, KINGSTON AND DUXBURY HARBORS (Chart 13253)**

### Green Harbor

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<td>Red from 323° to 352°, covers Mary Ann Rocks. Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 15s (3s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<td>102</td>
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<td>White, octagonal, pyramidal tower, white dwelling. 102</td>
<td>Red from 323° to 352°, covers Mary Ann Rocks. Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 15s (3s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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### Duxbury Bay

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### DUXBURY PIER LIGHT

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## Duxbury Bay

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## Duxbury Bay Beach Channel

Positions of buoys frequently shifted with changing conditions. Use only with local knowledge. Aids maintained from June 1 to Dec. 1.

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<td>Plymouth Boat Yard Buoy 1</td>
<td>41-59-10.800N</td>
<td>Green can.</td>
<td></td>
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<td>Private aid.</td>
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</table>

**Kingston Channel**

*Positions of buoys frequently shifted with changing conditions. Use only with local knowledge. Aids maintained from May 15 to Nov. 1.*

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
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<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>12785</td>
<td>Standish Shore Guzzle Buoy 2S</td>
<td>42-00-07.800N</td>
<td>Red nun.</td>
<td></td>
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<td>12795</td>
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<tr>
<td>12825</td>
<td>Buoy 16</td>
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<tr>
<td>12830</td>
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<tr>
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### Light List corrected through LNM week: 24/19

**The Nummet Channel**

**Kingston Channel**

*Positions of buoys frequently shifted with changing conditions. Use only with local knowledge.* Aids maintained from May 15 to Nov. 1.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
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<tr>
<td>12900</td>
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**Plymouth Harbor**

*Positions of buoys are frequently shifted with changing conditions.*

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<tr>
<td>12905</td>
<td>The Nummet Channel Buoy NC</td>
<td>41-59-03.361N</td>
<td>Red and green</td>
<td>bands.</td>
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<td>12910</td>
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<td>41-59-06.772N</td>
<td>Fl G 4s</td>
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<td>Removed when endangered by ice.</td>
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<td>12925</td>
<td>CHANNEL LIGHT 12</td>
<td>41-58-47.270N</td>
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<td>16</td>
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<td>TR on skeleton tower on black cylindrical pier.</td>
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<td>12935</td>
<td>Plymouth Beach Jetty Day beacon</td>
<td>41-58-46.291N</td>
<td>NW on spindle on granite cribwork worded &quot;DANGER SUBMERGED JETTY.&quot;</td>
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<td>41-57-41.262N</td>
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**Pilgrim Power Plant Security Zone**

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<th>Characteristic</th>
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<tr>
<td>13027</td>
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<td>13028</td>
<td>Lighted Buoy C</td>
<td>41-57-13.056N</td>
<td>Fi W 4s</td>
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<td>Marked &quot;Restricted Area&quot;. Private aid.</td>
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<td>No.</td>
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<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
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<tr>
<td>13029</td>
<td>Buoy D</td>
<td>41-57-08.346N 070-34-35.928W</td>
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<td>13031</td>
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<td>41-57-00.792N 070-34-24.216W</td>
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<tr>
<td>13033</td>
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<td>41-56-52.188N 070-34-12.948W</td>
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<tr>
<td>13034</td>
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<td>41-56-47.802N 070-34-05.664W</td>
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<tr>
<td>13034.2</td>
<td>Buoy K</td>
<td>41-56-40.538N 070-34-03.264W</td>
<td>Fl R 5s</td>
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<td>White with orange bands. Marked &quot;Restricted Area&quot;. Private aid.</td>
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<tr>
<td>13034.3</td>
<td>Buoy L</td>
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<td>White with orange bands. Marked &quot;Restricted Area&quot;. Private aid.</td>
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**CAPE COD CANAL Approach**

<table>
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<tr>
<th>No.</th>
<th>Name and Location</th>
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<th>Characteristic</th>
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<tr>
<td>13037</td>
<td>WHG Research Lighted Buoy W</td>
<td>41-50-25.038N 070-19-43.068W</td>
<td>Fl (S)Y 20s</td>
<td>4</td>
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<td>Yellow</td>
<td>AIS: MMSI 993672152 (21)</td>
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<tr>
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<td>Lighted Buoy 1</td>
<td>41-47-05.783N 070-28-06.496W</td>
<td>Fl G 2.5s</td>
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<td>Green</td>
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**CAPE COD CANAL Eastern Entrance**

<table>
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<th>Characteristic</th>
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<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>13050</td>
<td>CAPE COD CANAL BREAKWATER LIGHT 6</td>
<td>41-46-47.220N 070-29-23.280W</td>
<td>Fl R 5s</td>
<td>43</td>
<td></td>
<td>TR on red cylindrical.</td>
<td>HORN: 1 blast ev 15s (2s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
</tr>
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<td>13065</td>
<td>Lighted Buoy 4</td>
<td>41-46-49.682N 070-29-17.303W</td>
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<tr>
<td>13070</td>
<td>Buoy 5</td>
<td>41-46-38.683N 070-29-24.909W</td>
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<tr>
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<td>Buoy 7</td>
<td>41-46-34.777N 070-29-36.374W</td>
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<tr>
<td>13080</td>
<td>RANGE FRONT LIGHT</td>
<td>41-46-17.714N 070-30-32.515W</td>
<td>Oc G 4s</td>
<td>38</td>
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<td>KRW on skeleton tower. Visible 4° each side of range line.</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
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<td>Structure</td>
<td>Remarks</td>
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<td>13090</td>
<td>Entrance Lighted Bell Buoy BH</td>
<td>41-45-16.390N</td>
<td>Mo (A) W</td>
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<td>Red and white stripes with red spherical topmark.</td>
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<td></td>
<td>070-16-25.678W</td>
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<td>Green can.</td>
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<tr>
<td>13095</td>
<td>Entrance Buoy 1</td>
<td>41-44-42.678N</td>
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<td>070-16-12.417W</td>
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<td>Replaced by nun from Oct. 15 to Apr. 15.</td>
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<td>Red.</td>
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<tr>
<td></td>
<td>On south-southeast side of shoal.</td>
<td>070-17-04.478W</td>
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<tr>
<td></td>
<td>Marks north side of Baxter Rock.</td>
<td>070-17-25.230W</td>
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<td>13135</td>
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<td>Fi G 4s</td>
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<td>070-17-59.500W</td>
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<td>Maraspin Creek Day beacon 4</td>
<td>41-42-38.900N</td>
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<td>070-18-04.300W</td>
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<td>070-18-03.600W</td>
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<td>13135.5</td>
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<td>13135.6</td>
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<td>070-18-05.200W</td>
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<td>Private aid.</td>
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<td>13135.7</td>
<td>Maraspin Creek Day beacon 8</td>
<td>41-42-31.900N</td>
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<td>Maintained from Jun 1 to Nov 1. Private aid.</td>
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<td>13135.8</td>
<td>Maraspin Creek Day beacon 9</td>
<td>41-42-32.600N</td>
<td>SG</td>
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<td>41-42-29.900N</td>
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<td>070-18-03.300W</td>
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<td>Maraspin Creek Day beacon 11</td>
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<td>070-18-17.700W</td>
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<td>070-18-33.800W</td>
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<td>Private aid.</td>
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<td>Salten Point Buoy 6</td>
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<td>Danger Buoy</td>
<td>41-45-31.500N</td>
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<td>White with orange bands.</td>
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<td>WEST JETTY LIGHT 2</td>
<td>41-45-31.520N 070-09-22.380W</td>
<td>Fl R 2.5s</td>
<td>12</td>
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<tr>
<td>13155</td>
<td>East Jetty Daybeacon 3</td>
<td>41-45-30.520N 070-09-18.300W</td>
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<td>41-45-25.800N 070-09-17.700W</td>
<td>Fl R 2s</td>
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<td>13161</td>
<td>ROCK HARBOR EAST JETTY LIGHT</td>
<td>41-48-02.360N 070-00-32.730W</td>
<td>Fl G 4s</td>
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<td>13162</td>
<td>ROCK HARBOR WEST JETTY LIGHT</td>
<td>41-48-00.540N 070-00-31.620W</td>
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<tr>
<td>13174</td>
<td>James Longstreet Isolated Danger Lighted Buoy DJ</td>
<td>41-49-52.577N 070-02-40.455W</td>
<td>Fl (2)W 5s</td>
<td>4</td>
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<td>Black and red bands with two black spherical topmarks. Replaced by can when endangered by ice.</td>
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<tr>
<td>13205</td>
<td>Channel Buoy 11</td>
<td>41-54-31.680N 070-02-22.326W</td>
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<td>13210</td>
<td>Channel Buoy 12</td>
<td>41-55-05.523N 070-02-20.463W</td>
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<td>13220</td>
<td>BREAKWATER LIGHT 14</td>
<td>41-55-31.477N 070-02-06.990W</td>
<td>Fl R 2.5s</td>
<td>16</td>
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<tr>
<td>13221</td>
<td>Buoy 14A</td>
<td>41-55-35.000N 070-02-06.000W</td>
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<td>Red nun. Private aid.</td>
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<tr>
<td>13225</td>
<td>Channel Buoy 15</td>
<td>41-55-36.152N 070-02-08.017W</td>
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<td>Green can.</td>
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**Duck Creek**

Aids maintained from Apr. 15 to Oct. 15.

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<tr>
<td>13235</td>
<td>Buoy 1</td>
<td>41-55-43.000N 070-01-40.000W</td>
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<td>13245</td>
<td>Buoy 3</td>
<td>41-55-44.000N 070-01-29.900W</td>
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<td>Green can. Private aid.</td>
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</table>
**MASSACHUSETTS - First District**

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<tr>
<td>13250</td>
<td>- Buoy 4</td>
<td>41-55-43.300N 070-01-29.400W</td>
<td>Fl G 4s</td>
<td>45</td>
<td>13</td>
<td>Light may also be displayed during daytime when sound signal is in operation. HORN: 1 blast ev 30s (3s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
<td></td>
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<tr>
<td>13255</td>
<td>- Buoy 5</td>
<td>41-55-47.300N 070-01-26.900W</td>
<td>Fl G 4s</td>
<td>36</td>
<td>8</td>
<td>White square tower. 39</td>
<td></td>
</tr>
<tr>
<td>13260</td>
<td>- Buoy 6</td>
<td>41-55-46.900N 070-01-25.700W</td>
<td>Fl G 4s</td>
<td>45</td>
<td>13</td>
<td>Light may also be displayed during daytime when sound signal is in operation. HORN: 1 blast ev 30s (3s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<tr>
<td>13260.1</td>
<td>PAMET RIVER NORTH BREAKWATER LIGHT 1</td>
<td>41-59-32.100N 070-04-48.000W</td>
<td>Fl G 4s</td>
<td>45</td>
<td>13</td>
<td>Light may also be displayed during daytime when sound signal is in operation. HORN: 1 blast ev 30s (3s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<tr>
<td>13260.2</td>
<td>Pamet River Entrance Lighted Buoy 2</td>
<td>41-59-30.000N 070-04-49.900W</td>
<td>Fl R 4s</td>
<td>32</td>
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<td>TR on spindle.</td>
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</tr>
<tr>
<td>13260.4</td>
<td>Pamet River Buoy 4</td>
<td>41-59-30.600N 070-04-45.700W</td>
<td>Fl G 4s</td>
<td>45</td>
<td>13</td>
<td>Light may also be displayed during daytime when sound signal is in operation. HORN: 1 blast ev 30s (3s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<tr>
<td>13260.7</td>
<td>Pamet River Buoy 7</td>
<td>41-59-31.600N 070-04-34.000W</td>
<td>Fl G 4s</td>
<td>45</td>
<td>13</td>
<td>Light may also be displayed during daytime when sound signal is in operation. HORN: 1 blast ev 30s (3s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<tr>
<td>13260.9</td>
<td>Pamet River Buoy 10</td>
<td>41-59-30.300N 070-04-27.300W</td>
<td>Fl G 4s</td>
<td>45</td>
<td>13</td>
<td>Light may also be displayed during daytime when sound signal is in operation. HORN: 1 blast ev 30s (3s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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</tr>
<tr>
<td>13255</td>
<td>- Lighted Bell Buoy 1</td>
<td>42-00-21.959N 070-11-33.348W</td>
<td>Fl G 4s</td>
<td>45</td>
<td>13</td>
<td>Light may also be displayed during daytime when sound signal is in operation. HORN: 1 blast ev 30s (3s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
<td></td>
</tr>
<tr>
<td>13270</td>
<td>Race Point Coast Guard Station Mooring Buoy C</td>
<td>42-02-00.514N 070-10-39.256W</td>
<td>Fl R 10s</td>
<td>32</td>
<td>5</td>
<td>TR on spindle.</td>
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<tr>
<td>13275</td>
<td>Wood End Light</td>
<td>42-01-16.800N 070-11-36.500W</td>
<td>Fl R 10s</td>
<td>32</td>
<td>5</td>
<td>TR on spindle.</td>
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<tr>
<td>13280</td>
<td>Long Point Shoal Lighted Bell Buoy 3</td>
<td>42-02-02.561N 070-09-40.413W</td>
<td>Oc G 4s</td>
<td>36</td>
<td>8</td>
<td>White square tower. 39</td>
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<tr>
<td>13283</td>
<td>Provincetown Harbor Mooring Buoy E</td>
<td>42-02-10.301N 070-10-43.654W</td>
<td>Fl G 4s</td>
<td>45</td>
<td>13</td>
<td>Light may also be displayed during daytime when sound signal is in operation. HORN: 1 blast ev 30s (3s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<tr>
<td>13285</td>
<td>PROVINCETOWN HARBOR BREAKWATER WEST END LIGHT 4</td>
<td>42-02-45.533N 070-10-52.025W</td>
<td>Fl R 2.5s</td>
<td>32</td>
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<td>TR on spindle.</td>
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<tr>
<td>13290</td>
<td>PROVINCETOWN HARBOR BREAKWATER EAST END LIGHT 5</td>
<td>42-03-05.080N 070-10-32.707W</td>
<td>Fl G 6s</td>
<td>32</td>
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<td>SG on spindle.</td>
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<tr>
<td>13300</td>
<td>HIGH HEAD FISH TRAP LIGHT</td>
<td>42-02-45.000N 070-07-17.000W</td>
<td>Fl Y 4s</td>
<td>10</td>
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<td>White sign with black numerals. Maintained from 15 March to 01 July. Private aid.</td>
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<tr>
<td>13301</td>
<td>Provincetown Aquaculture Lighted Buoy A</td>
<td>42-03-01.500N 070-09-31.000W</td>
<td>Fl Y 4s</td>
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<td>White sign with black numerals. Maintained from 15 March to 01 July. Private aid.</td>
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<tr>
<td>13301.1</td>
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<td>42-03-04.800N 070-09-29.600W</td>
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<td>White sign with black numerals. Maintained from 15 March to 01 July. Private aid.</td>
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<td>13301.2</td>
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<td>42-02-43.000N 070-08-12.000W</td>
<td>Fl Y 4s</td>
<td>10</td>
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<td>White sign with black numerals. Maintained from 15 March to 01 July. Private aid.</td>
<td></td>
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<tr>
<td>No.</td>
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<td>Height</td>
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<td>13301.3</td>
<td>Provincetown Aquaculture Lighted Buoy D</td>
<td>Fl Y 4s</td>
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<td>Yellow. Private aid.</td>
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<tr>
<td>13305</td>
<td>Chatham Inlet Bar Guide Light</td>
<td>Fl Y 2.5s</td>
<td>62</td>
<td>11</td>
<td></td>
<td>NW on Pole worded DANGER ROUGH BAR. 30 Light flashing: bar condition two foot breaking seas or greater. Light extinguished: lesser sea conditions but with no guarantee that bar is safe.</td>
<td></td>
</tr>
</tbody>
</table>

**MASSACHUSETTS - First District**

**CAPE COD BAY (Chart 13246)**

**Provincetown Harbor Approach**

| Light List corrected through LNM week: 24/19 |

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Characteristic</th>
<th>Height</th>
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<tr>
<td>13306</td>
<td>Buoy A</td>
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<td>Red and white sphere. Private aid.</td>
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<tr>
<td>13306.1</td>
<td>Buoy B</td>
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<td></td>
<td>Red and white sphere. Private aid.</td>
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<tr>
<td>13306.2</td>
<td>Buoy C</td>
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<td>Red and white sphere. Private aid.</td>
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<td>Buoy D</td>
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<td>13306.4</td>
<td>Buoy E</td>
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<td>Buoy F</td>
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<tr>
<td>13306.6</td>
<td>Buoy G</td>
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<td>Red and white sphere. Private aid.</td>
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<td>13306.7</td>
<td>Buoy H</td>
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<td>Buoy I</td>
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<td>Buoy J</td>
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<td>13308.51</td>
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</table>

**Chatham Midchannel**

**NANTUCKET SOUND AND APPROACHES (Chart 13237)**

**Chatham Harbor Approach**

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<th>Characteristic</th>
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<tr>
<td>13309</td>
<td>Buoy 1</td>
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<td>Green can. Positions of buoys frequently shifted with changing conditions. Private aid.</td>
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<tr>
<td>13315</td>
<td>Buoy 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Green can. Positions of buoys frequently shifted with changing conditions. Private aid.</td>
</tr>
<tr>
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<td>Buoy 5</td>
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<td>Green can. Private aid.</td>
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<tr>
<td>13333</td>
<td>North Beach Cut Mid-Channel Buoy A</td>
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<td>Red and white sphere. Private aid.</td>
</tr>
<tr>
<td>13333.1</td>
<td>North Beach Cut Mid-Channel Buoy B</td>
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<td></td>
<td>Red and white sphere. Private aid.</td>
</tr>
<tr>
<td>(1) No.</td>
<td>(2) Name and Location</td>
<td>(3) Position</td>
<td>(4) Characteristic</td>
<td>(5) Height</td>
<td>(6) Range</td>
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<td>North Beach Cut Mid-Channel Buoy C</td>
<td>41-42-01.920N</td>
<td>Red and white sphere.</td>
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<td>North Beach Cut Mid-Channel Buoy F</td>
<td>41-42-25.680N</td>
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<td>North Beach Cut Mid-Channel Buoy G</td>
<td>41-42-24.720N</td>
<td>Red and white sphere.</td>
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<td>North Beach Cut Mid-Channel Buoy H</td>
<td>41-42-24.780N</td>
<td>Red and white sphere.</td>
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**Little Pleasant Bay**

*Aids maintained from May 1 to Nov. 1, unless otherwise noted.*

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**Ryder Cove**

*Aids maintained from May 15 to Nov. 1 unless otherwise noted.*

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### CHATHAM HARBOR AND PLEASANT BAY (Chart 13248)

#### Ryder Cove

*Aids maintained from May 15 to Nov. 1 unless otherwise noted.*

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#### Town Cove

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### NANTUCKET SOUND AND APPROACHES (Chart 13237)

#### Pollock Rip Channel

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<td>Red from 281° to 331°, covers Squash Meadow and Norton Shoal.</td>
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<td>HORN: 1 blast ev 30s (3s bl). MRASS-Fog signal is radio activated,</td>
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<td>during times of reduced visibility, turn marine VHF-FM radio to channel</td>
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<td>83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog</td>
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<td>On pile at offshore end of trap. Maintained from Mar. 1 to Oct. 1. Private aid.</td>
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Chatham Roads
Aids maintained from Mar. 1 to Oct. 30 unless otherwise noted.

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Stage Harbor
Positions of buoys frequently shifted with changing conditions. Use only with local knowledge.

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<td>NANTUCKET SOUND AND APPROACHES (Chart 13237)</td>
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<td>Positions of buoys frequently shifted with changing conditions. Use only with local knowledge.</td>
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Light List corrected through LNM week: 24/19

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### NANTUCKET SOUND AND APPROACHES (Chart 13237)

#### Bass River

Aids maintained from May 15 to Nov. 15 unless otherwise noted.

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#### Weir Creek

Aids maintained from May 15 to Nov. 15 unless otherwise noted.

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### NANTUCKET SOUND AND APPROACHES (Chart 13237)

#### Bass River

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#### Weir Creek

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#### Grand Cove

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#### Bass River

Aids maintained from May 15 to Nov. 15 unless otherwise noted.

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#### Bishop and Clerks

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#### Hyannis Harbor

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**Hyannis Yacht Club**

*Aids maintained from May 1 to Nov. 1.*

**Lewis Bay**
### NANTUCKET SOUND AND APPROACHES (Chart 13237)

#### Lewis Bay

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<th>No.</th>
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#### Englewood Channel

**Aids maintained from May 15 to Nov. 15.**

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#### Centerville Harbor Approach

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#### Centerville River

**Aids maintained from Jun. 1 to Nov. 1 unless otherwise noted.**

**Positions of buoys frequently shifted with changing conditions.**

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**West Bay Inside**

Aids maintained from Jun. 1 to Nov. 1 unless otherwise noted.

Positions of buoys frequently shifted with changing conditions.

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**North Bay Channel**

Aids maintained from Jun. 1 to Nov. 1 unless otherwise noted.

Positions of buoys frequently shifted with changing conditions.

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**Popponesett Bay**  
*Aids maintained from May 15 to Oct. 15.*

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Popponesett Spit Channel  
*Aids maintained from May 15 to Oct. 15.*

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Popponesett Bay Md-Channel  
*Popponesett Bay*  
*Aids maintained from May 15 to Oct. 15.*

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Santuit River Mid-Channel  
*Aids maintained from May 15 to Oct. 15.*

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North Channel

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### NANTUCKET SOUND AND APPROACHES (Chart 13237)

#### North Channel

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<td>14780</td>
<td>Wreck Shoal Lighted Bell Buoy 8 Off east point of shoal.</td>
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#### Waquoit Bay

Aids maintained Apr. 15 to Oct. 15. Positions of buoys frequently shifted with changing conditions.

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#### Little River Entrance

Aids maintained from May 15 to Oct. 15.

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# NANTUCKET SOUND AND APPROACHES (Chart 13237)  
## Waquoit Bay

### Little River Entrance
**Aids maintained from May 15 to Oct. 15.**

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### Great River
**Aids maintained from May 15 to Oct. 15.**

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<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>14872.1</td>
<td>Lighted Buoy G1</td>
<td>41-33-39.400N 070-30-44.000W</td>
<td>Fl G 2.5s</td>
<td>Green.</td>
<td>Private aid.</td>
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### Seapit River
**Aids maintained from May 15 to Oct. 15.**

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<tbody>
<tr>
<td>14875</td>
<td>Buoy 1</td>
<td>41-34-21.840N 070-31-47.100W</td>
<td>Fl R 2.5s</td>
<td>Green. can.</td>
<td>Private aid.</td>
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<tr>
<td>14880</td>
<td>Buoy 2</td>
<td>41-34-20.640N 070-31-45.420W</td>
<td>Fl R 2.5s</td>
<td>Red nun.</td>
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<tr>
<td>14885</td>
<td>Buoy 3</td>
<td>41-34-23.940N 070-31-45.420W</td>
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<tr>
<td>14895</td>
<td>Buoy 6</td>
<td>41-34-27.600N 070-31-40.740W</td>
<td>Fl R 2.5s</td>
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<tr>
<td>14900</td>
<td>Buoy 7</td>
<td>41-34-27.960N 070-31-39.960W</td>
<td>Fl R 2.5s</td>
<td>Green can.</td>
<td>Private aid.</td>
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### Eel Pond
**Aids maintained from May 15 to Oct. 15.**

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<tr>
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<tbody>
<tr>
<td>14925</td>
<td>WEST JETTY LIGHT 3</td>
<td>41-33-03.000N 070-32-52.000W</td>
<td>Fl G 4s</td>
<td>SG on pile.</td>
<td>Private aid.</td>
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<tr>
<td>14935</td>
<td>Buoy 6</td>
<td>41-33-06.000N 070-32-53.000W</td>
<td>Fl R 2.5s</td>
<td>Red nun.</td>
<td>Private aid.</td>
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<td>14950</td>
<td>Buoy 9</td>
<td>41-33-14.100N 070-32-52.600W</td>
<td>Fl R 2.5s</td>
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<tr>
<td>14955</td>
<td>Buoy 11</td>
<td>41-33-17.700N 070-32-36.600W</td>
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<td>Green can.</td>
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### Green Pond
**Aids maintained from May 15 to Oct. 15.**

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<th>Structure</th>
<th>Remarks</th>
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<tr>
<td>15030</td>
<td>Harbor Approach Lighted Buoy 2</td>
<td>41-32-38.489N 070-34-10.247W</td>
<td>Fl R 2.5s</td>
<td>3 Red.</td>
<td>Maintained from May 1 to Nov. 1.</td>
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<tr>
<td>15037</td>
<td>Buoy 2</td>
<td>41-32-57.000N 070-34-15.000W</td>
<td>Fl R 2.5s</td>
<td>Red nun.</td>
<td>Private aid.</td>
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<tr>
<td>15038</td>
<td>Buoy 3A</td>
<td>41-32-59.460N 070-34-16.200W</td>
<td>Fl R 2.5s</td>
<td>Green can.</td>
<td>Private aid.</td>
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### Great Pond

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<tr>
<td>15110</td>
<td>FALMOUTH INNER HARBOR LIGHT 1</td>
<td>41-32-31.440N 070-36-29.820W</td>
<td>Fl G 2.5s</td>
<td>25 6</td>
<td>SG on white skeleton tower.</td>
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<tr>
<td>15112</td>
<td>FALMOUTH INNER HARBOR LIGHT 2</td>
<td>41-32-33.000N 070-36-27.000W</td>
<td>Fl R 2.5s</td>
<td>12</td>
<td>TR on pile.</td>
<td>Private aid.</td>
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<tr>
<td>15115</td>
<td>- East Shoal Buoy 17</td>
<td>41-31-05.145N 070-36-41.789W</td>
<td>Green can.</td>
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<tr>
<td>15125</td>
<td>Nobska Point Ledge Buoy 18</td>
<td>41-30-00.533N 070-39-02.507W</td>
<td>Red nun.</td>
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<tr>
<td>15134</td>
<td>Nantucket Sound Coast Guard Mooring Buoy</td>
<td>41-21-00.000N 070-05-00.000W</td>
<td>White sphere with blue stripe.</td>
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<tr>
<td>15140</td>
<td>- Channel Buoy 1</td>
<td>41-18-43.309N 070-06-04.768W</td>
<td>Green can.</td>
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<tr>
<td>15150</td>
<td>NANTUCKET EAST BREAKWATER LIGHT 3</td>
<td>41-18-37.058N 070-06-00.112W</td>
<td>Fl G 4s</td>
<td>30 3</td>
<td>SG on skeleton tower.</td>
<td>White can with orange bands and diamond worded DANGER SUBMERGED JETTY.</td>
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</tr>
<tr>
<td>15160</td>
<td>- RANGE FRONT LIGHT</td>
<td>41-17-23.592N 070-05-32.361W</td>
<td>Q W</td>
<td>35</td>
<td>KRW on white wooden skeleton tower.</td>
<td>Higher intensity beam to seaward. Lighted throughout 24 hours.</td>
<td></td>
</tr>
<tr>
<td>15185</td>
<td>- Channel Buoy 7</td>
<td>41-17-57.591N 070-05-44.958W</td>
<td>Green can.</td>
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<tr>
<td>15195</td>
<td>- Channel Buoy 9</td>
<td>41-17-44.141N 070-05-38.968W</td>
<td>Green can.</td>
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### NANTUCKET SOUND AND APPROACHES (Chart 13237)

#### Nantucket Harbor

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>15205</td>
<td>BRANT POINT LIGHT</td>
<td>41-17-24.060N</td>
<td>Oc R 4s</td>
<td>26</td>
<td>9</td>
<td>White, cylindrical tower, footbridge to shore.</td>
<td></td>
</tr>
</tbody>
</table>

#### Childrens Beach

<table>
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<th>No.</th>
<th>Name and Location</th>
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<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>15206.1</td>
<td>Buoy 3</td>
<td>41-17-18.600N</td>
<td>Red nun.</td>
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<td>Private aid.</td>
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<tr>
<td>15206.2</td>
<td>Buoy 4</td>
<td>41-17-19.100N</td>
<td>Green can.</td>
<td></td>
<td></td>
<td>Private aid.</td>
<td></td>
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<tr>
<td>15206.3</td>
<td>Buoy 5</td>
<td>41-17-18.200N</td>
<td>Green can.</td>
<td></td>
<td></td>
<td>Private aid.</td>
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<tr>
<td>15206.4</td>
<td>Buoy 6</td>
<td>41-17-18.000N</td>
<td>Red nun.</td>
<td></td>
<td></td>
<td>Private aid.</td>
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<tr>
<td>15206.5</td>
<td>Buoy 7</td>
<td>41-17-17.500N</td>
<td>Green can.</td>
<td></td>
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<td>Private aid.</td>
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<tr>
<td>15206.6</td>
<td>Buoy 8</td>
<td>41-17-17.200N</td>
<td>Red nun.</td>
<td></td>
<td></td>
<td>Private aid.</td>
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#### Nantucket Harbor

<table>
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<th>No.</th>
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<th>Height</th>
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<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>15213</td>
<td>NANTUCKET FERRY SLIP 1</td>
<td>41-17-10.560N</td>
<td>F G</td>
<td>14</td>
<td></td>
<td>Green.</td>
<td>Private aid.</td>
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<tr>
<td>15214</td>
<td>NANTUCKET FERRY SLIP 2</td>
<td>41-17-08.880N</td>
<td>F R</td>
<td>14</td>
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<td>Red.</td>
<td>Private aid.</td>
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<tr>
<td>15225</td>
<td>Channel Lighted Buoy 11</td>
<td>41-17-30.721N</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td></td>
<td>Green.</td>
<td>Replaced by can from Nov. 1 to May 1.</td>
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#### Nantucket Inner Harbor

**Aids maintained from June 15 to Oct. 1.**

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<tbody>
<tr>
<td>15230</td>
<td>- Channel Buoy 13</td>
<td>41-17-23.500N</td>
<td>Green can.</td>
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<tr>
<td>15250</td>
<td>- Obstruction Buoy NH</td>
<td>41-17-08.277N</td>
<td>Yellow can.</td>
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#### Island Marine

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<th>Remarks</th>
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<tbody>
<tr>
<td>15255.1</td>
<td>Buoy 1</td>
<td>41-16-54.000N</td>
<td>Green can.</td>
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<td></td>
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<td>Private aid.</td>
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<tr>
<td>15255.3</td>
<td>Buoy 3</td>
<td>41-16-52.100N</td>
<td>Green can.</td>
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<td>Private aid.</td>
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<tr>
<td>15255.4</td>
<td>Buoy 4</td>
<td>41-16-51.800N</td>
<td>Red nun.</td>
<td></td>
<td></td>
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<td>Private aid.</td>
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#### Nantucket Head of Harbor

**Aids maintained from June 15 to Sept. 15.**

<table>
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<th>Remarks</th>
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<tbody>
<tr>
<td>15261</td>
<td>Buoy 2A</td>
<td>41-17-49.100N</td>
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<tr>
<td>15262</td>
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<tr>
<td>15263</td>
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<tr>
<td>15264</td>
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<tr>
<td>15270</td>
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<tr>
<td>15275</td>
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<td>41-18-09.700N</td>
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<td>Private aid.</td>
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<td>(1) No.</td>
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<td>07-02-15.600W</td>
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<td>07-02-06.700W</td>
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<td>07-01-45.900W</td>
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**Polpis Harbor**

Aids maintained from June 15 to Sept. 15.

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<th>(2) Name and Location</th>
<th>(3) Position</th>
<th>(4) Characteristic</th>
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<th>(6) Range</th>
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<th>(8) Remarks</th>
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<tbody>
<tr>
<td>15293.2</td>
<td>- Lighted Buoy 2</td>
<td>41-18-19.500N</td>
<td>Fl R 4s</td>
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<td>07-01-44.800W</td>
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<td>15293.4</td>
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<tr>
<td>15293.5</td>
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<td>07-01-23.800W</td>
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</table>

**Madaket Harbor**

Aids maintained from June 15 to Sept. 15. unless otherwise noted.

<table>
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<tr>
<th>(1) No.</th>
<th>(2) Name and Location</th>
<th>(3) Position</th>
<th>(4) Characteristic</th>
<th>(5) Height</th>
<th>(6) Range</th>
<th>(7) Structure</th>
<th>(8) Remarks</th>
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<tbody>
<tr>
<td>15297</td>
<td>Eel Point Channel Buoy 3</td>
<td>41-18-21.800N</td>
<td>Green can.</td>
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<tr>
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<td>07-11-24.000W</td>
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<tr>
<td>15301</td>
<td>Eel Point Channel Lighted Buoy 4</td>
<td>41-18-23.800N</td>
<td>Q R</td>
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<td>Red.</td>
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<td>07-11-25.700W</td>
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<td>07-11-50.500W</td>
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<tr>
<td>15301.5</td>
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### NANTUCKET SOUND AND APPROACHES (Chart 13237)

#### Madaket Harbor

Aids maintained from June 15 to Sept. 15, unless otherwise noted.

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#### Muskeget Channel

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#### Edgartown Harbor

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**NANTUCKET SOUND AND APPROACHES (Chart 13237)**

**Vineyard Haven**

**Lake Tashmoo**

*Aids maintained from Apr. 1 to Nov. 1 unless otherwise noted.*

15525 - EAST JETTY LIGHT  
Marks end of jetty.  
41-28-04.100N  
070-37-58.100W  
Fl W 3s  
13  
Single metal post.  
Maintained from Apr. 1 to Dec. 1.  

15530 - Buoy 1  
41-27-55.313N  
070-37-48.305W  
Green can.  
Private aid.  

15532 - Buoy 2  
41-28-04.403N  
070-37-59.642W  
Red nun.  
Private aid.  

15535 - Buoy 2A  
41-27-54.511N  
070-37-49.130W  
Red nun.  
Private aid.  

15540 - Buoy 3  
41-27-52.235N  
070-37-42.851W  
Green can.  
Private aid.  

15546 - Channel Daybeacon 4A  
41-27-51.300N  
070-37-44.520W  
TR on pile.  
Private aid.  

15547 - Buoy 5  
41-27-48.000N  
070-37-37.740W  
Green can.  
Private aid.  

15548 - Buoy 6  
41-27-47.100N  
070-37-39.100W  
Red nun.  
Private aid.  

**MARSHALL'S VINEYARD TO BLOCK ISLAND (Chart 13218)**

**Vineyard Sound**

**Main Channel**

15550 - Middle Ground East End Buoy  
41-29-09.163N  
070-36-25.764W  
Green can with red bands.  

15555 - Nobska Point Lighted Bell  
Buoy 26  
41-30-19.384N  
070-38-43.046W  
Fl R 4s  
4  
Red.  
Replaced by nun when endangered by ice.  

15560 - Nobska Point Light  
41-30-56.816N  
070-39-18.398W  
Fl W 6s  
87  
W 13  
R 11  
White tower.  

15575 - Middle Ground Lighted Bell  
Buoy 27  
41-28-27.983N  
070-41-07.919W  
Fl G 4s  
4  
Green.  
Replaced by can when endangered by ice.  

15577 - Vineyard Sound Lighted Buoy  
29  
41-25-08.392N  
070-48-04.979W  
Fl G 4s  
4  
Green.  
Replaced by can when endangered by ice.  

15580 - TARPAULIN COVE LIGHT  
41-28-07.740N  
070-45-26.991W  
Fl W 6s  
78  
White tower; small white building attached to west side of tower.  

15597 - Vineyard Sound Entrance  
Lighted Buoy 30  
41-24-00.071N  
070-50-11.004W  
Fl R 4s  
4  
Red.  
Replaced by nun when endangered by ice.  

15605 - Gay Head Lighted Gong Buoy  
31  
41-21-49.387N  
070-51-47.615W  
Fl G 4s  
4  
Green.  
Replaced by can when endangered by ice.  

15610 - Gay Head Light  
620  
41-20-54.420N  
070-50-03.676W  
Al WR 15s  
175  
W 24  
R 20  
Red brick tower.  

Obscured from 342° to 359° by Nomans Land; light occasionally visible through notches in hilltop. Emergency light (Fl W 6s) of reduced intensity when main is extinguished. Lighted throughout 24 hours.
**MASSACHUSETTS - First District**

**Vineyard Sound Main Channel**

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<td>41-22-04.917N 070-57-25.091W</td>
<td>Fl R 2.5s</td>
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<td>Marked ROCKS.</td>
<td>Replaced by nun when endangered by ice.</td>
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<td>15617</td>
<td>Sow and Pigs Buoy 34</td>
<td>41-23-45.728N 070-57-46.360W</td>
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<td>15618</td>
<td>Sow and Pigs Lighted Bell Buoy 36</td>
<td>41-23-48.386N 070-59-04.132W</td>
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**WOODS HOLE (Chart 13235)**

**Little Harbor**

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<th>Characteristic</th>
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**Great Harbor**

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<td>FERRY SLIP 2 LIGHT 2</td>
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<td>15750</td>
<td>TIMBER PIER LIGHT</td>
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**Broadway**

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<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<td>15755</td>
<td>Buoy 1</td>
<td>41-31-02.196N 070-40-32.842W</td>
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<td>WOODS HOLE PASS DIRECTIONAL LIGHT</td>
<td>41-31-17.218N 070-40-16.513W</td>
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<td>41-31-16.197N 070-40-33.246W</td>
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<td>- Junction Lighted Buoy SB</td>
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<td>41-31-13.488N 070-40-51.552W</td>
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<td>15810</td>
<td>- LIGHT W</td>
<td>41-31-06.802N 070-41-01.010W</td>
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<td>15835</td>
<td>- Lighted Bell Buoy 13</td>
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Hadley Harbor

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<td>15840</td>
<td>Hadley Rock Buoy</td>
<td>41-31-03.501N 070-41-21.119W</td>
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<td>- Buoy 2</td>
<td>41-30-54.323N 070-41-52.509W</td>
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MARTHA'S VINEYARD TO BLOCK ISLAND (Chart 13218)

Tarpaulin Cove

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<tr>
<td>15867</td>
<td>CG Mooring Buoy</td>
<td>41-28-25.904N 070-45-08.531W</td>
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<td>41-28-26.616N 070-45-27.618W</td>
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Robinsons Hole

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<tr>
<td>15875</td>
<td>- Buoy 1</td>
<td>41-26-46.492N 070-48-14.113W</td>
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<tr>
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<td>At northwest end of Middle Ground.</td>
<td>070-48-35.670W</td>
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<td>41-27-20.452N</td>
<td>Fl W 2.5s</td>
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<td>TR on pile.</td>
<td>Maintain from May 1 to Oct. 15.</td>
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<tr>
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<td>Off point of flats.</td>
<td>070-48-36.678W</td>
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<tr>
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<td>Quicks Hole - Entrance Lighted Bell Buoy 1</td>
<td>41-25-48.392N</td>
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<td>Replaced by can when endangered by ice.</td>
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<tr>
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<td>41-26-39.705N</td>
<td>Fl R 4s</td>
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<td>Red.</td>
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<td>Range</td>
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<tr>
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<td>Dumpling Rocks Light</td>
<td>41-32-17.800N 070-55-17.100W</td>
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<td>52</td>
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<td>16045</td>
<td>Buzzards Bay Lighted Buoy 7</td>
<td>41-30-24.988N 070-54-18.883W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>Green.</td>
<td>Replaced by can when endangered by ice.</td>
<td></td>
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<tr>
<td>16050</td>
<td>Buzzards Bay Lighted Buoy 8</td>
<td>41-28-57.492N 070-53-50.027W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
<td>Replaced by Lib when endangered.</td>
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<tr>
<td>16055</td>
<td>Buzzards Bay Midchannel Lighted Buoy BB</td>
<td>41-30-33.000N 070-49-54.000W</td>
<td>Mo (A) W</td>
<td>4</td>
<td>Red and white stripes with red spherical topmark.</td>
<td>Removed when endangered by ice.</td>
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<tr>
<td>16058</td>
<td>Buzzards Bay Lighted Bell Buoy 9</td>
<td>41-32-52.000N 070-46-27.000W</td>
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<td>4</td>
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**Cleveland Ledge Channel**

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<td>Visible 1.5° each side of rangeline.</td>
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<td>Private aid.</td>
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**MASSACHUSETTS - First District**

**Cape Cod Canal Approach**

**Hog Island Channel**

Both banks of the Cape Cod Canal are lighted by alternating sodium vapor and incandescent lights spaced about 500 feet apart, 140 feet from the edge of the channel, 25 feet above water (maintained by Corps of Engineers). Hog Island Channel lights are located 125 feet outside the channel limits and the shoal water, except Light 8 located 174 feet outside the channel limit.

<table>
<thead>
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<th>No.</th>
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<th>Characteristic</th>
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**Cuttyhunk Harbor**

**Cuttyhunk Pond Inner Channel**

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**Cuttyhunk Pond Upper Channel**

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**Cuttyhunk Harbor**

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**Cuttyhunk**

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</table>

**Quisset Harbor**

**Private aids are maintained from May 15 to Oct. 15 unless otherwise noted.**

| 16380 | Entrance Buoy 1                    | 41-36-34.836N       |                |        |       | Green can. |                                              |
|       | Marks ledge.                       | 070-39-29.181W      |                |        |       |           |                                              |
| 16385 | Entrance Lighted Bell Buoy 2       | 41-36-22.579N       | Fl R 4s        | 3      |       | Red.       | Replaced by nun from Dec. 1 to Apr. 1.      |
|       |                                   | 070-39-30.249W      |                |        |       |           |                                              |
| 16390 | Entrance Buoy 4                    | 41-36-24.806N       |                |        |       | Red nun.   |                                              |
|       | Marks ledge.                       | 070-39-09.503W      |                |        |       |           |                                              |
|       |                                   | 070-39-00.000W      |                |        |       |           |                                              |
| 16400 | Buoy 7                            | 41-36-21.300N       |                |        |       | Green can. | Private aid.                                |
|       |                                   | 070-39-01.380W      |                |        |       |           |                                              |
|       |                                   | 070-38-32.160W      |                |        |       |           |                                              |
|       |                                   | 070-38-53.100W      |                |        |       |           |                                              |
|       |                                   | 070-38-35.520W      |                |        |       |           |                                              |
|       |                                   | 070-38-36.120W      |                |        |       |           |                                              |

**BUZZARDS BAY (Chart 13230)**

**Wild Harbor**

|       |                                   | 070-39-16.953W      |                |        |       |           |                                              |
| 16460 | Buoy 4                             | 41-38-07.165N       |                |        |       | Red nun.   |                                              |
|       |                                   | 070-38-54.162W      |                |        |       |           |                                              |

**Megansett Harbor**

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### BUZZARDS BAY (Chart 13230)

#### Megansett Harbor

- **Fiddlers Cove Marina Buoy 4FC**
- **Fiddlers Cove Marina Buoy 5FC**

#### Squeteague Harbor

- **BUZZARDS BAY (Chart 13230)**

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### CAPE COD CANAL AND APPROACHES (Chart 13236)

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<td>Little Bay Buoy 2</td>
<td>41-42-06.960N 070-37-12.660W</td>
<td>Red nun.</td>
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<td>In skeleton tower.</td>
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<td>- Buoy 9</td>
<td>41-42-36.930N 070-37-52.332W</td>
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<td>- Buoy 10</td>
<td>41-42-56.680N 070-37-33.043W</td>
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<td>41-42-59.595N 070-37-15.325W</td>
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<td>- Buoy 11</td>
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<td>Dumpling Rocks Gong Buoy 5</td>
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<td>Fatal Rock Buoy DF</td>
<td>41-32-44.648N 070-55-34.052W</td>
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<td>New Bedford South Terminal Buoy 7</td>
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<td>Day beacon 6SE</td>
<td>41-34-41.330N 070-51-44.794W</td>
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<td>Brant Island Cove Channel Lighted Buoy 2</td>
<td>41-36-42.060N 070-48-07.620W</td>
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<td>Position</td>
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<td>Height</td>
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<td>Round Cove Aquaculture Buoy NW</td>
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<td>Mattapoisett Harbor</td>
<td>Approach Buoy 5</td>
<td>41-37.58.249N 070-47.11.883W</td>
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**Sippican Harbor Upper Channel**

Aids maintained from Apr. 15 to Oct. 15.

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<td>Lighted Buoy 24</td>
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**Wareham River**

*Private aids maintained from May to Nov. 1, unless otherwise noted.*

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Light List corrected through LNM week: 24/19

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<td>17297.4</td>
<td>Buoy 14</td>
<td>41-43.50.100N 070-44-36.680W</td>
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<td>Buoy 15</td>
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**Onset Bay**

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**Weweantic River**

Private aids maintained from May to Nov. 1, unless otherwise noted.

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**Sunset Cove Approach Buoy**

Maintained from June 1 to Oct. 1.

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<td>17380.1</td>
<td>Shell Point Channel Buoy 4</td>
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<td>17380.2</td>
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<td>17380.6</td>
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**MARTHA'S VINEYARD TO BLOCK ISLAND (Chart 13218)**

**Buttermilk Bay Approach**

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<td>41-44-34.089N 070-37-42.787W</td>
<td>SG on spindle.</td>
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**Buttermilk Bay**

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**CAPE COD CANAL AND APPROACHES (Chart 13236)**

**Buttermilk Bay Approach**

**Little Buttermilk Bay**

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BUZZARDS BAY (Chart 13230)
Westport Harbor Approach

MASSACHUSETTS - First District

MARTHA'S VINEYARD TO BLOCK ISLAND (Chart 13218)
Westport Harbor
<table>
<thead>
<tr>
<th>(1) No.</th>
<th>(2) Name and Location</th>
<th>(3) Position</th>
<th>(4) Characteristic</th>
<th>(5) Height</th>
<th>(6) Range</th>
<th>(7) Structure</th>
<th>(8) Remarks</th>
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<td>17547</td>
<td>Boat Ramp Entrance Buoy 3</td>
<td>41-30-54.200N 071-04-05.100W</td>
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**Westport Harbor**

Positions of buoys are frequently shifted with changing conditions. Use only with local knowledge.

**Westport River West Branch**

**Westport River**

Positions of buoys are frequently shifted with changing conditions. Use only with local knowledge.
<table>
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<th>No.</th>
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**RHODE ISLAND - First District**

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<th>No.</th>
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<th>Characteristic</th>
<th>Height</th>
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<td>No.</td>
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<td>17635</td>
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**RHODE ISLAND - First District**

**Sakonnet River**

**Narragansett Bay**

**Eastern Approach**

**East Passage**

**Beavertail Light**

**Bell Buoy 6**

**Lighted Bell Buoy 11**

**Lighted Gong Buoy 7**

**Lighted Gong Buoy 9**
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<td>071-19-58.146W</td>
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<td>Green can with red bands.</td>
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</tbody>
</table>

**Rhode Island - First District**

**Narragansett Bay**

**East Passage**

HORN: 1 blast ev 15s (2s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
<td>17905</td>
<td>Buoy 12A  (NEWPORT - PELL BRIDGE)</td>
<td>41-29-59.687N</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
<td>30</td>
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<td>Red run.</td>
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<tr>
<td>17910</td>
<td>NEWPORT - PELL BRIDGE RACON</td>
<td>41-30-17.890N</td>
<td>Fl R 4s</td>
<td>4</td>
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<td>On bridge.</td>
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<tr>
<td>17911</td>
<td>Newport - Pell Bridge Sound Signal</td>
<td>41-30-20.000N</td>
<td>Fl R 6s</td>
<td>7</td>
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<td>On bridge abutment.</td>
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<td>17913</td>
<td>Taylor’s Point Outfall Buoy</td>
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<td>On bridge.</td>
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<td>17925</td>
<td>Rose Island Shoal Northeast End Buoy 2</td>
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<td>17930</td>
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<td>Green can with red bands.</td>
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<td>17940</td>
<td>East Pass Lighted Bell Buoy 14</td>
<td>41-30-59.868N</td>
<td>Q G</td>
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<td>17945</td>
<td>Buoy 16</td>
<td>41-31-23.468N</td>
<td>Fi R 4s</td>
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<td>TR on red skeleton tower.</td>
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<tr>
<td>17950</td>
<td>Coddington Point Buoy 2</td>
<td>41-31-27.367N</td>
<td>Fi R 4s</td>
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<td>White/orange dayboards for Naval Security Zone.</td>
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<tr>
<td>17960</td>
<td>GOULD ISLAND SOUTH LIGHT</td>
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<td>Fi G 6s</td>
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<td>HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).  Operates continuously.</td>
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<tr>
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<td>NR on skeleton tower.</td>
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<td>CODDINGTON COVE BREAKWATER LIGHT 18</td>
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<td>41-31-59.847N</td>
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<td>18055</td>
<td>Halfway Rock Daybeacon</td>
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<td>18060</td>
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<td>18062</td>
<td>Salt Water Farms Aquaculture Lighted Buoy A</td>
<td>41-33-29.280N</td>
<td>Fl W 2s</td>
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<td>Fl W 2s</td>
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<td>Dyer Island East Shoal Buoy 5</td>
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<td>18080</td>
<td>Prudence Island Southend Buoy PI</td>
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<td>18084</td>
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<td>Replacement for LIQ when endangered by ice.</td>
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<td>Green.</td>
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### NARRAGANSETT BAY (Chart 13221)

#### Narragansett Bay

**East Passage**

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<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>18113.2</td>
<td>NEBW Daybeacon 3</td>
<td>41-35-27.729N 071-17-09.247W</td>
<td>SG on pole.</td>
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<td>Red and green bands.</td>
<td>Replaced by LIB when endangered by ice.</td>
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#### Mount Hope Bay Approach

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<td>18131</td>
<td>Carnegie Abbey Yacht Club Buoy 1</td>
<td>41-37-03.420N 071-16-33.080W</td>
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<tr>
<td>18134</td>
<td>CARNEGIE ABBEY YACHT CLUB CHANNEL LIGHT 4</td>
<td>41-37-02.400N 071-16-26.000W</td>
<td>Fl R 4s</td>
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<td>18135</td>
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<td>41-37-07.800N 071-17-00.000W</td>
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<tr>
<td>18140</td>
<td>Lighted Bell Buoy 3</td>
<td>41-37-47.531N 071-16-17.404W</td>
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<td>18143</td>
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<td>41-37-35.138N 071-16-25.351W</td>
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<tr>
<td>18145</td>
<td>Hog Island Shoal Light</td>
<td>41-37-56.300N 071-16-23.600W</td>
<td>Iso W 6s</td>
<td>54</td>
<td>12</td>
<td>White conical tower on black cylindrical pier. 60</td>
<td>Higher intensity beam up and down channel. HORN: 2 blasts ev 30s (2stb-2s si-2s bi-24s si) Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<table>
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<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
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<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<td>18150</td>
<td>MUSSELBED SHOALS LIGHT 6A</td>
<td>41-38-10.665N 071-15-35.800W</td>
<td>Fl R 6s</td>
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<td>18160</td>
<td>MUSSELBED SHOALS DIRECTIONAL LIGHT</td>
<td>41-38-10.665N 071-15-35.800W</td>
<td>F W</td>
<td>26</td>
<td>W 9</td>
<td>G 7</td>
<td>R 7</td>
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</table>
## RHODE ISLAND - First District

### NARRAGANSETT BAY (Chart 13221)

#### Narragansett Bay

#### Bristol Harbor

<table>
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<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>18170</td>
<td>Hog Island Rock Buoy 3</td>
<td>41-38-44.707N 071-16-25.526W</td>
<td>Green can.</td>
<td>25</td>
<td>11</td>
<td>TR on skeleton tower.</td>
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<tr>
<td>18175</td>
<td>Middle Ground Buoy At north end of shoal.</td>
<td>41-39-40.177N 071-16-52.138W</td>
<td>Red nun with green bands.</td>
<td>3</td>
<td>18180</td>
<td>CASTLE ISLAND LIGHT 2</td>
<td>Fl R 6s</td>
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<tr>
<td>18194</td>
<td>East Channel Buoy 5</td>
<td>41-40-01.320N 071-16-49.020W</td>
<td>Green can.</td>
<td>26</td>
<td>3</td>
<td>TR on skeleton tower.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>18194.1</td>
<td>East Channel Buoy 7</td>
<td>41-40-11.760N 071-16-52.440W</td>
<td>Green can.</td>
<td>25</td>
<td>11</td>
<td>TR on skeleton tower.</td>
<td>Private aid.</td>
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#### Providence River Approach

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<td>W 8</td>
<td>R 5</td>
<td>Red from 322° to 349°, covers Ohio Ledge. HORN: 2 bl ev 30s (2s bl-2s si-2s bl-24s si). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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**Providence River**

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**Providence River**

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**Bullock Cove**

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<td>071-23-30.884W</td>
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<tr>
<td>18600</td>
<td>Channel Buoy 1</td>
<td>41-49-16.611N</td>
<td>Green can.</td>
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<td>071-23-13.799W</td>
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<tr>
<td>18605</td>
<td>Channel Buoy 2</td>
<td>41-49-20.799N</td>
<td>Red nun.</td>
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<td>071-23-10.158W</td>
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<td>18620</td>
<td>Channel Buoy 6</td>
<td>41-50-04.741N</td>
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<td>071-22-35.668W</td>
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<td>Maintained from 1 May to 31 Oct.</td>
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**RHODE ISLAND - First District**

### NARRAGANSETT BAY (Chart 13221)

**Narragansett Bay**

**Seekonk River**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
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<th>Height</th>
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<th>Structure</th>
<th>Remarks</th>
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### Warren River

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<th>Remarks</th>
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<tbody>
<tr>
<td>18680</td>
<td>Entrance Lighted Buoy 1 Of southeast end of Rumstick Shoal.</td>
<td>41-41-51.816N 071-18-01.621W</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Green.</td>
<td></td>
<td>Replaced by can from Dec. 1 to Apr. 1.</td>
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<tr>
<td>18685</td>
<td>Entrance Buoy 2</td>
<td>41-41-50.716N 071-17-40.500W</td>
<td>Red nun.</td>
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<tr>
<td>18690</td>
<td>Buoy 3</td>
<td>41-42-13.928N 071-17-54.801W</td>
<td>Green can.</td>
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<tr>
<td>18695</td>
<td>Buoy 5</td>
<td>41-42-20.086N 071-17-50.810W</td>
<td>Green can.</td>
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<tr>
<td>18730</td>
<td>Buoy 13</td>
<td>41-42-59.466N 071-17-18.179W</td>
<td>Green can.</td>
<td></td>
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<tr>
<td>18740</td>
<td>Buoy 15</td>
<td>41-43-08.966N 071-17-17.179W</td>
<td>Green can.</td>
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<tr>
<td>18755</td>
<td>Buoy 21</td>
<td>41-43-49.566N 071-17-14.879W</td>
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<tr>
<td>18760</td>
<td>Buoy 23</td>
<td>41-43-53.466N 071-17-17.379W</td>
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### Barrington River

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<th>Remarks</th>
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<tbody>
<tr>
<td>18775</td>
<td>Buoy 1</td>
<td>41-43-57.105N 071-17-27.804W</td>
<td>Green can.</td>
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**Off southeast end of Rumstick Shoal.**

Marks reef.
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<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>18778</td>
<td>Buoy 4</td>
<td>41-43-58.140N 071-17-36.120W</td>
<td>Red nun.</td>
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<tr>
<td>18779</td>
<td>Fairway Channel Lighted Buoy 6</td>
<td>41-44-03.096N 071-17-40.344W</td>
<td>Q R</td>
<td>Red.</td>
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<td>Maintained 15 May to 1 Nov. Private aid.</td>
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<tr>
<td>18779.1</td>
<td>Fairway Channel Lighted Buoy 7</td>
<td>41-44-03.798N 071-17-41.148W</td>
<td>F G</td>
<td>Green.</td>
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<td></td>
<td>Maintained 15 May to 1 Nov. Private aid.</td>
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<tr>
<td>18779.2</td>
<td>Lighted Buoy 7A</td>
<td>41-44-27.400N 071-17-58.100W</td>
<td>Q G</td>
<td>Green.</td>
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<td>Private aid.</td>
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Mount Hope Bay.

<table>
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<tr>
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<th>Name and Location</th>
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Tiverton Channel

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<tbody>
<tr>
<td>18790</td>
<td>Mount Hope Bay Junction Lighted Gong Buoy MH</td>
<td>41-39-32.400N 071-14-02.625W</td>
<td>FI (2+1)R 6s</td>
<td>3</td>
<td>Red and green bands.</td>
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Tiverton Upper Channel

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<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>18810</td>
<td>Buoy 1</td>
<td>41-39-39.008N 071-12-38.318W</td>
<td>Green can.</td>
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<tr>
<td>18830</td>
<td>Buoy 5</td>
<td>41-40-25.958N 071-12-08.097W</td>
<td>Green can.</td>
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Mount Hope Bay.

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<tr>
<td>18835</td>
<td>Seal Rock Buoy 1</td>
<td>41-39-42.511N 071-14-46.474W</td>
<td>Green can.</td>
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<tr>
<td>18850</td>
<td>Mount Hope Bay Channel Buoy 3</td>
<td>41-40-17.497N 071-13-12.082W</td>
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<tr>
<td>18855</td>
<td>Mount Hope Bay Lighted Bell Buoy 4</td>
<td>41-40-14.188N 071-13-07.716W</td>
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<tr>
<td>18860</td>
<td>Mount Hope Bay Lighted Buoy 5</td>
<td>41-40-44.163N 071-12-36.421W</td>
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<td>3</td>
<td>Green.</td>
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<tr>
<td>18865</td>
<td>Mount Hope Bay Buoy 6</td>
<td>41-40-40.721N 071-12-33.045W</td>
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<tr>
<td>18870</td>
<td>Mount Hope Bay Buoy 7</td>
<td>41-41-11.336N 071-12-00.375W</td>
<td>Green can.</td>
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<tr>
<td>18875</td>
<td>Mount Hope Bay Lighted Bell Buoy 8</td>
<td>41-41-07.868N 071-11-57.167W</td>
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<td>Red.</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
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<td>Characteristic</td>
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<td>Remarks</td>
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<tr>
<td>18880</td>
<td>Mount Hope Bay Buoy 9</td>
<td>41-41-32.567N 071-11-32.066W</td>
<td>Fl R 4s</td>
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<td>18890</td>
<td>Mount Hope Bay Lighted Buoy 11</td>
<td>41-41-54.208N 071-10-55.165W</td>
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<tr>
<td>18895</td>
<td>Mount Hope Bay Buoy 12</td>
<td>41-41-51.198N 071-10-51.525W</td>
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<td>Red nun.</td>
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<tr>
<td>18920</td>
<td>Mount Hope Bay Channel Lighted Buoy 13</td>
<td>41-42-00.508N 071-10-28.835W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>Green</td>
<td></td>
<td>Removed when endangered by ice.</td>
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<tr>
<td>18925</td>
<td>BORDEN FLATS LIGHT</td>
<td>41-42-15.986N 071-10-27.825W</td>
<td>Fl W 2.5s</td>
<td>47</td>
<td>9</td>
<td>White conical tower with red stripe, on brown cylindrical pier.</td>
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<tr>
<td>18930</td>
<td>Braga Bridge Sound Signal</td>
<td>41-42-24.534N 071-09-58.506W</td>
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<td>18935</td>
<td>Mount Hope Bay Channel Buoy 15</td>
<td>41-42-27.568N 071-09-53.703W</td>
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<td>Green can.</td>
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<tr>
<td>18940</td>
<td>Mount Hope Bay Channel Buoy 17</td>
<td>41-42-42.788N 071-09-47.203W</td>
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<td>Green can.</td>
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<tr>
<td>18950</td>
<td>Mount Hope Bay Channel Lighted Buoy 19</td>
<td>41-43-18.148N 071-09-32.533W</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Green</td>
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<td>Replaced by LIB when endangered by ice.</td>
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<td>18953</td>
<td>Mount Hope Bay Channel Buoy 20</td>
<td>41-43-40.500N 071-08-56.200W</td>
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<td>Red nun.</td>
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<tr>
<td>18955</td>
<td>Mount Hope Bay Channel Buoy 21</td>
<td>41-43-43.500N 071-08-59.400W</td>
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<td>Green can.</td>
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<tr>
<td>18965</td>
<td>Old Bay Rock Buoy 1</td>
<td>41-41-47.187N 071-13-29.799W</td>
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<td>Green can.</td>
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<tr>
<td>18966</td>
<td>URI Lighted Research Buoy CR</td>
<td>41-42-06.682N 071-12-56.264W</td>
<td>Fl Y 4s</td>
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<td>Yellow</td>
<td>Property of URI. Maintained May 01 to Dec 01. Private aid.</td>
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<tr>
<td>18967</td>
<td>URI Lighted Research Buoy TR</td>
<td>41-42-03.582N 071-11-14.298W</td>
<td>Fl Y 4s</td>
<td></td>
<td></td>
<td>Yellow</td>
<td>Property of URI. Maintained May 01 to Dec 01. Private aid.</td>
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**Kickamuit River**

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<th>Height</th>
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<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>18970</td>
<td>- Buoy 1</td>
<td>41-41-37.767N 071-14-38.100W</td>
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<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>18975</td>
<td>- Buoy 2</td>
<td>41-41-41.172N 071-14-40.814W</td>
<td></td>
<td></td>
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<td>Red nun.</td>
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<tr>
<td>18980</td>
<td>- Buoy 4</td>
<td>41-41-47.887N 071-14-41.481W</td>
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<td>Red nun.</td>
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<tr>
<td>18987</td>
<td>- Buoy 7</td>
<td>41-41-57.573N 071-14-39.816W</td>
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<td>Green can.</td>
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**Taunton River**

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<tbody>
<tr>
<td>18995</td>
<td>- Buoy 1</td>
<td>41-44-29.909N 071-08-05.341W</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
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<td>Remarks</td>
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<tr>
<td>19005</td>
<td>Buoy 3</td>
<td>41-44-57.867N 071-07-50.660W</td>
<td>Green can.</td>
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<td>19015</td>
<td>Channel Buoy 7</td>
<td>41-46-24.257N 071-07-03.160W</td>
<td>Green can.</td>
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<tr>
<td>19035</td>
<td>Channel Buoy 12</td>
<td>41-47-09.387N 071-07-03.324W</td>
<td>Red nun.</td>
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<tr>
<td>19050</td>
<td>Channel Buoy 16</td>
<td>41-47-52.743N 071-07-06.234W</td>
<td>Red nun.</td>
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<td>Maintained from 15 Mar to 30 Nov.</td>
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**Cole River**

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**West Passage**

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<th>Height</th>
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<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>19080</td>
<td>River Ledge Buoy 1 Marks rock.</td>
<td>41-26-06.311N 071-26-08.182W</td>
<td>Green can.</td>
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<tr>
<td>19100</td>
<td>Jones Ledge Buoy 5 On east side of ledge.</td>
<td>41-27-43.579N 071-29-01.053W</td>
<td>Green can.</td>
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<tr>
<td>19105</td>
<td>Dutch Island South End Lighted Gong Buoy DI</td>
<td>41-29-42.207N 071-24-17.798W</td>
<td>Fl (2+1)R 6s 4</td>
<td>Red and green bands.</td>
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<tr>
<td>19110</td>
<td>Beaverhead Point Shoal Buoy 2 On north edge of shoal.</td>
<td>41-29-44.878N 071-23-53.554W</td>
<td>Red nun.</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
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<tr>
<td>19115</td>
<td>Dutch Island Bell Buoy 8</td>
<td>41-30-30.127N 071-24-08.078W</td>
<td>Red.</td>
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<tr>
<td>19126</td>
<td>Buoy 10</td>
<td>41-32-06.000N 071-23-37.000W</td>
<td>Red nun.</td>
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<tr>
<td>19135</td>
<td>- LIGHT 1</td>
<td>41-34-21.426N 071-26-12.540W</td>
<td>Fl G 6s</td>
<td>40</td>
<td>6</td>
<td>SG on black square skeleton tower.</td>
<td></td>
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<tr>
<td>19145</td>
<td>- NORTH BREAKWATER LIGHT 4</td>
<td>41-34-27.600N 071-26-15.700W</td>
<td>Fl R 4s</td>
<td>16</td>
<td>5</td>
<td>TR on white skeleton tower.</td>
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<tr>
<td>19150</td>
<td>- Buoy 7</td>
<td>41-34-27.168N 071-26-35.376W</td>
<td>Green can.</td>
<td>Maintained 1 May to October 31.</td>
<td></td>
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<tr>
<td>19155</td>
<td>- Buoy 8</td>
<td>41-34-30.204N 071-26-35.616W</td>
<td>Red nun.</td>
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<tr>
<td>19160</td>
<td>- Buoy 9</td>
<td>41-34-36.095N 071-26-45.526W</td>
<td>Green can.</td>
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<td>19165</td>
<td>- Buoy 10</td>
<td>41-34-37.416N 071-26-45.528W</td>
<td>Red nun.</td>
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<tr>
<td>19175</td>
<td>- Lighted Buoy 2</td>
<td>41-34-40.216N 071-21-40.591W</td>
<td>Fl R 4s</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>19180</td>
<td>- Lighted Buoy 3</td>
<td>41-34-34.986N 071-22-06.563W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>Green.</td>
<td>Replaced by can when endangered by ice.</td>
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<tr>
<td>19190</td>
<td>- Buoy 5</td>
<td>41-34-44.476N 071-22-57.935W</td>
<td>Green can.</td>
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<td>19195</td>
<td>- Lighted Buoy 6</td>
<td>41-35-01.919N 071-23-05.662W</td>
<td>Q R</td>
<td>4</td>
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<td>- Lighted Buoy 8</td>
<td>41-35-10.034N 071-23-41.175W</td>
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<td>- Lighted Buoy 13</td>
<td>41-36-16.919N 071-23-47.997W</td>
<td>Fl G 2.5s</td>
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<td>19240</td>
<td>- Lighted Buoy 14</td>
<td>41-36-37.457N 071-23-41.320W</td>
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<tr>
<td>19270</td>
<td>Quonset Point Terminal Approach Buoy EB-A</td>
<td>41-34-51.000N 071-25-23.000W</td>
<td>Yellow.</td>
<td>Private aid.</td>
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<tr>
<td>19275</td>
<td>Quonset Point Terminal Approach Buoy EB-B</td>
<td>41-34-51.000N 071-25-19.000W</td>
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<td>Private aid.</td>
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<td>19280</td>
<td><strong>Hope Island Lighted Buoy 2</strong></td>
<td>41-35-33.266N 071-22-47.394W</td>
<td>Fl R 6s</td>
<td>3</td>
<td>Red.</td>
<td>Replaced by nun from Dec. 1 to Apr. 1.</td>
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<tr>
<td>19283</td>
<td><strong>Quonset Point Monitoring Lighted Buoy</strong></td>
<td>41-35-20.300N 071-22-47.940W</td>
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<td>19285</td>
<td><strong>Despair Island Lighted Buoy 1</strong></td>
<td>41-36-29.146N 071-21-36.061W</td>
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<td>19295</td>
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<td>41-37-10.843N 071-24-05.119W</td>
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<td>19320</td>
<td><strong>Calf Pasture Shoal Buoy 3</strong></td>
<td>41-37-25.235N 071-23-31.197W</td>
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<tr>
<td>19345</td>
<td><strong>Warwick Light</strong></td>
<td>41-40-01.800N 071-22-41.900W</td>
<td>Oc G 4s</td>
<td>66</td>
<td>10</td>
<td>White conical tower.</td>
<td>Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 15s (2s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
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<td>19350</td>
<td>- <strong>Buoy 1</strong></td>
<td>41-40-38.364N 071-23-32.257W</td>
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<td>19360</td>
<td>- <strong>Buoy 3</strong></td>
<td>41-40-54.387N 071-23-32.195W</td>
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<td>Green can.</td>
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<td>19365</td>
<td>- <strong>Buoy 4</strong></td>
<td>41-40-54.474N 071-22-29.757W</td>
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<td>19370</td>
<td>- <strong>Buoy 5</strong></td>
<td>41-40-59.518N 071-23-27.059W</td>
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<td>Green can.</td>
<td>Removed when endangered by ice.</td>
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<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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<td>183</td>
<td>Buoy 9</td>
<td>41-41-22.569N 071-23-34.176W</td>
<td>Green can.</td>
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<td>Removed When Endangered By ice.</td>
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**Greenwich Bay**

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<tr>
<td>186</td>
<td>Buoy 3</td>
<td>41-40-15.194N 071-23-57.228W</td>
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<td>188</td>
<td>Sally Rock Monitor Lighted Buoy</td>
<td>41-40-31.920N 071-25-27.480W</td>
<td>Fl Y 4s</td>
<td>Yellow.</td>
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<td>190</td>
<td>Buoy 7</td>
<td>41-40-03.171N 071-28-36.330W</td>
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<tr>
<td>192</td>
<td>Apponaug Cove Approach Buoy 1</td>
<td>41-40-42.364N 071-26-15.205W</td>
<td>Green can.</td>
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**Apponaug Cove**

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<tbody>
<tr>
<td>193</td>
<td>Channel Buoy 3</td>
<td>41-41-11.622N 071-26-43.740W</td>
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<td>196</td>
<td>Channel Buoy 7</td>
<td>41-41-34.896N 071-26-47.310W</td>
<td>Green can.</td>
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**BLOCK ISLAND SOUND AND APPROACHES**

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<tr>
<td>198</td>
<td>Point Judith Light</td>
<td>41-21-39.691N 071-28-53.025W</td>
<td>Oc (3)W 15s 5s fl 2s ec. 2s fl 2s ec. 2s fl 2s ec.</td>
<td>65 16</td>
<td>Octagonal tower, lower half white, upper half brown. 65</td>
<td>Horn: 1 blast ev 15s (2s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<tr>
<td>199</td>
<td>Point Judith Lighted Whistle Buoy 2</td>
<td>41-18-27.660N 071-28-20.820W</td>
<td>Fl R 4s</td>
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<td>200</td>
<td>Point Judith Bell Buoy 4</td>
<td>41-20-56.089N 071-30-25.493W</td>
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<td>Red.</td>
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<tr>
<td>201</td>
<td>Quonochontaug Pond Buoy 1</td>
<td>41-20-14.400N 071-43-26.400W</td>
<td>Green can.</td>
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<td>Maintained from Apr. 1 to Nov. 1 Private aid.</td>
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<tr>
<td>No.</td>
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<td>Maintained from Apr. 1 to Nov. 1</td>
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<td>Private aid.</td>
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<td>Maintained from Apr. 1 to Nov. 1</td>
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<tr>
<td>19469.3</td>
<td>Quonochontaug Pond Buoy 5</td>
<td>41-20-25.740N 071-43-28.140W</td>
<td>Fl R 4s</td>
<td>58</td>
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<td>Maintained from Apr. 1 to Nov. 1</td>
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<td>19469.4</td>
<td>Quonochontaug Pond Buoy 6</td>
<td>41-20-26.280N 071-43-26.620W</td>
<td>Fl R 2.5s</td>
<td>58</td>
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<td>Maintained from Apr. 1 to Nov. 1</td>
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<td>Private aid.</td>
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<tr>
<td>19475</td>
<td>Block Island North Reef</td>
<td>41-15-29.389N 071-34-33.146W</td>
<td>Fl G 4s</td>
<td>4</td>
<td></td>
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<td>White tower atop a house structure.</td>
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</tbody>
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Point Judith Harbor of Refuge

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<tr>
<td>19490</td>
<td>EAST ENTRANCE LIGHT 3</td>
<td>41-21-35.400N 071-29-52.700W</td>
<td>Fl G 4s</td>
<td>39</td>
<td>5</td>
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<td>SG on post on concrete base.</td>
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<tr>
<td>19492</td>
<td>East Entrance Lighted Buoy 5</td>
<td>41-21-35.307N 071-30-11.400W</td>
<td>Fl G 2.5s</td>
<td>3</td>
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<td>Green.</td>
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<tr>
<td>19500</td>
<td>WEST ENTRANCE LIGHT 2</td>
<td>41-21-41.100N 071-30-47.600W</td>
<td>Fl R 4s</td>
<td>29</td>
<td>5</td>
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<tr>
<td>19505</td>
<td>WEST ENTRANCE LIGHT 3</td>
<td>41-21-56.200N 071-30-53.000W</td>
<td>Fl G 6s</td>
<td>35</td>
<td>5</td>
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<td>SG on post on concrete base.</td>
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<tr>
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<td>HORN: 1 blast ev 30s (3s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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Great Island Channel

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<tr>
<td>19515</td>
<td>Point Judith Harbor Buoy 2</td>
<td>41-22-02.911N 071-30-50.977W</td>
<td>Fl R 2.5s</td>
<td>4</td>
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<td>TR on spindle.</td>
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<tr>
<td>19530</td>
<td>POINT JUDITH INNER HARBOR LIGHT 8</td>
<td>41-22-27.175N 071-30-47.675W</td>
<td>Fl G 6s</td>
<td>35</td>
<td>5</td>
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<td>Green can.</td>
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Point Judith Pond

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<tr>
<td>19550</td>
<td>Junction Buoy</td>
<td>41-22-40.928N 071-30-50.266W</td>
<td>Fl R 2.5s</td>
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<td>Red run with green bands.</td>
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<tr>
<td>19555</td>
<td>Channel Buoy 2</td>
<td>41-22-45.302N 071-30-52.810W</td>
<td>Fl G 4s</td>
<td>39</td>
<td>5</td>
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<td>Red run.</td>
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<tr>
<td>19565</td>
<td>Channel Buoy 6</td>
<td>41-22-52.452N 071-30-57.078W</td>
<td>Fl G 4s</td>
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<td>19570</td>
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<tr>
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<td>41-23-10.074N 071-30-55.506W</td>
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<td>Red run.</td>
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<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
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<td>Green can.</td>
<td>071-30-52.207W</td>
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<td>Channel Buoy 15</td>
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<td>Green can.</td>
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<td>Channel Buoy 19</td>
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<td>Green can.</td>
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**RHODE ISLAND - First District**

**Great Salt Pond**

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**NEW YORK - First District**

**Cerberus Shoal Lighted Gong Buoy 9**

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<td>19810</td>
<td>Cerberus Shoal Lighted Gong Buoy 9</td>
<td>41-10-27.479N 071-57-03.953W</td>
<td>Fl G 4s</td>
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<td>Race Rock Light</td>
<td>41-14-36.509N 072-02-49.676W</td>
<td>Fl R 10s</td>
<td>67</td>
<td>16</td>
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<td>Emergency light Fl W 2.5s of reduced intensity when main light is extinguished. Lighted throughout 24 hours. HORN: 1 blast ev 30s (3s bl). Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<td>Race Point Buoy 2</td>
<td>41-14-45.676N 072-02-27.286W</td>
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<td>Hom points southeast. Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s-bl-2s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<td>19830</td>
<td>Little Gull Island Light</td>
<td>41-12-22.900N 072-06-24.700W</td>
<td>Fl (2)W 15s</td>
<td>91</td>
<td>14</td>
<td>81</td>
<td>Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 15s (2s bl). Operates continuously.</td>
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<td>Little Gull Island Reef Buoy 1</td>
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<td>Fl (2+1)G 6s</td>
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CONNECITUCK - First District

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<td>Latimer Reef North Isolated Danger Buoy DL</td>
<td>41-18-33.278N</td>
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<tr>
<td>20075</td>
<td>Seal Rocks Northeast Buoy 13</td>
<td>41-17-57.388N</td>
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<td>Intrepid Rock Isolated Danger Buoy DIB</td>
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<td>Black and red bands with two black spherical topmarks; can.</td>
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<tr>
<td>20135</td>
<td>Groton Long Point Buoy 22</td>
<td>41-18-16.000N</td>
<td>Fl R 4s</td>
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<tr>
<td>20145</td>
<td>NORTH DUMPLING LIGHT</td>
<td>41-17-16.675N 072-01-09.666W</td>
<td>F W</td>
<td>94</td>
<td>W 9 R 7</td>
<td>Square house with light tower.</td>
<td>Red from 257° to 023°. HORN: 1 blast ev 30s (3s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
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<tr>
<td>20155</td>
<td>SEAFLOWER REEF LIGHT</td>
<td>41-17-45.610N 072-01-59.582W</td>
<td>Fi W 4s</td>
<td>27</td>
<td>7</td>
<td>NG on skeleton tower.</td>
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**Stonington Harbor**

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<tr>
<td>20170</td>
<td>STONINGTON OUTER BREAKWATER LIGHT 4</td>
<td>41-18-59.700N 071-54-28.400W</td>
<td>Fi R 4s</td>
<td>46</td>
<td>5</td>
<td>TR on skeleton tower, small house, concrete base.</td>
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<td>20175</td>
<td>STONINGTON BREAKWATER LIGHT 5</td>
<td>41-19-30.430N 071-54-47.234W</td>
<td>Fl G 4s</td>
<td>22</td>
<td>5</td>
<td>SG on skeleton tower, concrete base.</td>
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**Little Narragansett Bay**

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<td>20200</td>
<td>Academy Rock Lighted Buoy 2</td>
<td>41-19-34.258N 071-54-13.354W</td>
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<td>20205</td>
<td>Entrance Buoy 4</td>
<td>41-19-47.358N 071-54-05.254W</td>
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<td>20215</td>
<td>Buoy 7</td>
<td>41-19-54.113N 071-53-35.745W</td>
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<td>20235</td>
<td>Channel Lighted Buoy 13</td>
<td>41-19-50.858N 071-52-52.252W</td>
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<td>TR on pile.</td>
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<td>Maintained from May 1 to Nov. 30.</td>
<td>Private aid.</td>
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<td>White with orange bands and diamond worded DANGER SUB PIPE.</td>
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<td>Fl R 4s</td>
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<td>NW on pipe tower worded DANGER ROCKS.</td>
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<td>East Approach Buoy 7</td>
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<td>20485</td>
<td>Junction Buoy MH</td>
<td>41-18-56.526N</td>
<td>Red and green bands; nun.</td>
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<td>West Approach Buoy 1</td>
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<td>41-18-58.781N</td>
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<td>Outfall Buoy</td>
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<td>White with orange bands and diamond worded DANGER SUBMERGED PIPE.</td>
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<td>Private aid.</td>
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**Mystic River Auxiliary Channel**

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| 20620 | - Day beacon 10  
20625 | - Day beacon 11  
20630 | - Day beacon 12  
20635 | - Day beacon 13  
20640 | - Day beacon 14  
20645 | - Day beacon 15  
20650 | - Day beacon 16  
20651 | - Day beacon 17  
20652 | - Day beacon 18  
20653 | - Day beacon 19  
20670 | - Channel Buoy 37  
20675 | - Channel Buoy 38  
20680 | - Channel Buoy 39  
20685 | - Channel Buoy 41  
20695 | - Channel Buoy 43  
20700 | - Channel Buoy 45  
20705 | - Channel Buoy 47  
20715 | - Channel Buoy 49  
20720 | - Channel Buoy 51  
20725 | - Channel Buoy 53  
20845 | - Day beacon 1  
20850 | - Day beacon 3  
20855 | - Day beacon 5  
20860 | - Day beacon 8  
20865 | - Day beacon 10  
20870 | - Day beacon 12  
20875 | VENETIAN HARBOR ENTRANCE LIGHT 1  
20876 | VENETIAN HARBOR LIGHT 2  |
|     | 41-20-40.505N  
     | 41-20-40.733N  
     | 41-20-45.494N  
     | 41-20-45.747N  
     | 41-20-49.037N  
     | 41-20-49.247N  
     | 41-20-51.212N  
     | 41-20-51.426N  
     | 41-20-53.095N  
     | 41-21-22.775N  
     | 41-21-27.559N  
     | 41-21-31.428N  
     | 41-21-34.456N  
     | 41-21-37.059N  
     | 41-21-39.456N  
     | 41-21-41.843N  
     | 41-21-44.951N  
     | 41-21-48.784N  
     | 41-21-53.845N  
     | 41-18-57.660N  
     | 41-18-59.220N  
     | 41-19-13.260N  
     | 41-19-19.680N  
     | 41-19-21.360N  
     | 41-19-25.140N  
     | 41-18-53.773N  
     | 41-18-54.777N  |
|     | 071-57-47.266W  
     | 071-57-48.000W  
     | 071-57-44.033W  
     | 071-57-44.746W  
     | 071-57-41.739W  
     | 071-57-42.479W  
     | 071-57-40.329W  
     | 071-57-41.066W  
     | 071-57-39.255W  
     | 071-58-04.983W  
     | 071-57-53.930W  
     | 071-58-03.792W  
     | 071-58-00.309W  
     | 071-57-55.220W  
     | 071-57-52.173W  
     | 071-57-53.856W  
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     | 071-58-03.792W  
     | 071-58-00.309W  
     | 071-57-55.220W  
     | 071-57-52.173W  
     | 071-57-39.255W  
     | 071-57-58.063W  
     | 071-57-58.063W  
     | 071-58-01.964W  
     | 071-58-03.792W  
     | 071-58-00.309W  |
|     | Fl G 4s  
     | Fl R 4s  
     | Fl G 4s  
     | Fl R 4s  
     | Fl G 4s  
     | Fl G 4s  
     | Fl G 4s  
     | Fl R 4s  |
| 20620 | TR on pile.  
20625 | SG on pile.  
20630 | TR on pile.  
20635 | SG on pile.  
20640 | TR on pile.  
20645 | SG on pile.  
20650 | TR on pile.  
20651 | SG on pile.  
20652 | TR on pile.  
20653 | SG on pile.  
20670 | Green can.  
20675 | Red nun.  
20680 | Green can.  
20685 | Green can.  
20695 | Green can.  
20700 | Green can.  
20705 | Green can.  
20715 | Green can.  
20720 | Green can.  
20725 | Green can.  
20845 | SG on pile.  
20850 | SG on pile.  
20855 | SG on pile.  
20860 | TR on pile.  
20865 | TR on pile.  
20870 | TR on pile.  
20875 | SG on pile.  
20876 | Pile.  |

Mystic River
Channel buoys located 20 feet outside channel limit.

West Cove

Mumford Cove
Aids maintained from May 1 to Nov. 1 unless otherwise noted.
<table>
<thead>
<tr>
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<th>Position</th>
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<td>20880</td>
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<tbody>
<tr>
<td>20970</td>
<td>Buoy 1E</td>
<td>41-17-13.508N</td>
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<td>21020</td>
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<td>Mo (A) W</td>
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<td>Orient Point Light</td>
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<tr>
<td>21110</td>
<td>Long Sand Shoal East End Buoy E</td>
<td>41-14-38.733N</td>
<td>Fl G 6s</td>
<td>58</td>
<td>14</td>
<td></td>
<td>Red and green bands; nun.</td>
</tr>
<tr>
<td>21115</td>
<td>Saybrook Breakwater Light</td>
<td>41-15-47.600N</td>
<td>Fl G 6s</td>
<td>58</td>
<td>14</td>
<td></td>
<td>White conical tower on brown cylindrical pier.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>072-20-33.600W</td>
<td></td>
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<td>49</td>
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<tr>
<td>21125</td>
<td>Orient Shoal Buoy 3</td>
<td>41-08-58.417N</td>
<td>Fl R 4s</td>
<td>4</td>
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<td>Green can.</td>
</tr>
<tr>
<td>21150</td>
<td>Horton Point Light</td>
<td>41-05-06.060N</td>
<td>Fl G 10s</td>
<td>103</td>
<td>14</td>
<td></td>
<td>White square tower, dwelling attached.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>072-26-44.040W</td>
<td></td>
<td></td>
<td></td>
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<td>103</td>
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<tr>
<td>21155</td>
<td>Sixmile Reef Lighted Buoy 8C</td>
<td>41-10-47.110N</td>
<td>Fl R 4s</td>
<td>4</td>
<td></td>
<td></td>
<td>Red.</td>
</tr>
<tr>
<td>21160</td>
<td>Twenty-Eight Foot Shoal Lighted Whistle Buoy TE</td>
<td>41-09-15.920N</td>
<td>Fl (2+1)R 6s</td>
<td>4</td>
<td></td>
<td></td>
<td>Red and green bands.</td>
</tr>
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</table>

LONG ISLAND SOUND (Connecticut and New York) - First District
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>21170</td>
<td>Falkner Island Light</td>
<td>41-12-43.400N 072-39-13.100W</td>
<td>Fl W 10s</td>
<td>94</td>
<td>13</td>
<td></td>
<td>White octagonal tower.</td>
</tr>
<tr>
<td>21171</td>
<td>UCONN Central Long Island Sound Research Lighted Buoy</td>
<td>41-08-15.000N 072-39-18.000W</td>
<td>Fl Y 4s</td>
<td></td>
<td></td>
<td></td>
<td>Yellow.</td>
</tr>
<tr>
<td>21175</td>
<td>Goose Island Lighted Bell Buoy 10GI</td>
<td>41-12-07.952N 072-40-28.122W</td>
<td>Fl R 4s</td>
<td>4</td>
<td></td>
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<td>Red.</td>
</tr>
<tr>
<td>21180</td>
<td>SACHEM HEAD BREAKWATER LIGHT</td>
<td>41-14-44.160N 072-42-39.480W</td>
<td>Fl R 3s</td>
<td>8</td>
<td></td>
<td>Pile.</td>
<td>Maintained from June 1 to Oct. 1.</td>
</tr>
<tr>
<td>21190</td>
<td>Townsend Ledge Lighted Buoy 10A</td>
<td>41-12-30.720N 072-51-47.161W</td>
<td>Fl R 4s</td>
<td>4</td>
<td></td>
<td></td>
<td>Red and white stripes with red spherical topmark.</td>
</tr>
<tr>
<td>24060</td>
<td>Southwest Ledge Light</td>
<td>41-14-03.700N 072-54-43.800W</td>
<td>Fl R 5s</td>
<td>57</td>
<td>14</td>
<td></td>
<td>White octagonal house on brown cylindrical pier. 45</td>
</tr>
<tr>
<td>21220</td>
<td>Pond Point Shoal Buoy 12</td>
<td>41-11-52.522N 073-00-59.742W</td>
<td>Fl W 6s</td>
<td>22</td>
<td>7</td>
<td></td>
<td>Red nun.</td>
</tr>
<tr>
<td>21225</td>
<td>Charles Island Lighted Buoy 16</td>
<td>41-11-01.411N 073-03-05.741W</td>
<td>Fl R 4s</td>
<td>4</td>
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<td>Red.</td>
</tr>
<tr>
<td>21230</td>
<td>Stratford Point Light</td>
<td>41-09-07.300N 073-06-11.600W</td>
<td>Fl (2)W 20s</td>
<td>52</td>
<td>14</td>
<td></td>
<td>White conical tower, dark red band midway of height. 35 Emergency light (Fl W 6s) of reduced intensity when main light is extinguished.</td>
</tr>
<tr>
<td>21245</td>
<td>Stratford Point Lighted Buoy 18</td>
<td>41-06-49.081N 073-08-09.403W</td>
<td>Fl R 4s</td>
<td>4</td>
<td></td>
<td>Red.</td>
<td></td>
</tr>
</tbody>
</table>

Stratford Shoal

- Buoy 1
- Buoy 3
- (Middle Ground) Light
  21260 | 41-03-35.300N 073-06-04.700W | Fl W 5s | 60 | 13 | Gray, granite octagonal tower projection from house on pier. 35 | HORN: 1 blast ev 15s (2s bl). Operates continuously. |
- Middle Ground Lighted Bell Buoy 2
  21265 | 41-03-04.003N 073-06-12.266W | Fl R 4s | 4 | | Red. | |

Mount Misery Shoal Buoy 11

LONG ISLAND SOUND (Western Part) (Chart 12363)

- Old Field Point Light
  21275 | 40-58-37.213N 073-07-06.803W | Al RG 24s | 74 | 14 | Black tower on granite house. 50 | 196
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>21265</td>
<td>Old Field Point Gong Buoy 11A</td>
<td>40-59-13.044N 073-07-17.418W</td>
<td>Fl R 6s</td>
<td>51</td>
<td>14</td>
<td>White tower on granite dwelling on pier. 51</td>
<td>Green.</td>
</tr>
<tr>
<td>21289</td>
<td>The Little Cows Lighted Bell Buoy LC</td>
<td>41-07-19.977N 073-12-52.002W</td>
<td>Fl G 4s</td>
<td>4</td>
<td>Green.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21290</td>
<td>Penfield Reef Light</td>
<td>41-07-01.509N 073-13-19.525W</td>
<td>Fl R 6s</td>
<td>51</td>
<td>14</td>
<td>White tower on granite dwelling on pier. 51</td>
<td>Green.</td>
</tr>
<tr>
<td>21295</td>
<td>Pine Creek Point Lighted Buoy 22</td>
<td>41-06-29.959N 073-15-46.991W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21300</td>
<td>Cockenoe Island Shoal Lighted Bell Buoy 24</td>
<td>41-04-31.659N 073-19-46.097W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21305</td>
<td>Norwalk Islands Lighted Bell Buoy 26</td>
<td>41-03-41.119N 073-21-58.751W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>Red.</td>
<td></td>
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<tr>
<td>21310</td>
<td>Eatons Neck Point Lighted Gong Buoy 11B</td>
<td>41-00-01.221N 073-23-41.652W</td>
<td>Fl G 4s</td>
<td>4</td>
<td>Green.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21312</td>
<td>Eatons Neck Lighted Research Buoy</td>
<td>41-00-36.000N 073-17-24.000W</td>
<td>Fl Y 4s</td>
<td>144</td>
<td>14</td>
<td>White stone tower.</td>
<td>Yellow.</td>
</tr>
<tr>
<td>21325</td>
<td>Eatons Neck Light</td>
<td>40-57-14.400N 073-23-43.400W</td>
<td>F W</td>
<td>144</td>
<td>14</td>
<td>White stone tower.</td>
<td>Green and red bands; can.</td>
</tr>
<tr>
<td>21330</td>
<td>Cable and Anchor Reef Lighted Bell Buoy 28B</td>
<td>41-00-33.370N 073-25-08.415W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>Red.</td>
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<tr>
<td>21336</td>
<td>UCONN Western Long Island Sound Research Lighted Buoy</td>
<td>40-57-21.000N 073-34-48.000W</td>
<td>Fl Y 4s</td>
<td>4</td>
<td>Yellow.</td>
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<tr>
<td>21340</td>
<td>Greens Ledge Light</td>
<td>41-02-30.300N 073-26-37.600W</td>
<td>Fl WR 24s</td>
<td>62</td>
<td>W 18 R 15</td>
<td>Conical tower, upper half white, lower half brown, on black cylindrical pier. 52</td>
<td>Emergency light of reduced intensity Fl W 12s when main light is extinguished. HOR: 2 blasts ev 20s (2s bl-2s sl-2s bl-1s).</td>
</tr>
<tr>
<td>21355</td>
<td>Smith Reef Lighted Buoy 30</td>
<td>41-01-29.710N 073-29-30.915W</td>
<td>Fl R 4s</td>
<td>3</td>
<td>Red.</td>
<td></td>
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</tr>
<tr>
<td>21365</td>
<td>The Cows Lighted Bell Buoy 32</td>
<td>41-00-12.880N 073-31-26.189W</td>
<td>Fl R 2.5s</td>
<td>37</td>
<td>4</td>
<td>SG on tower.</td>
<td>Red.</td>
</tr>
<tr>
<td>21375</td>
<td>STAMFORD HARBOR WEST BREAKWATER LIGHT 3</td>
<td>41-00-53.882N 073-32-17.335W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red.</td>
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</tr>
<tr>
<td>21385</td>
<td>Centre Island Reef Buoy 17</td>
<td>40-56-18.610N 073-31-57.909W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
</tr>
<tr>
<td>-----</td>
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</tr>
</tbody>
</table>

HORN: 1 blast ev 15s (2s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>21505</td>
<td>STEPPING STONES LIGHT</td>
<td>40-49-28.110N</td>
<td>Oc G 4s</td>
<td>46</td>
<td>8</td>
<td></td>
<td>Red brick on granite pier; white band on southwest face of pier.</td>
</tr>
<tr>
<td>21515</td>
<td>Throgs Neck Lighted Bell Buoy 48</td>
<td>40-48-11.000N</td>
<td>Fi R 4s</td>
<td>4</td>
<td></td>
<td></td>
<td>Red.</td>
</tr>
<tr>
<td>21519</td>
<td>Throgs Neck Special Purpose Lighted Buoy</td>
<td>40-48-43.000N</td>
<td>Q Y</td>
<td></td>
<td></td>
<td></td>
<td>Yellow, worded EBYRA. Maintained from May 1 to Nov. 1. Private aid.</td>
</tr>
<tr>
<td>21520</td>
<td>Throgs Neck Light</td>
<td>40-48-16.464N</td>
<td>F R</td>
<td>60</td>
<td>9</td>
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<td>NB on skeleton tower. 60.</td>
</tr>
<tr>
<td>21525</td>
<td>Hatchett Reef Buoy 1</td>
<td>41-16-14.451N</td>
<td></td>
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<td></td>
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<td>Green can.</td>
</tr>
<tr>
<td>21530</td>
<td>Comfield Point Shoal Lighted Bell Buoy 2</td>
<td>41-15-01.325N</td>
<td>Fi R 4s</td>
<td>4</td>
<td></td>
<td></td>
<td>Red.</td>
</tr>
<tr>
<td>21535</td>
<td>Hen and Chickens Buoy</td>
<td>41-15-09.956N</td>
<td></td>
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<td>White can with orange bands and diamond worded ROCKS.</td>
</tr>
<tr>
<td>21560</td>
<td>INDIAN TOWN EAST BREAKWATER LIGHT</td>
<td>41-16-34.406N</td>
<td>Fi W 2s</td>
<td>28</td>
<td></td>
<td></td>
<td>On pile. Private aid.</td>
</tr>
<tr>
<td>21565</td>
<td>Crane Reef Buoy 4</td>
<td>41-14-53.006N</td>
<td></td>
<td></td>
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<td></td>
<td>Red nun.</td>
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<tr>
<td>21570</td>
<td>Duck Island Reef Buoy 6</td>
<td>41-14-50.998N</td>
<td></td>
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<td>Red nun.</td>
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<tr>
<td>21580</td>
<td>Hammonasset Point Reef Buoy 10</td>
<td>41-14-45.217N</td>
<td></td>
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<tr>
<td>21585</td>
<td>Charles Reef Buoy 14</td>
<td>41-14-50.644N</td>
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<tr>
<td>21595</td>
<td>Indian Reef Southwest Buoy 16</td>
<td>41-14-23.991N</td>
<td></td>
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<td>Red nun.</td>
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<tr>
<td>21610</td>
<td>Goose Rocks Shoal Lighted Bell Buoy 22</td>
<td>41-14-22.910N</td>
<td>Fi R 4s</td>
<td>4</td>
<td></td>
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<td>Red.</td>
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<tr>
<td>21620</td>
<td>Negro Heads Lighted Buoy 28</td>
<td>41-14-06.109N</td>
<td>Fi R 4s</td>
<td>4</td>
<td></td>
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<td>Red. Replaced by nun when endangered by ice.</td>
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<tr>
<td>21625</td>
<td>Five Foot Rock Buoy 32</td>
<td>41-14-25.370N</td>
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<td>Red nun.</td>
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<tr>
<td>21630</td>
<td>Cow and Calf Lighted Bell Buoy 34</td>
<td>41-14-16.322N</td>
<td>Fi R 2.5s</td>
<td>4</td>
<td></td>
<td></td>
<td>Red.</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
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<tr>
<td>200</td>
<td>Light List corrected through LNM week: 24/19</td>
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<tr>
<td></td>
<td>Mattituck Gong Buoy 3A</td>
<td>41-01-50.880N 072-33-58.264W</td>
<td>Fi W 4s</td>
<td>25</td>
<td>6</td>
<td>NR on skeleton tower.</td>
<td></td>
</tr>
<tr>
<td>21653</td>
<td>- Buoy 1</td>
<td>41-00-55.555N 072-33-34.591W</td>
<td>Q G</td>
<td>9</td>
<td>2</td>
<td>Green Can.</td>
<td></td>
</tr>
<tr>
<td>21655</td>
<td>- Buoy 2</td>
<td>41-00-55.623N 072-33-37.368W</td>
<td>Fl G 4s</td>
<td>3</td>
<td></td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>21660</td>
<td>- Buoy 3</td>
<td>41-00-46.648N 072-33-26.742W</td>
<td>Fl G 4s</td>
<td>3</td>
<td></td>
<td>Green can.</td>
<td></td>
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<tr>
<td>21667</td>
<td>Mattituck Inner Creek Buoy 2</td>
<td>41-00-00.000N 072-32-41.000W</td>
<td></td>
<td></td>
<td></td>
<td>Red nun.</td>
<td>Maintained from May 1 to Oct. 31. Private aid.</td>
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<tr>
<td>21670</td>
<td>Mattituck Inner Creek Buoy 3</td>
<td>41-00-11.670N 072-32-46.840W</td>
<td></td>
<td></td>
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<td>Green can.</td>
<td>Maintained from May 1 to Oct. 31. Private aid.</td>
</tr>
<tr>
<td>21675</td>
<td>Mattituck Inner Creek Buoy 5</td>
<td>41-00-03.190N 072-32-41.180W</td>
<td></td>
<td></td>
<td></td>
<td>Green can.</td>
<td>Maintained from May 1 to Oct. 31. Private aid.</td>
</tr>
<tr>
<td></td>
<td>Jacobs Point</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>South Side (Mattituck to Mt. Sinai)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>21725</td>
<td>Rocky Point Buoy 9</td>
<td>40-59-34.356N 072-57-52.969W</td>
<td>Green can.</td>
<td></td>
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<tr>
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<td>Pine Island Channel</td>
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<tr>
<td>21740</td>
<td>- Buoy 3</td>
<td>41-18-35.455N 072-04-09.021W</td>
<td>Fl G 4s</td>
<td>3</td>
<td></td>
<td>Green can.</td>
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</tr>
<tr>
<td>21750</td>
<td>AVERY POINT BREAKWATER LIGHT 1A</td>
<td>41-18-58.000N 072-03-37.000W</td>
<td>Q G</td>
<td></td>
<td></td>
<td>SG on spindle.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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</tr>
<tr>
<td>21758</td>
<td>Bartlett Reef Buoy 1</td>
<td>41-16.28.933N 072-07.955W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red.</td>
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</tr>
<tr>
<td>21760</td>
<td>Little Goshen Reef Buoy 3</td>
<td>41-17.20.734N 072-06.039W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td>Green.</td>
<td></td>
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</tr>
<tr>
<td>21765</td>
<td>Goshen Ledge Buoy 5</td>
<td>41-17.28.734N 072-06.17.373W</td>
<td>Fl G 4s</td>
<td>4</td>
<td>Green.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21770</td>
<td>Rapid Rock Buoy R</td>
<td>41-17.16.054N 072-06.06.023W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Green.</td>
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<tr>
<td>21775</td>
<td>Cormorant Rock Ledge Buoy 7</td>
<td>41-17.56.934N 072-08.42.653W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td>Green.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21780</td>
<td>Sarah Ledge Buoy SL</td>
<td>41-17.42.354N 072-05.23.872W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Green.</td>
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### NEW LONDON HARBOR AND VICINITY (Chart 13213)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
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<tbody>
<tr>
<td>21790</td>
<td>Channel Lighted Buoy 2</td>
<td>41-17.37.376N 072-04.38.546W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red.</td>
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<tr>
<td>21795</td>
<td>Channel Lighted Buoy 1</td>
<td>41-17.37.055N 072-04.46.771W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td>Green.</td>
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<tr>
<td>21805</td>
<td>Channel Buoy 4</td>
<td>41-18.29.213N 072-04.44.774W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red nun.</td>
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<tr>
<td>21810</td>
<td>Black Ledge Buoy 2BL</td>
<td>41-18.01.145N 072-03.57.501W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td>Red nun.</td>
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<tr>
<td>21815</td>
<td>Black Ledge Buoy 4BL</td>
<td>41-18.04.655N 072-04.15.831W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red nun.</td>
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<tr>
<td>21820</td>
<td>Black Ledge Buoy 6BL</td>
<td>41-18.17.460N 072-04.22.268W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td>Red nun.</td>
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<tr>
<td>21825</td>
<td>New London Ledge Light</td>
<td>41-18.21.144N 072-04.38.781W</td>
<td>Fl (3+1) WR 30s 0.1s R fi 9.9s ec. 0.1s W fi 4.9s ec. 0.1s W fi 4.9s ec. 0.1s W fi 9.9s ec.</td>
<td>58</td>
<td>W 17 R 14</td>
<td>Red brick dwelling on square pier. 58</td>
<td>HORN: 2 blast ev 20s (2s bl-2s si-2s bl-14s si). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
</tr>
<tr>
<td>21840</td>
<td>Frank Ledge Buoy F</td>
<td>41-18.40.634N 072-03.32.842W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Green.</td>
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<tr>
<td>21845</td>
<td>- Light</td>
<td>41-18.59.834N 072-05.23.123W</td>
<td>Iso W 6s (R sector)</td>
<td>89</td>
<td>W 17 R 14</td>
<td>White octagonal pyramidal tower. 89</td>
<td>Red from 000° to 041°. Covers Sarah Ledge and shoals westward.</td>
</tr>
<tr>
<td>21855</td>
<td>Channel Lighted Buoy 6</td>
<td>41-19.20.106N 072-04.51.246W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red.</td>
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<tr>
<td>21859</td>
<td>Greens Harbor Obstruction Buoy 2A</td>
<td>41-20.03.660N 072-05.24.728W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red nun.</td>
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</tr>
<tr>
<td>21860</td>
<td>LOWER WHARF LIGHT</td>
<td>41-20.06.900N 072-04.55.000W</td>
<td>Fl R 15s</td>
<td>15</td>
<td>Pile.</td>
<td>Private aid.</td>
<td></td>
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<tr>
<td>21865</td>
<td>UPPER WHARF LIGHT</td>
<td>41-20.11.300N 072-04.55.900W</td>
<td>Fl R 15s</td>
<td>15</td>
<td>Pile.</td>
<td>Private aid.</td>
<td></td>
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<tr>
<td>21870</td>
<td>Groton Outfall Hazard Buoy</td>
<td>41-20.16.000N 072-04.57.000W</td>
<td>Fl R 15s</td>
<td>15</td>
<td>Pile.</td>
<td>Private aid.</td>
<td></td>
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</table>
### NEW LONDON HARBOR AND VICINITY (Chart 13213)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
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<tbody>
<tr>
<td>NEW London Harbor</td>
<td></td>
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<tr>
<td>21910</td>
<td>GRAVING DOCK 3 NORTH LIGHT</td>
<td>41-20-53.600N 072-05-03.100W</td>
<td>Q R</td>
<td>24</td>
<td>Dual light fixture on pier.</td>
<td>Private aid.</td>
<td></td>
</tr>
<tr>
<td>21931</td>
<td>- Thames River Intake Lighted Hazard Buoy B</td>
<td>41-21-04.000N 072-05-03.700W</td>
<td>F W</td>
<td></td>
<td>White with orange bands.</td>
<td>Private aid.</td>
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</tr>
<tr>
<td>21932</td>
<td>- Thames River Intake Lighted Hazard Buoy C</td>
<td>41-21-03.900N 072-05-03.100W</td>
<td>F W</td>
<td></td>
<td>White with orange bands.</td>
<td>Private aid.</td>
<td></td>
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<tr>
<td>21940</td>
<td>- Buoy 14</td>
<td>41-21-06.665N 072-05-05.981W</td>
<td></td>
<td></td>
<td>Red nun.</td>
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<tr>
<td>21945</td>
<td>WINTHROP POINT LIGHT</td>
<td>41-21-34.200N 072-05-18.400W</td>
<td>Fl G 6s</td>
<td>10</td>
<td>4</td>
<td>Mooring island.</td>
<td></td>
</tr>
<tr>
<td>21956</td>
<td>THAMES RIVER LOWER RANGE FRONT LIGHT</td>
<td>41-23-26.919N 072-05-27.370W</td>
<td>Iso G 6s</td>
<td>26</td>
<td></td>
<td>On monopole. &quot;Visible 5.5° each side of rangeline. Lighted throughout 24 hours.</td>
<td></td>
</tr>
<tr>
<td>21960</td>
<td>THAMES RIVER LOWER RANGE REAR LIGHT 452 yards, 354.7° from front light.</td>
<td>41-23-40.255N 072-05-29.022W</td>
<td>F G</td>
<td>88</td>
<td></td>
<td>On skeleton tower. Visible 4° each side of rangeline. Lighted throughout 24 hours. Note: Does not mark center of channel at far end of range.</td>
<td></td>
</tr>
</tbody>
</table>

### Greens Harbor

<table>
<thead>
<tr>
<th>No.</th>
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<th>Characteristic</th>
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<th>Remarks</th>
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<tbody>
<tr>
<td>21970</td>
<td>- Buoy</td>
<td>41-20-08.480N 072-05-35.000W</td>
<td></td>
<td></td>
<td></td>
<td>White can with orange bands and diamond worded ROCKS.</td>
<td></td>
</tr>
</tbody>
</table>

### Shaw Cove Entrance

<table>
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<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>21975</td>
<td>- Buoy 1</td>
<td>41-20-44.383N 072-05-24.787W</td>
<td></td>
<td></td>
<td></td>
<td>Green can.</td>
<td></td>
</tr>
</tbody>
</table>

### Thames River

**Channel buoys located 30 feet outside channel limit.**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>21985</td>
<td>- Lighted Buoy 1</td>
<td>41-22-01.853N 072-05-20.874W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td></td>
<td>Green.</td>
<td>Replaced by can when endangered by ice.</td>
</tr>
<tr>
<td>21990</td>
<td>Academy Buoy 1A</td>
<td>41-22-18.374N 072-05-36.865W</td>
<td></td>
<td></td>
<td></td>
<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>21995</td>
<td>BAILEY POINT LIGHT 2</td>
<td>41-22-40.043N 072-05-16.044W</td>
<td>Fl R 4s</td>
<td>13</td>
<td>3</td>
<td>TR on pile tower on concrete base. Higher intensity beam up and down river.</td>
<td></td>
</tr>
</tbody>
</table>

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**LONG ISLAND SOUND (Connecticut) - First District**

**NEW LONDON HARBOR AND VICINITY (Chart 13213)**

**New London Harbor**

**Shaw Cove Entrance**

**Thames River**

**Channel buoys located 30 feet outside channel limit.**

---

**202**
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>22000</td>
<td>Lighted Buoy 3</td>
<td>41-22-51.484N</td>
<td>FL G 4s</td>
<td>4</td>
<td>Green.</td>
<td>On pile.</td>
<td>REPLACED BY CAN WHEN ENDANGERED BY ICE.</td>
</tr>
<tr>
<td>22010</td>
<td>Lighted Buoy 5</td>
<td>41-23-15.184N</td>
<td>FL G 4s</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>22020</td>
<td>UPPER DIRECTIONAL LIGHT</td>
<td>41-23-34.264N</td>
<td>F W</td>
<td>21</td>
<td>W 7</td>
<td>R 5</td>
<td>ON PILE. SHOWS GREEN FROM 174.5 TO 177.5; WHITE FROM 177.5 TO 180.5; RED FROM 180.5 TO 183.5; WITH A FIXED WHITE PASSING LIGHT.</td>
</tr>
<tr>
<td>22025</td>
<td>Lighted Buoy 7</td>
<td>41-23-45.667N</td>
<td>FL G 4s</td>
<td>4</td>
<td>Green.</td>
<td>On pile.</td>
<td>REPLACED BY CAN WHEN ENDANGERED BY ICE.</td>
</tr>
<tr>
<td>22035</td>
<td>MIDDLE RANGE FRONT LIGHT</td>
<td>41-23-55.823N</td>
<td>Q G</td>
<td>15</td>
<td></td>
<td></td>
<td>VISIBLE ALL AROUND; HIGHER INTENSITY ON RANGLINE. LIGHTED THROUGHOUT 24 HOURS.</td>
</tr>
<tr>
<td>22036</td>
<td>MIDDLE RANGE REAR LIGHT</td>
<td>41-24-01.159N</td>
<td>Iso G 6s</td>
<td>29</td>
<td></td>
<td></td>
<td>VISIBLE 1.5° EACH SIDE OF RANGLINE. LIGHTED THROUGHOUT 24 HOURS.</td>
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<tr>
<td>22040</td>
<td>Buoy 9</td>
<td>41-24-04.054N</td>
<td>FL G 4s</td>
<td>3</td>
<td>Green.</td>
<td></td>
<td>GREEN CAN.</td>
</tr>
<tr>
<td>22055</td>
<td>SCOTCH CAP LIGHT 11</td>
<td>41-24-21.668N</td>
<td>FL G 4s</td>
<td>21</td>
<td>3</td>
<td>SG on skeleton tower on concrete base.</td>
<td></td>
</tr>
<tr>
<td>22060</td>
<td>Buoy 13</td>
<td>41-24-36.464N</td>
<td>FL G 4s</td>
<td>4</td>
<td>Green.</td>
<td></td>
<td>GREEN CAN.</td>
</tr>
<tr>
<td>22063</td>
<td>Buoy 14</td>
<td>41-25-00.010N</td>
<td>FL R 4s</td>
<td>3</td>
<td>Red</td>
<td></td>
<td>RED NUN.</td>
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<tr>
<td>22065</td>
<td>ICE HOUSE LIGHT 15</td>
<td>41-25-04.338N</td>
<td>FL G 4s</td>
<td>13</td>
<td>3</td>
<td>SG on pipe tower on concrete base.</td>
<td></td>
</tr>
<tr>
<td>22070</td>
<td>Buoy 16</td>
<td>41-25-26.734N</td>
<td>FL G 4s</td>
<td>3</td>
<td>Green.</td>
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<td>RED NUN.</td>
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<tr>
<td>22075</td>
<td>BARTLETT POINT LIGHT 17</td>
<td>41-25-33.533N</td>
<td>FL G 4s</td>
<td>3</td>
<td>SG on pipe tower on concrete base.</td>
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<tr>
<td>22078</td>
<td>Buoy 18</td>
<td>41-25-44.869N</td>
<td>FL G 4s</td>
<td>3</td>
<td>Red</td>
<td></td>
<td>RED NUN.</td>
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<tr>
<td>22080</td>
<td>Buoy 20</td>
<td>41-26-05.181N</td>
<td>FL G 4s</td>
<td>4</td>
<td>Green.</td>
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**Upper Thames River**

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<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
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<tbody>
<tr>
<td>22105</td>
<td>ALLYN POINT LIGHT 22</td>
<td>41-26-37.171N</td>
<td>FL R 4s</td>
<td>21</td>
<td>3</td>
<td>TR on pipe tower on concrete base.</td>
<td></td>
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<tr>
<td>22110</td>
<td>Thames River Buoy 23</td>
<td>41-26-49.624N</td>
<td>TR on pipe tower on concrete base.</td>
<td>21</td>
<td>3</td>
<td>TR on pipe tower on concrete base.</td>
<td></td>
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<tr>
<td>22115</td>
<td>LONG REACH LOWER LIGHT 24</td>
<td>41-26-53.861N</td>
<td>FL R 4s</td>
<td>13</td>
<td>3</td>
<td>TR on pipe tower on concrete base.</td>
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</tr>
<tr>
<td>22120</td>
<td>Thames River Buoy 25</td>
<td>41-27-00.164N</td>
<td>FL R 4s</td>
<td>13</td>
<td>3</td>
<td>TR on pipe tower on concrete base.</td>
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<tr>
<td>22125</td>
<td>Thames River Buoy 26</td>
<td>41-27-02.544N</td>
<td>FL R 4s</td>
<td>13</td>
<td>3</td>
<td>TR on pipe tower on concrete base.</td>
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<tr>
<td>22130</td>
<td>LONG REACH UPPER LIGHT 27</td>
<td>41-27-10.795N</td>
<td>FL G 4s</td>
<td>21</td>
<td>3</td>
<td>SG on pipe tower on concrete base.</td>
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<tr>
<td>22140</td>
<td>STODDARDS OLD DOCK LIGHT 30</td>
<td>41-27-38.420N</td>
<td>FL R 4s</td>
<td>21</td>
<td>3</td>
<td>TR on pipe tower on concrete base.</td>
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<tr>
<td>22143</td>
<td>Thames River Wreck Buoy WR30A</td>
<td>41-27-41.254N</td>
<td>TR on pipe tower on concrete base.</td>
<td>21</td>
<td>3</td>
<td>TR on pipe tower on concrete base.</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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<td>22150</td>
<td>WALDEN ISLAND LIGHT 32</td>
<td>41-28-05.013N 072-04-06.776W</td>
<td>Fl R 2.5s</td>
<td>14</td>
<td>3</td>
<td>TR on pipe tower on concrete base.</td>
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</tr>
<tr>
<td>22155</td>
<td>Thames River Buoy 33</td>
<td>41-28-05.723N 072-04-12.797W</td>
<td></td>
<td></td>
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<td>Green can.</td>
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<tr>
<td>22195</td>
<td>INDIAN HILL LIGHT 39</td>
<td>41-29-10.753N 072-04-46.645W</td>
<td>Fl G 4s</td>
<td>13</td>
<td>3</td>
<td>SG on pipe tower on concrete base.</td>
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<tr>
<td>22205</td>
<td>Thames River Buoy 41</td>
<td>41-29-33.213N 072-04-51.198W</td>
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<td>Green can.</td>
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<tr>
<td>22210</td>
<td>BURNT HOUSE PIER LIGHT 42</td>
<td>41-29-40.639N 072-04-48.547W</td>
<td>Fl R 2.5s</td>
<td>16</td>
<td>3</td>
<td>TR on skeleton tower on concrete base.</td>
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<tr>
<td>22215</td>
<td>PERCHE ROCK LIGHT 43 On rock.</td>
<td>41-29-50.489N 072-04-57.104W</td>
<td>Fl G 4s</td>
<td>21</td>
<td>3</td>
<td>SG on pipe tower on concrete base.</td>
<td></td>
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<tr>
<td>22220</td>
<td>Thames River Channel Buoy 44</td>
<td>41-29-56.863N 072-04-57.818W</td>
<td></td>
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<td>Red nun.</td>
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<td>22225</td>
<td>Thames River Channel Buoy 45</td>
<td>41-30-06.617N 072-05-03.746W</td>
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<td>Green can.</td>
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<td>22230</td>
<td>SAND PIER LIGHT 47</td>
<td>41-30-12.992N 072-05-05.016W</td>
<td>Fl G 2.5s</td>
<td>13</td>
<td>3</td>
<td>SG on pipe tower on concrete base.</td>
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<tr>
<td>22240</td>
<td>LOWER COAL DOCK LIGHT 50</td>
<td>41-30-41.608N 072-04-40.121W</td>
<td>Fl R 4s</td>
<td>21</td>
<td>3</td>
<td>TR on pipe tower on concrete base.</td>
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<tr>
<td>22245</td>
<td>Thames River Channel Buoy 51</td>
<td>41-30-44.031N 072-04-43.881W</td>
<td></td>
<td></td>
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<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>22250</td>
<td>Thames River Channel Buoy 53</td>
<td>41-31-00.636N 072-04-43.305W</td>
<td></td>
<td></td>
<td></td>
<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>22255</td>
<td>Bartlett Reef North End Buoy 1</td>
<td>41-17-45.373N 072-08-29.397W</td>
<td></td>
<td></td>
<td></td>
<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>22260</td>
<td>Two Tree Island Shoal Buoy 3</td>
<td>41-17-53.353N 072-09-15.676W</td>
<td></td>
<td></td>
<td></td>
<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>22275</td>
<td>White Rock Lighted Bell Buoy 6</td>
<td>41-18-00.342N 072-10-29.290W</td>
<td>Fl R 4s</td>
<td>3</td>
<td></td>
<td>Red.</td>
<td></td>
</tr>
</tbody>
</table>

**LONG ISLAND SOUND (Connecticut) - First District**

**NEW LONDON HARBOR AND VICINITY (Chart 13213)**

**Upper Thames River**

- WALDEN ISLAND LIGHT 32
  - Position: 41-28-05.013N 072-04-06.776W
  - Characteristic: Fl R 2.5s
  - Height: 14
  - Range: 3
  - Remarks: TR on pipe tower on concrete base.
- Thames River Buoy 33
  - Position: 41-28-05.723N 072-04-12.797W
  - Characteristics: Fl R 4s
  - Height: 13
  - Range: 3
  - Structure: Green can.
- Thames River Buoy 34
  - Characteristics: Fl R 4s
  - Height: 13
  - Range: 3
  - Structure: Red nun.
- Thames River Buoy 35
  - Characteristics: Fl G 4s
  - Height: 13
  - Range: 3
  - Structure: Green can.
- MOHEGAN DIKE LIGHT 36
  - Characteristic: Fl R 4s
  - Height: 13
  - Range: 3
  - Remarks: TR on pipe tower on concrete base.
- Thames River Buoy 38
  - Position: 41-28-59.723N 072-04-32.208W
  - Characteristic: Fl G 4s
  - Height: 13
  - Range: 3
  - Remarks: Red nun.
- INDIAN HILL LIGHT 39
  - Position: 41-29-10.753N 072-04-46.645W
  - Characteristic: Fl G 4s
  - Height: 13
  - Range: 3
  - Remarks: SG on pipe tower on concrete base.
- PRIDE PIER LIGHT 40
  - Characteristic: Fl R 4s
  - Height: 13
  - Range: 3
  - Remarks: TR on pipe tower on concrete base.
- Thames River Buoy 41
  - Position: 41-29-33.213N 072-04-51.198W
  - Characteristics: Fl R 2.5s
  - Height: 16
  - Range: 3
  - Remarks: TR on skeleton tower on concrete base.
- PERCHE ROCK LIGHT 43 On rock.
  - Position: 41-29-50.489N 072-04-57.104W
  - Characteristic: Fl G 4s
  - Height: 21
  - Range: 3
  - Remarks: SG on pipe tower on concrete base.
- Thames River Channel Buoy 44
  - Position: 41-29-56.863N 072-04-57.818W
  - Characteristics: Fl R 4s
  - Height: 21
  - Range: 3
  - Remarks: Red nun.
- Thames River Channel Buoy 45
  - Position: 41-30-06.617N 072-05-03.746W
  - Characteristics: Fl R 2.5s
  - Height: 13
  - Range: 3
  - Remarks: SG on pipe tower on concrete base.
- SAND PIER LIGHT 47
  - Position: 41-30-12.992N 072-05-05.016W
  - Characteristic: Fl G 2.5s
  - Height: 13
  - Range: 3
  - Remarks: Red nun.
- Thames River Channel Buoy 48
  - Characteristics: Fl G 4s
  - Height: 21
  - Range: 3
  - Remarks: TR on pipe tower on concrete base.
- LOWER COAL DOCK LIGHT 50
  - Position: 41-30-41.608N 072-04-40.121W
  - Characteristic: Fl R 4s
  - Height: 21
  - Range: 3
  - Remarks: TR on pipe tower on concrete base.
- Thames River Channel Buoy 51
  - Position: 41-30-44.031N 072-04-43.881W
  - Characteristics: Fl R 2.5s
  - Height: 13
  - Range: 3
  - Remarks: Green can.
- Thames River Channel Buoy 53
  - Position: 41-31-00.636N 072-04-43.305W
  - Characteristics: Fl R 4s
  - Height: 3
  - Range: |
## Niantic Bay and Vicinity (Chart 13211)

### Millstone Security Zone

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>22279.5</td>
<td>Buoy H</td>
<td>41-18-12.660N 072-09-59.280W</td>
<td>White and orange can.</td>
<td></td>
<td></td>
<td></td>
<td>Private aid.</td>
</tr>
<tr>
<td>22279.6</td>
<td>Buoy I</td>
<td>41-18-16.200N 072-10-02.880W</td>
<td>White and orange can.</td>
<td></td>
<td></td>
<td></td>
<td>Private aid.</td>
</tr>
</tbody>
</table>

### Niantic Bay and Vicinity (Chart 13211)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>22285</td>
<td>Black Rock Buoy 8</td>
<td>41-18-34.642N 072-10-42.910W</td>
<td>Red nun.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>22290</td>
<td>CRESCENT PARK LIGHT</td>
<td>41-18-39.480N 072-12-03.060W</td>
<td>Fi W 6s</td>
<td>8</td>
<td></td>
<td>On pile.</td>
<td>Maintained from Apr. 15 to Nov. 15.</td>
</tr>
</tbody>
</table>

### Niantic River

Positions of buoys frequently shifted with changing conditions.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>22305</td>
<td>Channel Buoy 1</td>
<td>41-19-10.214N 072-10-55.174W</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22310</td>
<td>Channel Buoy 3</td>
<td>41-19-16.158N 072-10-45.510W</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22321</td>
<td>Mago Point West Daybeacon</td>
<td>41-19-34.600N 072-10-39.000W</td>
<td>SG on pile.</td>
<td></td>
<td></td>
<td></td>
<td>Private aid.</td>
</tr>
<tr>
<td>22325</td>
<td>Channel Daybeacon 7</td>
<td>41-19-33.152N 072-10-48.980W</td>
<td>SG on pile.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22330</td>
<td>Channel Daybeacon 8</td>
<td>41-19-34.452N 072-10-48.180W</td>
<td>TR on pile.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22335</td>
<td>Niantic Dockominium LIGHT D</td>
<td>41-19-38.500N 072-11-00.400W</td>
<td>Fi Y 2s</td>
<td>9</td>
<td></td>
<td>SY on pier.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>22380</td>
<td>Channel Buoy 18</td>
<td>41-20-01.985N 072-10-43.175W</td>
<td>Red nun.</td>
<td></td>
<td></td>
<td></td>
<td>Removed when endangered by ice.</td>
</tr>
<tr>
<td>22385</td>
<td>Channel Buoy 19</td>
<td>41-20-01.298N 072-10-45.120W</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td>Removed when endangered by ice.</td>
</tr>
</tbody>
</table>
## NANTIC BAY AND VICINITY (Chart 13211)

**Niantic River**

Positions of buoys frequently shifted with changing conditions.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>22390</td>
<td>Channel Buoy 21</td>
<td>41-20-06.222N 072-10-43.410W</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td>Removed when endangered by ice.</td>
</tr>
<tr>
<td>22400</td>
<td>Channel Buoy 22</td>
<td>41-20-06.678N 072-10-42.480W</td>
<td>Red nun.</td>
<td></td>
<td></td>
<td></td>
<td>Removed when endangered by ice.</td>
</tr>
<tr>
<td>22405</td>
<td>Channel Buoy 22A</td>
<td>41-20-08.632N 072-10-52.471W</td>
<td>Red nun.</td>
<td></td>
<td></td>
<td></td>
<td>Removed when endangered by ice.</td>
</tr>
<tr>
<td>22410</td>
<td>Channel Buoy 23</td>
<td>41-20-09.594N 072-10-56.753W</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td>Removed when endangered by ice.</td>
</tr>
<tr>
<td>22435</td>
<td>Channel Day beacon 28</td>
<td>41-20-22.500N 072-10-58.400W</td>
<td>TR on pile.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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</table>

**Smith Cove**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>22449</td>
<td>Day beacon 1</td>
<td>41-20-17.520N 072-10-58.440W</td>
<td>SG on pile.</td>
<td></td>
<td></td>
<td></td>
<td>Private aid.</td>
</tr>
<tr>
<td>22450</td>
<td>Day beacon 1A</td>
<td>41-20-16.800N 072-11-05.880W</td>
<td>SG on pile.</td>
<td></td>
<td></td>
<td></td>
<td>Private aid.</td>
</tr>
<tr>
<td>22455</td>
<td>Day beacon 2</td>
<td>41-20-18.000N 072-11-05.880W</td>
<td>TR on pile.</td>
<td></td>
<td></td>
<td></td>
<td>Private aid.</td>
</tr>
</tbody>
</table>

**Pattaganset River**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>22490</td>
<td>Seal Rock Buoy 5</td>
<td>41-17-40.484N 072-13-49.998W</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
</tr>
<tr>
<td>-----</td>
<td>-----------------------------------</td>
<td>--------------------------------</td>
<td>----------------</td>
<td>--------</td>
<td>-------</td>
<td>-----------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>22495</td>
<td>Saybrook Breakwater Light</td>
<td>41-15-47.600N, 072-20-33.600W</td>
<td>Fl G 6s</td>
<td>58</td>
<td>14</td>
<td>White conical tower on brown cylindrical pier. 49</td>
<td>Emergency light of reduced intensity when main light is extinguished.</td>
</tr>
<tr>
<td>2115</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HORN: 1 blast ev 30s (3s bl). HMRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175MHz. Key microphone 5 times consecutively, to activate fog signal for 45 minutes.</td>
</tr>
<tr>
<td>22510</td>
<td>Saybrook Day beacon</td>
<td>41-16-07.349N, 072-20-17.131W</td>
<td>White globe on granite structure.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22520</td>
<td>Lynde Point Light</td>
<td>41-16-17.300N, 072-20-34.900W</td>
<td>F W</td>
<td>71</td>
<td>14</td>
<td>White stone tower. 71</td>
<td></td>
</tr>
<tr>
<td>22525</td>
<td>- Lighted Buoy 5</td>
<td>41-16-18.683N, 072-20-29.988W</td>
<td>Fl G 4s</td>
<td>3</td>
<td></td>
<td>Green</td>
<td>Replaced by can when endangered by ice.</td>
</tr>
<tr>
<td>22535</td>
<td>- Buoy 7</td>
<td>41-16-35.684N, 072-20-37.149W</td>
<td>Marks east edge of shoal</td>
<td></td>
<td></td>
<td>Green can.</td>
<td></td>
</tr>
<tr>
<td>22540</td>
<td>- Lighted Buoy 8</td>
<td>41-16-42.234N, 072-20-37.419W</td>
<td>Fl R 4s</td>
<td>3</td>
<td></td>
<td>Red</td>
<td>Replaced by nun when endangered by ice.</td>
</tr>
<tr>
<td>22545</td>
<td>- Buoy 10</td>
<td>41-16-58.812N, 072-20-42.888W</td>
<td>Marks west edge of shoal</td>
<td></td>
<td></td>
<td>Red nun.</td>
<td></td>
</tr>
<tr>
<td>22550</td>
<td>- Lighted Buoy 14</td>
<td>41-17-20.385N, 072-20-57.209W</td>
<td>Fl R 4s</td>
<td>3</td>
<td></td>
<td>Red</td>
<td>Replaced by nun from Nov. 15 to May 1.</td>
</tr>
<tr>
<td>22575</td>
<td>- Buoy 17</td>
<td>41-17-34.744N, 072-21-01.910W</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22580</td>
<td>- Lighted Buoy 19</td>
<td>41-17-52.643N, 072-21-01.840W</td>
<td>Fl G 4s</td>
<td>3</td>
<td></td>
<td>Green</td>
<td>Replaced by can from Nov. 15 to May 1.</td>
</tr>
<tr>
<td>22585</td>
<td>Calves Island Bar South Junction Buoy C1</td>
<td>41-19-19.854N, 072-20-42.900W</td>
<td>Red and green bands; nun.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22600</td>
<td>- Lighted Buoy 23</td>
<td>41-19-57.664N, 072-21-10.140W</td>
<td>Fl G 4s</td>
<td>3</td>
<td></td>
<td>Green</td>
<td>Replaced by can from Nov. 15 to May 1.</td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
</tr>
<tr>
<td>-----</td>
<td>------------------</td>
<td>----------</td>
<td>----------------</td>
<td>--------</td>
<td>-------</td>
<td>-----------</td>
<td>---------</td>
</tr>
<tr>
<td>22605</td>
<td>Buoy 24 120 feet outside channel limit.</td>
<td>41-20-38.095N 072-22-16.423W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22610</td>
<td>LIGHT 25</td>
<td>41-20-42.508N 072-22-36.140W</td>
<td>Fl G 4s</td>
<td>26</td>
<td>3</td>
<td>SG on skeleton tower, concrete base.</td>
<td></td>
</tr>
</tbody>
</table>

**Essex Anchorages**

- **Buoy A**
  - Name and Location: Buoy A
  - Position: 41-20-43.320N 072-22-37.500W
  - Characteristic: Yellow can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Buoy B**
  - Name and Location: Buoy B
  - Position: 41-20-52.080N 072-22-48.600W
  - Characteristic: Yellow can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Day beacon C**
  - Name and Location: Day beacon C
  - Position: 41-20-54.240N 072-23-02.400W
  - Characteristic: Yellow square on pile.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Buoy D**
  - Name and Location: Buoy D
  - Position: 41-20-55.140N 072-22-59.940W
  - Characteristic: Yellow can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Buoy E**
  - Name and Location: Buoy E
  - Position: 41-20-54.060N 072-22-50.460W
  - Characteristic: Yellow can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Buoy F**
  - Name and Location: Buoy F
  - Position: 41-21-03.840N 072-22-51.000W
  - Characteristic: Yellow can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Buoy G**
  - Name and Location: Buoy G
  - Position: 41-21-06.840N 072-23-00.120W
  - Characteristic: Yellow can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Buoy H**
  - Name and Location: Buoy H
  - Position: 41-21-08.340N 072-22-59.520W
  - Characteristic: Yellow can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Buoy I**
  - Name and Location: Buoy I
  - Position: 41-21-05.820N 072-22-51.240W
  - Characteristic: Yellow can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Buoy J**
  - Name and Location: Buoy J
  - Characteristic: Yellow can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Lighted Buoy 26**
  - Name and Location: Lighted Buoy 26
  - Position: 41-20-55.844N 072-22-46.594W
  - Characteristic: Fl R 4s
  - Height: 22
  - Range: 6
  - Structure: Replaced by nun from Nov. 15 to May 1.

- **Buoy 28 25 feet outside channel limit.**
  - Name and Location: Buoy 28
  - Characteristic: Red nun.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **LIGHT 29**
  - Name and Location: LIGHT 29
  - Position: 41-22-07.534N 072-22-34.523W
  - Characteristic: Fl G 4s
  - Height: 22
  - Range: 6
  - Structure: SG on skeleton tower.

- **Channel Buoy 29A**
  - Name and Location: Channel Buoy 29A
  - Characteristic: Green can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Essex Meadows Anchorage Buoy A**
  - Name and Location: Essex Meadows Anchorage Buoy A
  - Characteristic: White with Orange bands, can.
  - Height: 22
  - Range: 6
  - Structure: Maintained from Apr. 1 to Dec. 1.
  - Remarks: Private aid.

- **Essex Meadows Anchorage Buoy B**
  - Name and Location: Essex Meadows Anchorage Buoy B
  - Position: 41-22-29.220N 072-22-54.060W
  - Characteristic: Yellow can.
  - Height: 22
  - Range: 6
  - Structure: Maintained from Apr. 1 to Dec. 1.
  - Remarks: Private aid.

- **Hamburg Cove**
  - Name and Location: Hamburg Cove
  - Characteristic: Green can.
  - Height: 22
  - Range: 6
  - Structure: Maintained year round.

- **Entrance Buoy 1**
  - Name and Location: Entrance Buoy 1
  - Characteristic: Red nun.
  - Height: 22
  - Range: 6
  - Structure: Maintained year round.

- **Entrance Buoy 2**
  - Name and Location: Entrance Buoy 2
  - Position: 41-22-28.100N 072-22-12.000W
  - Characteristic: Red nun.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Entrance Buoy 2A**
  - Name and Location: Entrance Buoy 2A
  - Position: 41-22-29.600N 072-22-09.000W
  - Characteristic: Green can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Entrance Buoy 3**
  - Name and Location: Entrance Buoy 3
  - Characteristic: Red nun.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Entrance Buoy 4**
  - Name and Location: Entrance Buoy 4
  - Position: 41-22-30.900N 072-22-03.200W
  - Characteristic: Green can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Entrance Buoy 5**
  - Name and Location: Entrance Buoy 5
  - Position: 41-22-29.600N 072-22-03.700W
  - Characteristic: Red nun.
  - Height: 22
  - Range: 6
  - Structure: Private aid.

- **Entrance Buoy 6**
  - Name and Location: Entrance Buoy 6
  - Position: 41-22-30.100N 072-21-58.300W
  - Characteristic: Green can.
  - Height: 22
  - Range: 6
  - Structure: Private aid.
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<th>Position</th>
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<th>Height</th>
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<td>22727</td>
<td>Entrance Buoy 9</td>
<td>41-22-33.900N</td>
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<td>On dolphin center pile.</td>
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<td>41-31-12.341N 072-33-31.544W</td>
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<td>KRW and SG on skeleton tower.</td>
<td>Visible all around; higher intensity on range line.</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
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<td>Oc G 4s</td>
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<td>LIGHT 70</td>
<td>41-32-04.812N 072-32-58.216W</td>
<td>Fi R 4s</td>
<td>27</td>
<td>3</td>
<td>TR on skeleton tower.</td>
<td>Higher intensity beam up and down river.</td>
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<td>41-32-55.266N 072-33-09.863W</td>
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<td>KRW and TR on skeleton tower.</td>
<td>Visible all around; higher intensity on rangeline.</td>
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<td>RANGE F REAR LIGHT 177.1° 40 yards from front light.</td>
<td>41-38-34.408N</td>
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<td>Visible 1.5° each side of range line.</td>
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<td>Fl G 4s</td>
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<td>RANGE G REAR LIGHT 71 yards, 070.5° from front light.</td>
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<td>109</td>
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<td>Visible 1.5° each side of rangeline.</td>
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<td>41-40-32.002N</td>
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<td>41-41-07.788N</td>
<td>Fl R 2.5s</td>
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<td>41-41-21.708N</td>
<td>Fl R 4s</td>
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<td>41-41-23.949N</td>
<td>Fl G 4s</td>
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<td>SG on skeleton tower.</td>
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<td>Buoy 126</td>
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<td>Fl G 2.5s</td>
<td>37</td>
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<td>KRW on skeleton tower.</td>
<td>Visible all around; higher intensity on rangeline.</td>
</tr>
</tbody>
</table>

LONG ISLAND SOUND (Connecticut) - First District

Western Long Island Sound, Chart 12377

Connecticut River

23155 - Buoy 99 41-36-02.186N 072-37-22.680W

23160 - LIGHT 100 41-36-07.834N 072-36-56.170W

23165 - RANGE E FRONT LIGHT 102 41-36-40.134N 072-36-42.719W

23170 - RANGE E REAR LIGHT 116 yards, 128.7° from front light.

23175 - Buoy 104 41-36-55.028N 072-37-07.129W


23190 - LIGHT 107 41-37-49.669N 072-37-58.010W


23200 - RANGE F FRONT LIGHT 110 41-38-35.577N 072-37-24.684W

23205 - RANGE F REAR LIGHT 177.1° 40 yards from front light.

23210 - LIGHT 113 41-40-05.171N 072-37-43.760W

23215 - Buoy 115 41-40-16.456N 072-37-06.374W


23225 - RANGE G REAR LIGHT 71 yards, 070.5° from front light.

23230 - GLASTONBURY BAR LIGHT 41-40-32.002N 072-36-25.242W

23235 - LIGHT 120 41-41-07.788N 072-36-36.071W

23240 - Buoy 121 41-41-11.858N 072-36-47.327W

23245 - LIGHT 122 41-41-18.847N 072-36-33.201W


23255 - Buoy 124 41-41-21.708N 072-37-34.258W

23260 - LIGHT 125 41-41-23.949N 072-38-09.026W

23265 - Buoy 126 41-41-51.694N 072-38-11.192W

23270 - RANGE J FRONT LIGHT 41-41-58.884N 072-38-12.110W
### LONG ISLAND SOUND (Connecticut) - First District

#### BODKIN ROCK TO HARTFORD (Chart 12377)

**Connecticut River**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>23280</td>
<td>Buoy 127</td>
<td>41-42-43.894N 072-37-12.194W</td>
<td></td>
<td></td>
<td>Green can.</td>
<td>Maintained from June 1 to Nov. 1.</td>
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#### Wethersfield Cove

<table>
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<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
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<tbody>
<tr>
<td>23310</td>
<td>Day beacon 1</td>
<td>41-43-31.331N 072-39-03.650W</td>
<td>TR on pile.</td>
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#### Connecticut River

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
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<th>Height</th>
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<tbody>
<tr>
<td>23335</td>
<td>Buoy 137</td>
<td>41-43-41.539N 072-38-51.770W</td>
<td>SG on skeleton tower.</td>
<td>20</td>
<td></td>
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<td>Maintained from June 1 to Nov. 1.</td>
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<tr>
<td>23340</td>
<td>LIGHT 138</td>
<td>41-43-49.872N 072-38-37.384W</td>
<td>Fl R 4s</td>
<td>31</td>
<td>3</td>
<td>TR on skeleton tower.</td>
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<tr>
<td>23345</td>
<td>LIGHT 140</td>
<td>41-44-02.965N 072-38-26.687W</td>
<td>Fl R 4s</td>
<td>36</td>
<td>3</td>
<td>TR on skeleton tower.</td>
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<tr>
<td>23365</td>
<td>HARTFORD JETTY LIGHT 143</td>
<td>41-45-03.657N 072-39-02.752W</td>
<td>Fl G 4s</td>
<td>26</td>
<td>3</td>
<td>SG on pipe tower.</td>
<td></td>
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<tr>
<td>23380</td>
<td>West Beach Shoal Buoy</td>
<td>41-16-16.000N 072-27-08.000W</td>
<td></td>
<td></td>
<td>White with orange band; can.</td>
<td>Maintained from May. 1 to Nov. 1. Private aid.</td>
<td></td>
</tr>
<tr>
<td>23385</td>
<td>Menunketesuck Island Shoal Buoy</td>
<td>41-15-32.000N 072-27-35.000W</td>
<td></td>
<td></td>
<td>White with orange band; can.</td>
<td>Maintained from May. 1 to Nov. 1. Private aid.</td>
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#### DUCK ISLAND TO MADISON REEF (Chart 12374)

**Duck Island Roads**

<table>
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<th>Height</th>
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<tbody>
<tr>
<td>23400</td>
<td>DUCK ISLAND WEST BREAKWATER LIGHT 2DI</td>
<td>41-15-22.686N 072-29-06.556W</td>
<td>Fl R 4s</td>
<td>17</td>
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**Patchogue River**

<table>
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<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>23405</td>
<td>BREAKWATER LIGHT 3A</td>
<td>41-16-07.500N 072-28-23.000W</td>
<td>Fl G 4s</td>
<td>21</td>
</tr>
<tr>
<td>23415</td>
<td>Channel Buoy 3</td>
<td>41-16-01.418N 072-28-22.794W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23420</td>
<td>Channel Buoy 4</td>
<td>41-16-05.023N 072-28-20.342W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23425</td>
<td>Channel Buoy 5</td>
<td>41-16-00.000N 072-28-21.000W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
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<tr>
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</tr>
<tr>
<td>23435</td>
<td>Channel Day beacon 6</td>
<td>41-16-15.120N 072-28-16.860W</td>
<td>TR on pile.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>23440</td>
<td>Day beacon 7</td>
<td>41-16-25.000N 072-28-00.000W</td>
<td>SG on pile.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>23445</td>
<td>Day beacon 8</td>
<td>41-16-00.000N 072-28-11.000W</td>
<td>TR on pile.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>23450</td>
<td>Channel Day beacon 10</td>
<td>41-16-00.000N 072-28-07.000W</td>
<td>TR on pile.</td>
<td>Private aid.</td>
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<tr>
<td>23455</td>
<td>KELSEY POINT BREAKWATER LIGHT</td>
<td>41-14-36.581N 072-30-28.943W</td>
<td>Fl W 2.5s</td>
<td>22</td>
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<tr>
<td>Clinton Harbor</td>
<td>Channel buoys located 20 feet outside channel limit.</td>
<td></td>
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</tr>
<tr>
<td>23485</td>
<td>Channel Buoy 9</td>
<td>41-15-47.765N 072-31-34.637W</td>
<td>Green can.</td>
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</tr>
<tr>
<td>23495</td>
<td>Channel Buoy 11A</td>
<td>41-16-00.055N 072-31-23.987W</td>
<td>Green can.</td>
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<tr>
<td>23505</td>
<td>Channel Buoy 13</td>
<td>41-16-03.180N 072-31-29.460W</td>
<td>Green can.</td>
<td>Maintained from May 1 to Dec. 1.</td>
</tr>
<tr>
<td>23513</td>
<td>Channel Buoy 15</td>
<td>41-16-05.280N 072-31-33.960W</td>
<td>Green can.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>23515</td>
<td>Channel Buoy 16</td>
<td>41-16-06.600N 072-31-33.840W</td>
<td>Red nun.</td>
<td>Maintained from May 1 to Dec. 1.</td>
</tr>
</tbody>
</table>

Hammonasset River
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
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<tr>
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</table>

**QUILFORD HARBOR TO FARM RIVER (Chart 12373)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
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<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>23720</td>
<td>Indian Reef Buoy 1</td>
<td>41-14-38.551N, 072-40-30.471W</td>
<td>Green can.</td>
<td></td>
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<tr>
<td>23760</td>
<td>Channel Buoy 13</td>
<td>41-16-05.353N, 072-39-57.171W</td>
<td>Green can.</td>
<td></td>
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**West River Entrance**

*Aids maintained from May 1 to Oct. 1.*

<table>
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<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
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<th>Remarks</th>
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</table>
Light List corrected through LNM week: 24/19

LONG ISLAND SOUND (Connecticut) - First District

**Guilford Harbor**

**West River Entrance**  
_Aids maintained from May 1 to Oct. 1._

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
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<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>23810</td>
<td>WEST RIVER RANGE FRONT LIGHT</td>
<td>41-16-07.600N 072-40-40.600W</td>
<td>Q W 16</td>
<td>KRW on pile.</td>
<td>Visible on range line only. Private aid.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23815</td>
<td>WEST RIVER RANGE REAR LIGHT</td>
<td>41-16-13.600N 072-40-47.000W</td>
<td>Iso W 6s 30</td>
<td>KRW on pile.</td>
<td>Visible on range line only. Private aid.</td>
<td></td>
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</table>

**The Thimbles**

**Thimble Shoals**

<table>
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<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
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**Stony Creek**

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<th>Remarks</th>
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**The Thimbles**

<table>
<thead>
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<th>Name and Location</th>
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<th>Height</th>
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<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>23870</td>
<td>High Island East Shoal Buoy</td>
<td>41-14-52.115N 072-45-28.186W</td>
<td>Green can.</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
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<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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<tr>
<td>23875</td>
<td>East Reef Buoy 1</td>
<td>41-13-57.819N</td>
<td>Green can.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>23880</td>
<td>Wheaton Reef Buoy 3</td>
<td>41-14-12.249N</td>
<td>Green can.</td>
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<tr>
<td>23885</td>
<td>Inner Reef North Buoy 5</td>
<td>41-14-31.699N</td>
<td>Green can.</td>
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<tr>
<td>23890</td>
<td>Gangway Rock Buoy 1</td>
<td>41-14-19.405N</td>
<td>Green can.</td>
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<tr>
<td>23895</td>
<td>Northwest Reef Buoy 2NW</td>
<td>41-14-04.589N</td>
<td>Red nun.</td>
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<tr>
<td>23900</td>
<td>Hookers Rock Buoy 3</td>
<td>41-14-37.649N</td>
<td>Green can.</td>
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<tr>
<td>23905</td>
<td>Inner Reef South Buoy 4</td>
<td>41-14-26.859N</td>
<td>Red nun.</td>
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<tr>
<td>23910</td>
<td>Pine Orchard Approach Lighted Buoy 4A</td>
<td>41-14-33.419N</td>
<td>Fl R 4s</td>
<td>3</td>
<td></td>
<td></td>
<td>Replaced by nun when endangered by ice.</td>
</tr>
<tr>
<td>23915</td>
<td>Pork Rocks Buoy 5</td>
<td>41-15-07.348N</td>
<td>Green can.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>23925</td>
<td>Pine Orchard Approach Lighted Buoy 8</td>
<td>41-15-17.819N</td>
<td>Fl R 4s</td>
<td>3</td>
<td></td>
<td></td>
<td>Replaced by nun from Nov. 15 to May 1.</td>
</tr>
<tr>
<td></td>
<td><strong>Duck Island Roads</strong></td>
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<tr>
<td>23940</td>
<td>QUARRY RANGE MIDDLE LIGHT</td>
<td>41-15-56.300N</td>
<td>F R</td>
<td></td>
<td></td>
<td>KRW attached to loading chute.</td>
<td>Private aid.</td>
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<tr>
<td>23945</td>
<td>Quarry Range Rear Daybeacon</td>
<td>41-16-16.400N</td>
<td></td>
<td></td>
<td></td>
<td>KRW on wooden pile.</td>
<td>Private aid.</td>
</tr>
<tr>
<td></td>
<td><strong>Pine Orchard Harbor</strong></td>
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<tr>
<td>23946</td>
<td>BREAKWATER LIGHT</td>
<td>41-15-44.000N</td>
<td>Fl G 6s</td>
<td>6</td>
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<td>SG on pile.</td>
<td>Private aid.</td>
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<tr>
<td>23946.1</td>
<td>Buoy 1</td>
<td>41-15-43.100N</td>
<td>Green can.</td>
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<td>Maintained from Apr. 1 to Nov. 1.</td>
<td>Private aid.</td>
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<tr>
<td>23946.5</td>
<td>Buoy 3</td>
<td>41-15-45.800N</td>
<td>Green can.</td>
<td></td>
<td></td>
<td>Maintained from Apr. 1 to Nov. 1.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
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<td>Range</td>
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<tr>
<td>23975</td>
<td>Approach Buoy 1</td>
<td>41-14-27.569N 072-51-30.600W</td>
<td>Green can.</td>
<td>3</td>
<td>Red.</td>
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</table>

**NEW HAVEN HARBOR (Chart 12371)**

<table>
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<tr>
<th>No.</th>
<th>Name and Location</th>
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<th>Characteristic</th>
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<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>23985</td>
<td>East Entrance Buoy 1</td>
<td>41-14-09.073N 072-53-47.440W</td>
<td>Green can.</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23990</td>
<td>East Entrance Buoy 2</td>
<td>41-14-12.780N 072-53-42.101W</td>
<td>Red nun.</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24000</td>
<td>East Entrance Buoy 5</td>
<td>41-14-26.243N 072-54-14.351W</td>
<td>Green can.</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24005</td>
<td>Adams Fall Buoy A</td>
<td>41-14-36.333N 072-54-39.150W</td>
<td>Red and green bands; nun.</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24010</td>
<td>East Entrance Channel Buoy 6</td>
<td>41-14-44.559N 072-54-22.734W</td>
<td>Red nun.</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24020</td>
<td>OUTER CHANNEL RANGE FRONT LIGHT</td>
<td>41-15-38.743N 072-56-05.064W</td>
<td>F G</td>
<td>34</td>
<td>On skeleton tower.</td>
<td>Visible 0.5° each side of range line. Lighted throughout 24 hours.</td>
<td></td>
</tr>
<tr>
<td>24025</td>
<td>OUTER CHANNEL RANGE REAR LIGHT</td>
<td>41-16-01.016N 072-56-19.741W</td>
<td>F G</td>
<td>68</td>
<td>On skeleton tower.</td>
<td>Visible 0.5° each side of range line. Lighted throughout 24 hours.</td>
<td></td>
</tr>
<tr>
<td>24030</td>
<td>Channel Lighted Gong Buoy 1</td>
<td>41-13-17.590N 072-54-35.905W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>Green.</td>
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<td></td>
</tr>
<tr>
<td>24035</td>
<td>Lighted Buoy 2</td>
<td>41-13-20.130N 072-54-30.255W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
<td></td>
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</tr>
<tr>
<td>24040</td>
<td>Buoy 3</td>
<td>41-13-38.760N 072-54-49.886W</td>
<td>Green can.</td>
<td>3</td>
<td>Red.</td>
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</tr>
<tr>
<td>24045</td>
<td>Channel Lighted Buoy 4</td>
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**West Haven Channel**

Channel buoys located 50 feet outside channel limit.

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**HOUSATONIC RIVER AND MILFORD HARBOR (Chart 12370)**

**Milford Harbor**

Channel buoys located 60 feet outside channel limit.

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**Ash Creek**
*Aids maintained May 1 to Nov. 1*

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**Southport Harbor**

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<td>Pine Creek Point Aquaculture Lighted Buoys (4)</td>
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**LONG ISLAND SOUND (Connecticut) - First District**
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<td>White conical tower, middle part brown, on black cylindrical pier.</td>
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<td>NOROTON RANGE REAR LIGHT</td>
<td>41-02-41.000N</td>
<td>F R On pile. Maintained from June 1 to Sept. 65 yards, 352° from front light. Private aid.</td>
<td></td>
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<tr>
<td>25124</td>
<td>Goodwives River Mid-Channel Buoy D</td>
<td>41-02-45.240N</td>
<td>Red and white. Private aid.</td>
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### SHERWOOD POINT TO STAMFORD HARBOR (Chart 12368)

#### Cove Harbor

<table>
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<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>25125</td>
<td>Cove Mills Buoy 1</td>
<td>41-02-22.500N</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Green</td>
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<td>Private aid.</td>
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<tr>
<td>25130</td>
<td>Cove Mills Buoy 2</td>
<td>41-02-25.000N</td>
<td>Fl R 4s</td>
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<td>Red</td>
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<td>Private aid.</td>
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#### Westcott Cove

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
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<th>Height</th>
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<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>25135</td>
<td>East Entrance Lighted Buoy</td>
<td>41-01-40.210N</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Green</td>
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<td>Replaced by can from Nov. 15 to May 1.</td>
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<tr>
<td>25140</td>
<td>East Entrance Buoy 2</td>
<td>41-01-46.160N</td>
<td>Fl R 4s</td>
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<td>25145</td>
<td>West Entrance Danger Buoy</td>
<td>41-01-40.690N</td>
<td>Fl R 4s</td>
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#### Stamford Harbor

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<tr>
<td>25160</td>
<td>Buoy 5</td>
<td>41-01-56.771N</td>
<td>Fl G 2.5s</td>
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<td>25155</td>
<td>Lighted Buoy 4</td>
<td>41-01-55.139N</td>
<td>Fl G 2.5s</td>
<td>37</td>
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#### Remark

Channel buoys located 30 to 60 feet outside of channel limit.
### SHERWOOD POINT TO STAMFORD HARBOR (Chart 12368)

**Stamford Harbor**

Channel buoys located 30 to 60 feet outside of channel limit.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
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<td>2525</td>
<td>Channel Buoy 10</td>
<td>41-01-34.669N</td>
<td>073-32-12.681W</td>
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**Stamford East Branch**

Channel buoys located 30 to 60 feet outside of channel limit.

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<th>Name and Location</th>
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<th>Structure</th>
<th>Remarks</th>
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<tr>
<td>25270</td>
<td>CHANNEL LIGHT 1</td>
<td>41-02-06.849N</td>
<td>073-32-09.531W</td>
<td>Fl G 4s</td>
<td>21</td>
<td>SG on skeleton tower.</td>
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**Stamford West Branch**

Channel buoys located 30 to 60 feet outside of channel limit.

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<th>Name and Location</th>
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<th>Remarks</th>
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<tr>
<td>25290</td>
<td>Channel Buoy 3</td>
<td>41-01-51.710N</td>
<td>073-32-25.672W</td>
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<td>25300</td>
<td>Channel Buoy 5</td>
<td>41-01-55.009N</td>
<td>073-32-31.822W</td>
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<td>25310</td>
<td>Channel Buoy 7</td>
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<td>073-32-34.702W</td>
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<td>073-32-37.513W</td>
<td>Green can.</td>
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### GREENWICH POINT TO NEW ROCHELLE (Chart 12367)

**Captain Harbor (From Eastward)**

<table>
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<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
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<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>25330</td>
<td>Little Captain Island East Lighted Gong Buoy 1 Of east side of reef.</td>
<td>40-59-35.941N</td>
<td>073-35-51.970W</td>
<td>Fl G 2.5s</td>
<td>4</td>
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<tr>
<td>25335</td>
<td>Hen and Chickens Buoy 1A</td>
<td>40-59-44.991N</td>
<td>073-36-17.011W</td>
<td>Green can.</td>
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<tr>
<td>25340</td>
<td>Newfoundland Reef Lighted Buoy 4 Marks southwest side of rock.</td>
<td>41-00-19.797N</td>
<td>073-36-01.260W</td>
<td>Fl R 4s</td>
<td>3</td>
<td>Red.</td>
<td>Replaced by nun from Nov. 15 to May 1.</td>
</tr>
</tbody>
</table>

**Captain Harbor (From Westward)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
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<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>25375</td>
<td>Cormorant Reef Buoy 1 Marks south side of reef.</td>
<td>40-59-08.922N</td>
<td>073-37-42.595W</td>
<td>Green can.</td>
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**Captain Harbor**

<table>
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<tr>
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<th>Name and Location</th>
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<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
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<tbody>
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<tr>
<td>230</td>
<td>Cove Rock Buoy 2</td>
<td>41-00-32.235N</td>
<td>Red nun.</td>
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<tr>
<td>231</td>
<td>On west side of rock.</td>
<td>073-35-21.052W</td>
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<td>232</td>
<td>Greenwich Cove</td>
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<td>233</td>
<td>Captain Harbor</td>
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<tr>
<td>234</td>
<td>Greenwich Point</td>
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<td>235</td>
<td>Buoy 1GP</td>
<td>41-00-35.700N</td>
<td>Green spar.</td>
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<td>Maintained from May 15 to Nov. 1.</td>
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<tr>
<td>236</td>
<td>073-34-56.000W</td>
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<td>237</td>
<td>Buoy 2GP</td>
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<td>238</td>
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<td>239</td>
<td>Buoy 3GP</td>
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<td>240</td>
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<td>Buoy 4GP</td>
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<td>Maintained from May 15 to Nov. 1.</td>
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<tr>
<td>242</td>
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<td>243</td>
<td>Greenwich Cove</td>
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<tr>
<td>244</td>
<td>Inner Cove Rock Buoy 1</td>
<td>41-00-46.620N</td>
<td>Green can.</td>
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<tr>
<td>245</td>
<td>On east side of rock.</td>
<td>073-34-52.147W</td>
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<td>246</td>
<td>Cos Cob Harbor</td>
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<tr>
<td>247</td>
<td>Lighted Buoy 2</td>
<td>41-00-37.901N</td>
<td>Fl R 4s</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>248</td>
<td>Northwest side of rock.</td>
<td>073-36-15.886W</td>
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<td>249</td>
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<td>Green can.</td>
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<td>250</td>
<td>South side of Peck Rock</td>
<td>073-36-10.421W</td>
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<td>251</td>
<td>Buoy 5</td>
<td>41-00-51.670N</td>
<td>Green can.</td>
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<td>252</td>
<td>On southeast point of Saw Island Shoal</td>
<td>073-36-04.511W</td>
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<td>Jake Reef Buoy 2J</td>
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<td>Red spar.</td>
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<td>255</td>
<td>073-35-49.475W</td>
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<td>Private aid.</td>
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<td>256</td>
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<td>41-01-10.872N</td>
<td>Red nun.</td>
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<td>257</td>
<td>073-35-44.324W</td>
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<td>Channel Buoy 11</td>
<td>41-01-23.100N</td>
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<td>Channel Buoy 13</td>
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<td>267</td>
<td>073-35-42.590W</td>
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<td>Greenwich Harbor</td>
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<td>Channel Buoy 2</td>
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<td>270</td>
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<td>Channel Buoy 3</td>
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<td>073-37-17.277W</td>
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<td>Channel Buoy 5</td>
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<td>073-37-23.054W</td>
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<td>Channel Buoy 6</td>
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<td>Red nun.</td>
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<td>278</td>
<td>75 feet outside channel limit.</td>
<td>073-37-20.614W</td>
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<td>Red nun.</td>
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<td>75 feet outside channel limit.</td>
<td>073-37-21.854W</td>
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<td>Channel Buoy 9</td>
<td>41-00-39.950N</td>
<td>Green can.</td>
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<td>Byram Harbor</td>
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<tr>
<td>284</td>
<td>Entrance Buoy 1</td>
<td>40-59-51.336N</td>
<td>Green can.</td>
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<tr>
<td>285</td>
<td>On end of reef.</td>
<td>073-38-09.851W</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
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<tr>
<td>25520</td>
<td>Entrance Lighted Buoy 2</td>
<td>40°59'54.411N, 073°38'13.286W</td>
<td>Fl R 4s</td>
<td>3</td>
<td></td>
<td>Red.</td>
<td>Replaced by nun from Nov. 15 to May 1.</td>
</tr>
<tr>
<td>25525</td>
<td>Buoy 3</td>
<td>40°59'59.021N, 073°38'20.726W</td>
<td>Green can.</td>
<td></td>
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<tr>
<td>25530</td>
<td>Reef Buoy 4</td>
<td>41°00'03.531N, 073°38'17.208W</td>
<td>Red nun.</td>
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**LONG ISLAND SOUND (Connecticut) - First District**

**GREENWICH POINT TO NEW ROCHELLE (Chart 12367)**

**Captain Harbor**

**Byram Harbor**

<table>
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<th>No.</th>
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<th>Height</th>
<th>Range</th>
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<th>Remarks</th>
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<tr>
<td>25540</td>
<td>Manursing Island Reef Buoy 3</td>
<td>40°58'59.402N, 073°39'17.989W</td>
<td>Fl R 4s</td>
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**Port Chester Harbor**

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<tbody>
<tr>
<td>25535</td>
<td>Great Captain Rocks Lighted Buoy 2</td>
<td>40°58'56.872N, 073°39'04.378W</td>
<td>Fl R 4s</td>
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<td>Red.</td>
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**Tide Mill Yacht Basin**

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<tbody>
<tr>
<td>25556.1</td>
<td>Channel Buoy 1</td>
<td>40°59'06.060N, 073°39'33.780W</td>
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<td>25556.2</td>
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<td>25556.3</td>
<td>Channel Buoy 4</td>
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<td>25556.4</td>
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<td>25556.5</td>
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<td>40°58'56.100N, 073°39'47.040W</td>
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<td>25556.6</td>
<td>Channel Buoy 8</td>
<td>40°58'57.060N, 073°39'48.420W</td>
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<td>25556.7</td>
<td>Channel Buoy 9</td>
<td>40°58'49.740N, 073°39'47.160W</td>
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<td>25556.8</td>
<td>Channel Buoy 10</td>
<td>40°58'52.020N, 073°39'48.180W</td>
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<td>25557</td>
<td>Channel Buoy 12</td>
<td>40°58'47.940N, 073°39'47.880W</td>
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<td>25558</td>
<td>Channel Buoy 13</td>
<td>40°58'45.300N, 073°39'49.260W</td>
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<tr>
<td>25559</td>
<td>Channel Buoy 14</td>
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**Rye Beach**

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<tr>
<td>25560</td>
<td>Forbes Rocks Outer Buoy 1</td>
<td>40°57'12.764N, 073°40'08.142W</td>
<td>Green can.</td>
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**Oakland Beach**

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|Mamaroneck Harbor|

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<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>25585</td>
<td>Entrance Buoy 3</td>
<td>40-55-34.438N 073-43-07.739W</td>
<td>Fl G 4s</td>
<td>Green can.</td>
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<td>25595</td>
<td>Lighted Buoy MM</td>
<td>40-55-52.400N 073-42-32.100W</td>
<td>Fl (2+1)R 6s</td>
<td>4</td>
<td>Red and green bands; can.</td>
<td>Replaced by nun when endangered by ice.</td>
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<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
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<td>25660</td>
<td>West Rock Obstruction Buoy</td>
<td>40-55-55.464N 073-42-08.440W</td>
<td>White can with orange bands and diamond worded ROCK.</td>
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<td>25685</td>
<td>Buoy 9</td>
<td>40-57-02.425N 073-41-45.920W</td>
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<td>25690</td>
<td>Buoy 10</td>
<td>40-57-02.696N 073-41-44.760W</td>
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<td>25695</td>
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<td>40-57-13.600N 073-41-44.046W</td>
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<td>25705</td>
<td>Buoy 13</td>
<td>40-57-25.628N 073-41-32.268W</td>
<td>Green can.</td>
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<tr>
<td>25735</td>
<td>Hicks Ledge Junction Buoy HL</td>
<td>40-54-10.358N 073-45-07.974W</td>
<td>Green and red bands; can.</td>
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<tr>
<td>25740</td>
<td>Table Rock Buoy 3</td>
<td>40-54-29.758N 073-45-01.874W</td>
<td>Green can.</td>
<td></td>
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<td>On southeast side of shoals.</td>
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<tr>
<td>25765</td>
<td>North Ledge South Daybeacon</td>
<td>40-55-20.980N 073-44-32.860W</td>
<td>NW on spindle worded ROCKS.</td>
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<td>NW on spindle worded ROCKS.</td>
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<td>25770</td>
<td>North Ledge North Daybeacon</td>
<td>40-55-23.620N 073-44-33.570W</td>
<td>NW on spindle worded ROCKS.</td>
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<td>Private aid.</td>
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<td>25775</td>
<td>Middle Ground Buoy 1M</td>
<td>40-53.56.138N</td>
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<td>Green can.</td>
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<tr>
<td>25780</td>
<td>Bailey Rock Lighted Buoy 3BR</td>
<td>40-54.13.538N</td>
<td>Fl G 4s</td>
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<td>4</td>
<td>Green can.</td>
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<td>25785</td>
<td>Premium Point Buoy 4</td>
<td>40-54.21.638N</td>
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<td>Red nun.</td>
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<tr>
<td>25790</td>
<td>Channel Buoy 5</td>
<td>40-54.24.658N</td>
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<td>Green can.</td>
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<td>25795</td>
<td>Channel Buoy 6</td>
<td>40-54.25.238N</td>
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<td>Red nun.</td>
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<td>25800</td>
<td>Channel Buoy 8</td>
<td>40-54.31.478N</td>
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<td>25805</td>
<td>Channel Buoy 10</td>
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**HEMPSTEAD HARBOR TO TALLMAN ISLAND (Chart 12366)**

**New Rochelle Harbor (North Approach)**

<table>
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<th>No.</th>
<th>Name and Location</th>
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<th>Remarks</th>
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<tr>
<td>25810</td>
<td>Emerald Rock Buoy</td>
<td>40-53.43.269N</td>
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<td>Green and red bands; can.</td>
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<td>25820</td>
<td>Old Tom Head Rocks Buoy 4</td>
<td>40-53.29.979N</td>
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<td>Green can.</td>
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<tr>
<td>25825</td>
<td>Davids Island North Lighted Buoy 5</td>
<td>40-53.25.189N</td>
<td>Fl G 4s</td>
<td></td>
<td>4</td>
<td>Green.</td>
<td>Replaced by can when endangered by ice.</td>
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<tr>
<td>25830</td>
<td>Davids Island North Buoy 7</td>
<td>40-53.24.129N</td>
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<td>25840</td>
<td>Spindle Rock Buoy 9</td>
<td>40-53.22.259N</td>
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**New Rochelle Harbor (Southeast Approach)**

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<td>25845</td>
<td>Pea Island Buoy 1</td>
<td>40-52.32.300N</td>
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**New Rochelle Harbor (South Approach)**

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<th>Remarks</th>
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<tr>
<td>25850</td>
<td>Hart Island East Side Gong Buoy 1</td>
<td>40-51.25.061N</td>
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<td>Green.</td>
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<tr>
<td>25855</td>
<td>Hart Island North Buoy 3</td>
<td>40-51.42.161N</td>
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<td>Green can.</td>
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<tr>
<td>25860</td>
<td>South Nonations Reef Lighted Bell Buoy 4</td>
<td>40-51.52.311N</td>
<td>Fl R 4s</td>
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<td>4</td>
<td>Red.</td>
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**New Rochelle Harbor (Southwest Approach)**

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<th>Characteristic</th>
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<th>Structure</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>25865</td>
<td>City Island Ferry Sound Signal</td>
<td>40-50.54.000N</td>
<td></td>
<td></td>
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<td>Wharf end dolphin. HORN: 1 blast ev 15s (5s bl). Private aid.</td>
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<tr>
<td>25870</td>
<td>Chimney Sweeps Lighted Buoy 1</td>
<td>40-51.45.181N</td>
<td>Fl G 4s</td>
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<td>4</td>
<td>Green.</td>
<td>Replaced by can when endangered by ice.</td>
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<td>25875</td>
<td>Orchard Beach Buoy 2</td>
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<td>Red nun.</td>
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<td>25880</td>
<td>Orchard Beach Channel Buoy 2A</td>
<td>40-51.49.360N</td>
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<td>25885</td>
<td>Orchard Beach Buoy 1</td>
<td>40-51.50.410N</td>
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**Davids Island Channel**

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<tbody>
<tr>
<td>25890</td>
<td>Machaux Rock Lighted Bell Buoy 6</td>
<td>40-52.24.340N</td>
<td>Fl R 4s</td>
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<td>4</td>
<td>Red.</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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<tr>
<td>25920</td>
<td>Buoy 1</td>
<td>40-52-50.958N 073-47-02.122W</td>
<td>Green can.</td>
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<tr>
<td>25970</td>
<td>Big Tom Rock Buoy BT</td>
<td>40-50-08.026N 073-47-16.259W</td>
<td>White with orange bands; can.</td>
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<tr>
<td>25995</td>
<td>Buoy 8</td>
<td>40-51-05.861N 073-47-44.480W</td>
<td>Red nun.</td>
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<tr>
<td>26000</td>
<td>Cuban Ledge Junction Lighted Buoy CL</td>
<td>40-50-05.000N 073-47-57.500W</td>
<td>Fl (2+1)R 6s 3 Red and green bands.</td>
<td>26005</td>
<td>Cuban Ledge Daybeacon</td>
<td>40-50-30.175N 073-48-13.794W</td>
<td>NW on spindle worded DANGER ROCK.</td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
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<tr>
<td>26020</td>
<td>- Channel Buoy 6</td>
<td>40-51-17.361N</td>
<td>Fi R 4s</td>
<td>20</td>
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<td>Red nun.</td>
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<td>- Channel Lighted Buoy 7</td>
<td>40-51-33.341N</td>
<td>Fi G 4s</td>
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<td>- Channel Buoy 9</td>
<td>40-51-35.741N</td>
<td>Fi R 4s</td>
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<td>- Channel Buoy 11</td>
<td>40-51-40.200N</td>
<td>Fi R 4s</td>
<td>20</td>
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<td>Removed when endangered by ice.</td>
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**Port Jefferson Harbor**

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**LONG ISLAND SOUND (Western Part) (Chart 12363)**

**Smithtown Bay**

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**Porpoise Channel**

Aids maintained from May 1 to Nov. 1.

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**Nissequogue River**

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### Oyster and Huntington Bays (Chart 12365)

#### Northport

- **Platform East Light**
  - 40-57-16.000N 073-29-28.000W
  - Q W 26 On pile platform.
  - Private aid.

- **Platform West Light**
  - 40-57-17.000N 073-30-31.500W
  - Q W 26 On pile platform.
  - HORN: 1 blast ev 20s (2s bl).
  - Private aid.

#### Llico Basin

- **Buoy 2**
  - 40-55-37.000N 073-29-45.000W
  - Red nun.
  - Private aid.

- **Buoy 3**
  - 40-55-28.000N 073-30-42.000W
  - Green can.
  - Private aid.

- **Buoy 4**
  - 40-55-30.000N 073-20-45.000W
  - Red nun.
  - Private aid.

- **Buoy 5**
  - 40-55-28.000N 073-20-41.000W
  - Green can.
  - Private aid.

- **Buoy 6**
  - 40-55-25.000N 073-20-43.000W
  - Red nun.
  - Private aid.

### Huntington Bay

#### Eatons Neck

- **Lighted Buoy 1**
  - 40-56-49.945N 073-24-16.965W
  - Fl G 2.5s 3 Green.
  - Replaced by can when endangered by ice.

- **Buoy 2**
  - Marks shoal.
  - 40-56-49.928N 073-24-09.007W
  - Red nun.
  - Position frequently changed due to shoaling. Replaced by nun when endangered by ice.

- **Lighted Buoy 2A**
  - Marks shoal.
  - 40-56-50.472N 073-24-06.527W
  - Q R 3 Red.
  - Position frequently changed due to shoaling. Replaced by nun when endangered by ice.

- **Basin Buoy 4**
  - 40-56-53.681N 073-24-04.422W
  - Red nun.

- **Basin Buoy 5**
  - 40-56-56.105N 073-24-05.032W
  - Green can.

- **Basin Buoy 6**
  - 40-57-03.107N 073-24-02.401W
  - Red nun.

- **Basin Buoy 7**
  - 40-57-03.321N 073-24-03.636W
  - Green can.

- **Basin Buoy 8**
  - 40-57-11.013N 073-24-00.090W
  - Red nun.

- **Basin Buoy 9**
  - 40-57-11.260N 073-24-01.131W
  - Green can.
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<th>(3) Position</th>
<th>(4) Characteristic</th>
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<th>(8) Remarks</th>
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</thead>
<tbody>
<tr>
<td>26461</td>
<td>Basin Coast Guard Mooring Buoy</td>
<td>40-57-12.688N 073-24-00.637W</td>
<td>White nun with blue stripe.</td>
<td>Marked CG.</td>
<td></td>
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<tr>
<td>26470</td>
<td>Morris Rock Warning Buoy</td>
<td>40-56-53.352N 073-28-33.434W</td>
<td>White can with orange bands worded DANGER.</td>
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<tr>
<td>26495</td>
<td>Lighted Buoy 2</td>
<td>40-55-38.100N 073-23-54.000W Q R</td>
<td>Red.</td>
<td>Private aid.</td>
<td></td>
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<tr>
<td>26500</td>
<td>Buoy 3</td>
<td>40-55-40.000N 073-23-57.800W</td>
<td>Green can.</td>
<td>Private aid.</td>
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<tr>
<td>26510</td>
<td>Buoy 5</td>
<td>40-55-41.100N 073-24-01.000W</td>
<td>Green can.</td>
<td>Private aid.</td>
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</tr>
<tr>
<td>26530</td>
<td>LIGHT</td>
<td>40-54-38.700N 073-25-52.000W ISO W 6s 42</td>
<td>Square concrete tower attached to dwelling on rectangular pier.</td>
<td>HORN: 1 bl ev 15s (2s bl). MRASS-Fog signal is radio activated, during times of reduced visibility, turn marine VHF-FM radio to channel 83A/157.175Mhz. Key microphone 5 times consecutively, to activate fog signal for 60 minutes.</td>
<td></td>
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<tr>
<td>26532.1</td>
<td>Huntington Inlet Lighted No Wake Buoy B</td>
<td>40-54-38.220N 073-25-44.640W FL W 4s</td>
<td>White with orange bands.</td>
<td>Maintained Apr. 15 to Nov. 15. Private aid.</td>
<td></td>
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<tr>
<td>26535</td>
<td>Entrance Lighted Buoy 1</td>
<td>40-54-37.343N 073-25-46.141W FL G 4s 3</td>
<td>Green.</td>
<td>Replaced by can from Nov. 15 to May 1.</td>
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<tr>
<td>26540</td>
<td>Entrance Buoy 2</td>
<td>40-54-34.613N 073-29-52.382W</td>
<td>Red nun.</td>
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<tr>
<td>26545</td>
<td>Channel Buoy 3</td>
<td>40-54-31.103N 073-29-51.532W</td>
<td>Green can.</td>
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<tr>
<td>26550</td>
<td>Channel Lighted Buoy 4</td>
<td>40-54-29.573N 073-25-56.069W FL R 4s 3</td>
<td>Red.</td>
<td>Replaced by nun from Nov. 15 to May 1.</td>
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<tr>
<td>26555</td>
<td>LIGHT 6</td>
<td>40-54-19.653N 073-26-06.332W FL R 4s 5 4</td>
<td>TR on red cylindrical structure on pile.</td>
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<td>26560</td>
<td>Lighted Buoy 7</td>
<td>40-54-06.013N 073-26-04.697W FL G 4s 3</td>
<td>Green.</td>
<td>Replaced by can from Nov. 15 to May 1.</td>
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<td>No.</td>
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<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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<tr>
<td>26565</td>
<td>Channel Buoy 9</td>
<td>40-53-56.000N 073-25-55.600W</td>
<td>Green can.</td>
<td>Private aid.</td>
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<tr>
<td>26590</td>
<td>Channel Junction Lighted Buoy</td>
<td>40-53-29.000N 073-25-01.000W</td>
<td>Fl R 2s</td>
<td>Red and green bands.</td>
<td>Private aid.</td>
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**Huntington Harbor**

**Lloyd Harbor**

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<tr>
<td>26660</td>
<td>Buoy 3</td>
<td>40-54-43.983N 073-26-03.961W</td>
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<td>26665</td>
<td>Buoy 4</td>
<td>40-54-47.753N 073-26-08.032W</td>
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<tr>
<td>26670</td>
<td>West End Buoy 5</td>
<td>40-54-48.000N 073-26-58.000W</td>
<td>Green can.</td>
<td>Maintained from May 1 to Nov. 1. Private aid.</td>
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<tr>
<td>26675</td>
<td>West End Buoy 6</td>
<td>40-54-51.000N 073-26-58.000W</td>
<td>Red nun.</td>
<td>Maintained from May 1 to Nov. 1. Private aid.</td>
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**Northport Bay**

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<td>Buoy 3</td>
<td>40-54-52.183N 073-24-01.788W</td>
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<td>26695</td>
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<td>40-54-47.913N 073-23-52.688W</td>
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<td>26700</td>
<td>Lighted Buoy 6</td>
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<td>Fl R 4s</td>
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<tr>
<td></td>
<td></td>
<td>073-23-34.167W</td>
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<tr>
<td>26705</td>
<td>Lighted Buoy 8</td>
<td>40-55-00.153N</td>
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<td>073-22-32.025W</td>
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<td>073-21-14.400W</td>
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<td>073-21-11.600W</td>
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<td>073-21-11.600W</td>
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<td>26729</td>
<td>Lighted No Wake Buoy A</td>
<td>40-54-43.800N</td>
<td>Fl W 4s</td>
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<td>Maintained from Apr. 15 to Nov. 15.</td>
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<tr>
<td>26730</td>
<td>Channel Lighted Buoy 1</td>
<td>40-54-45.300N</td>
<td>Fl G 3s</td>
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<td>Private aid.</td>
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<td>073-21-52.500W</td>
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<td>Private aid.</td>
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<tr>
<td>26735</td>
<td>Channel Lighted Buoy 2</td>
<td>40-54-43.300N</td>
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<td>Private aid.</td>
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<tr>
<td>26740</td>
<td>Channel Buoy 3</td>
<td>40-54-35.200N</td>
<td>Fl R 2s</td>
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<td>073-21-42.900W</td>
<td>Green can.</td>
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<td>Private aid.</td>
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<tr>
<td>26745</td>
<td>Channel Buoy 4</td>
<td>40-54-32.700N</td>
<td>Fl R 2s</td>
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<tr>
<td>26750</td>
<td>Channel Buoy 5</td>
<td>40-54-25.000N</td>
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<td>26755</td>
<td>Channel Lighted Buoy 6</td>
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<tr>
<td>26760</td>
<td>Channel Buoy 7</td>
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<td>073-21-22.600W</td>
<td>Green can.</td>
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<tr>
<td>26765</td>
<td>Channel Buoy 8</td>
<td>40-54-12.500N</td>
<td>Fl R 2s</td>
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<tr>
<td>26770</td>
<td>Channel Lighted Buoy 10</td>
<td>40-54-06.700N</td>
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<td>26775</td>
<td>Channel Lighted Buoy 12</td>
<td>40-53-57.800N</td>
<td>Fl R 2s</td>
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<td>26780</td>
<td>Channel Buoy 13</td>
<td>40-53-53.000N</td>
<td>Fl R 2s</td>
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<td>Private aid.</td>
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<td>073-21-19.600W</td>
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<td>26781</td>
<td>Channel Buoy 14</td>
<td>40-53-54.700N</td>
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<td>Private aid.</td>
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<td>26786</td>
<td>Lighted Buoy 16</td>
<td>40-53-51.700N</td>
<td>Fl R 4s</td>
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<td>Private aid.</td>
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<tr>
<td>26788</td>
<td>Lighted Buoy 18</td>
<td>40-53-44.200N</td>
<td>Fl R 4s</td>
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<td>26789</td>
<td>Lighted Buoy 19</td>
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<td>Fl G 4s</td>
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<td>Private aid.</td>
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<tr>
<td>26790</td>
<td>Lighted Buoy 20</td>
<td>40-53-38.200N</td>
<td>Fl R 4s</td>
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<td>Private aid.</td>
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<tr>
<td>No.</td>
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<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
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**Centerport Harbor Approach Channel**

- Aids maintained from Apr. 15 to Nov. 15.

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<tbody>
<tr>
<td>26861</td>
<td>Buoy 7</td>
<td>40-54-00.300N 073-22-45.500W</td>
<td>Green can.</td>
<td>Private aid.</td>
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**Oyster Bay**

- Aids maintained from Apr. 15 to Nov. 1.

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<th>Position</th>
<th>Characteristic</th>
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<th>Structure</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>26865</td>
<td>Gong Buoy 1</td>
<td>40-55-33.393N 073-30-14.640W</td>
<td>Green.</td>
<td>Red from 039° to 125°; covers Plum Point and shoal off Rocky Point.</td>
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<tr>
<td>26870</td>
<td>COLD SPRINGS HARBOR LIGHT</td>
<td>40-54-51.300N 073-29-34.900W</td>
<td>F W</td>
<td>NR on skeleton tower, on caisson.</td>
<td>Red from 039° to 125°; covers Plum Point and shoal off Rocky Point.</td>
<td></td>
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</tr>
<tr>
<td>26875</td>
<td>Buoy 2</td>
<td>40-54-40.743N 073-30-08.420W</td>
<td>Red nun.</td>
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<tr>
<td>26890</td>
<td>Buoy 6</td>
<td>40-53-08.326N 073-31-05.865W</td>
<td>Red nun.</td>
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<td>26905</td>
<td>Harbor Channel Buoy 3</td>
<td>40-53-00.120N 073-31-31.100W</td>
<td>Green can.</td>
<td>Private aid.</td>
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### OYSTER AND HUNTINGTON BAYS (Chart 12365)

**Oyster Bay**  
*Aids maintained from Apr. 15 to Nov. 1.*

<table>
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<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
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<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>26980</td>
<td>Harbor Inner Channel Buoy 1</td>
<td>40-53-02.000N, 073-31-10.300W</td>
<td>Green can.</td>
<td>Private aid.</td>
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<td>26995</td>
<td>Harbor Inner Channel Buoy 5B</td>
<td>40-52-41.400N, 073-31-23.430W</td>
<td>Green can.</td>
<td>Private aid.</td>
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<tr>
<td>27000</td>
<td>Harbor Inner Channel Lighted Buoy 4B</td>
<td>40-52-42.700N, 073-31-25.000W</td>
<td>Fl R 4s</td>
<td>Private aid.</td>
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### HEMPSTEAD HARBOR TO TALLMAN ISLAND (Chart 12366)

**Hempstead Harbor**

<table>
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<th>Name and Location</th>
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<td>27047</td>
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<td>40-52-44.043N, 073-39-30.010W</td>
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<tr>
<td>27050</td>
<td>Buoy 2</td>
<td>40-52-29.000N, 073-42-44.000W</td>
<td>Red nun.</td>
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## LONG ISLAND SOUND (New York) - First District

### HEMPSTEAD HARBOR TO TALLMAN ISLAND (Chart 12366)

#### Manhasset Bay

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<th>Height</th>
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<tbody>
<tr>
<td>27115</td>
<td>Plum Point Lighted Buoy 1 Southwest side of shoals.</td>
<td>40-49-56.182N 073-43-43.222W</td>
<td>Fl G 4s</td>
<td>4</td>
<td>Green.</td>
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<td>Replaced by can when endangered by ice.</td>
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#### Little Neck Bay Approach

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<td>27155</td>
<td>Elm Point Buoy 2 Marks south end of Stepping Stones Shoal.</td>
<td>40-49-06.084N 073-45-51.587W</td>
<td>Red nun.</td>
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<td>27160</td>
<td>Elm Point Buoy 4 Marks south end of Stepping Stones Shoal.</td>
<td>40-49-00.604N 073-46-03.257W</td>
<td>Red nun.</td>
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<tr>
<td>27165</td>
<td>KINGS POINT LIGHT</td>
<td>40-48-42.000N 073-45-48.000W</td>
<td>Iso W 2s</td>
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<td>White cylindrical structure.</td>
<td>Private aid.</td>
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#### Little Bay

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<tbody>
<tr>
<td>27205</td>
<td>Lighted Buoy 3</td>
<td>40-47-42.735N 073-47-04.059W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td>Green.</td>
<td></td>
<td>Replaced by can when endangered by ice.</td>
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### NEW YORK - First District

#### HEMPSTEAD HARBOR TO TALLMAN ISLAND (Chart 12366)

## East River Main Channel

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
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<td>27215</td>
<td>WHITESTONE POINT LIGHT 1</td>
<td>40-48-06.364N 073-49-10.482W</td>
<td>Q G</td>
<td>56</td>
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### TALLMAN ISLAND TO QUEENSBORO BRIDGE (Chart 12339)

## East River Main Channel

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<td>COLLEGE POINT REEF LIGHT CP</td>
<td>40-47-51.494N 073-51-03.325W</td>
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<td>29</td>
<td>7</td>
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<td>40-47-54.514N 073-51-05.036W</td>
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<td>33</td>
<td>4</td>
<td>SG on tower.</td>
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<td>No.</td>
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<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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<td>2750 - Buoy 6</td>
<td>40-48.00.334N 073-54.44.000W</td>
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<td>2760 - Buoy 8</td>
<td>40-47-55.480N 073-53-33.84W</td>
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<td>27265 SOUTHWEST BROTHER ISLAND LIGHT SB</td>
<td>40-47-50.800N 073-53-10.00W</td>
<td>Fl W 2.5s</td>
<td>20 5</td>
<td>NG on skeleton tower.</td>
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<tr>
<td>27290 HELL GATE LIGHT 15</td>
<td>40-46-40.736N 073-56-05.345W</td>
<td>Fl G 2.5s</td>
<td>33 4</td>
<td>SG on single pile.</td>
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<tr>
<td>27295 MILL ROCK NORTH LIGHT 1</td>
<td>40-46-51.313N 073-56-17.611W</td>
<td>Fl G 4s</td>
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<td>SG on skeleton tower on white base.</td>
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<tr>
<td>27300 MILL ROCK SOUTH LIGHT 16</td>
<td>40-46-46.454N 073-56-22.305W</td>
<td>Fl R 4s</td>
<td>37 4</td>
<td>TR on skeleton tower on white base.</td>
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<tr>
<td>27315 ROOSEVELT ISLAND REEF LIGHT 17</td>
<td>40-44-47.450N 073-57-51.980W</td>
<td>Fl G 4s</td>
<td>57</td>
<td>SG on skeleton tower on white base. Higher intensity beam up and down stream.</td>
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<tr>
<td>27335 POORHOUSE FLATS RANGE REAR LIGHT</td>
<td>40-43-23.750N 073-57-44.368W</td>
<td>Iso G 6s</td>
<td>48</td>
<td>KGR on skeleton tower. Lighted throughout 24 hours.</td>
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<tr>
<td>27335 - Lighted Buoy 18</td>
<td>Marks southern end of Poorhouse Flats.</td>
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<tr>
<td>27340 Deep Water Channel Lighted Buoy 3</td>
<td>40-41-57.124N 074-00-30.450W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>Green.</td>
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<td>27345 Deep Water Channel Lighted Buoy 2</td>
<td>40-41-46.730N 074-00-44.807W</td>
<td>Q R</td>
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<td>Red.</td>
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<tr>
<td>27350 Deep Water Channel Lighted Buoy 1</td>
<td>40-41-52.279N 074-01-16.130W</td>
<td>Q G</td>
<td>3</td>
<td>Green.</td>
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<tr>
<td>27351 BROOKLYN PIER 5 MARINA LIGHT 1</td>
<td>40-41-52.370N 074-00-03.720W</td>
<td>Fl G 4s</td>
<td>Green</td>
<td>On floating dock. Private aid.</td>
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<tr>
<td>27352 BROOKLYN PIER 5 MARINA LIGHT 2</td>
<td>40-41-51.290N 074-00-04.400W</td>
<td>Fl R 4s</td>
<td>Red</td>
<td>On floating dock. Private aid.</td>
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<tr>
<td>27353 BROOKLYN PIER 5 MARINA LIGHT</td>
<td>40-41-44.870N 074-00-08.430W</td>
<td>Fl W 4s</td>
<td>White</td>
<td>On pier corner. Private aid.</td>
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</table>

**NEW YORK - First District**

**TALLMAN ISLAND TO QUEENSBORO BRIDGE (Chart 12339)**

**East River Main Channel**

- **Buoy 6** 40-48-00.334N 073-54-44.000W
- **Buoy 8** 40-47-55.480N 073-53-33.84W
- **SOUTH BROTHER ISLAND LIGHT SB** 40-47-50.800N 073-53-10.00W
- **Buoy 9** 40-47-51.164N 073-53-58.791W

**Brother Island Channel**

- **Buoy 6** 40-48-00.334N 073-54-44.000W
- **Buoy 8** 40-47-55.480N 073-53-33.84W
- **SOUTH BROTHER ISLAND LIGHT SB** 40-47-50.800N 073-53-10.00W
- **Buoy 9** 40-47-51.164N 073-53-58.791W

**East River Main Channel**

- **Buoy ER** 40-47-39.504N 073-54-22.502W
- **Lighted Buoy 13** On edge of flats. 40-47-30.514N 073-54-38.442W
- **HELL GATE LIGHT 15** On south end of ledge. 40-46-51.313N 073-56-17.611W
- **MILL ROCK NORTH LIGHT 1** On ledge. 40-46-46.454N 073-56-22.305W
- **MILL ROCK SOUTH LIGHT 16** On ledge. 40-46-46.454N 073-56-22.305W

**HUDSON AND EAST RIVERS (Chart 12335)**

**East River Main Channel**

- **Roosevelt Island Reef Lighted Buoy 8** Marks 29-foot shoal. 40-44-31.637N 073-58-03.999W
- **ROOSEVELT ISLAND REEF LIGHT 17** 40-44-47.450N 073-57-51.980W
- **POORHOUSE FLATS RANGE FRONT LIGHT** 40-43-28.028N 073-57-46.370W
- **POORHOUSE FLATS RANGE REAR LIGHT** 153 yards, 160° from front light. 40-43-23.750N 073-57-44.368W
- **Lighted Buoy 18** Marks southern end of Poorhouse Flats. 40-43-22.868N 073-58-04.999W

**HEMPSTEAD HARBOR TO TALLMAN ISLAND (Chart 12366)**

**East River Main Channel**

- **Deep Water Channel Lighted Buoy 3** 40-41-57.124N 074-00-30.450W
- **Deep Water Channel Lighted Buoy 2** 40-41-46.730N 074-00-44.807W
- **Deep Water Channel Lighted Buoy 1** 40-41-52.279N 074-01-16.130W
- **BROOKLYN PIER 5 MARINA LIGHT 1** 40-41-52.370N 074-00-03.720W
- **BROOKLYN PIER 5 MARINA LIGHT 2** 40-41-51.290N 074-00-04.400W
- **BROOKLYN PIER 5 MARINA LIGHT** 40-41-44.870N 074-00-08.430W

**HUDSON AND EAST RIVERS (Chart 12335)**

**East River Main Channel**

- **EAST FOG LIGHT** 40-42-00.000N 074-00-43.000W

**Whitehall Ferry**

- **EAST FOG LIGHT** 40-42-00.000N 074-00-43.000W

**Remarks**

- Private aid.
- On dolphin.
- Green can.
- TR on skeleton tower on white base.
- On pier corner.
- Green and red bands; can.
- Green and red bands.
- SG on single pile.
- Higher intensity beam up and down stream.
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<td>27360</td>
<td>WEST FOG LIGHT</td>
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**New York - First District**

**Tallman Island to Queensboro Bridge (Chart 12339)**

**Flushing Bay**

- Channel Lighted Buoy 15
- Channel Buoy 17
- Channel Buoy 18
- Flushing Harbor Buoy 1
- Flushing Harbor Buoy 2

**Bronx River**

Channel buoys located 60 feet outside channel limit.

- Channel Buoy 1
- Channel Buoy 2
- Channel Buoy 3

South Brother Island Channel

- Lighted Buoy 1
- Junction Buoy SB
- Lighted Buoy 2
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
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**Research Basin**

Aids are maintained by the U.S. Dept. of Agriculture.

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**Threemile Harbor**

*Aids maintained from May 1 to Nov. 1.*

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<td>Q G 27</td>
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<td>27795</td>
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**SHELTER ISLAND SOUND AND PECONIC BAY**s (Chart 12358)

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<td>58</td>
<td>8</td>
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<td>White tower and dwelling on pilers.</td>
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<td>28050</td>
<td>GREENPORT HARBOR LIGHT 8A</td>
<td>41-06-12.996N 072-20-51.539W</td>
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<td>19</td>
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<td>TR on skeleton tower.</td>
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<td>28052</td>
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**Stirling Basin**

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### NEW YORK - First District

**SHELTER ISLAND SOUND AND PECONIC BAYS (Chart 12358)**

**Shelter Island Sound North Channel**

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**Dering Harbor**

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**SHELTER ISLAND SOUND AND PECONIC BAYS (Chart 12358)**

*Aids maintained from May 1 to Oct. 31.*

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**Shelter Island Sound North Channel**

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**Town Creek**

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<td>28179</td>
<td>REYDON SHORES MARINA LIGHT</td>
<td>41-02-55.700N 072-23-46.970W</td>
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**Shelter Island Sound North Channel**

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## SHELTER ISLAND SOUND AND PECONIC BAYS (Chart 12358)

### Coecles Harbor

*Aids maintained from Apr. 1 to Nov. 30 unless otherwise noted.*

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### Shelter Island Sound South Channel

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### Sag Harbor

*Private aids maintained from May 15 to Nov. 15.*

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<td>Height</td>
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<tr>
<td>28410</td>
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### New York - First District

#### Shelter Island Sound and Peconic Bays (Chart 12358)

**Shelter Island Sound South Channel**

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<th>No.</th>
<th>Name and Location</th>
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<th>Characteristic</th>
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<th>Range</th>
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<th>Remarks</th>
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<tr>
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<td>LIGHT E</td>
<td>072-20-05.750W</td>
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<tr>
<td>28451.1</td>
<td>BENNETT AQUACULTURE</td>
<td>41-01-34.400N</td>
<td>Fl Y 2s</td>
<td>On pile.</td>
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<td></td>
<td>Maintained from 01 Apr to 15 Dec. Private aid.</td>
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<tr>
<td></td>
<td>LIGHT F</td>
<td>072-19-55.700W</td>
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**Mill Creek**

*Fl Y 2s*  
*Fl Y 4s*  
*Fl R 5s*  
*Fl Y 4s*  
*Fl R 5s*  
*Fl Y 2s*  
*Fl Y 2s*  
*Fl Y 2s*  
*Fl R 5s*  
*Fl Y 2s*  
*Fl Y 4s*  
*Fl Y 4s*  
*Fl Y 4s*  
*Fl Y 4s*  
*Fl Y 2s*  
*Fl Y 2s*  
*Fl Y 2s*  
*Fl Y 2s*  

- Private aid.

*No.*  
*Name and Location*  
*Position*  
*Characteristic*  
*Height*  
*Range*  
*Structure*  
*Remarks*
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<td>BATKY FISH TRAP LIGHT A</td>
<td>41-00-51.270N 072-15-29.360W</td>
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<td>28503.6</td>
<td>BATKY FISH TRAP LIGHT B</td>
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<td>28503.7</td>
<td>BATKY FISH TRAP LIGHT C</td>
<td>41-00-58.870N 072-15-45.600W</td>
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<td>28503.8</td>
<td>BATKY FISH TRAP LIGHT D</td>
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<td>28504</td>
<td>CLARK AQUACULTURE POND TRAP LIGHT B</td>
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<td>41-00-41.850N 072-23-53.662W</td>
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<tr>
<td>28535</td>
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<tr>
<td>28550</td>
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### NEW YORK - First District

#### SHELTER ISLAND SOUND AND PECONIC BAYS (Chart 12358)

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**Wooley Pond**

*Aids maintained from Apr. 15 to Nov. 15.*

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<tbody>
<tr>
<td>28590</td>
<td>- Entrance Lighted Buoy 1</td>
<td>40-57-32.600N 072-24-10.000W</td>
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**North Sea Harbor**

*Aids maintained from Apr. 15 to Nov. 15.*

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<tr>
<td>28630</td>
<td>- Buoy 5</td>
<td>40-56-47.280N 072-24-57.300W</td>
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**Wickham Creek**

*Aids maintained from May 1 to Nov. 1.*

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<tbody>
<tr>
<td>28640</td>
<td>- Entrance Buoy 1</td>
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**East Creek**

*Maintained from May 1 to Oct. 31.*

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**Little Peconic Bay**

**New Suffolk Channel**

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<td>MASTAGLIO POUND TRAP LIGHT D</td>
<td>40-55-34.200N</td>
<td>Fi Y 2s</td>
<td>8</td>
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<td>On pole.</td>
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<td></td>
<td>Green.</td>
<td>Maintained from May 1 to Nov 15. Private aid.</td>
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<td>28885</td>
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<tr>
<td>28895</td>
<td>Buoy 3</td>
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<td>Green can.</td>
<td>Private aid.</td>
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Shinnecock Canal Entrance

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<th>No.</th>
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<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
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<th>Remarks</th>
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Shinnecock Canal Entrance

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<tbody>
<tr>
<td>28882</td>
<td>East Creek Lighted Buoy 2</td>
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<td>Fl R 2s</td>
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<td>Red.</td>
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<tr>
<td>28883</td>
<td>East Creek Lighted Buoy 3</td>
<td>40-56-17.940N</td>
<td>Fl G 2s</td>
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<td>LIGHT 1</td>
<td>40-55-00.180N</td>
<td>Fl G 5s</td>
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<td>Fl G 5s</td>
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<td>Green can.</td>
<td>Private aid.</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
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<td>Height</td>
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<td>28905</td>
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<tr>
<td>28910</td>
<td>Lighted Buoy 4</td>
<td>40-55-36.449N 072-34-21.975W</td>
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<td>28915</td>
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<td>Maintained from 1 April to 15 Nov.</td>
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<td>28930</td>
<td>Lighted Buoy 9</td>
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**Meeting House**

*Aids maintained from May 1 to Nov. 15.*

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<td>28955</td>
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<td>40-55-41.400N 072-36-48.000W</td>
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<td>40-55-41.000N 072-36-46.000W</td>
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<td>28970</td>
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<td>Red nun.</td>
<td></td>
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<td>Private aid.</td>
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**Peconic River**

*Aids maintained from May 1 to Nov. 15.*

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<td>28995</td>
<td>Lighted Buoy 10</td>
<td>40-55-06.120N 072-37-53.700W</td>
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<td>29005</td>
<td>Lighted Buoy 13</td>
<td>40-55-03.120N 072-38-33.300W</td>
<td>Fl G 2s</td>
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<td>Green.</td>
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<td>Private aid.</td>
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<td>(1) No.</td>
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<td>(4) Characteristic</td>
<td>(5) Height</td>
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**SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)**

### Shinnecock Inlet

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<th>(3) Position</th>
<th>(4) Characteristic</th>
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<tr>
<td>29035</td>
<td>Approach Lighted Whistle Buoy SH</td>
<td>40-49-00.161N 072-28-34.519W</td>
<td>Mo (A) W</td>
<td>36</td>
<td></td>
<td>Red and white stripes with red spherical topmark.</td>
<td>AIS: MMSI 993672147</td>
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<td>29040</td>
<td>BREAKWATER LIGHT 1</td>
<td>40-50-23.490N 072-28-40.122W</td>
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<td>29042</td>
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<td>40-50-17.952N 072-28-29.010W</td>
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### Shinnecock Bay East Channel

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<th>(3) Position</th>
<th>(4) Characteristic</th>
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<th>(6) Range</th>
<th>(7) Structure</th>
<th>(8) Remarks</th>
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<tr>
<td>29060</td>
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<td>40-50-38.800N 072-28-25.482W</td>
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<td>75</td>
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<td>40-50-43.671N 072-28-19.181W</td>
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<td>40-51-05.747N 072-28-10.468W</td>
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<td>29085</td>
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<td>40-51-29.160N 072-28-09.840W</td>
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<td>36</td>
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<td>Green.</td>
<td>Replaced by can when endangered by ice.</td>
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### Moriches Inlet

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<th>(1) No.</th>
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<th>(3) Position</th>
<th>(4) Characteristic</th>
<th>(5) Height</th>
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<th>(8) Remarks</th>
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<td>40-45-49.692N 072-45-21.719W</td>
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<td>40-45-47.763N 072-45-11.095W</td>
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<td>Height</td>
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<td>Remarks</td>
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<tr>
<td>29109</td>
<td>East Cut Rock Lighted Hazard Buoy</td>
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<td>Private aid.</td>
</tr>
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<td>Position of buoys frequently shifted with changing conditions.</td>
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<td>Fi R 4s</td>
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<td>Red.</td>
<td>Aid does not appear on navigational charts due to frequent shoaling and relocations.</td>
</tr>
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<td>Replaced by nun when endangered by ice.</td>
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<td>Lighted Buoy 4</td>
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<td>Red.</td>
<td>Aid does not appear on navigational charts due to frequent shoaling and relocations.</td>
</tr>
<tr>
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<td>Replaced by nun when endangered by ice.</td>
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## SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)

### Fire Island Inlet

*Positions of buoys frequently shifted with changing conditions.*

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### Great South Bay

**Farm Shoals Channel**

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**Great South Bay**

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### NEW YORK - First District

#### SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)

##### Great South Bay

**North Channel**

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<th>No.</th>
<th>Name and Location</th>
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<th>Characteristic</th>
<th>Height</th>
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**East-West Channel**

**Aids maintained from May 15 to Oct. 15 unless otherwise noted.**

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**Fox Creek**

**Aids maintained from May 15 to Oct. 15 unless otherwise noted.**

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**North Side**

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**Patchogue Bay**

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<th>Height</th>
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**Great South Bay**

Aids maintained from May 1 to Nov. 1.

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**Sailors Haven Channel - Lone Hill Entrance**

Aids maintained from May 1 to Nov. 1.

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**NEW YORK - First District**

**SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)**

**Great South Bay**

**Watch Hill**

*Aids maintained from May 1 to Oct. 15.*


30100 - Channel Buoy 3 40-43-49.260N 072-55-42.300W Green can. Private aid.


30128.5 - Channel Buoy 17 40-43-05.460N 072-55-34.380W Green can. Private aid.


**Bellport Bay**

30130 - Lighted Buoy 1 40-43-57.403N 072-56-38.927W Fl G 2.5s 4 Green. Maintained from 15 Apr. to 1 Nov.


30145 - Lighted Buoy 6 40-44-58.169N 072-54-30.458W Q R 3 Red. Maintained from 15 April to 1 Nov.

30150 - Buoy 7 40-44-48.837N 072-54-06.446W Green can. Maintained from Apr. 15 to Nov. 1.

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**Boat Basin**

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**Forge River Channel**

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**Areskonk Creek Entrance**

*Aids maintained from May 1 to Nov. 1.*

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**Moriches Bay**

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**Tuthill Cove**

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SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)

Moriches Bay
Quantuck Canal

SHINNECOCK BAY

Daves Creek
Aids maintained from Apr. 15 to Nov. 15.

Phillips Creek
Aids maintained from Apr. 15 to Nov. 15.

Shinnecock Bay

NEW YORK - First District
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**Shinnecock Bay**

Aids maintained from May 15 to Nov. 1 unless otherwise noted.

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<td>Red nun.</td>
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**Smith Creek**

Aids maintained from May 15 to Nov. 1 unless otherwise noted.

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### Shinnecock Bay

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### Jones Inlet

**Positions of buoys frequently shifted with changing conditions.**

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**Sloop Channel**

Positions of buoys frequently shifted with changing conditions.

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**State Boat Channel**

Positions of buoys frequently shifted with changing conditions.

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**Zach's Bay**

*Maintained from May 1 to Nov. 1.*

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**State Boat Channel**

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**Sloop Channel**

**Oak Island Channel**

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**East Rockaway Inlet**

*Positions of buoys frequently shifted with changing conditions.*

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<th>Position</th>
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Bannister Creek
Advisories maintained from May 1 to Nov. 1.

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Hempstead Bay

Reynolds Channel
Advisories maintained from May 1 to Nov. 1.

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Woodsburgh Channel
Advisories maintained from May 1 to Nov. 1.

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# SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)

## Hempstead Bay
**Aids maintained from May 1 to Nov. 1.**

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## Broseware Bay - North End
**Aids maintained from May 1 to Nov. 1.**

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## Broad Channel
**Aids maintained from May 1 to Nov. 1.**

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**Hewlett Bay Extension**

Aids maintained from May 1 to Nov. 1.

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### Light List corrected through LNM week: 24/19

#### NEW YORK - First District

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### Hempstead Bay

#### Borrow Pit Channel

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**Hempstead Bay**

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**Crow Island Haunts Creek**  
*Aids maintained from May 1 to Nov. 1.*

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**Fundy Channel**  
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Scow Creek Channel
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**NEW YORK - First District**

**Scow Creek Channel**
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**Freeport Narrows**
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**Neds Creek West Branch**

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**NEW YORK - First District**

**SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)**

**Hempstead Bay**

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**East Bay**

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**Broad Creek Channel**

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**SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)**

**Hempstead Bay**

**Broad Creek Channel**

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<td>Day beacon L6</td>
<td>40-38-09.300N 073-30-41.520W</td>
<td>TR on pile.</td>
<td>Private aid.</td>
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**SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)**

**Hempstead Bay**

**Olivers Channel**

Aids maintained from May 1 to Nov. 1.

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<tr>
<th>No.</th>
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<tr>
<td>33630</td>
<td>Buoy Z1</td>
<td>40-37-36.660N 073-29-47.940W</td>
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<td>Private aid.</td>
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**South Oyster Bay**

**North Channel**

Buoy in channel are maintained from May 1 to Nov. 1 unless otherwise noted.

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<tr>
<td>33730</td>
<td>Junction Buoy S</td>
<td>40-39-00.000N 073-29-07.000W</td>
<td>Green and red bands; can.</td>
<td>Private aid.</td>
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<td>33735</td>
<td>South Oyster Bay North Channel Junction Daybeacon 2S</td>
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<td>33745</td>
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### SHINNECOCK BAY TO EAST ROCKAWAY INLET (Chart 12352)

#### South Oyster Bay

**North Channel**

*Buoy positions are maintained from May 1 to Nov. 1 unless otherwise noted.*

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**Amity Channel**

*Buoy positions are maintained from May 1 to Nov. 1 unless otherwise noted.*

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**Carman Creek**

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**Tobay Boat Basin Entrance**

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**Massapequa Cove**

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<td>073-28-21.720W</td>
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**JAMAICA BAY AND ROCKAWAY INLET (Chart 12350)**

**Rockaway Inlet**

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<td>34210</td>
<td>Lighted Bell Buoy 2</td>
<td>40-31-45.582N</td>
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<td>073-56-35.395W</td>
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<td>34215</td>
<td>Buoy RI</td>
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<td>Red and green bands.</td>
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<td>073-56-48.000W</td>
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<td>34220</td>
<td>Rockaway Point Breakwater Light 4</td>
<td>40-32-25.200N</td>
<td>Fl R 4s</td>
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<td>TR on skeleton tower on piles.</td>
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<td>073-56-26.500W</td>
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<td>34225</td>
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**Rockaway Inlet West Channel**

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**Gerritsen Inlet**

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**Sheepshead Bay**

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<td>Approach Buoy 2</td>
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<td>40-35-15.618N</td>
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<td>34445</td>
<td>Lighted Buoy W</td>
<td>40-36-02.727N</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
<td></td>
<td>Green and red bands.</td>
<td>Replaced by can when endangered by ice.</td>
</tr>
<tr>
<td>34450</td>
<td>Buoy 14</td>
<td>40-36-00.237N</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
<td></td>
<td>Red nun.</td>
<td></td>
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<tr>
<td>34460</td>
<td>Buoy 16</td>
<td>40-36-02.587N</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>34465</td>
<td>Buoy 17</td>
<td>40-36-05.421N</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
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<tr>
<td>34475</td>
<td>Buoy 20</td>
<td>40-36-45.386N</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
<td></td>
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<tr>
<td>34480</td>
<td>Buoy 22</td>
<td>40-36-52.816N</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
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<td>Red nun.</td>
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</tr>
<tr>
<td>34485</td>
<td>Lighted Buoy 23</td>
<td>40-36-54.599N</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
<td></td>
<td>Red and green bands; nun.</td>
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<tr>
<td>34490</td>
<td>Buoy M</td>
<td>40-36-54.599N</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
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<td>Red and green bands; nun.</td>
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<tr>
<td>34500</td>
<td>Buoy 27</td>
<td>40-37-32.555N</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
<td></td>
<td>Red and green bands; nun.</td>
<td></td>
</tr>
</tbody>
</table>

### Grass Hassock Channel

- Buoy 14: 40-36-00.237N, 073-48-13.782W
- Buoy 16: 40-36-02.587N, 073-47-57.221W
- Buoy 17: 40-36-05.421N, 073-48-490W
- Buoy 20: 40-36-45.386N, 073-46-37.429W
- Buoy 22: 40-36-52.816N, 073-46-124W

### Motts Basin

- Buoy 1: 40-36-54.896N, 073-45-56.708W
- Buoy 2: 40-36-52.716N, 073-45-55.408W
- Buoy 3: 40-36-51.086N, 073-45-49.098W

### Head of Bay

- Buoy 29: 40-37-41.845N, 073-45-49.848W
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>34545</td>
<td>Buoy 30</td>
<td>40-37-49.635N 073-45-17.617W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>34550</td>
<td>Buoy NP</td>
<td>40-38-05.491N 073-44-52.002W</td>
<td>Fl G 4s</td>
<td>12</td>
<td>4</td>
<td>SG on pile.</td>
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<tr>
<td>34555</td>
<td>Buoy 1</td>
<td>40-36-19.437N 073-48-21.962W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>34556</td>
<td>Buoy 1</td>
<td>40-36-19.437N 073-48-21.962W</td>
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<td>34560</td>
<td>Lighted Buoy 2</td>
<td>40-36-35.376N 073-48-20.982W</td>
<td>Fl R 2.5s</td>
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<td>Red.</td>
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<td>34580</td>
<td>Lighted Buoy 8</td>
<td>40-37-41.846N 073-48-37.458W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
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<td>34600</td>
<td>Bergen Basin Buoy 3</td>
<td>40-38-44.044N 073-49-17.524W</td>
<td>Q G</td>
<td>3</td>
<td>Green.</td>
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<tr>
<td>34625</td>
<td>Buoy 3R</td>
<td>40-35-28.038N 073-51-52.348W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red and green bands.</td>
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<tr>
<td>34635</td>
<td>Buoy 2</td>
<td>40-35-54.636N 073-50-53.601W</td>
<td>Fl R 2.5s</td>
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<td>Red and green bands.</td>
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<td>34640</td>
<td>Buoy 3</td>
<td>40-36-00.547N 073-50-54.026W</td>
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<td>34645</td>
<td>Buoy 5</td>
<td>40-36-12.677N 073-50-33.486W</td>
<td>Fl R 2.5s</td>
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<td>Red and green bands.</td>
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<td>34650</td>
<td>Buoy 6</td>
<td>40-36-03.977N 073-50-13.985W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red and green bands.</td>
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<tr>
<td>34655</td>
<td>Buoy 7</td>
<td>40-35-58.034N 073-49-47.974W</td>
<td>Fl R 2.5s</td>
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<td>Red and green bands.</td>
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<tr>
<td>34665</td>
<td>LIGHT N</td>
<td>40-36-40.256N 073-52-51.389W</td>
<td>Fl W 4s</td>
<td>20</td>
<td>5</td>
<td>NR on four pile structure with pipe tower.</td>
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<tr>
<td>34670</td>
<td>Buoy 2</td>
<td>40-35-10.058N 073-52-19.739W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red and green bands.</td>
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<td>34675</td>
<td>Buoy 4</td>
<td>40-36-01.985N 073-52-35.905W</td>
<td>Fl R 2.5s</td>
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<td>Red and green bands.</td>
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<td>34680</td>
<td>Lighted Buoy 5</td>
<td>40-36-01.197N 073-52-47.999W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red and green bands.</td>
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</table>

**NEW YORK - First District**

**JAMAICA BAY AND ROCKAWAY INLET**

**Head of Bay**

- Buoy 30
- Buoy NP
- Buoy 1
- Lighted Buoy 2
- LIGHT 3
- Buoy 5
- Buoy 6
- Lighted Buoy 8
- Lighted Buoy 9

**Winhole Channel**

- Buoy 1
- Lighted Buoy 2
- LIGHT 3
- Buoy 5
- Buoy 6
- Lighted Buoy 8
- Lighted Buoy 9

**Grassy Bay**

- Bergen Basin Buoy 2
- Bergen Basin Buoy 3
- KENNEDY AIRPORT DOCK LIGHT F

**Runway Channel**

- Buoy 1R
- East Junction Lighted Buoy R
- Buoy 3R
- Junction Lighted Buoy RC

**The Raunt Channel**

- Buoy 2
- Buoy 3
- Buoy 5
- Buoy 6
- Buoy 7

**North Channel**

- LIGHT N
- Buoy 2
- Buoy 4
- Lighted Buoy 5
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>34685</td>
<td>Lighted Buoy 6</td>
<td>40-36-17.403N 073-52-45.821W</td>
<td>Fi R 6s</td>
<td>3</td>
<td>Red.</td>
<td></td>
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</tr>
<tr>
<td>34700</td>
<td>Mill Basin Channel Buoy M</td>
<td>40-36-32.437N 073-53-10.760W</td>
<td></td>
<td></td>
<td>Green and red bands; can.</td>
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<tr>
<td>34735</td>
<td>Lighted Buoy 20</td>
<td>40-37-43.895N 073-52-42.949W</td>
<td>Fi R 4s</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td>Replaced by nun when endangered by ice.</td>
</tr>
<tr>
<td>34740</td>
<td>Buoy 21</td>
<td>40-38-02.175N 073-52-25.289W</td>
<td></td>
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<td>Green can.</td>
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<tr>
<td>34750</td>
<td>Lighted Buoy 24</td>
<td>40-38-17.122N 073-51-52.868W</td>
<td>Fi R 2.5s</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td>Replaced by nun when endangered by ice.</td>
</tr>
<tr>
<td>34770</td>
<td>Buoy 31</td>
<td>40-38-38.730N 073-50-23.419W</td>
<td></td>
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<td>Green can.</td>
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<tr>
<td>34780</td>
<td>Buoy 33</td>
<td>40-38-37.414N 073-49-44.574W</td>
<td></td>
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<td>Green can.</td>
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<tr>
<td>34781</td>
<td>Howard Beach Entrance Buoy 2</td>
<td>40-38-44.355N 073-50-00.468W</td>
<td></td>
<td></td>
<td>Red nun.</td>
<td>Removed when endangered by ice.</td>
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</tr>
</tbody>
</table>

NEW YORK - First District

JAMAICA BAY AND ROCKAWAY INLET (Chart 12350)

North Channel

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>34890</td>
<td>WEST BANK FRONT RANGE LIGHT</td>
<td>40-32-16.657N 074-02-34.305W</td>
<td>Iso W 6s (R Sector)</td>
<td>69</td>
<td>Brown conical tower on black cylindrical pier.</td>
<td>AIS: MMSI 993672056 (21)</td>
<td></td>
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</tbody>
</table>

NEW YORK HARBOR (Chart 12327)

Ambrose Channel
# Light List corrected through LNM week: 24/19

## NEW YORK HARBOR (Chart 12327)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>34795</td>
<td>STATEN ISLAND REAR RANGE LIGHT</td>
<td>40°34′33.884N 074°08′28.496W</td>
<td>F W</td>
<td>234</td>
<td>Octagonal brick tower, gray limestone base.</td>
<td>Visible on range line only. Lighted throughout 24 hours.</td>
<td></td>
</tr>
</tbody>
</table>

### Ambrose Channel

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>34796</td>
<td>Lighted Buoy 1</td>
<td>40°28′07.492N 073°52′20.004W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td>Green.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34797</td>
<td>Lighted Bell Buoy 2</td>
<td>40°28′22.513N 073°52′03.160W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34798</td>
<td>Lighted Buoy 3</td>
<td>40°29′04.009N 073°54′45.783W</td>
<td>Fl G 4s</td>
<td>4</td>
<td>Green.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34799</td>
<td>Lighted Buoy 4</td>
<td>40°29′08.224N 073°53′59.090W</td>
<td>Fl R 4s</td>
<td>4</td>
<td>Red.</td>
<td>AIS; MMSI 993672057 (21)</td>
<td></td>
</tr>
<tr>
<td>34800</td>
<td>Lighted Buoy 5</td>
<td>40°29′23.743N 073°55′38.063W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td>Green.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34801</td>
<td>Lighted Buoy 6</td>
<td>40°29′41.141N 073°55′25.889W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34802</td>
<td>Alternate Departure Lane Lighted Buoy 1A</td>
<td></td>
<td>Q G</td>
<td>3</td>
<td>Green.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34815</td>
<td>Lighted Buoy 7</td>
<td>40°30′03.549N 073°57′20.727W</td>
<td>Fl G 4s</td>
<td>4</td>
<td>Green.</td>
<td>AIS: MMSI 993672058</td>
<td></td>
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<tr>
<td>34825</td>
<td>Lighted Buoy 8</td>
<td>40°30′21.519N 073°57′09.237W</td>
<td>Fl R 4s</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34830</td>
<td>Lighted Buoy 9</td>
<td>40°30′30.000N 073°58′28.740W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>Green.</td>
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<tr>
<td>34835</td>
<td>Lighted Buoy 10</td>
<td>40°30′47.340N 073°58′17.100W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>34840</td>
<td>Lighted Buoy 11</td>
<td>40°30′56.520N 073°59′36.780W</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Green.</td>
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<tr>
<td>34845</td>
<td>Lighted Buoy 11A</td>
<td>40°31′09.726N 074°00′10.130W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>Green.</td>
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<tr>
<td>34855</td>
<td>Lighted Buoy 12A</td>
<td>40°31′27.360N 073°59′58.920W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>34860</td>
<td>Lighted Gong Buoy 13</td>
<td>40°31′25.928N 074°00′53.022W</td>
<td>Q G</td>
<td>3</td>
<td>Green.</td>
<td>AIS: MMSI 993672059</td>
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<tr>
<td>34865</td>
<td>Lighted Bell Buoy 14</td>
<td>40°31′40.620N 074°00′33.720W</td>
<td>Q R</td>
<td>3</td>
<td>Red.</td>
<td>AIS: MMSI 993672060</td>
<td></td>
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<tr>
<td>34870</td>
<td>Lighted Buoy 15</td>
<td>40°31′49.670N 074°01′13.590W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td>Green.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34875</td>
<td>Lighted Buoy 16</td>
<td>40°32′00.167N 074°00′52.672W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34880</td>
<td>Lighted Gong Buoy 17</td>
<td>40°32′14.058N 074°01′36.498W</td>
<td>Q G</td>
<td>3</td>
<td>Green.</td>
<td>AIS: MMSI 993672061</td>
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<tr>
<td>34885</td>
<td>Lighted Bell Buoy 18</td>
<td>40°32′22.200N 074°01′11.940W</td>
<td>Q R</td>
<td>3</td>
<td>Red.</td>
<td>AIS: MMSI 993672062</td>
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<tr>
<td>34890</td>
<td>Lighted Buoy AC</td>
<td>40°33′07.643N 074°01′51.044W</td>
<td>Fl (2+1) G 6s</td>
<td>3</td>
<td>Green and red bands.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34895</td>
<td>Lighted Buoy 20</td>
<td>40°33′11.655N 074°01′25.847W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>34903</td>
<td>Lighted Gong Buoy 21</td>
<td>40°33′57.300N 074°02′05.340W</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Green.</td>
<td>AIS: MMSI 993672063</td>
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<tr>
<td>34905</td>
<td>Lighted Buoy 22</td>
<td>40°34′01.264N 074°01′39.614W</td>
<td>Fl R 4s</td>
<td>3</td>
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<td>AIS: MMSI 993672064</td>
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### Main Channel

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<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
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<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>34910</td>
<td>Coney Island Light</td>
<td>40°34′35.748N 074°00′42.322W</td>
<td>Fl R 5s</td>
<td>75</td>
<td>White square skeleton tower. 75</td>
<td>Lighted throughout 24 hours.</td>
<td></td>
</tr>
<tr>
<td>34920</td>
<td>Craven Shoal Lighted Buoy 23</td>
<td>40°35′07.778N 074°02′28.805W</td>
<td>Q G</td>
<td>3</td>
<td>Green.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34925</td>
<td>The Verrazano-Narrows Bridge Sound Signal</td>
<td>40°36′31.080N 074°02′18.540W</td>
<td></td>
<td></td>
<td></td>
<td>HORN: 1 blast ev 15s (2s bl). One oriented upstream and one downstream. Private aid.</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
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<td>Remarks</td>
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</tr>
<tr>
<td>34930</td>
<td>COAST GUARD STATION SOUTH ENTRANCE LIGHT</td>
<td>40-36-46.035N</td>
<td>Fl G 4s</td>
<td>20</td>
<td>3</td>
<td>On Pole.</td>
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<tr>
<td>34935</td>
<td>COAST GUARD STATION NORTH ENTRANCE LIGHT</td>
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<td>Fl R 6s</td>
<td>20</td>
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<tr>
<td>34945</td>
<td>Gowanus Flats Lighted Bell Buoy 26</td>
<td>40-38-03.374N</td>
<td>Fl R 2.5s</td>
<td>4</td>
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<tr>
<td>34949</td>
<td>ST. GEORGE FERRY TERMINAL FOG LIGHT</td>
<td>40-38-38.880N</td>
<td>STROBE</td>
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<tr>
<td>34955</td>
<td>St. George Ferry Terminal Slip 4 Sound Signal</td>
<td>40-38-41.000N</td>
<td>Fl G 6s</td>
<td>56</td>
<td>7</td>
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<td>On wharf dolphin.</td>
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<tr>
<td>34961</td>
<td>ST. GEORGE FERRY RACON</td>
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<td>Q R</td>
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<tr>
<td>34975</td>
<td>ROBBINS REEF LIGHT</td>
<td>40-39-26.512N</td>
<td>Fl G 6s</td>
<td>56</td>
<td>7</td>
<td></td>
<td>Conical tower, lower half brown, upper half white, white base.</td>
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<tr>
<td>34980</td>
<td>Gowanus Flats Lighted Bell Buoy 30</td>
<td>40-39-19.672N</td>
<td>Fl R 2.5s</td>
<td>3</td>
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<tr>
<td>34985</td>
<td>Gowanus Flats Lighted Gong Buoy 31</td>
<td>40-39-54.072N</td>
<td>Fl R 2.5s</td>
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<tr>
<td>34990</td>
<td>Gowanus Flats Lighted Buoy 32</td>
<td>40-40-18.971N</td>
<td>Fl R 4s</td>
<td>3</td>
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<tr>
<td>34995</td>
<td>Liberty Island Lighted Gong Buoy 33</td>
<td>40-41-02.070N</td>
<td>Fl G 2.5s</td>
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<tr>
<td>35005</td>
<td>Ellis Island Lighted Gong Buoy 35</td>
<td>40-41-39.570N</td>
<td>Fl G 6s</td>
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<tr>
<td>35006</td>
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<td>40-42-00.570N</td>
<td>White with orange bands.</td>
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<td>Private aid.</td>
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<td>35006.2</td>
<td>Ellis Island Security Zone Buoy ELSZ3</td>
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<td>35006.3</td>
<td>Ellis Island Security Zone Buoy ELSZ4</td>
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<td>35006.4</td>
<td>Ellis Island Security Zone Buoy ELSZ5</td>
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<td>35006.5</td>
<td>Ellis Island Security Zone Buoy ELSZ6</td>
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<td>35006.6</td>
<td>Ellis Island Security Zone Buoy ELSZ7</td>
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<td>35006.7</td>
<td>Ellis Island Security Zone Buoy ELSZ8</td>
<td>40-42-02.590N</td>
<td>White with orange bands.</td>
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<td>35006.8</td>
<td>Ellis Island Security Zone Buoy ELSZ9</td>
<td>40-42-09.290N</td>
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<td>35006.9</td>
<td>Ellis Island Security Zone Buoy ELSZ10</td>
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<tr>
<td>35010</td>
<td>GOVERNORS ISLAND LIGHT</td>
<td>40-41-34.600N</td>
<td>Iso R 6s</td>
<td>75</td>
<td>7</td>
<td></td>
<td>Red skeleton tower, gallery at top.</td>
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</table>

**NEW YORK AND NEW JERSEY - First District**

**APPROACHES TO NEW YORK - FIRE ISLAND LIGHT TO SEA GIRT (Chart 12326)**

**Main Channel South Approach**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>35020</td>
<td>Shrewsbury Rocks Buoy 1SR</td>
<td>40-20-32.296N</td>
<td>Green can.</td>
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<tr>
<td>35025</td>
<td>HIGHLANDS LIGHT</td>
<td>40-23-47.640N</td>
<td>Iso W 10s</td>
<td></td>
<td></td>
<td></td>
<td>Obscured from 334° to 140°. Private aid.</td>
</tr>
</tbody>
</table>

307
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>35035</td>
<td>- RANGE REAR LIGHT 3,825 yards, 305.0° from front light.</td>
<td>40-34-33.810N 074-08-28.357W</td>
<td>F W</td>
<td>225</td>
<td>On same structure as Staten Island Light.</td>
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<tr>
<td>35040</td>
<td>Sandy Hook Light</td>
<td>40-27-42.177N 074-00-07.309W</td>
<td>F W</td>
<td>88</td>
<td>19</td>
<td>88</td>
<td>Lighted throughout 24 hours.</td>
</tr>
<tr>
<td>35055</td>
<td>- Bell Buoy 6S On southwest side of Romer Shoal.</td>
<td>40-30-09.300N 074-00-08.100W</td>
<td>Fi G 4s</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>35060</td>
<td>- Buoy 7S Marks edge of shoal.</td>
<td>40-29-52.875N 074-00-18.861W</td>
<td>Fi R 2.5s</td>
<td>4</td>
<td>Red.</td>
<td></td>
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</tr>
<tr>
<td>35065</td>
<td>- Lighted Bell Buoy 8 Marks southwest edge of shoal.</td>
<td>40-30-36.373N 074-01-01.672W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td>Conical tower, lower part white upper part brown; on black cylindrical pier.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>35070</td>
<td>Romer Shoal Light</td>
<td>40-30-46.823N 074-00-48.672W</td>
<td>Fl (2)W 15s</td>
<td>54</td>
<td>15</td>
<td>Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si) Operates continuously.</td>
<td></td>
</tr>
<tr>
<td>35075</td>
<td>- Buoy 9S</td>
<td>40-30-50.183N 074-01-57.704W</td>
<td>Q W</td>
<td>3</td>
<td>Green.</td>
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</tr>
<tr>
<td>35080</td>
<td>- Buoy 10S</td>
<td>40-31-25.500N 074-02-06.900W</td>
<td>Q G</td>
<td>3</td>
<td>Red nun.</td>
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</tr>
<tr>
<td>35090</td>
<td>- Lighted Gong Buoy 1</td>
<td>40-27-10.528N 073-56-16.892W</td>
<td>Fi G 2.5s</td>
<td>3</td>
<td>Green.</td>
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</tr>
<tr>
<td>35095</td>
<td>- Lighted Buoy 2</td>
<td>40-27-17.733N 073-56-10.905W</td>
<td>Fi R 2.5s</td>
<td>3</td>
<td>Red.</td>
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<tr>
<td>35135</td>
<td>- RANGE FRONT LIGHT</td>
<td>40-29-15.104N 073-59-35.122W</td>
<td>Q W</td>
<td>45</td>
<td>KGB (E section) KRW (Main section) on skeleton tower.</td>
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<tr>
<td>35140</td>
<td>- RANGE REAR LIGHT (EAST SECTION) 1,729 yards, 308.1° from front light.</td>
<td>40-29-46.751N 074-00-27.955W</td>
<td>Iso G 6s</td>
<td>94</td>
<td>KRW on skeleton tower.</td>
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<tr>
<td>35145</td>
<td>- RANGE REAR LIGHT (MAIN SECTION) 315 yards, 067.5° from front light.</td>
<td>40-29-18.416N 073-59-24.297W</td>
<td>Iso R 6s</td>
<td>68</td>
<td>KRW on skeleton tower.</td>
<td></td>
<td></td>
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</tbody>
</table>

NEW YORK AND NEW JERSEY - First District
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>35150</td>
<td>Lighted Buoy 12</td>
<td>40-29-09.372N 074-00-13.338W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td></td>
<td>Red</td>
<td>Replaced by LIB of reduced intensity when endangered by ice.</td>
</tr>
<tr>
<td>35155</td>
<td>Lighted Gong Buoy 11</td>
<td>40-28-59.604N 074-00-14.900W</td>
<td>Fl G 2.5s</td>
<td>3</td>
<td></td>
<td>Green</td>
<td>Replaced by can when endangered by ice.</td>
</tr>
<tr>
<td>35160</td>
<td>Lighted Buoy 14</td>
<td>40-29-02.199N 074-00-44.496W</td>
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<td>3</td>
<td></td>
<td>Red</td>
<td>Replaced by LIB of reduced intensity when endangered by ice.</td>
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<tr>
<td>35165</td>
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<td>40-28-51.988N 074-00-39.701W</td>
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<tr>
<td>35170</td>
<td>Lighted Buoy 16</td>
<td>40-28-46.476N 074-01-22.082W</td>
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<tr>
<td>35175</td>
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<td>40-28-32.086N 074-01-40.603W</td>
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<td>Green</td>
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<td>35180</td>
<td>Lighted Bell Buoy 18</td>
<td>40-28-33.986N 074-02-02.303W</td>
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<td>35185</td>
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<td>40-28-33.586N 074-02-17.904W</td>
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<td>Sandy Hook Point Light</td>
<td>40-28-14.700N 074-01-07.200W</td>
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<td>38</td>
<td>7</td>
<td>NB on skeleton tower. 30</td>
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<td>35195</td>
<td>Southwest Spit Junction Lighted Gong Buoy SP</td>
<td>40-28-45.641N 074-03-17.805W</td>
<td>Fl (2+1)R 6s</td>
<td>3</td>
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<td>Red and green bands.</td>
<td>Replaced by LIB of reduced intensity when endangered by ice.</td>
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<tr>
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<td>Lighted Buoy 3</td>
<td>40-28-55.677N 074-02-57.125W</td>
<td>Fl G 6s</td>
<td>3</td>
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<tr>
<td>35210</td>
<td>Buoy 4</td>
<td>40-29-04.459N 074-02-42.584W</td>
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<td>3</td>
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<tr>
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<td>40-29-40.434N 074-02-50.723W</td>
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<tr>
<td>35220</td>
<td>Buoy 6</td>
<td>40-29-36.765N 074-02-38.154W</td>
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<tr>
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<td>Buoy 7</td>
<td>40-30-11.994N 074-02-46.275W</td>
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<td>35230</td>
<td>Buoy 8</td>
<td>40-30-08.944N 074-02-33.674W</td>
<td>Fl (2+1)R 6s</td>
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<td>35235</td>
<td>Lighted Bell Buoy 10</td>
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<td>40-30-53.583N 074-02-41.205W</td>
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<td>Junction Buoy CH</td>
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<td>40-31-22.082N 074-02-37.005W</td>
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<td>Red</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
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<td>35260</td>
<td>Lighted Buoy 15</td>
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<tr>
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<td>White can with orange bands worded ROCK.</td>
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<td>074-08-08.116W</td>
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**NEW YORK HARBOR (Chart 12327)**

- **Great Kills Harbor**
  - Channel buoys located 50 feet outside channel limit.
- **Sandy Hook Bay**
  - Sandy Hook Point Obstruction Buoy 1
  - On west side of obstruction.
  - Anchorage Buoy E
- **Leonardo Channel**
  - Aids maintained from June 1 to Nov. 15.

### NEW JERSEY - First District

- **Sandy Hook Bay**
  - 35520 Sandy Hook Point Obstruction Buoy 1
  - 35525 Anchorage Buoy E

### Sandy Hook Bay

- 35560 Buoy 1
  - 40-25-42.500N
  - 074-09-24.500W
  - Green can.
  - Private aid.

- 35565 Lighted Buoy 2
  - 40-25-43.200N
  - 074-03-26.100W
  - Fl R 4s
  - Red.
  - Private aid.

- 35570 Buoy 3
  - 40-25-37.400N
  - 074-03-29.100W
  - Green can.
  - Private aid.

- 35575 Buoy 4
  - 40-25-37.800N
  - 074-03-30.300W
  - Red nun.
  - Private aid.

- 35580 Buoy 5
  - 40-25-31.600N
  - 074-03-33.900W
  - Green can.
  - Private aid.

- 35585 Buoy 6
  - 40-25-31.800N
  - 074-03-35.000W
  - Red nun.
  - Private aid.

- 35590 Light 7
  - 40-25-26.900N
  - 074-03-37.000W
  - Fl G 2.5s
  - On pile.
  - Private aid.

### Sandy Hook Bay

- 35595 Atlantic Highlands Breakwater Light
  - 40-25-07.231N
  - 074-01-10.425W
  - Fl W 4s
  - NR on skeleton tower.

- 35596.2 Atlantic Highlands Light 2
  - 40-25-04.300N
  - 074-01-14.400W
  - Fl R 5s
  - On pile.
  - Private aid.

- 35596.3 Atlantic Highlands Light 3
  - 40-25-00.000N
  - 074-01-23.200W
  - Fl G 5s
  - On pile.
  - Private aid.

- 35596.4 Atlantic Highlands Light 4
  - 40-25-02.000N
  - 074-01-23.600W
  - Fl R 5s
  - On pile.
  - Private aid.

- 35596.5 Atlantic Highlands Lighted Buoy 5
  - 40-25-01.900N
  - 074-01-41.300W
  - Fl G 5s
  - Green.
  - Private aid.

- 35596.6 Atlantic Highlands Lighted Buoy 6
  - 40-25-03.000N
  - 074-01-41.300W
  - Fl R 5s
  - Red.
  - Private aid.

- 35596.7 Atlantic Highlands Light 7
  - 40-25-02.000N
  - 074-01-49.000W
  - Fl G 5s
  - On pile.
  - Private aid.

- 35597 Atlantic Highlands West Entrance Lighted Buoy 2
  - 40-25-17.100N
  - 074-01-59.000W
  - Fl R 5s
  - Red.
  - Private aid.
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<th>Characteristic</th>
<th>Height</th>
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<td>KRW on pile.</td>
<td>Lighted throughout 24 hours.</td>
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<td>DOCK RANGE REAR LIGHT 800 yards, 207.5° from front light.</td>
<td>40-26-42.000N 074-03-22.000W</td>
<td>F G</td>
<td>KRW on pile.</td>
<td>Lighted throughout 24 hours.</td>
<td>Private aid.</td>
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### NEW YORK HARBOR (Chart 12327)

#### Terminal Channel

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#### Compton Channel

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### SANDY HOOK TO LITTLE EGG HARBOR (Chart 12324)

#### Shrewsbury River

_Buys in river are maintained from Apr. 15 to Dec. 1 unless otherwise noted._

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<td>Red.</td>
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**Shrewsbury River**

Buoys in river are maintained from Apr. 15 to Dec. 1 unless otherwise noted.

**Navesink River**

Buoys in river are maintained from Apr. 15 to Dec. 1 unless otherwise noted.
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NEW YORK AND NEW JERSEY - First District

NEW YORK HARBOR (Chart 12327)

Raritan Bay

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<th>No.</th>
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<th>Characteristic</th>
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Light List corrected through LNM week: 24/19

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**Raritan River Cutoff Channel**

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**NEW YORK HARBOR (Chart 12327)**

**Arthur Kill**

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<th>Characteristic</th>
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<td>40-33-06.445N</td>
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<td>5</td>
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**Upper Bay**

**Bay Ridge Channel**

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<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
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<td>FRONT RANGE LIGHT</td>
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<td>Range light is only activated when ships are actively docking. Private aid.</td>
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<td>KRW on skeleton tower.</td>
<td>Visible 5.5° each side of range line. Lighted throughout 24 hours.</td>
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<td>Visible 5.5° each side of range line. Lighted throughout 24 hours.</td>
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<td>40°38'39.390N 074°07'32.590W</td>
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<td>Removed when endangered by ice.</td>
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<td>Kill Van Kull Channel East Junction Lighted Buoy E</td>
<td>40°38'31.004N 074°09'15.360W</td>
<td>Fl (2+1)G 6s</td>
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<td>Green with red band.</td>
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<td>40°38'25.059N 074°09'00.136W</td>
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<td>Kill Van Kull Channel Lighted Buoy 18</td>
<td>40°38'49.196N 074°09'20.065W</td>
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<td>Kill Van Kull Channel Lighted Buoy 19</td>
<td>40°38'51.932N 074°09'33.238W</td>
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<td>Kill Van Kull Channel Lighted Buoy A</td>
<td>40°38'44.618N 074°10'06.546W</td>
<td>Fl (2+1)G 6s</td>
<td>3</td>
<td>Green and red bands.</td>
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<td>ELIZABETHPORT DIRECTIONAL LIGHT</td>
<td>40°38'47.281N 074°11'20.089W</td>
<td>F W R G</td>
<td>60</td>
<td>W 13 R 10 G 9</td>
<td>On skeleton tower. Shows red from 267.25° to 268.8°; white from 268.8° to 269.2°; green from 269.2° to 270.75°.</td>
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<td>37360</td>
<td>Kill Van Kull LIGHT 22</td>
<td>40°38'51.360N 074°10'18.216W</td>
<td>Fl R 4s</td>
<td>25</td>
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<td>TR on skeleton tower.</td>
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<td>Kill Van Kull Channel Buoy 21</td>
<td>40°38'44.518N 074°10'17.768W</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Green can.</td>
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<td>Kill Van Kull Channel Buoy 24</td>
<td>40°38'50.229N 074°10'35.036W</td>
<td>Fl G 4s</td>
<td>3</td>
<td>Red nun.</td>
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<td>37371</td>
<td>ELIZABETH MARINA NE LIGHT</td>
<td>40°38'46.400N 074°11'10.300W</td>
<td>Q R</td>
<td></td>
<td></td>
<td>Atop fendering dolphin. Private aid.</td>
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<tr>
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<td>ELIZABETH MARINA SW LIGHT</td>
<td>40°38'46.100N 074°11'10.700W</td>
<td>Q G</td>
<td></td>
<td></td>
<td>Atop fendering dolphin. Private aid.</td>
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<td>37374</td>
<td>Shooters Island Channel Shooters Island South Channel Wreck Lighted Buoy WRT</td>
<td>40°38'27.500N 074°09'38.800W</td>
<td>Q G</td>
<td></td>
<td></td>
<td>Green. Marks wreck in channel. Private aid.</td>
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<td>Shooters Island Channel LIGHT 2</td>
<td>40°38'28.500N 074°09'36.100W</td>
<td>Fl R 4s</td>
<td>19</td>
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<td>TR on spindle.</td>
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<td>Shooters Island Channel Buoy 4</td>
<td>40°38'36.792N 074°09'55.227W</td>
<td>Fl R 4s</td>
<td>3</td>
<td>Red nun.</td>
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<td>37381</td>
<td>Mariners Harbor Yacht Club Daybeacon 1</td>
<td>40°38'39.120N 074°10'12.000W</td>
<td>SG on pile.</td>
<td></td>
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<td>Private aid.</td>
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**NEW YORK HARBOR (Chart 12327)**

- **Newark Bay**
  - Channel Lighted Buoy 2 | 40°38'39.597N 074°08'51.587W | Fl R 2.5s | 3 | Red. |
  - Channel Lighted Buoy 3 | 40°38'57.852N 074°09'10.960W | Fl G 4s | 3 | Green. |
  - Channel Lighted Buoy 4 | 40°38'50.517N 074°08'54.877W | Fl R 4s | 3 | Red. |
  - Channel Lighted Buoy 5 | 40°39'07.624N 074°08'58.597W | Fl G 2.5s | 3 | Green. |
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<th>Remarks</th>
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<td>07°48′51.806W</td>
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<tr>
<td>37410</td>
<td>Channel Lighted Buoy 6</td>
<td>40°39′17.484N</td>
<td>Fl R 2.5s</td>
<td>3</td>
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<tr>
<td></td>
<td></td>
<td>07°48′38.378W</td>
<td></td>
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**Hudson River**

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<td>EXXON MOBIL DOCK LIGHT B</td>
<td>40°59′18.780N</td>
<td>W 4s</td>
<td></td>
<td>On dolphin.</td>
<td>Private aid.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°33′13.990W</td>
<td></td>
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<tr>
<td>37677</td>
<td>EXXON MOBIL DOCK LIGHT A</td>
<td>40°59′15.000N</td>
<td>W 4s</td>
<td></td>
<td>On dolphin.</td>
<td>Private aid.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°33′13.990W</td>
<td></td>
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<td>37690</td>
<td>Lighted Buoy 7</td>
<td>41°02′12.000N</td>
<td>G 2.5s</td>
<td>4</td>
<td>Green.</td>
<td></td>
<td>Replaced by can from Nov. 1 to Apr. 1.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°33′06.000W</td>
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<td></td>
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<td>07°32′51.600W</td>
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<tr>
<td>37715</td>
<td>Buoy 1</td>
<td>41°04′25.548N</td>
<td></td>
<td></td>
<td>Green can.</td>
<td></td>
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<tr>
<td></td>
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<td>07°32′26.287W</td>
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<tr>
<td>37720</td>
<td>Buoy 2</td>
<td>41°04′23.678N</td>
<td></td>
<td></td>
<td>Red nun.</td>
<td></td>
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<tr>
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<td>07°32′24.197W</td>
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<tr>
<td>37725</td>
<td>Buoy 3</td>
<td>41°04′32.898N</td>
<td></td>
<td></td>
<td>Green can.</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>07°32′15.607W</td>
<td></td>
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<tr>
<td>37730</td>
<td>Buoy 4</td>
<td>41°04′29.338N</td>
<td></td>
<td></td>
<td>Red nun.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°32′14.867W</td>
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<tr>
<td>37731</td>
<td>TBC MARINA ENTRANCE LIGHT 1</td>
<td>41°04′31.720N</td>
<td>G 2s</td>
<td>10</td>
<td>On pile.</td>
<td>Private aid.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°32′07.032W</td>
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<tr>
<td>37732</td>
<td>TBC MARINA ENTRANCE LIGHT 2</td>
<td>41°04′29.721N</td>
<td>R 2s</td>
<td>10</td>
<td>On pile.</td>
<td>Private aid.</td>
<td></td>
</tr>
<tr>
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<td></td>
<td>07°32′07.752W</td>
<td></td>
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<tr>
<td>37735</td>
<td>Buoy 3</td>
<td>41°04′58.207N</td>
<td></td>
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<td>Green can.</td>
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<td>07°32′29.388W</td>
<td></td>
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<tr>
<td>37740</td>
<td>Buoy 4</td>
<td>41°04′51.807N</td>
<td></td>
<td></td>
<td>Red nun.</td>
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<td>07°32′19.978W</td>
<td></td>
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<tr>
<td>37745</td>
<td>Lighted Buoy 8</td>
<td>41°05′00.000N</td>
<td>R 4s</td>
<td>3</td>
<td>Red.</td>
<td></td>
<td>Replaced by nun from Nov. 1 to Apr. 1.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°32′48.000W</td>
<td></td>
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<tr>
<td>37746</td>
<td>TARRYTOWN LIGHT</td>
<td>41°05′03.180N</td>
<td>W 6s</td>
<td>54</td>
<td>Tower.</td>
<td>White cast iron and concrete tower. Private aid.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°32′28.380W</td>
<td></td>
<td></td>
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<tr>
<td>37746.5</td>
<td>Nyack Boat Club Mid Channel Buoy A</td>
<td>41°05′31.824N</td>
<td>(A) W</td>
<td></td>
<td>Red and white vertically striped. Flashes Mo (A) every 10 seconds. Seasonal aid, April 15 to 01 Nov.</td>
<td>Private aid.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°34′20.194W</td>
<td></td>
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<tr>
<td>37747</td>
<td>Hook Mountain Yacht Club Lighted Buoy 1</td>
<td>41°05′39.000N</td>
<td>G 3s</td>
<td></td>
<td>Green.</td>
<td>Private aid.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°34′25.000W</td>
<td></td>
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<tr>
<td>37747.1</td>
<td>Hook Mountain Yacht Club Lighted Buoy 2</td>
<td>41°05′42.000N</td>
<td>R 3s</td>
<td></td>
<td>Red.</td>
<td>Private aid.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°34′25.000W</td>
<td></td>
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<td></td>
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<tr>
<td>37747.2</td>
<td>Hook Mountain Yacht Club Lighted Buoy 3</td>
<td>41°05′39.000N</td>
<td>G 3s</td>
<td></td>
<td>Green.</td>
<td>Private aid.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°34′32.000W</td>
<td></td>
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<tr>
<td>37747.3</td>
<td>Hook Mountain Yacht Club Lighted Buoy 4</td>
<td>41°05′42.000N</td>
<td>R 3s</td>
<td></td>
<td>Red.</td>
<td>Private aid.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>07°34′32.000W</td>
<td></td>
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<tr>
<td>37747.4</td>
<td>Hook Mountain Yacht Club Lighted Buoy 5</td>
<td>41°05′39.000N</td>
<td>G 3s</td>
<td></td>
<td>Green.</td>
<td>Private aid.</td>
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<tr>
<td></td>
<td></td>
<td>07°34′37.000W</td>
<td></td>
<td></td>
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<tr>
<td>(1)</td>
<td>(2)</td>
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<td>(4)</td>
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<td>(6)</td>
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<td>(8)</td>
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<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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<tr>
<td>NEW YORK TO WAPPINGER CREEK (Chart 12343)</td>
<td></td>
<td></td>
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<tr>
<td>Hudson River</td>
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<td>37747.5 Hook Mountain Yacht Club</td>
<td>Lighted Buoy 6</td>
<td>41-05-42.000N 073-54-37.000W</td>
<td>Fl R 3s</td>
<td>Red.</td>
<td>Private aid.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>37748 Hook Mountain Yacht Club</td>
<td>Hazard Lighted Buoy A</td>
<td>41-05-47.000N 073-54-30.000W</td>
<td>Fl W 6s</td>
<td>White with orange bands.</td>
<td>Private aid.</td>
<td></td>
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</tr>
<tr>
<td>37749 Hook Mountain Yacht Club</td>
<td>Hazard Lighted Buoy B</td>
<td>41-05-47.000N 073-54-46.000W</td>
<td>Fl W 6s</td>
<td>White with orange bands.</td>
<td>Private aid.</td>
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<tr>
<td>37750</td>
<td>Lighted Buoy 10</td>
<td>41-06-47.028N 073-52-35.529W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red.</td>
<td>Year round radar reflective LIB.</td>
<td></td>
</tr>
<tr>
<td>37751</td>
<td>Lighted Buoy 11</td>
<td>41-07-32.585N 073-52-51.970W</td>
<td>Fl G 4s</td>
<td>4</td>
<td>Green.</td>
<td>Replaced by can from Nov. 1 to Apr. 1. AIS: MMSI 993672032</td>
<td></td>
</tr>
<tr>
<td>37758</td>
<td>Lighted Buoy 13</td>
<td>41-08-15.595N 073-52-56.833W</td>
<td>Q G</td>
<td>3</td>
<td>Green.</td>
<td>Replaced by can from Nov. 1 to Apr. 1.</td>
<td></td>
</tr>
<tr>
<td>37760</td>
<td>LIGHT 14</td>
<td>41-08-17.144N 073-52-44.489W</td>
<td>Q R</td>
<td>38</td>
<td>4</td>
<td>TR on tower, small house at base.</td>
<td></td>
</tr>
<tr>
<td>37765</td>
<td>Lighted Buoy 15</td>
<td>41-08-46.944N 073-53-18.341W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td>Green.</td>
<td>Replaced by can from Nov. 1 to Apr. 1. AIS: MMSI 993672033</td>
<td></td>
</tr>
<tr>
<td>37770</td>
<td>Lighted Buoy 16</td>
<td>41-08-48.434N 073-53-02.911W</td>
<td>Fl R 2.5s</td>
<td>4</td>
<td>Red.</td>
<td>Year round radar reflective LIB.</td>
<td></td>
</tr>
<tr>
<td>37775</td>
<td>ROCKLAND LAKE LIGHT</td>
<td>On shoal.</td>
<td>Fl W 6s</td>
<td>50</td>
<td>4</td>
<td>NG on skeleton tower.</td>
<td></td>
</tr>
<tr>
<td>37780</td>
<td>Lighted Buoy 18</td>
<td>41-09-51.713N 073-54-29.684W</td>
<td>Fl R 4s</td>
<td>3</td>
<td>Red.</td>
<td>Replaced by nun from Nov. 1 to Apr. 1.</td>
<td></td>
</tr>
<tr>
<td>37785</td>
<td>LIGHT 19</td>
<td>41-09-50.100N 073-55-20.300W</td>
<td>Fl G 4s</td>
<td>35</td>
<td>4</td>
<td>SG on same structure as Haverstraw Bay South Reach Range Front Light.</td>
<td></td>
</tr>
<tr>
<td>37790</td>
<td>HAVERSTRAW BAY SOUTH REACH RANGE FRONT LIGHT</td>
<td></td>
<td>Q W</td>
<td>20</td>
<td></td>
<td>Visible 4° each side of rangeline.</td>
<td></td>
</tr>
<tr>
<td>37795</td>
<td>HAVERSTRAW BAY SOUTH REACH RANGE REAR LIGHT</td>
<td>295 yards, 155.5° from front light.</td>
<td>Iso W 6s</td>
<td>47</td>
<td></td>
<td>Visible 4° each side of rangeline.</td>
<td></td>
</tr>
<tr>
<td>37800</td>
<td>LIGHT 21</td>
<td>41-10-34.700N 073-56-08.400W</td>
<td>Fl G 4s</td>
<td>38</td>
<td>4</td>
<td>SG on skeleton tower.</td>
<td></td>
</tr>
<tr>
<td>37805</td>
<td>Lighted Buoy 22</td>
<td>41-11-03.832N 073-55-59.497W</td>
<td>Q R</td>
<td>3</td>
<td>Red.</td>
<td>Replaced by LIB from Nov. 1 to Apr. 1.</td>
<td></td>
</tr>
<tr>
<td>37810</td>
<td>HALF MOON BAY SOUTH BREAKWATER LIGHT</td>
<td></td>
<td>Oc W 4s</td>
<td></td>
<td></td>
<td>On metal pole. Private aid.</td>
<td></td>
</tr>
<tr>
<td>37815</td>
<td>HALF MOON BAY NORTH BREAKWATER LIGHT</td>
<td></td>
<td>Oc Y 4s</td>
<td></td>
<td></td>
<td>On metal pole. Private aid.</td>
<td></td>
</tr>
<tr>
<td>37820</td>
<td>Lighted Buoy 23</td>
<td>41-12-07.411N 073-56-47.139W</td>
<td>Fl G 2.5s</td>
<td>4</td>
<td>Green.</td>
<td>Replaced by can from Nov. 1 to Apr. 1. AIS: MMSI 993672034</td>
<td></td>
</tr>
<tr>
<td>37825</td>
<td>Lighted Buoy 24</td>
<td>41-12-11.871N 073-56-39.139W</td>
<td>Fl R 2.5s</td>
<td>3</td>
<td>Red.</td>
<td>Replaced by LIB from Nov. 1 to Apr. 1.</td>
<td></td>
</tr>
<tr>
<td>Bowline Point</td>
<td></td>
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</tr>
<tr>
<td>37830</td>
<td>MARINE TERMINAL SOUTH DOLPHIN LIGHT</td>
<td></td>
<td>Q W</td>
<td>15</td>
<td></td>
<td>On mooring dolphin. Private aid.</td>
<td></td>
</tr>
<tr>
<td>37835</td>
<td>MARINE TERMINAL NORTH DOLPHIN LIGHT</td>
<td></td>
<td>Q W</td>
<td>15</td>
<td></td>
<td>On mooring dolphin. Private aid.</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Name and Location</td>
<td>Position</td>
<td>Characteristic</td>
<td>Height</td>
<td>Range</td>
<td>Structure</td>
<td>Remarks</td>
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</tr>
<tr>
<td>37840</td>
<td>Outfall Buoy A</td>
<td>41-12-18.000N</td>
<td>White nun with orange bands worded DANGER SUBMERGED OUTFALL.</td>
<td></td>
<td></td>
<td></td>
<td>Maintained from Apr. 1 to Nov. 15. Private aid.</td>
</tr>
<tr>
<td>37845</td>
<td>Outfall Buoy B</td>
<td>41-12-22.000N</td>
<td>White nun with orange bands worded DANGER SUBMERGED OUTFALL.</td>
<td></td>
<td></td>
<td></td>
<td>Maintained from Apr. 15 to Nov. 15. Private aid.</td>
</tr>
<tr>
<td>37850</td>
<td>Lighted Buoy 25</td>
<td>41-13-16.259N</td>
<td>Fl G 4s</td>
<td>4</td>
<td></td>
<td></td>
<td>Replaced by can from Nov. 1 to Apr. 1. AIS: MMSI 993672035</td>
</tr>
<tr>
<td>37860</td>
<td>Lighted Buoy 26</td>
<td>41-13-18.440N</td>
<td>Fl R 4s</td>
<td>3</td>
<td></td>
<td></td>
<td>Replaced by LIB from Nov. 1 to Apr. 1.</td>
</tr>
<tr>
<td>37865</td>
<td>Lighted Buoy 1</td>
<td>41-13-36.000N</td>
<td>Q G</td>
<td></td>
<td></td>
<td></td>
<td>Green. Private aid.</td>
</tr>
<tr>
<td>37870</td>
<td>Lighted Buoy 2</td>
<td>41-13-37.000N</td>
<td>Q R</td>
<td></td>
<td></td>
<td></td>
<td>Red. Private aid.</td>
</tr>
<tr>
<td>37877</td>
<td>Lighted Buoy 4</td>
<td>41-13-38.000N</td>
<td>Q R</td>
<td></td>
<td></td>
<td></td>
<td>Red. Private aid.</td>
</tr>
<tr>
<td>37880</td>
<td>Lighted Buoy 5</td>
<td>41-13-38.000N</td>
<td>Q G</td>
<td></td>
<td></td>
<td></td>
<td>Green. Private aid.</td>
</tr>
<tr>
<td>37885</td>
<td>Lighted Buoy 7</td>
<td>41-13-37.000N</td>
<td>Q G</td>
<td></td>
<td></td>
<td></td>
<td>Green. Private aid.</td>
</tr>
<tr>
<td>37890</td>
<td>Lighted Buoy 8</td>
<td>41-13-40.000N</td>
<td>Q R</td>
<td></td>
<td></td>
<td></td>
<td>Red. Private aid.</td>
</tr>
<tr>
<td>37895</td>
<td>STONY POINT LIGHT SP</td>
<td>41-14-27.578N</td>
<td>Fi W 4s</td>
<td>58</td>
<td>5</td>
<td>NG on skeleton tower, central column, small house, concrete base.</td>
<td></td>
</tr>
<tr>
<td>37900</td>
<td>HAVERSTRAW BAY NORTH REACH RANGE FRONT LIGHT</td>
<td>41-14-46.044N</td>
<td>Q R</td>
<td>25</td>
<td>KRW on skeleton tower.</td>
<td>Visible on range line only.</td>
<td></td>
</tr>
<tr>
<td>37905</td>
<td>HAVERSTRAW BAY NORTH REACH RANGE REAR LIGHT</td>
<td>41-14-57.970N</td>
<td>Iso R 6s</td>
<td>49</td>
<td>KRW on skeleton tower.</td>
<td>Visible on range line only.</td>
<td></td>
</tr>
<tr>
<td>37910</td>
<td>Lighted Buoy 1</td>
<td>41-14-47.400N</td>
<td>Q G</td>
<td></td>
<td></td>
<td></td>
<td>Green. Private aid.</td>
</tr>
<tr>
<td>37915</td>
<td>Lighted Buoy 2</td>
<td>41-14-51.060N</td>
<td>Q R</td>
<td></td>
<td></td>
<td></td>
<td>Red. Private aid.</td>
</tr>
<tr>
<td>37920</td>
<td>LIGHT 3</td>
<td>41-14-53.400N</td>
<td>Fl G 4s</td>
<td></td>
<td></td>
<td></td>
<td>On pile. Private aid.</td>
</tr>
<tr>
<td>37925</td>
<td>LIGHT 4</td>
<td>41-14-51.660N</td>
<td>Fl R 4s</td>
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### Hudson River

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### Wappinger Creek to Hudson River

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**Hudson River (New York) - First District**

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AIS: MMSI 993672042

AIS: MMSI 993672043
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### Light List corrected through LNM week: 24/19

#### HUDSON RIVER (New York) - First District

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### Hudson River

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<td>20</td>
<td>R 2</td>
<td>G 2 W 2</td>
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### Rondout Creek Channel

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<td>Private aid.</td>
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### Hudson River

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COXSACKIE TO TROY (Chart 12348)

Hudson River

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Troy Dam

Buys mark turbulent area below dam. Aids maintained from May 7 to Nov. 15.

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NEW YORK STATE BARGE CANAL SYSTEM (Chart 14786)

Hudson River (Above Troy Lock)

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**LAKE CHAMPLAIN (New York and Vermont) - First District**

**RIVIERE RICHELIEU TO SOUTH HERO ISLAND (Chart 14781)**

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**King Bay**

**Great Chazy River Boat Channel**

*Aids maintained from May 15 to Oct. 15.*

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<td>SG on pile.</td>
<td>Private aid.</td>
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<td>39300</td>
<td>NORTH HERO LIGHT 8</td>
<td>44-45-52.734N 073-17-32.334W</td>
<td>Fl R 4s</td>
<td>23 5 TR on skeleton tower.</td>
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<td>39305</td>
<td>Sandy Point Buoy 9</td>
<td>44-45-55.727N 073-17-33.101W</td>
<td>Green can.</td>
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<td>39310</td>
<td>Ball Island South End Buoy 1</td>
<td>44-45-21.158N 073-13-12.277W</td>
<td>Green can.</td>
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<td>39320</td>
<td>BURTON ISLAND LIGHT</td>
<td>44-46-38.860N 073-11-47.750W</td>
<td>Fl W 2.5s</td>
<td>14</td>
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**LAKE CHAMPLAIN (New York and Vermont) - First District**

**King Bay**

_Great Chazy River Boat Channel_

_Aids maintained from May 15 to Oct. 15._

**La Motte Passage**

**Main Passage**

**The Gut North Entrance**

**South Entrance**

**Main Channel**

**St. Albans Bay**
<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<td>RIVIERE RICHELIEU TO SOUTH HERO ISLAND (Chart 14781) - First District</td>
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<td>St. Albans Bay</td>
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<td>39325</td>
<td>City Reef Buoy 1</td>
<td>44-48-38.681N</td>
<td>Green can.</td>
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<tr>
<td></td>
<td>At east side of reef.</td>
<td>073-16-36.078W</td>
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<td>Buoy 2</td>
<td>44-48-45.052N</td>
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<tr>
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<td>At south point of shoal.</td>
<td>073-16-54.772W</td>
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<td>39335</td>
<td>South Buoy GS</td>
<td>44-50-40.652N</td>
<td>Red and green</td>
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<tr>
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<td>At south point of reef.</td>
<td>073-14-14.970W</td>
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<td>North Buoy GN</td>
<td>44-51-52.052N</td>
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<tr>
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<td>At north point of reef.</td>
<td>073-13-27.870W</td>
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<td></td>
<td>Marks Northwest edge of Sandy Point Ledge.</td>
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<td>073-12-08.964W</td>
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<td>Marks Northwest point of shoal.</td>
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<td>39351</td>
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<td>073-10-18.197W</td>
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<td>Treadwell Bay</td>
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<td>073-23-13.981W</td>
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<td>39360</td>
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<td>44-45-36.351N</td>
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<td>At east side of 4-foot reef.</td>
<td>073-23-43.982W</td>
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<td>44-44-52.000N</td>
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<td>Maintenance from May 1 to Oct. 1.</td>
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<td>073-24-41.000W</td>
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<td>CUMBERLAND HEAD TO FOUR BROTHERS ISLANDS (Chart 14782) - First District</td>
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<td>44-41-29.467N</td>
<td>Fl W 4s 75 7</td>
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<td>On Grey conical tower.</td>
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<td>073-23-06.782W</td>
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<td></td>
<td></td>
<td>073-20-58.680W</td>
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<td></td>
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<td>HORN: 2 blasts ev 30s (1s bl-1s si-1s bl-27s si). Private aid.</td>
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<td>39390</td>
<td>Grand Isle Ferry Dock South Slip North Light</td>
<td>44-41-18.540N</td>
<td>F G 18</td>
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<td>On dolphin.</td>
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<tr>
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<td>073-21-00.930W</td>
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<td>39395</td>
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<td>44-41-18.160N</td>
<td>F R 18</td>
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<td>073-21-01.900W</td>
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<td>39400</td>
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<td>44-41-19.043N</td>
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<td>NW on skeleton tower worded DANGER JETTY.</td>
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<td>Characteristic</td>
<td>Height</td>
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<td>39415</td>
<td>PLATTSBURGH BREAKWATER SOUTHWEST LIGHT</td>
<td>44-41-35.700N</td>
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<td>5</td>
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<td>44-41-45.100N</td>
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<td>29</td>
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<td>39428</td>
<td>Gunboat Rock Hazard Buoy</td>
<td>44-43-15.000N</td>
<td>Q R</td>
<td>15</td>
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<td>White with orange bands marked DANGER ROCKS. Maintained from May 1 to Nov. 1.</td>
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<tr>
<td>39470</td>
<td>BLUFF POINT LIGHT</td>
<td>44-37-24.700N</td>
<td>Fl W 4s</td>
<td>95</td>
<td>7</td>
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<td>In abandoned light house tower.</td>
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<td>39480</td>
<td>Garden Island Ledge Buoy 28</td>
<td>44-36-12.246N</td>
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<td>Red nun.</td>
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<td>39482</td>
<td>Lake Champlain Research Institute Data Lighted Buoy A</td>
<td>44-36-09.000N</td>
<td>Fi Y 4s</td>
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<td>Yellow. Maintained from Apr 15 to Dec 15. Private aid.</td>
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<tr>
<td>39485</td>
<td>Stave Island Rock Buoy 2</td>
<td>44-35-55.806N</td>
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<td>Red nun. Maintained from May 1 to Nov. 1.</td>
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<tr>
<td>39500</td>
<td>Allen Point Buoy 1</td>
<td>44-35-29.956N</td>
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<td>Green can. Maintained from 1 May to 1 Nov.</td>
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<tr>
<td>39505</td>
<td>Mallets Bay Rock Buoy</td>
<td>44-34-26.874N</td>
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<td>White with orange bands. Maintained from 1 May to 1 Nov.</td>
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<tr>
<td>39510</td>
<td>Coates Island Warning Buoy</td>
<td>44-33-31.820N</td>
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<td>White with orange bands; can. Maintained from 1 May to 1 Nov.</td>
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</tbody>
</table>

**Lake Champlain (New York and Vermont) - First District**

**Cumberland Bay**

**Main Passage**

**Canal Terminal**

**Valcour Island Channel**

**Stave Island to Mallets Bay Channel**

345
<table>
<thead>
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<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
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<th>Height</th>
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<td>Stave Island Buoy 29</td>
<td>44-35-00.373N 073-20-24.776W</td>
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<td>44-34-42.749N 073-20-24.939W</td>
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<td>Au Sable Point Buoy 32</td>
<td>44-34-12.834N 073-24-46.560W</td>
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<td>Au Sable River Flats Buoy 34</td>
<td>44-33-02.910N 073-24-12.996W</td>
<td>Red nun.</td>
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<td>COLCHESTER REEF LIGHT</td>
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<td>Colchester Shoal Lighted Buoy 35</td>
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<td>The Pigs Shoal Buoy 39</td>
<td>44-30-09.273N 073-16-44.966W</td>
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<td>44-29-23.603N 073-20-52.906W</td>
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<td>Apple Tree Point Buoy 1</td>
<td>44-29-47.174N 073-16-05.963W</td>
<td>Green can.</td>
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<td>Lake Champlain Yacht Club Racing Mark A</td>
<td>44-28-54.000N 073-16-40.800W</td>
<td>Yellow can.</td>
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<td>- JETTY LIGHT</td>
<td>44-28-45.036N 073-13-22.830W</td>
<td>Fl W 2.5s</td>
<td>3</td>
<td></td>
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<td>NW on pile worded DANGER BREAKWATER.</td>
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</tbody>
</table>
### LAKE CHAMPLAIN (New York and Vermont) - First District

**CUMBERLAND HEAD TO FOUR BROTHERS ISLANDS (Chart 14782)**

Lake Champlain Underwater Preserve  
*Aids maintained from June 1 to Nov. 1. Aids mark historic shipwreck diving sites.*

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
<th>Position</th>
<th>Characteristic</th>
<th>Height</th>
<th>Range</th>
<th>Structure</th>
<th>Remarks</th>
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<tr>
<td>39635</td>
<td>Buoy A</td>
<td>44-28-18.000N 073-13-43.000W</td>
<td>Yellow sphere.</td>
<td>16</td>
<td></td>
<td>White triangular lighthouse on end of breakwater.</td>
<td>Private aid.</td>
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<td>39640</td>
<td>Buoy B</td>
<td>44-28-08.000N 073-13-43.000W</td>
<td>Yellow sphere.</td>
<td>16</td>
<td></td>
<td>On dolphin.</td>
<td>Private aid.</td>
</tr>
<tr>
<td>39645</td>
<td>Buoy C</td>
<td>44-27-00.000N 073-14-42.000W</td>
<td>Yellow sphere.</td>
<td>16</td>
<td></td>
<td>On dolphin.</td>
<td>Private aid.</td>
</tr>
</tbody>
</table>

**Burlington Bay**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Location</th>
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<th>Characteristic</th>
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<th>Remarks</th>
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<tr>
<td>39682</td>
<td>CSC FLOATING BREAKWATER LIGHT N1</td>
<td>44-28-56.100N 073-13-34.740W</td>
<td>F W</td>
<td>125</td>
<td>7</td>
<td>On white skeleton tower.</td>
<td>Private aid.</td>
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<td>39685</td>
<td>CSC FLOATING BREAKWATER LIGHT S1</td>
<td>44-28-54.360N 073-13-35.040W</td>
<td>F W</td>
<td>12</td>
<td>10</td>
<td>On end of breakwater.</td>
<td>Replaced by unlighted Danger Buoy when breakwater is submerged during ice. Private aid.</td>
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<td>39686</td>
<td>CSC FLOATING BREAKWATER SOUTH LIGHT</td>
<td>44-28-54.000N 073-13-34.980W</td>
<td>Q W</td>
<td>12</td>
<td>10</td>
<td>On end of breakwater.</td>
<td>Replaced by unlighted Danger Buoy when breakwater is submerged during ice. Private aid.</td>
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**South Entrance (Burlington Bay)**

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<td>44-26-58.308N 073-16-34.470W</td>
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<td>Green can. Maintained from May 1 to Nov. 1.</td>
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**FOUR BROTHERS ISLANDS TO BARBER POINT (Chart 14783)**

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**BARBER POINT TO WHITEHALL (Chart 14784)**

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**Whitehall Narrows**

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**LAKE MEMPHREMAGOG**

Aids maintained from Jun 15 to Oct 1 unless otherwise noted.

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**LAKE CHAMPLAIN (New York and Vermont) - First District**

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