



Fisheries and Oceans  
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Canadian  
Coast Guard

Garde côtière  
canadienne

# Notices to Mariners

**Edition No. 01/2023**  
January 27, 2023



Safety First, Service Always

## Monthly Eastern Edition

Canada 

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Edition No. 01/2023

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## Explanatory Notes – Notices to Mariners (NOTMAR)

**Geographical positions** refer directly to the graduations of the largest scale Canadian Hydrographic Service chart (unless otherwise indicated).

**Bearings** refer to the true compass and are measured clockwise from 000° (North) clockwise to 359°; those relating to lights are from seaward.

**Visibility** of lights is that in clear weather.

**Depths** - The units used for soundings (metres, fathoms or feet) are stated in the title of each chart.

**Elevations** are normally given above Higher High Water, Large Tide (unless otherwise indicated).

**Distances** may be calculated as follows:

- 1 nautical mile = 1,852 metres (6,076.1 feet)
- 1 statute mile = 1,609.3 metres (5,280 feet)
- 1 metre = 3.28 feet

### Temporary and Preliminary Notices to Mariners – Section 1A of *Notices to Mariners*

These notices are indicated by a (T) or a (P), respectively. Please note that nautical charts are not amended by the Canadian Hydrographic Service for temporary (T) and preliminary (P) notices. It is recommended that mariners chart these corrections in pencil. For the list of charts affected by (T) & (P) notices, please refer to the current [Notices to Mariners - Monthly Summary of Temporary and Preliminary Notices](#) publication.

### Suggestions and Corrections Form

This form is specifically for suggestions and corrections to Notices to Mariners publications. It is available [online](#) and also in [fillable PDF format](#) included with the monthly publication ZIP file.

To submit comments and suggestions on possible improvements to the various publications and services: [Notmar.XNCR@dfo-mpo.gc.ca](mailto:Notmar.XNCR@dfo-mpo.gc.ca).

To report chart discrepancies and/or corrections to the *Canadian Sailing Directions* booklets: Fill out the [Marine Information Reporting Form](#) and/or email [chsinfo@dfo-mpo.gc.ca](mailto:chsinfo@dfo-mpo.gc.ca).

To report emergencies or navigational hazards: [Contact your nearest MCTS centre](#)

- VHF channel 16 (156.8 MHz)
- MF/HF frequency 2182 kHz/4125 kHz (where available)
- \*16 on a cellphone (where available)

### NOTMAR Website – Monthly Editions, Chart Corrections and Chart Patches

The NOTMAR website allows users to access the [monthly publications](#), [chart corrections](#), and [chart patches](#).

Users can subscribe for free to the [email notification service](#) to receive notifications when charts of interest are updated, including their patches, as well as when a new Monthly Edition of *Notices to Mariners* is published.

In addition, the monthly publication and related files to download, such as chart patches, can be obtained all together through the download of a single ZIP file.

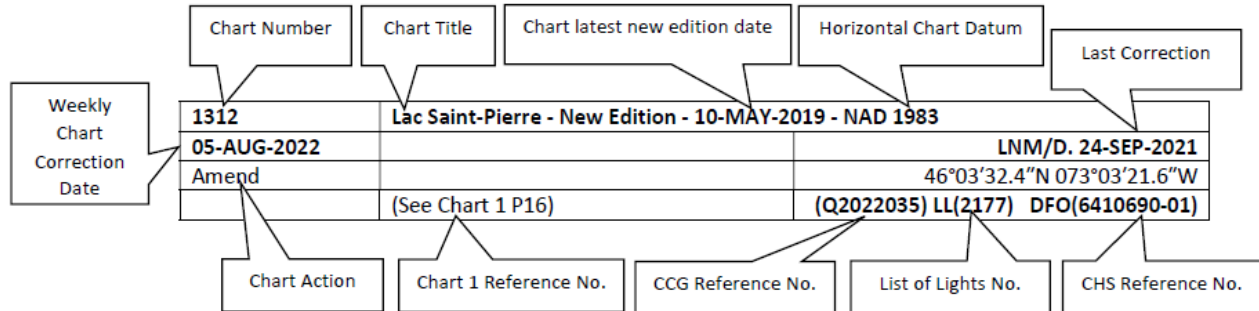
## Explanatory Notes – Canadian Hydrographic Service (CHS)

### Chart Corrections – Section 2 of *Notices to Mariners*

Corrections to nautical charts will be listed in numerical order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately.

Users should also refer to CHS *Chart 1: Symbols, Abbreviations and Terms* for additional information pertaining to the correction of charts.

The illustration below describes the elements that will comprise a typical Section 2 chart correction:



The last correction number is identified with the **LN/D** or **Last Notice to Mariners Number / Date**.

Mariners are advised that only the most critical changes that directly affect safety to navigation are issued in “Section 2 – Chart Corrections.” This limitation is required to ensure that charts remain as clear and easy to read as possible. As a result, mariners may see minor discrepancies of a non-critical nature between information in official publications. For example, a small change in the nominal range or focal height of a light may not result in the production of a chart correction in *Notices to Mariners*, but may result in a correction in the [List of Lights, Buoys and Fog Signals](#) publication.

Note: In the case of a discrepancy between information provided on CHS charts relating to aids to navigation, and the *List of Lights, Buoys and Fog Signals* publication, the latter shall be deemed as containing the most up-to-date information.

### Canadian Nautical Charts & Publications

A source list of Canadian nautical charts and publications is published in Notice No. 14 of the *Notices to Mariners Annual Edition 2022*. The source supply and the prices effective at the time of printing are listed. For current chart edition dates, please refer to the following website: [www.chs-shc.gc.ca/charts-cartes/paper-papier/index-eng.asp](http://www.chs-shc.gc.ca/charts-cartes/paper-papier/index-eng.asp).

## Explanatory Notes – Marine Communications and Traffic Services (MCTS)

### Navigational Warnings / Notices to Shipping

The Canadian Coast Guard (CCG) is implementing a number of changes to the aids to navigation system in Canada.

These changes are advertised as Navigational Warnings, formerly called Notices to Shipping<sup>1</sup>, that are broadcast by the CCG, and are then followed up with Notices to Mariners, then charts are updated by hand correction, reprints or new editions.

Mariners are advised that all relevant Navigational Warnings (NAVWARN) should be kept until superseded by Notices to Mariners or through revised charts issued by the Canadian Hydrographic Service (CHS).

NAVWARN are accessible on the applicable regional page on the CCG Navigational Warnings website at <http://nis.ccg-gcc.gc.ca>.

CHS is reviewing the impact of these changes with CCG and together are preparing an action plan on the issuing of chart revisions.

For further information, contact your regional NAVWARN Issuing Desk.

<p><b>Atlantic Region (North)</b> <b>*Port aux Basques MCTS Centre</b></p> <p>“N” Series NAVWARN</p> <p>Canadian Coast Guard 49 Stadium Rd. P.O. Box 99 Port aux Basques, NL A0M 1C0</p> <p>Telephone: 709-695-2168 or 1-800-563-9089 Facsimile: 709-695-7784</p> <p>Email: <a href="mailto:NAVWARN.MCTSPortAuxBasques@innav.gc.ca">NAVWARN.MCTSPortAuxBasques@innav.gc.ca</a></p>	<p><b>Central Region</b> <b>*Prescott MCTS Centre</b></p> <p>“Q” and “C” Series NAVWARN</p> <p>Canadian Coast Guard 401 King Street West P.O. Box 1000 Prescott, ON K0E 1T0</p> <p>Telephone: 613-925-0666 Facsimile: 613-925-4519</p> <p>Email: <a href="mailto:NAVWARN.MCTSPrescott@innav.gc.ca">NAVWARN.MCTSPrescott@innav.gc.ca</a></p>
<p><b>Atlantic Region (South)</b> <b>*Sydney MCTS Centre</b></p> <p>“M” Series NAVWARN</p> <p>Canadian Coast Guard 1190 Westmount Road Sydney, NS B1R 2J6</p> <p>Telephone: 902-564-7751 or 1-800-686-8676 Facsimile: 902-564-7662</p> <p>Email: <a href="mailto:NAVWARN.MCTSSydney@innav.gc.ca">NAVWARN.MCTSSydney@innav.gc.ca</a></p>	<p><b>Arctic Region</b> <b>*Iqaluit MCTS Centre</b></p> <p><i>Operational from approximately mid-May until late December.</i></p> <p>“A” and “H” Series NAVWARN</p> <p>Canadian Coast Guard P.O. Box 189 Iqaluit, NU X0A 0H0</p> <p><u>“A” Series NAVWARN</u> Telephone: 867-979-5269</p> <p><u>“H” Series NAVWARN</u> Telephone: 867-979-0310 Facsimile: 867-979-4264</p> <p>Email: <a href="mailto:NAVWARN.MCTSIqaluit@innav.gc.ca">NAVWARN.MCTSIqaluit@innav.gc.ca</a></p>

\*Service available in English and in French.

<sup>1</sup> The expression “Notice to Shipping” was changed to “Navigational Warning” in January 2019.

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## Numerical Index of Canadian Charts Affected

This numerical index lists all nautical charts mentioned in this monthly edition of Notices to Mariners. Only charts appearing in Section 2 of this publication require a chart correction. The appearance of charts in all other sections, particularly those related to the correction of other nautical publications, is included here for reference.

Chart No.	Pages	Chart No.	Pages	Chart No.	Pages
1311	<a href="#">7</a>	4509	<a href="#">11, 17</a>		
1315	<a href="#">7, 8</a>	4615	<a href="#">17</a>		
1317	<a href="#">4</a>	4652	<a href="#">11, 12, 17</a>		
1550	<a href="#">8</a>	4667	<a href="#">17</a>		
1551	<a href="#">8</a>	4847	<a href="#">4, 18</a>		
2050	<a href="#">8</a>	4848	<a href="#">4</a>		
2053	<a href="#">5</a>	4855	<a href="#">4</a>		
2122	<a href="#">3</a>	4864	<a href="#">12, 18</a>		
2207	<a href="#">9</a>	4935	<a href="#">12, 18</a>		
2282	<a href="#">9, 19</a>	5024	<a href="#">12</a>		
2292	<a href="#">9, 19</a>	5052	<a href="#">12, 13, 17</a>		
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4020	<a href="#">9</a>	6037	<a href="#">3, 13, 14, 19, 20</a>		
4024	<a href="#">19</a>	8005	<a href="#">14</a>		
4045	<a href="#">4</a>	14853 (U.S.)	<a href="#">1</a>		
4114	<a href="#">10</a>	14882 (U.S.)	<a href="#">1</a>		
4115	<a href="#">10</a>	14883 (U.S.)	<a href="#">1</a>		
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## Section 1: General and Safety Information

### \*401/20 Transport Canada – COVID-19 Measures, Updates and Guidance

(Recurrent publication of notice \*401/20, originally published in the *Notices to Mariners – Monthly Eastern Edition 04/2020* publication.)

Please refer to the link below for the latest updates to transportation related measures taken by Transport Canada in response to the evolving novel Coronavirus disease (COVID-19):  
<https://www.tc.gc.ca/en/initiatives/covid-19-measures-updates-guidance-tc.html>.

For travel advice and all other updates, please visit: [Canada.ca/coronavirus](https://Canada.ca/coronavirus).

### \*1206/22 Canadian Coast Guard – Differential Global Positioning System (DGPS) Service in Canada Permanently Discontinued

(Recurrent publication of notice \*1206/22, originally published in the *Notices to Mariners – Monthly Eastern Edition 12/2022* publication.)

As of December 15, 2022, the Canadian Coast Guard has permanently discontinued the provision of its DGPS service across Canada.

Discontinuing this service aligns with Coast Guard's efforts to modernize marine navigation services and find alternatives to aging DGPS infrastructures.

Today's GPS meets the needs of international Position, Navigation and Timing (PNT) requirements. Further, for mariners in Canadian waters, there is no carriage requirement for ground or space-based augmentation capability on board vessels for Global Navigation Satellite Systems (GNSS).

Modern GNSS receivers can use the Wide Area Augmentation System (WAAS) as a viable alternative to DGPS. Coast Guard's technical review of PNT solutions for Canada, and a study of the performance of WAAS found coverage to be excellent throughout Canada, including up to 72' north latitude in the Arctic.

### \*1207/22 Canadian Coast Guard – Waterway information

(Recurrent publication of notice \*1207/22, originally published in the *Notices to Mariners – Monthly Eastern Edition 12/2022* publication.)

Reference chart: 14853 (U.S.), 14882 (U.S.), 14883 (U.S.), 14884 (U.S.)

Updated shoaling conditions for the navigational channels in the Great Lakes are available on the Canadian Coast Guard websites:

[CCG e-Nav - Shoals in the Detroit River \(canada.ca\)](#)  
[CCG e-Nav - Shoals in the St. Clair River \(canada.ca\)](#)  
[CCG e-Nav - Shoals in the St. Mary's River \(canada.ca\)](#)

Great Lakes Waterways Channel Bottom Conditions and Active Shoals are available at the website:

[GCC - e-Nav Portal - Central - Great Lakes Waterways - Channel Bottom Conditions \(canada.ca\)](#)

Areas		
Detroit River	North Channel	St. Clair River
Great Lakes	Lake Huron	St. Marys River
Lake Erie	Lake St. Clair	Whitefish Bay

(NW-C-2130-22)



**\*101/23 Canadian Hydrographic Service – Nautical Charts**

Charts	Main Title	Scale	Published	Cat#	Price
<b>New Editions</b>					
4456	Baie Piashti à/to Petite Île au Marteau	1:70 000	2023-01-13	1	\$20.00

**\*102/23 Canadian Hydrographic Service – Electronic Navigational Charts**

S-57 ENC Number	Chart Title	ENC Compilation Scale	Published
<b>New Charts</b>			
CA473541 (Edn 1.000)	Padloping Island and Approaches / et les Approches	1:32 500	2023-01-20
<b>New Editions</b>			
CA376135 (Edn 8.000)	Cape Pine to/au Cape St. Mary's	1:30 000	2023-01-20
CA376371 (Edn 5.000)	Indian Bay to/à Wadham Islands	1:30 000	2023-01-20
CA476479 (Edn 2.000)	Bay D'Espoir and/et Hermitage Bay	1:25 000	2023-01-20
CA476678 (Edn 2.000)	Strait of Canso	1:15 000	2023-01-13
CA479155 (Edn 13.000)	Sorel à/to Varennes	1:20 000	2023-01-20
CA570073 (Edn 12.000)	Vancouver Harbour Western Portion/Partie Ouest	1:5 000	2023-01-27
CA576592 (Edn 4.000)	Humber Arm, Meadows Point to/à Humber River	1:20 000	2023-01-06

**\*103/23 Transport Canada – Ship Safety Bulletin #31/2022**

A new **Ship Safety Bulletin** has recently been posted on the [Transport Canada website](#).

To view or download this bulletin, please click on the link below:

**[SSB#31/2022](#) – Revised application forms to obtain a safe manning document - apply online – Updated December 2022**  
**RDIMS# 19198081**

Sign up for [e-Bulletin](#) to receive an e-mail notice each time a new Ship Safety Bulletin is published on our website.

**Contact us at** [marinesafety-securitemaritime@tc.gc.ca](mailto:marinesafety-securitemaritime@tc.gc.ca) or 1-855-859-3123 (Toll Free).

**\*104/23 Canadian Coast Guard – Amendments to the *List of Lights, Buoys and Fog Signals* Publication: Atlantic Coast**

**Year-Round lighted spar buoys (YRLS)**

Amendments have been made to the *List of Lights, Buoys and Fog Signals* publication. The Front Cover and General Information Pages of the Atlantic Coast volume have been amended to include additional information on Year-Round lighted spar buoys (YRLS).

Among the amendments to the Front Cover and General Information Pages, the following paragraphs have been added:

Some floating aids are permanently replaced by new plastic or steel Year-Round lighted spar buoys (YRLS) moored for a two-year period, and left in the water year round. Three models of four-season YRLS buoys are deployed in the St. Lawrence shipping channel. These models come in 3 sizes, 1.3 m, 1.0 m and 0.7 m, each designed for optimal use in different water conditions and depths.

These buoys can withstand very severe ice conditions. Although a lantern is present year-round on them, light service cannot be guaranteed in winter, particularly in the presence of ice. The YRLS buoys reported to be extinguished during this period will therefore not be prioritized and the light service may only be restored during the spring buoyage.

The mention (YRLS) has been added to the List of Lights entries of the YRLS buoys located in the following sections of the Atlantic Coast volume :

- St. Lawrence River (1584.5 - 1772, 1823.8 - 2185.7, 2273 - 2365.95)
- St. Lawrence River Seaway (2369 - 2384)

**\*105/23 Pointe aux Pins to/à Point Pelee – Unlit Buoys Permanently Established**

Reference Chart: 2122

The following unlit buoys have been permanently established:

Aid Name	LL #	Position
Cedar Springs Small Arms Range buoy C2	7177.06	42° 15' 38.4"N 082° 01' 23.6"W
Cedar Springs Small Arms Range buoy C3	7177.07	42° 15' 34.0"N 082° 01' 18.6"W
Cedar Springs Small Arms Range buoy C4	7177.08	42° 15' 29.6"N 082° 01' 13.7"W
Cedar Springs Small Arms Range buoy C5	7177.09	42° 15' 25.2"N 082° 01' 08.8"W

(B2022-049 to 052)

**\*106/23 Iron Island to/à West Bay – Unlit Buoys Repositioned**

Reference chart: 6037

The following unlit buoys have been repositioned to the following coordinates:

Aid Name	LL #	Position
Buoy A1	9273	46° 18' 43.6"N 079° 57' 15.1"W
Buoy A2	9274	46° 18' 44.7"N 079° 57' 13.0"W

(D2022-059, 060)

## Section 1A: Temporary and Preliminary Notices

### Reminder – Comment Period for Active Preliminary Notices

This is a reminder that the comment period is still open for the following active Preliminary notices:

Notice #	Reference Chart #	Aids Affected (LL #)	Intent of Notice
<b>Newfoundland and Labrador Coast</b>			
<a href="#">1112(P)/22</a>	4848	492.7, 492.8	Range Lights to be Discontinued
<a href="#">1113(P)/22</a>	4855	441.25	Aid to Navigation to be Discontinued
<a href="#">1213(P)/22</a>	4847	498.5	Light Buoy to be Discontinued
<b>Inland Waters</b>			
<a href="#">1116(P)/22</a>	6035	1423, 1424, 9324	Aids to Navigation to be Discontinued

Please refer to the [Notices to Mariners - Monthly Summary of Temporary and Preliminary Notices](#) publication for details.

### Newfoundland and Labrador Coast

No notices applicable for this edition.

### Atlantic Coast

#### Temporary Notices

#### \*107(T)/23 Sable Island Bank / Banc de l'Île de Sable to / au St. Pierre Bank / Banc de Saint-Pierre – ODAS Buoy Unlit

Reference chart: 4045

ODAS buoy marked "44139" in 44° 14.400'N, 057° 06.180'W is unlit. Caution.

(NW-M-2321-22)

#### \*108/23 Sault-au-Cochon à/to Québec – Shallower Depth Charted

Reference: Notice 208(T)/22 is cancelled (Chart 1317).

Shallower depth now charted on chart 1317.

#### Preliminary Notices

No notices applicable for this edition.

## Inland Waters

### Temporary Notices

#### **\*109(T)/23 Port Hope Harbour – Dredging Operations**

Reference: Notice 809(T)/18 is cancelled.

Reference chart: 2053

Dredging and wall repair operations in Port Hope Harbour. Entrance to the western basin is blocked. Caution.

### Preliminary Notices

No notices applicable for this edition.

## Other (T) & (P) Notices

### Temporary Notices

#### **\*111(T)/23 Canadian Coast Guard – Automatic Identification System (AIS)**

Reference: Notice \*208(T)/21 is cancelled.

##### **AIS Aids to Navigation (AtoNs)**

Mariners are advised that the Canadian Coast Guard (CCG) is continuing to conduct supervised test beds of AIS AtoNs, with the objective of bringing AIS AtoNs to Full Operational Capability (FOC). Specific information on AIS AtoN test bed sites can be found on the CCG e-Navigation Maritime Information Portal at <https://e-navigation.canada.ca/topics/aids/docs/ais-aton/locations-en>.

Although AIS was originally developed as a collision avoidance tool for vessels, it also allows for the broadcasting of other types of data, such as the AIS AtoN “Message 21” (AIS AtoN Report).

Ships need to be equipped with standard shipborne AIS equipment for the display of AIS messages. The IMO mandatory carriage requirement for the Class “A” AIS display is the Minimum Keyboard Display (MKD), however, the display and use of the AtoN information may require additional hardware and/or software such as an AIS-connected Electronic Chart Display and Information System (ECDIS), Electronic Chart System (ECS), Radar or Portable Pilot Unit (PPU).

As the AIS information available to mariners will be dependent on their display system and its compliance with the latest IMO and IALA standards, some transmitted information may not be displayed or may have a different symbol. Mariners are encouraged to install and upgrade systems that provide AIS overlay on ECDIS, ECS and/or Radar. Mariners should be familiar with the display settings on their vessel’s shipborne equipment.

All geographical positions (latitude and longitude) are based on the WGS 84 datum; time is displayed in Coordinated Universal Time (UTC).

CCG is making every effort to broadcast quality information; however, as with any navigational tool, mariners should not rely on this information as their sole means of navigation.

Mariners are advised to consult the CCG e-Navigation web page on AIS AtoN, accessible at <https://e-navigation.canada.ca/topics/aids/docs/ais-aton/index-en> for pertinent information, including examples of AIS AtoN display and symbology.

Individual NAVWARNs and/or NOTMARs are rarely issued for AIS AtoN trials.

Mariners are requested to provide feedback on the AIS AtoN test beds to the CCG e-Navigation Team at [ccg.enav.gcc@dfo-mpo.gc.ca](mailto:ccg.enav.gcc@dfo-mpo.gc.ca). In addition, mariners who wish to participate in CCG's questionnaire on AIS AtoN are invited to access it at <https://e-navigation.canada.ca/docs/surveys/asm-aton-en>. The collected results will guide the CCG in further developing this information service.

## Section 2: Chart Corrections

### 1311 - Sorel-Tracy à/to Varennes - New Edition - 17-MAY-2019 - NAD 1983 13-JAN-2023

LNМ/D. 25-NOV-2022

Add	anchor berth L5 (See Chart 1, N11.1) This notice affects Electronic Navigational Chart: CA479155	46°01'08.0"N 073°10'03.0"W  <i>DFO(6410745-01)</i>
Add	anchor berth L6 (See Chart 1, N11.1) This notice affects Electronic Navigational Chart: CA479155	46°01'23.0"N 073°09'57.0"W  <i>DFO(6410745-02)</i>
Add	anchor berth L7 (See Chart 1, N11.1) This notice affects Electronic Navigational Chart: CA479155	46°01'37.0"N 073°09'52.0"W  <i>DFO(6410745-03)</i>
Add	anchor berth L8 (See Chart 1, N11.1) This notice affects Electronic Navigational Chart: CA479155	46°01'52.0"N 073°09'46.0"W  <i>DFO(6410745-04)</i>
Add	anchor berth L9 (See Chart 1, N11.1) This notice affects Electronic Navigational Chart: CA479155	46°02'06.0"N 073°09'41.0"W  <i>DFO(6410745-05)</i>

### 1315 - Mouillage Saint-Nicolas - New Edition - 24-MAY-2019 - NAD 1983 13-JAN-2023

LNМ/D. 25-NOV-2022

Delete	Note Zone de Mouillage / Anchorage Area This notice affects Electronic Navigational Chart: CA579224	46°43'00.0"N 071°22'39.0"W  <i>DFO(6410762-01)</i>
Add	anchor berth SNO (See Chart 1, N11.1) This notice affects Electronic Navigational Chart: CA579224	46°43'00.0"N 071°22'39.0"W  <i>DFO(6410762-02)</i>
Add	anchor berth DES (See Chart 1, N11.1) This notice affects Electronic Navigational Chart: CA579224	46°43'39.0"N 071°22'03.0"W  <i>DFO(6410762-03)</i>

### 1315 - Québec à/to Donnacona - New Edition - 24-MAY-2019 - NAD 1983 13-JAN-2023

LNМ/D. 25-NOV-2022

Add	anchor berth ID1 (See Chart 1, N11.1) This notice affects Electronic Navigational Chart: CA479020	46°41'59.0"N 071°31'42.0"W  <i>DFO(6410761-01)</i>
Add	anchor berth ID2 (See Chart 1, N11.1) This notice affects Electronic Navigational Chart: CA479020	46°42'08.0"N 071°31'13.0"W  <i>DFO(6410761-02)</i>

Delete reported anchorage 46°42'19.7"N 071°31'01.6"W  
(See Chart 1, N10)  
This notice affects Electronic Navigational Chart: CA479020  
*DFO(6410761-03)*

**1550 - Britannia Bay à/to Breckenridge - Sheet/Feuille 1 - New Edition - 27-MAY-2011 - NAD 1983**

20-JAN-2023 LNM/D. 28-OCT-2022

Add green port hand spar buoy, marked K9 45°24'02.9"N 075°53'32.2"W  
(See Chart 1, Qc)  
*(B2022095) DFO(6605006-01)*

**1550 - Maclarens Landing à/to Chats Falls - Sheet/Feuille 2 - New Edition - 27-MAY-2011 - NAD 1983**

20-JAN-2023 LNM/D. 28-OCT-2022

Delete boom between 45°28'39.1"N 076°14'25.0"W  
(See Chart 1, F29.1) and 45°28'32.8"N 076°14'11.8"W  
*DFO(6605006-02)*

Add boom joining 45°28'32.4"N 076°14'12.3"W  
(See Chart 1, F29.1) 45°28'40.0"N 076°14'20.9"W  
and 45°28'39.7"N 076°14'25.4"W  
*DFO(6605006-03)*

Delete private orange hazard can buoy, marked Priv 45°28'38.4"N 076°14'21.8"W  
(See Chart 1, Qo)  
*DFO(6605006-04)*

Delete private orange hazard can buoy, marked Priv 45°28'37.0"N 076°14'18.1"W  
(See Chart 1, Qo)  
*DFO(6605006-05)*

Delete private orange hazard can buoy, marked Priv 45°28'35.8"N 076°14'15.0"W  
(See Chart 1, Qo)  
*DFO(6605006-06)*

Delete depth of 4 feet 45°28'39.2"N 076°14'19.6"W  
(See Chart 1, I10)  
*DFO(6605006-07)*

**1551 - Chats Falls à/to Chenaux - Sheet/Feuille 1 - New Edition - 24-AUG-2001 - NAD 1983**

20-JAN-2023 LNM/D. 19-JUL-2013

Delete boom joining 45°27'57.0"N 076°15'39.8"W  
(See Chart 1, F29.1) 45°28'08.8"N 076°14'58.1"W  
and 45°28'30.6"N 076°14'24.3"W  
*DFO(6605006-08)*

Add boom between 45°28'34.6"N 076°15'17.0"W  
(See Chart 1, F29.1) and 45°27'50.0"N 076°15'21.8"W  
*DFO(6605006-09)*

**2050 - Oshawa Harbour - New Edition - 04-OCT-2019 - World Geodetic System 1984**

06-JAN-2023

Delete private red starboard hand spar buoy, marked Priv 43°51'52.6"N 078°49'16.7"W  
(See Chart 1, Qb)  
This notice affects Electronic Navigational Chart: CA573013  
*(B2022096) DFO(6605007-01)*

**2207 - Bay of Islands (2207-3) - Sheet/Feuille 2 - New Chart - 27-JUL-2001 - NAD 1983**

06-JAN-2023

LNMD. 22-APR-2022

Delete starboard hand daybeacon  
(See Chart 1, Qp) 46°04'16.5"N 081°48'19.4"W  
(D2022067) DFO(6605000-01)

Add red starboard hand spar buoy, marked UY2/2  
(See Chart 1, Qb) 46°04'17.6"N 081°48'17.9"W  
(D2022068) DFO(6605001-01)

**2282 - Lion's Head Harbour - New Edition - 07-JUN-1996 - NAD 1983**

06-JAN-2023

LNMD. 24-SEP-2021

Add red starboard hand lighted spar buoy FI R, marked TV2  
(See Chart 1, Qb) 44°59'23.9"N 081°14'51.5"W  
This notice affects Electronic Navigational Chart: CA373286  
(D2022070) LL(825.2) DFO(6605009-01)

**2292 - Chantry Island to Cove Island - New Edition - 31-JAN-2020 - NAD 1983**

20-JAN-2023

LNMD. 02-APR-2021

Add light, marked FI  
(See Chart 1, P1) 44°49'15.9"N 081°18'16.3"W  
This notice affects Electronic Navigational Chart: CA373484, CA573265  
(D2022069) LL(795.5) DFO(6605008-01)

**4006 - Newfoundland and Labrador/Terre-Neuve-et-Labrador to Bermuda / aux Bermudes - New Edition - 08-AUG-2003 - NAD 1983**

06-JAN-2023

LNMD. 16-DEC-2022

Add wreck, least depth unknown, PA  
(See Chart 1, K29, B7) 37°36'43.2"N 074°14'42.8"W  
DFO(6310532-01)

**4011 - Approaches to / Approches à Bay of Fundy / Baie de Fundy - New Edition - 03-JAN-2003 - NAD 1983**

20-JAN-2023

LNMD. 25-NOV-2022

Add wreck Wk with known depth of 138 metres  
(See Chart 1, K26) 42°46'26.9"N 066°38'46.8"W  
This notice affects Electronic Navigational Chart: CA276206  
DFO(6310553-01)

**4012 - Yarmouth to / à Halifax - New Edition - 14-FEB-2003 - NAD 1983**

20-JAN-2023

LNMD. 16-DEC-2022

Add wreck Wk with known depth of 138 metres  
(See Chart 1, K26) 42°46'26.9"N 066°38'46.8"W  
This notice affects Electronic Navigational Chart: CA276206  
DFO(6310553-01)

**4020 - Strait of Belle Isle / Détroit de Belle Isle - New Edition - 26-JUL-2002 - NAD 1983**

13-JAN-2023

LNMD. 11-NOV-2022

Add red starboard hand lighted pillar buoy FI R, marked XC2  
(See Chart 1, Qb) 51°37'29.0"N 055°49'51.1"W  
This notice affects Electronic Navigational Chart: CA376094  
(N2022294) LL(233.14) DFO(6310535-01)



**4114 - Campobello Island - New Edition - 24-APR-2015 - NAD 1983**

13-JAN-2023

LNMD. 23-DEC-2022

Amend FI(2) 10s to read FI(2) 5s against black, red and black isolated danger  
lighted spar buoy, marked SA  
(See Chart 1, Q130.4)  
This notice affects Electronic Navigational Chart: CA476035

44°59'56.0"N 066°52'44.0"W

(F2022056) LL(52.55) DFO(6310546-01)

**4115 - Passamaquoddy Bay and / et St. Croix River - New Edition - 24-FEB-2012 - World Geodetic System 1984**

13-JAN-2023

LNMD. 03-DEC-2021

Amend FI(2) 10s to read FI(2) 5s against black, red and black isolated danger  
lighted spar buoy, marked SA  
(See Chart 1, Q130.4)  
This notice affects Electronic Navigational Chart: CA476035

44°59'56.0"N 066°52'44.0"W

(F2022056) LL(52.55) DFO(6310546-01)

**4209 - Shelburne Harbour - New Edition - 30-DEC-2011 - NAD 1983**

06-JAN-2023

LNMD. 25-SEP-2020

Add obstruction with depth unknown with legend PA  
(See Chart 1, K40, B7)

43°44'44.4"N 065°19'28.8"W

This notice affects Electronic Navigational Chart: CA376047, CA576039

DFO(6310530-01)

**4211 - Cape Lahave to / à Liverpool Bay - New Edition - 20-JUN-2003 - NAD 1983**

20-JAN-2023

LNMD. 22-APR-2022

Affix patch

44°02'52.0"N 064°42'03.0"W

Download Patch - [https://www.notmar.gc.ca/chsftp/patches/4211\\_6310442\\_2\\_202212230805.pdf](https://www.notmar.gc.ca/chsftp/patches/4211_6310442_2_202212230805.pdf)

This notice affects Electronic Navigational Chart: CA476202

DFO(6310442-02)

**4240 - Liverpool Harbour to / à Lockeport Harbour - New Chart - 06-OCT-1989 - NAD 1983**

20-JAN-2023

LNMD. 16-JUL-2021

Affix patch

44°02'39.0"N 064°42'09.0"W

Download Patch - [https://www.notmar.gc.ca/chsftp/patches/4240\\_6310442\\_3\\_202212230801.pdf](https://www.notmar.gc.ca/chsftp/patches/4240_6310442_3_202212230801.pdf)

This notice affects Electronic Navigational Chart: CA376045

DFO(6310442-03)

**4255 - Georges Bank / Banc de Georges: Eastern Portion / Partie Est - New Chart - 27-JUL-1990 - NAD 1983**

20-JAN-2023

LNMD. 16-DEC-2022

Add wreck Wk with known depth of 325 metres  
(See Chart 1, K26)

42°22'43.6"N 067°14'29.4"W

This notice affects Electronic Navigational Chart: CA276367

DFO(6310553-02)

**4379 - Liverpool Harbour - New Edition - 18-JUL-2003 - NAD 1983**

20-JAN-2023

LNMD. 30-SEP-2022

Affix patch

44°02'40.0"N 064°42'23.0"W

Download Patch - [https://www.notmar.gc.ca/chsftp/patches/4379\\_6310442\\_1\\_202212230759.pdf](https://www.notmar.gc.ca/chsftp/patches/4379_6310442_1_202212230759.pdf)

DFO(6310442-01)

**4381 - Mahone Bay - New Edition - 30-AUG-2019 - NAD 1983**

20-JAN-2023

LNMD. 26-FEB-2021

Amend FI(2) 10s to read FI(2) 5s against black, red and black isolated danger lighted can buoy, marked M  
(See Chart 1, Q130.4)  
This notice affects Electronic Navigational Chart: CA476199  
44°25'28.4"N 064°15'04.9"W  
(F2022059) LL(449.4) DFO(6310550-01)

**4405 - Pictou Island to / aux Tryon Shoals - New Edition - 21-FEB-2003 - NAD 1983**

06-JAN-2023

LNMD. 17-DEC-2021

Amend Oc 4s56ft12M to read LFI 6s59ft10M against light  
(See Chart 1, P16)  
This notice affects Electronic Navigational Chart: CA376161, CA476179, CA576177  
46°11'26.1"N 063°07'45.7"W  
(G2022159) LL(993) DFO(6310537-01)

**4460 - Charlottetown Harbour - New Edition - 09-DEC-2005 - NAD 1983**

06-JAN-2023

LNMD. 18-NOV-2022

Amend Oc 4s17m12M to read LFI 6s18m10M against light  
(See Chart 1, P16)  
This notice affects Electronic Navigational Chart: CA376161, CA476179, CA576177  
46°11'26.1"N 063°07'45.7"W  
(G2022159) LL(993) DFO(6310537-01)

**4466 - Hillsborough Bay - New Edition - 21-MAR-2003 - NAD 1983**

06-JAN-2023

LNMD. 05-AUG-2022

Amend Oc 4s56ft12M to read LFI 6s59ft10M against light  
(See Chart 1, P16)  
This notice affects Electronic Navigational Chart: CA376161, CA476179, CA576177  
46°11'26.1"N 063°07'45.7"W  
(G2022159) LL(993) DFO(6310537-01)

**4509 - Cape Norman Bay and / et Cooks Harbour - New Edition - 06-JUN-2003 - Unknown**

13-JAN-2023

LNMD. 18-MAR-2022

Add red starboard hand lighted pillar buoy FI R, marked XC2  
(See Chart 1, Qb)  
This notice affects Electronic Navigational Chart: CA376094  
51°37'53.1"N 055°50'26.4"W  
(N2022294) LL(233.14) DFO(6310535-01)

**4509 - Pistolet Bay - New Edition - 06-JUN-2003 - Unknown**

13-JAN-2023

LNMD. 18-MAR-2022

Add red starboard hand lighted pillar buoy FI R, marked XC2  
(See Chart 1, Qb)  
This notice affects Electronic Navigational Chart: CA376094  
51°37'53.0"N 055°50'26.7"W  
(N2022294) LL(233.14) DFO(6310535-01)

**4652 - Corner Brook - New Edition - 29-MAY-2015 - NAD 1983**

06-JAN-2023

LNMD. 26-AUG-2022

Add depth of 9.4 metres  
(See Chart 1, I10)  
This notice affects Electronic Navigational Chart: CA576592  
48°57'38.3"N 057°56'30.2"W  
DFO(6310531-01)

Delete depth of 9.7 metres  
(See Chart 1, I10)  
This notice affects Electronic Navigational Chart: CA576592  
48°57'39.5"N 057°56'29.0"W  
DFO(6310531-02)

Add	depth of 9.6 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA576592	48°57'39.8"N 057°56'29.4"W  <i>DFO(6310531-03)</i>
Reposition	black, yellow and black East cardinal lighted spar buoy Q(3) 10s, marked XCB (See Chart 1, Q130.3) This notice affects Electronic Navigational Chart: CA576592	from 48°57'30.6"N 057°57'02.6"W to 48°57'33.1"N 057°57'02.6"W  <i>(N2022292) LL(194.8) DFO(6310533-01)</i>
<b>4864 - Black Island to / à Little Denier Island - New Chart - 25-AUG-2006 - NAD 1983</b>		
13-JAN-2023		LNM/D. 07-OCT-2022
Amend	DDL1 to read DBT7 against green port hand lighted spar buoy FI G (See Chart 1, Qc) This notice affects Electronic Navigational Chart: CA476639, CA576601	49°31'55.3"N 054°58'36.5"W  <i>(N2022302) LL(361.08) DFO(6310544-01)</i>
Amend	DDL2 to read DBT6 against red starboard hand lighted spar buoy FI R. (See Chart 1, Qb) This notice affects Electronic Navigational Chart: CA476639, CA576601	49°31'55.8"N 054°58'37.1"W  <i>(N2022303) LL(361.09) DFO(6310545-01)</i>
<b>4935 - Murray Harbour to/à Boughton Bay - New Chart - 18-JAN-2019 - NAD 1983</b>		
06-JAN-2023		LNM/D. 18-NOV-2022
Add	green port hand lighted spar buoy FIG, marked NH45 (See Chart 1, Qc) This notice affects Electronic Navigational Chart: CA476490	46°09'58.4"N 062°38'30.5"W  <i>(G2022160) LL(957.9) DFO(6310552-01)</i>
<b>5024 - Nunaksaluk Island to / à Cape Kiglapait - New Chart - 27-JAN-2006 - NAD 1983</b>		
20-JAN-2023		LNM/D. 09-DEC-2022
Delete	green port hand lighted spar buoy FI G, marked NNA3 (See Chart 1, Qc) This notice affects Electronic Navigational Chart: CA276652, CA376050	56°25'23.2"N 061°07'09.5"W  <i>(N2022299) LL(324.65) DFO(6310541-01)</i>
Add	green port hand lighted pillar buoy Q G, marked NNA3 (See Chart 1, Qc) This notice affects Electronic Navigational Chart: CA276652, CA376050	56°25'23.2"N 061°07'09.5"W  <i>(N2022299) LL(324.65) DFO(6310541-02)</i>
<b>5052 - Seniartlit Islands to / à Nain - New Edition - 24-NOV-2017 - NAD 1983</b>		
20-JAN-2023		LNM/D. 09-DEC-2022
Delete	green port hand lighted spar buoy FI G, marked NNA3 (See Chart 1, Qc) This notice affects Electronic Navigational Chart: CA276652, CA376050	56°25'22.9"N 061°07'10.2"W  <i>(N2022299) LL(324.65) DFO(6310541-01)</i>
Add	green port hand lighted pillar buoy Q G, marked NNA3 (See Chart 1, Qc) This notice affects Electronic Navigational Chart: CA276652, CA376050	56°25'22.9"N 061°07'10.2"W  <i>(N2022299) LL(324.65) DFO(6310541-02)</i>

Amend FI G to read Q G against green port hand lighted spar buoy, marked NNB3  
(See Chart 1, Qc)  
This notice affects Electronic Navigational Chart: CA376050  
56°27'09.6"N 061°33'58.2"W  
(N2022300) LL(324.71) DFO(6310542-01)

**5134 - Approaches to / Approches à Cartwright: Black Island to / à Tumbledown Dick Island - New Edition - 13-SEP-2002 - NAD 1983**

13-JAN-2023 LNM/D. 19-AUG-2022  
Delete red starboard hand lighted spar buoy FI R, marked NCD2  
(See Chart 1, Qb)  
This notice affects Electronic Navigational Chart: CA476494  
53°42'35.6"N 057°06'17.4"W  
(N2022298) LL(284.45) DFO(6310540-01)

**5138 - Sandwich Bay - New Edition - 17-APR-1998 - NAD 1983**

13-JAN-2023 LNM/D. 30-SEP-2022  
Delete red starboard hand lighted spar buoy FIR, marked NCD2  
(See Chart 1, Qb)  
This notice affects Electronic Navigational Chart: CA476494  
53°42'35.4"N 057°06'16.9"W  
(N2022298) LL(284.45) DFO(6310540-01)

**6037 - Iron Island to/à West Bay - New Edition - 17-JUN-2005 - NAD 1983**

20-JAN-2023  
Delete front range/leading light FR 7m, FI R  
(See Chart 1, P20.2)  
46°19'11.0"N 079°58'05.0"W  
(D2022056) LL(1442) DFO(6604977-01)  
Delete rear range/leading light FR 10m with leading line and bearings 128½° - between 46°19'11.6"N 079°58'04.8"W  
308½° and 46°18'25.2"N 079°56'41.2"W  
(See Chart 1, P20.2, Pa)  
(D2022057) LL(1443) DFO(6604978-01)  
Delete green port hand lighted spar buoy FI G, marked AA1  
(See Chart 1, Qc)  
46°18'30.0"N 079°56'50.2"W  
(D2022058) LL(1441) DFO(6604979-01)  
Add green port hand lighted pillar buoy Q G, marked AA1  
(See Chart 1, Qc)  
46°18'33.8"N 079°57'02.3"W  
(D2022058) LL(1441) DFO(6604979-02)  
Delete green port hand spar buoy, marked A3  
(See Chart 1, Qc)  
46°18'52.9"N 079°57'32.6"W  
(D2022061) DFO(6604982-01)  
Add green port hand lighted spar buoy FI G, marked A3  
(See Chart 1, Qc)  
46°18'52.7"N 079°57'30.6"W  
(D2022061) LL(1441.1) DFO(6604982-02)  
Delete red starboard hand spar buoy, marked A4  
(See Chart 1, Qb)  
46°18'54.1"N 079°57'30.8"W  
(D2022062) DFO(6604983-01)  
Add red starboard hand lighted spar buoy FI R, marked A4  
(See Chart 1, Qb)  
46°18'54.1"N 079°57'28.1"W  
(D2022062) LL(1441.2) DFO(6604983-02)  
Delete green port hand spar buoy, marked A5  
(See Chart 1, Qc)  
46°19'04.0"N 079°57'51.9"W  
(D2022063) DFO(6604984-01)

Add	green port hand lighted spar buoy FI G, marked A5 (See Chart 1, Qc)	46°19'03.2"N 079°57'50.7"W  (D2022063) LL(1441.3) DFO(6604984-02)
Amend	red starboard hand spar buoy, marked A6 to read red starboard hand lighted spar buoy FI R, marked A6 (See Chart 1, Qb)	46°19'04.1"N 079°57'49.9"W  (D2022064) DFO(6604985-01)
Add	green port hand spar buoy, marked A7	46°19'11.3"N 079°58'13.6"W (D2022065) DFO(6604986-01)
 <b>8005 - Georges Bank - New Edition - 20-JUN-2003 - NAD 1983</b>		
20-JAN-2023		LNMD. 16-DEC-2022
Add	wreck Wk with known depth of 178 fathoms (See Chart 1, K26) This notice affects Electronic Navigational Chart: CA276367	42°22'43.6"N 067°14'29.4"W  DFO(6310553-02)
Delete	depth of 181 fathoms (See Chart 1, I10)	42°22'30.1"N 067°14'24.7"W  DFO(6310553-03)

## Section 3: Radio Aids to Marine Navigation Corrections

### \*112/23 Radio Aids to Marine Navigation 2023 (Atlantic, St. Lawrence, Great Lakes, Lake Winnipeg, Arctic and Pacific)

#### Page 5-15

#### AMEND AS FOLLOWS:

Officer / Officier :		Return to / Envoyer à : Daniel Huang / <del>Brent Tompkins</del> Brennan Allen Weather Service Programs / Programmes du service météorologique National Service Operations / Services opérationnels nationaux Meteorological Service of Canada / Service météorologique du Canada Environment and Climate Change Canada / Environnement et Changement climatique Canada P.O. Box / Case Postale 370 Gander, NL A1V 1W7 Fax / Télécopieur : 709-256-6627 Email / Courriel : <a href="mailto:Daniel.Huang@ec.gc.ca">Daniel.Huang@ec.gc.ca</a> / <del><a href="mailto:Brent.Tompkins@ec.gc.ca">Brent.Tompkins@ec.gc.ca</a></del> <a href="mailto:Brennan.Allen@ec.gc.ca">Brennan.Allen@ec.gc.ca</a>
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#### AMEND AS FOLLOWS:

\* Note: Winnipeg, Riverton and Long Point provide continuous broadcast of marine weather forecasts and warnings for the Manitoba Lakes, and of marine weather observations when available. Further information regarding Weatheradio network can be obtained via the Internet at <http://www.ec.gc.ca/meteo-weather/default.asp?lang=En&n=792F2D20-1>,  
<https://www.canada.ca/en/environment-climate-change/services/weatheradio.html>.

## Section 4: Canadian Sailing Directions Corrections

The following **Canadian Sailing Directions** volumes have recently been updated on the [Canadian Hydrographic Service website](#).

No.	Title
<b>Atlantic Coast</b>	
<b>ATL101</b>	Newfoundland, Northeast and East Coasts
<b>ATL102</b>	Newfoundland, East and South Coasts
<b>ATL103</b>	Newfoundland, Southwest Coast
<b>ATL109</b>	Gulf of St. Lawrence (Northeast Portion)
<b>ATL120</b>	Labrador, Camp Islands to Hamilton Inlet (including Lake Melville)
<b>Pacific Coast</b>	
<b>PAC201</b>	Juan de Fuca Strait and Strait of Georgia
<b>PAC202</b>	Discovery Passage to Queen Charlotte Strait and West Coast of Vancouver Island
<b>PAC205</b>	Inner Passage – Queen Charlotte Sound to Chatham Sound
<b>PAC206</b>	Hecate Strait, Dixon Entrance, Portland Inlet and Adjacent Waters and Haida Gwaii
<b>Northern Canada</b>	
<b>ARC403</b>	Western Arctic

Each volume includes a section entitled “Record of Changes” which lists all updates that are incorporated during the current calendar year.

## Section 5: List of Lights, Buoys and Fog Signals Corrections

The amendments are highlighted and deletions are crossed out. For general and region-specific information on the List of Lights, click on the following links: [Newfoundland and Labrador Coast](#), [Atlantic Coast](#), [Inland Waters](#) and [Pacific Coast](#).

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
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### NEWFOUNDLAND AND LABRADOR COAST

#### PLACENTIA BAY (LL 14.4 – 79)

55.4	Baine Harbour light buoy PJ4	47 21 39.5 054 53 24.4	Fl R 4s	.....	.....	Red spar, marked "PJ4".	Seasonal (in place year round).  Chart:4615 Edn 01/23 (N22-301)
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#### WEST COAST (LL 173 – 208.2)

194.8	Corner Brook East Cardinal light buoy XCB	48 57 33.1 057 57 02.6	Q(3) W 10s	.....	.....	Black, yellow and black spar, marked "XCB".	Operates 24 h. Year round.  Chart:4652 Edn 01/23 (N22-292)
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#### STRAIT OF BELLE ISLE (LL 211 – 234)

216.12	St Barbe Inner light buoy XB3	At St Barbe entrance. 51 12 23.3 056 46 15.1	Fl G 4s	.....	.....	Green spar, marked "XB3".	Seasonal.  Chart:4667 Edn 01/23 (N22-296)
216.13	Harbour Point light buoy XB4	At St Barbe entrance. 51 12 24.5 056 46 24.2	Fl R 4s	.....	.....	Red spar, marked "XB4".	Seasonal.  Chart:4667 Edn 01/23 (N22-297)
233.14	Norman Rock light buoy XC2	51 37 29.0 055 49 51.1	Fl R 4s	.....	.....	Red, marked "XC2".	Operates 24 h. Seasonal.  Chart:4509 Edn 01/23 (N22-294)

#### NEWFOUNDLAND AND LABRADOR COAST (LL 269.99 – 325.23)

284.4	Crab Head light buoy NC2	53 44 49.6 056 55 03.3	Fl R 4s	.....	.....	Red spar, marked "NC2".	Operates 24 h. Seasonal.  Chart:5138 Edn 01/23 (N22-293)
284.45	Divers Island light buoy NCD2						Delete from list.  Chart:5138 Edn 01/23 (N22-298)
324.65	Amushavik Islet light buoy NNA3	W. of Sandy Island. 56 25 22.9 061 07 10.3	Q G 1s	.....	.....	Green spar, marked "NNA3".	Seasonal.  Chart:5052 Edn 01/23 (N22-299)
324.71	The Bridges Passage light buoy NNB3	56 27 09.6 061 33 58.2	Q G 1s	.....	.....	Green spar, marked "NNB3".	Seasonal.  Chart:5052 Edn 01/23 (N22-300)



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No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
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**NOTRE DAME BAY (LL 326 – 395)**

361.08	Western Rock # 1 light buoy <b>DBT7</b>	49 31 55.3 054 58 36.5	Fl G 4s	.....	.....	Green spar, marked "DBT7".	<b>Fl 0.5s Ec 3.5s.</b> Seasonal.  Chart:4864 <b>Edn 01/23 (N22-302)</b>
361.09	Western Rock # 2 light buoy <b>DBT6</b>	49 31 55.8 054 58 37.1	Fl R 4s	.....	.....	Red spar, marked "DBT6".	<b>Fl 0.5s Ec 3.5s.</b> Seasonal.  Chart:4864 <b>Edn 01/23 (N22-303)</b>

**CONCEPTION BAY (LL 471.7 – 498.5)**

491.58 H0473.5	St. Phillips Wharf Light	47 35 34.0 052 53 12.0	Fl G 5s	.....	4	Pipe tower. 2.6	<b>Flash 1 s; eclipse 4 s.</b> Seasonal.  Chart:4847 <b>Edn 01/23 (N22-305)</b>
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**ATLANTIC COAST**

**BAY OF FUNDY, N.B. – WEST (LL 5 – 114)**

98	<b>Lorneville</b> Approach light and bell buoy JA1	Off head. 45 11 12.8 066 08 18.0	Fl G 4s	.....	.....	Green, marked "JA1".	Year round.  Chart:4117 <b>Edn 01/23 (F22-025)</b>
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**NOVA SCOTIA, SOUTHWEST COAST (LL 271 – 300.5)**

274.22	Schooner <b>Passage</b> Rock light buoy NSE	<b>Tusket Islands.</b> 43 39 24.0 066 02 28.5	Fl(2) W 5s	.....	.....	Black, red and black, marked "NSE".	Year round.  Chart:4244 <b>Edn 01/23 (F22-057)</b>
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**NOVA SCOTIA, SOUTHEAST COAST (LL 327 – 684.02)**

353	<b>East Entrance</b> fairway light and whistle buoy SN	At E. entrance to harbour. 43 31 01.5 065 18 50.0	Mo(A) W 6s	.....	.....	Red and white vertical stripes, marked "SN".	Year round.  Chart:4241 <b>Edn 01/23 (F22-046)</b>
435.5	Lunenburg Bay <b>Isolated Danger</b> light buoy EF	44 19 56.5 064 13 22.6	Fl(2) W 5s	.....	.....	Black, red and black spar, marked "EF".	Year round.  Chart:4328 <b>Edn 01/23 (F22-058)</b>
449.4	Middle Patch light buoy M	<b>Mahone Bay.</b> 44 25 27.4 064 15 05.4	Fl(2) W 5s	.....	.....	Black, red and black, marked "M".	Year round.  Chart:4381 <b>Edn 01/23 (F22-059)</b>
532.5	Northwest Arm light buoy HQD	44 37 02.6 063 34 22.7	Fl(2) W 5s	.....	.....	Black, red and black, marked "HQD".	<b>Flash 0.3 s; eclipse 0.4 s;</b> <b>flash 0.3 s; eclipse 4 s.</b> Year round.  Chart:4202 <b>Edn 01/23 (F22-060)</b>

**PRINCE EDWARD ISLAND (LL 942 – 1084.7)**

957.9	Montague River light buoy NH45	46 09 58.4 062 38 30.5	Fl G 4s	.....	.....	Green spar, marked "NH45".	Seasonal.  Chart:4935 <b>Edn 01/23 (G22-160)</b>
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No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
993 H1008	Blockhouse Point	W. side of entrance to harbour. 46 11 26.1 063 07 45.7	LFi W 6s	18.3	10	White pyramidal tower with red upper portion. 12.6	Flash 2 s; eclipse 4 s. Operates 24 h. Year round.  Chart:4460 Edn 01/23 (G22-159)
<b>GULF OF ST. LAWRENCE (LL 1169.1 – 1426, 1477.5 – 1584)</b>							
1343 H1616	Inch Arran Point range	On the point. 48 03 39.4 066 21 03.4	Iso W 6s	13.7	11	White square tower, red upper portion, red vertical stripe. 10.9	Year round.
1343.1 H1616.1		286°45' 364.5 m from front.	F W .....	24.0	11	Square skeleton tower, white daymark with red vertical stripe. 9.9	Visible in line of range. Operates 24 h. Year round.  Chart:4426 Edn 01/23 (G22-158)
1411.5 1512.6	Scientific light buoy IML-14	Banc de l'Orphelin. 48 08 00.0 062 42 00.0	Fl(5) Y 20s	.....	.....	Yellow ODAS, marked "IML-14".	Seasonal.  Chart:4024 Edn 01/23 (Q22-087)

**INLAND WATERS**

**LAKE HURON (LL 768 – 813)**

794	Oliphant range	On crib. 44 43 49.5 081 16 52.8	F R .....	4.9	16	Cylindrical mast, white daymark with red vertical stripe. 4.8	Operates 24 h. Seasonal (in place year round).
795		058°08' 220.2 m from front.	F R .....	8.2	16	Cylindrical mast, white daymark with red vertical stripe. 7.6	Operates 24 h. Seasonal (in place year round).  Chart:2292 Edn 01/23 (D22-042, 044)
795.5	Howdenvale	On wharf. 44 49 15.9 081 18 16.3	Fl W 4s	5.9	2	Mast, white cylindrical daymark. 5.1	Seasonal (in place year round).  Chart:2292 Edn 01/23 (D22-069)

**GEORGIAN BAY (LL 814 – 982)**

825.2	Lion's Head Harbour light buoy TV2	44 59 23.9 081 14 51.5	Fl R 4s	.....	.....	Red spar, marked "TV2".	Seasonal.  Chart:2282 Edn 01/23 (D22-070)
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**LAKE NIPISSING (LL 1420 – 1441.4)**

1428	Beacon Island	NE. end of island. 46 09 31.5 079 33 45.0	Fl W 4s	10.5	5	Cylindrical mast, red and white rectangular daymark. 6.1	Seasonal.  Chart:6035 Edn 01/23 (D22-050)
1441	Sturgeon River light buoy AA1	Off entrance to river. 46 18 33.8 079 57 02.3	Q G 1s	.....	.....	Green spar, marked "AA1".	Seasonal (in place year round).  Chart:6037 Edn 01/23 (D22-058)

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No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
1441.1	Sturgeon River light buoy A3	W. side of the channel. 46 18 52.7 079 57 30.6	Fl G 4s	.....	.....	Green spar, marked "A3".	Seasonal (in place year round).  Chart:6037 Edn 01/23 (D22-061)
1441.2	Sturgeon River light buoy A4	46 18 54.1 079 57 28.1	Fl R 4s	.....	.....	Red spar, marked "A4".	Seasonal (in place year round).  Chart:6037 Edn 01/23 (D22-062)
1441.3	Sturgeon River light buoy A5	46 19 03.2 079 57 50.7	Fl G 4s	.....	.....	Green spar, marked "A5".	Seasonal (in place year round).  Chart:6037 Edn 01/23 (D22-063)
1441.4	Sturgeon River light buoy A6	46 19 04.3 079 57 49.3	Fl R 4s	.....	.....	Red spar, marked "A6".	Seasonal (in place year round).  Chart:6037 Edn 01/23 (D22-064)
1442	Sturgeon River range						Delete from list.
1443							Delete from list.  Chart:6037 Edn 01/23 (D22-056, 057)