



Fisheries and Oceans  
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Canadian  
Coast Guard

Garde côtière  
canadienne

# Notices to Mariners

**Edition No. 07/2021**  
July 30, 2021



Safety First, Service Always

## Monthly Eastern Edition

Canada 

Notices to Mariners – Monthly Eastern Edition  
Edition No. 07/2021

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<https://www.notmar.gc.ca/monthly-mensuel-fr.php> (French)

## 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 report chart discrepancies and/or corrections to the *Sailing Directions* booklets: Fill out the [Marine Information Reporting Form](#) and/or email [chsinfo@dfm-mpo.gc.ca](mailto:chsinfo@dfm-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 and *Sailing Directions* diagrams, can be obtained all together through the download of a single ZIP file.

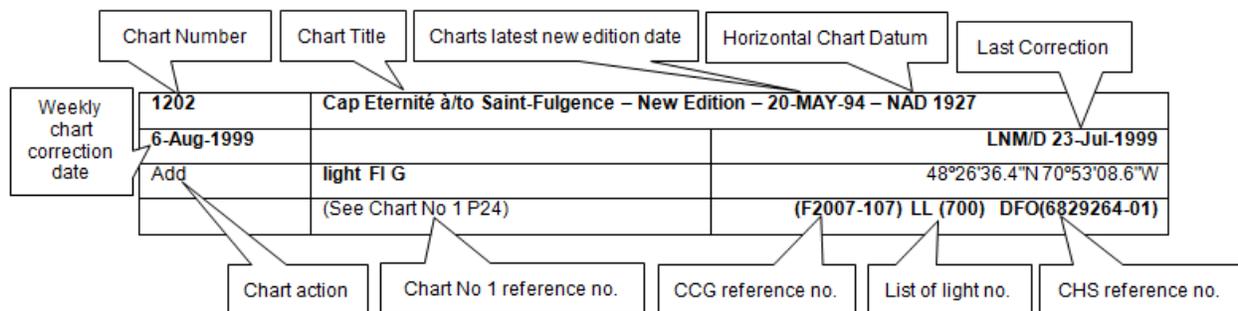
## Explanatory Notes – Canadian Hydrographic Service (CHS)

### 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 **LNMD** 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 2021*. 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 (NAVWARNs) should be kept until superseded by Notices to Mariners or through revised charts issued by the Canadian Hydrographic Service (CHS).

NAVWARNs 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 NAVWARNs</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 NAVWARNs</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 NAVWARNs</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 NAVWARNs</p> <p>Canadian Coast Guard P.O. Box 189 Iqaluit, NU X0A 0H0</p> <p><u>“A” Series NAVWARNs</u> Telephone: 867-979-5269</p> <p><u>“H” Series NAVWARNs</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.

## Table of Contents

<b>Section 1: General and Safety Information</b>	<b>1</b>
Canadian Coast Guard Publication – Comments and Suggestions on Notices to Mariners (NOTMAR) Publications.....	1
Transport Canada – COVID-19 Measures, Updates and Guidance.....	1
Canadian Hydrographic Service – Notices to Mariners for Changes in Buoy Shape .....	1
Gulf of St. Lawrence – Protection of the North Atlantic Right Whale .....	1
Saguenay–St. Lawrence Marine Park - Beluga Whale Protection: Slowdown Area at the Mouth of the Saguenay Fjord and Area Closure at Baie Sainte-Marguerite .....	8
Saguenay-St. Lawrence Marine Park and Surrounding Waters – Whale Protection.....	11
*701/21 Canadian Hydrographic Service – Nautical Charts.....	12
*702/21 Canadian Hydrographic Service – Electronic Navigational Charts.....	12
*703/21 Canadian Hydrographic Service – Raster Digital Charts (BSB V3).....	14
*704/21 Transport Canada – Ship Safety Bulletins #07, #08 and #09/2021.....	14
*705/21 Canadian Coast Guard Publication – Amendments to Notices to Mariners Annual Edition 2021 - Section C, Notice 27A: Guidelines for the Transit of Wide-Beam Vessels and Long Vessels.....	14
*706/21 East Point to / à Cape Bear – Unlit Buoys Permanently Established .....	14
<b>Section 1A: Temporary and Preliminary Notices</b>	<b>15</b>
Reminder – Comment Period for Active Preliminary Notices .....	15
*707(T)/21 Toronto Harbour – Drilling Operations.....	15
<b>Section 2: Chart Corrections</b>	<b>16</b>
<b>Section 3: Radio Aids to Marine Navigation Corrections</b>	<b>34</b>
*708/21 Radio Aids to Marine Navigation 2021 (Atlantic, St. Lawrence, Great Lakes, Lake Winnipeg, Arctic and Pacific).....	34
<b>Section 4: Sailing Directions and Small Craft Guide Corrections</b>	<b>39</b>
No corrections for this section. ....	39
<b>Section 5: List of Lights, Buoys and Fog Signals Corrections</b>	<b>40</b>

## 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
1550	<a href="#">15</a>	4463	<a href="#">27</a>		
2007	<a href="#">12</a>	4486	<a href="#">27</a>		
2019	<a href="#">12</a>	4679	<a href="#">15</a>		
2020	<a href="#">12</a>	4731	<a href="#">27</a>		
2069	<a href="#">12</a>	4847	<a href="#">27, 28</a>		
2085	<a href="#">15</a>	4905	<a href="#">28, 43</a>		
3475	<a href="#">12</a>	4909	<a href="#">42</a>		
4000	<a href="#">16</a>	4913	<a href="#">28, 42</a>		
4001	<a href="#">16</a>	4921	<a href="#">28, 29, 42</a>		
4006	<a href="#">16</a>	4938	<a href="#">29, 42</a>		
4020	<a href="#">16</a>	6419	<a href="#">29</a>		
4021	<a href="#">16</a>	6421	<a href="#">30</a>		
4023	<a href="#">16, 17</a>	6422	<a href="#">30</a>		
4024	<a href="#">17</a>	6423	<a href="#">30, 31</a>		
4025	<a href="#">17</a>	6424	<a href="#">31</a>		
4026	<a href="#">17</a>	6425	<a href="#">31, 32</a>		
4115	<a href="#">40</a>	6426	<a href="#">32</a>		
4118	<a href="#">40</a>	6427	<a href="#">32, 33</a>		
4142	<a href="#">18</a>				
4202	<a href="#">18, 41</a>				
4203	<a href="#">18, 19, 40, 41</a>				
4233	<a href="#">15</a>				
4234	<a href="#">15</a>				
4236	<a href="#">19, 20, 41</a>				
4237	<a href="#">12, 20</a>				
4240	<a href="#">20, 21</a>				
4241	<a href="#">21, 22, 23</a>				
4302	<a href="#">41</a>				
4385	<a href="#">15</a>				
4396	<a href="#">23, 24, 25</a>				
4403	<a href="#">14</a>				
4425	<a href="#">25, 42</a>				
4426	<a href="#">25, 42</a>				
4430	<a href="#">25, 26</a>				
4448	<a href="#">26, 27, 41, 42</a>				
4462	<a href="#">27</a>				

## Section 1: General and Safety Information

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### Canadian Coast Guard Publication – Comments and Suggestions on Notices to Mariners (NOTMAR) Publications

In an effort to continuously improve the Notices to Mariners publications and to provide the most efficient service possible, the Notices to Mariners team invites all mariners and other interested parties to submit comments and suggestions on possible improvements to its various publications and services at the following email address: [Notmar.XNCR@dfo-mpo.gc.ca](mailto:Notmar.XNCR@dfo-mpo.gc.ca).

### 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).

### Canadian Hydrographic Service – Notices to Mariners for Changes in Buoy Shape

(Recurrent publication of notice \*906/20, originally published in the *Notices to Mariners – Monthly Eastern Edition 09/2020* publication.)

As part of the CHS Digital Transformation and for the sake of economy, CHS will no longer systematically issue Notices to Mariners (NTM) for buoy shape changes only. These changes will, however, be applied to electronic navigation charts (ENCs) where applicable. The paper and raster versions will be updated during the New Edition process.

### Gulf of St. Lawrence – Protection of the North Atlantic Right Whale

(Recurrent publication of notice \*405/21, originally published in the *Notices to Mariners – Monthly Eastern Edition 04/2021* publication.)

#### Purpose

This notice describes the speed restriction zones that vessels must follow in the Gulf of St. Lawrence.

The Government of Canada has established these zones to reduce the risk of vessel collisions with North Atlantic right whales (NARW).

#### Context

Due to changing migration patterns of North Atlantic right whales and their increased presence in the Gulf of St. Lawrence, the Government of Canada has established seasonal speed restrictions in specific zones. These speed restriction zones are defined as “static zones”, “dynamic shipping zones”, “seasonal management areas”, a trial “voluntary speed restriction zone” and a “restricted area”. [See the map below for details](#).

Note: Navigational Warnings outlining the speed restrictions are considered to be Notices to Shipping, which vessels **must follow**. The *Interim Order for the Protection of North Atlantic Right Whales (Eubalaena Glacialis) in the Gulf of St. Lawrence, 2021* enables the issuance of Navigational Warnings (NAVWARNs) imposing speed restrictions or navigation restrictions.

Speed restriction zones are described in monthly Notices to Mariners (NOTMARs), which are published by the Canadian Coast Guard (CCG). The status of these zones are broadcast through NAVWARNs, which are published by the CCG's Marine Communications and Traffic Services (MCTS) Centres.

### **Changes to speed restriction zones and measures**

Based on consultations with industry and on scientific data, changes to the speed restriction zones will be effective from April 28, 2021, while the restricted area will be implemented based on whale presence:

- For a second consecutive year, a trial voluntary slowdown of 10.0 knots over the ground spanning from Cabot Strait (a line running from Cape North NS to Cape Ray NL) to the eastern edge of dynamic shipping zone E will be implemented at the beginning and end of the North Atlantic right whale season.
- Again this year, a restricted area located in and near Shediac Valley. The location and size are both based on historical data of North Atlantic right whale aggregations, while the triggering mechanism is based on in-season detections.
- As of this year, the 36.57 m (20-fathom) shallow water protocol will apply to all commercial fishing vessels.

Please refer to the latest NAVWARN issued by the CCG-MCTS for all speed restrictions currently in effect.

### **Speed Restriction Measures for 2021**

These restrictions will be in effect from **April 28 to November 15, 2021**.

### **Exemption**

The following exemption will apply to all measures:

- A vessel in distress or providing assistance to a person or a vessel in distress.

### **Static zones**

In the static zones, **all** vessels above **13 m** in length overall (LOA) must proceed at a speed of not more than 10.0 knots over the ground.

### **Exceptions**

Air cushion vessels operated by or on behalf of the Government of Canada that are engaged in ice-clearing activities from April to June in and around Chaleur Bay are exempted when in operation.

### **36.57 m (20-fathom) shallow water protocol**

Vessels engaged in any commercial fishing activity may proceed at a safe operational speed in waters not more than 36.57 m (20 fathom) deep.

If a notice to fish harvesters states that at least one right whale has been detected within a static zone in waters that are not more than 36.57 m deep, the 10 knots speed limit will apply to all vessels above 13 m in length overall (LOA) 15 days after the day on which the notice comes into effect.

If a new notice to fish harvesters with the same statement is published or broadcast during the last seven days of the 15-day period, the speed limit will continue to apply for a further 15 days after the day on which the new notice comes into effect.

**Coordinates for the northern static zone:**

- 50° 20' N 065° 00' W
- 49° 13' N 065° 00' W
- 48° 40' N 064° 13' W
- 48° 40' N 062° 40' W
- 48° 03' N 061° 07.5' W
- 47° 58.1' N 061° 03.5' W
- 48° 00' N 061° 00' W
- 49° 04' N 061° 00' W
- 49° 04' N 062° 00' W
- 49° 43' N 063° 00' W
- 50° 20' N 063° 00' W

**Coordinates for the southern static zone:**

- 48° 40' N 065° 00' W
- 48° 40' N 062° 40' W
- 48° 03' N 061° 07.5' W
- 47° 58.1' N 061° 03.5' W
- 47° 10' N 062° 30' W
- 47° 10' N 065° 00' W

**Dynamic shipping zones**

There are five dynamic shipping zones (DSZ) located in the routing systems north and south of Anticosti Island: A, B, C, D and E

**Coordinates for the dynamic shipping zones:**

**Zone A**

- 49° 41' N, 065° 00' W
- 49° 20' N, 065° 00' W
- 49° 11' N, 064° 00' W
- 49° 22' N, 064° 00' W

**Zone B**

- 49° 22' N, 064° 00' W
- 49° 11' N, 064° 00' W
- 48° 48' N, 063° 00' W
- 49° 00' N, 063° 00' W

**Zone C**

- 49° 00' N, 063° 00' W
- 48° 48' N, 063° 00' W
- 48° 24' N, 062° 00' W
- 48° 35' N, 062° 00' W

**Zone D**

- 50° 16' N, 064° 00' W
- 50° 00' N, 064° 00' W
- 49° 56' N, 063° 00' W
- 50° 16' N, 063° 00' W

**Zone E**

- 48° 35' N 062° 00' W
- 48° 24' N 062° 00' W
- 48° 03' N 061° 07.5' W
- 47° 58.1' N 061° 03.5' W
- 48° 00' N 061° 00' W
- 48° 10.5' N 061° 00' W

When the Government of Canada detects a North Atlantic right whale in a dynamic shipping zone:

- All vessels will be notified via a NAVWARN; and
- Vessels above 13 m in length overall (LOA) must proceed at a speed of not more than 10.0 knots over the ground within that zone.

**Speed restrictions in the dynamic shipping zones**

The detection of North Atlantic right whales in one or more dynamic shipping zone(s), will trigger a speed restriction in the concerned zone(s). The speed restriction in the dynamic shipping zone(s) will be in effect for 15 days from the date of issuance of the NAVWARN. The speed restriction may be extended for an additional 15 days from the date that a new NAVWARN comes into effect, if North Atlantic right whales continue to be detected during the last 7 days of the 15-day slowdown period.

When a NAVWARN is issued implementing a speed restriction in one or more dynamic shipping zone(s), vessels above **13 m** in length (LOA) must not exceed a speed of 10.0 knots over the ground.

Within any zone that is not subject to a speed restriction, mariners may proceed at a safe operational speed. Mariners are encouraged to take into consideration the potential for their vessel striking North Atlantic right whales when considering a “safe operational speed” during navigation.

### Seasonal management areas

Seasonal management area 1 (SMA-1) and seasonal management area 2 (SMA-2) are speed restriction areas located north and south of dynamic shipping zone E, respectively.

Within seasonal management areas, vessels above **13 m** in length (LOA):

- must restrict their speed so as not to exceed 10.0 knots over the ground from April 28 to June 29, 2021; and
- are allowed to proceed at a safe operational speed from June 30 to November 15, 2021, unless a North Atlantic right whale is detected. If a whale is detected, a speed restriction of 10.0 knots over the ground will be triggered for 15 days from the date of issuance of the NAVWARN. The speed restriction may be extended for an additional 15 days from the date that a new NAVWARN comes into effect, if North Atlantic right whales continue to be detected during the last 7 days of the 15-day slowdown period.

#### Coordinates for the SMA-1:

- 49° 04' N 062° 00' W
- 49° 04' N 061° 00' W
- 48° 10.5' N 061° 00' W
- 48° 35' N 062° 00' W

#### Coordinates for the SMA-2:

- 48° 24' N 062° 00' W
- 48° 03' N 061° 07.5' W
- 47° 58.1' N 061° 03.5' W
- 47° 26.69' N 062° 00' W

### Restricted area

In the summer months, an important proportion of the total North Atlantic right whale population gathers for feeding and surface activity near the [Shediac Valley](#). Since this makes the North Atlantic right whale more susceptible to vessel collisions, a mandatory restricted area will be implemented in and near the [Shediac Valley](#) and will come into force once 80% of the restricted area is closed to fishing for the season as per [the Department of Fisheries and Oceans's right whale closure protocol](#). The restricted area will be lifted once the North Atlantic right whale detections decrease in the restricted area or at the latest on August 31, 2021.

The size and location of the area is determined based on historical detection data of North Atlantic right whales. All necessary details can be found in the Interim Order. Triggering and lifting of the restricted area will be communicated to mariners through a NAVWARN and notice to fish harvesters.

Vessels above **13 m** in length (LOA) will be required to:

- avoid the area unless they are part of the exceptions listed in the Interim Order;
- transit the area at a speed not exceeding 8.0 knots over the ground if they are included in the exception list.

The following exceptions will apply to the restricted area. Vessels listed can travel through the area at not more than 8.0 knots over the ground:

- A vessel being used for commercial fishing;
- A vessel being used for fishing under the authority of a licence issued under the Aboriginal Communal Fishing Licences Regulations;
- A vessel being used for research purposes on behalf of the Government of Canada
- A vessel being used as part of the Department of Fisheries and Oceans' Marine Mammal Response Program to assist a marine mammal or sea turtle in distress or to access or retrieve a deceased marine mammal or sea turtle;
- A vessel authorized by the Government of Canada to retrieve or identify the location of abandoned or lost fishing gear;
- A vessel involved in pollution response operations;
- A vessel avoiding immediate or unforeseen danger;

- A vessel being used to conduct geophysical or geotechnical surveys or related activities as part of a project, which the Minister of Fisheries and Oceans has reviewed, to lay electrical or communication cables;
- A vessel involved in research relating to right whales as part of a project that has received funding from the Government of Canada.

The following vessels can travel through the restricted area at a speed over 8.0 knots, but below 10.0 knots over the ground as required by the static speed restriction zone:

- A vessel being used by an employee of the Government of Canada or peace officer who is performing their duties.

The location and size of the restricted area will not be modified during the season.

**Coordinates for the restricted area:**

- 48°31.8' N 063°39.6' W
- 48°24.72' N 063°17.88' W
- 47°18.84' N 064°10.8' W
- 47°27.18' N 064°30.72' W

**Inclement weather exception**

Mariners will be notified in advance via a NAVWARN should the speed restriction status change in any zone or area, due to inclement weather.

Within any zone or area that is not subject to a speed restriction due to adverse weather conditions for example, mariners may proceed at a safe operational speed. Mariners are however encouraged to take into consideration the potential for their vessel striking North Atlantic right whales when considering a “safe operational speed” during navigation.

\*Non-excepted vessels are still prohibited from transiting through the restricted area.

**Trial voluntary slowdown in Cabot Strait**

To coincide with the North Atlantic right whales entering and exiting the Gulf of St. Lawrence in large numbers, a trial voluntary slowdown is being put in place for the second year in Cabot Strait from April 28 to June 29 2021, and from September 29 to November 15, 2021.

- During these periods, vessels above 13 m in length (LOA) are requested to voluntarily reduce their speed so as to not exceed 10.0 knots over the ground.

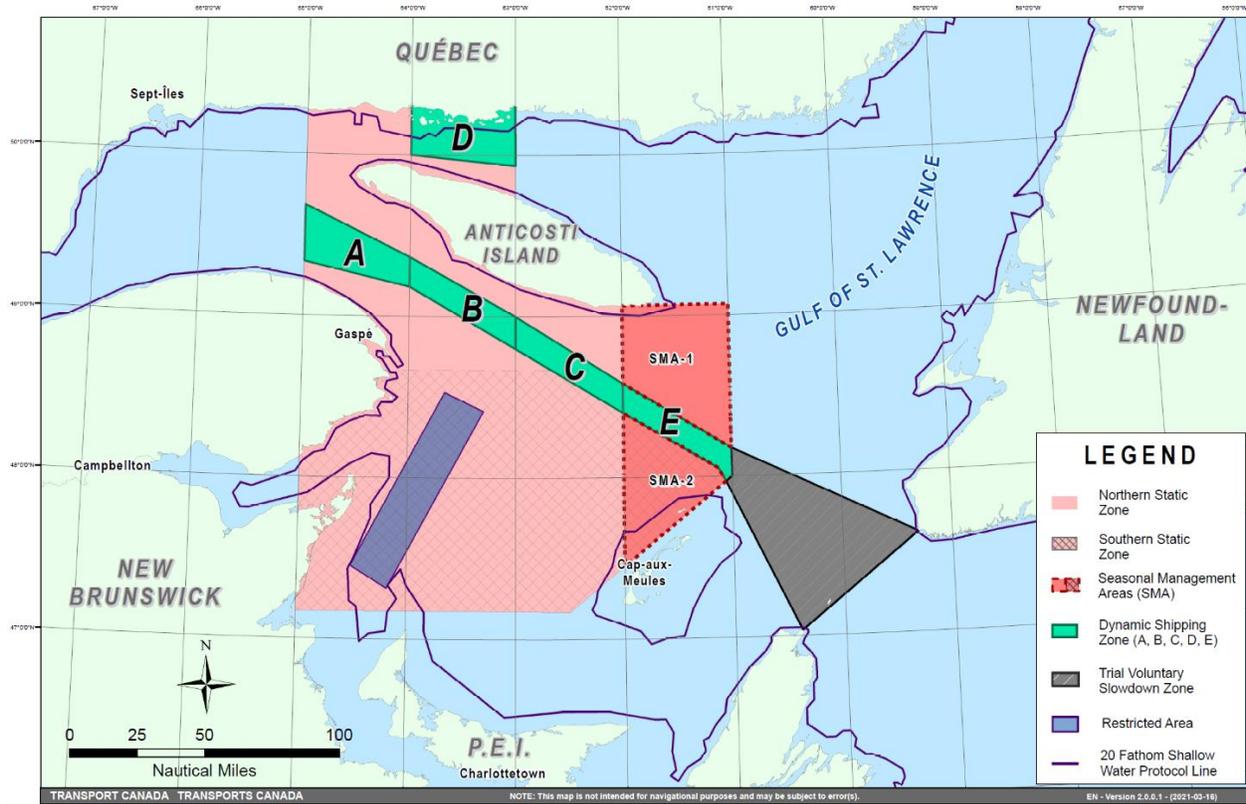
**Voluntary slowdown zone coordinates:**

- 48° 10.5' N 061° 00' W
- 47° 37.2' N 059° 18.5' W
- 47° 02' N 060° 23.7' W
- 47° 58.1' N 061° 03.5' W
- 48° 00' N 061° 00' W

**Map of the Gulf of St. Lawrence**

The following map shows

- the static zones, in pink;
- the dynamic shipping zones, in green;
- the seasonal management areas, in dark pink;
- the trial voluntary slowdown zone, in grey;
- the restricted area, in dark blue; and
- the 36.57 m (20 fathom) shallow water protocol line.



Map showing the two static zones (north and south), the five dynamic shipping zones (A, B, C, D and E), the seasonal management areas, the restricted area, the trial voluntary slowdown zone and the 36.57 m (20 fathom) shallow water protocol line.

This map is for visual representation only and is not to be used for navigation or enforcement.

### NAVWARN broadcasts

The CCG-MCTS issues and publishes NAVWARNs:

- by radio broadcast; and
- online at [Canada's Maritime Information Portal](#) and its [Navigational Warnings](#) site.

Mariners must ensure they have accurate and up-to-date information about the protection of the North Atlantic right whale, as in all applicable NOTMARs and NAVWARNs.

For the North Atlantic right whale speed restrictions, the NAVWARN(s) currently in effect will be provided to vessels subject to the *Vessel Traffic Services Zone Regulations* or the *Eastern Canada Vessel Traffic Services Zone Regulations*:

### Outbound vessels

- at Calling-in-Point 10 (St-Laurent); or
- upon a departure downstream from the Quebec pilot station (including the Saguenay River, Chaleur Bay, Miramichi Bay, etc.)

### Inbound vessels

- when a clearance to enter Canadian waters is granted

### **Vessels in transit**

- at the last reporting point prior to entering the mandatory speed restriction zones; and/or
- at 10 nautical miles prior to entering the mandatory speed restriction zones

For those vessels not subject to the above-mentioned regulations, vessel operators are required to monitor broadcasts by the Canadian Coast Guard's Marine Communications and Traffic Services (MCTS) network for the most up to date information. For marine radio frequencies and broadcast times, information may be found in the [Radio Aids to Marine Navigation](#) publication.

### **Aids to navigation**

The Canadian Coast Guard is currently testing virtual Automatic Identification System (AIS) aids to navigation (AIS AtoN) in specific areas, NOTMAR 208(T)/2021 refers. These aids notify mariners of a dynamic shipping zone and/or a seasonal management area subject to a speed restriction.

Each zone is delimited by four to six virtual AIS AtoN, which can be displayed on a ship's navigation equipment, such as

- Electronic Chart Display and Information System (ECDIS);
- Electronic Chart System (ECS);
- RADAR;
- Minimum Keyboard Display (MKD); and
- Electronic Nautical Chart (ENC).

The Canadian Coast Guard broadcasts the virtual AIS AtoN only when a speed restriction is in effect in one or more testing zones.

Mariners must select the virtual AIS AtoN symbol to view a message such as "SectA1 Spd Lim 10 kt." This message refers to a speed restriction in effect for a specific zone.

Note: This system is not the primary method of communicating this information.

### **Compliance and enforcement**

Vessels must comply with the Interim Orders made pursuant to the *Canada Shipping Act, 2001*, and any NAVWARNs broadcast and published by the Canadian Coast Guard relating to the Interim Orders, aimed at regulating the navigation for the purposes of protecting the North Atlantic right whales.

If a vessel does not comply with the Interim Orders or instructions in the NAVWARNs related to the Interim Orders, the vessel could face:

- administrative monetary penalties up to a maximum of CAN \$250,000; and/or
- penal sanctions under the *Canada Shipping Act, 2001*.

If a vessel appears to have violated the speed restriction, Transport Canada Marine Safety inspectors will review all information provided through AIS and seek an explanation from the master.

No exemptions to the speed restriction will be granted in advance. However, if a deviation from the speed restrictions is necessary for safety reasons, the following information must be entered into the bridge logbook:

- Reason(s) for deviation
- Speed at which vessel is operated
- Latitude and longitude at time of deviation
- Time and duration of deviation
- Master of the vessel shall sign and date the bridge logbook entry

For any deviation, Transport Canada will review and consider reasons such as

- Navigating to ensure vessel safety;
- Weather conditions;
- Force majeure (unforeseeable circumstances); and
- Responding to emergencies.

### **Report a North Atlantic right whale sighting**

When there is a North Atlantic right whale that is entangled, injured or dead, please report it to the nearest Canadian Coast Guard Marine Communications and Traffic Services Centre, or as follows:

#### **Southern part of the Gulf of St. Lawrence**

Marine Animal Response Society

Telephone: 1-866-567-6277

#### **Newfoundland and Labrador**

Whale Release and Strandings

Telephone: 1-888-895-3003

#### **For the Québec Sector**

Marine Mammal Emergencies

Telephone: 1-877-722-5346

#### **If live, free-swimming whales are sighted**

- Call 1-902-440-8611 (local) or 1-844-800-8568 (toll free)
- Email: [XMARWhalesightings@dfo-mpo.gc.ca](mailto:XMARWhalesightings@dfo-mpo.gc.ca)

**Please consult WhaleMap for the latest right whale observations:** <https://whalemap.ocean.dal.ca/>

### **Saguenay–St. Lawrence Marine Park - Beluga Whale Protection: Slowdown Area at the Mouth of the Saguenay Fjord and Area Closure at Baie Sainte-Marguerite**

(Recurrent publication of notice \*406/21, originally published in the *Notices to Mariners – Monthly Eastern Edition 04/2021* publication.)

The Saguenay–St. Lawrence Marine Park and its surrounding area are at the heart of endangered beluga whale critical summer habitat. Marine mammal protection measures have been put in place in accordance with the *Marine Activities in the Saguenay–St. Lawrence Marine Park Regulations* within the limits of the Marine Park.

However, important feeding, calving and rearing areas for beluga whales require greater protection to ensure the recovery of the species. The portion of the Saguenay situated between the mouth of the Fjord and Baie Sainte-Marguerite is one of the areas most used by females and their young from May to October. The mouth of the Saguenay is known as a feeding ground and Baie Sainte-Marguerite as a calving and rearing area.

In order to prevent collisions with beluga whales, a compulsory 15-knot slowdown area is in effect from May 1<sup>st</sup> to October 31<sup>st</sup> at the mouth of the Saguenay. To ensure tranquility for female belugas and their young during the critical calving period, access to Baie Sainte-Marguerite is prohibited to all vessels from June 21<sup>st</sup> to September 21<sup>st</sup>, except for special authorizations (see description below).

For safety reasons, *the slowdown area measure at the mouth of the Saguenay Fjord does not apply* to cargo ships (see the monthly edition of *Notices to Mariners* from May to October for voluntary protection measures in the St. Lawrence Estuary). An enhanced vigilance is, however, recommended to all navigators between the mouth of the Saguenay Fjord and Baie Sainte-Marguerite for the protection of beluga whales.

For more information on the Saguenay–St. Lawrence Marine Park, see notice 5C of the *Notices to Mariners Annual Edition 2021* or visit [marinepark.qc.ca](http://marinepark.qc.ca).

## **REGULATORY PROTECTION MEASURES — BELUGA WHALE**

### **Entire Marine Park Territory:**

- When beluga whales are less than half a nautical mile (926 metres) from a motorized vessel, the vessel must maintain a speed of between 5 and 10 knots.
- All vessels, including human-powered vessels (kayaks and canoes), must continue to move forward and maintain their heading.
- All vessels must maintain a minimum distance of 400 metres from beluga whales at all times.

For more information concerning the regulations, consult: [marinepark.ca/protect/#regulations](http://marinepark.ca/protect/#regulations).

### **Mouth of the Saguenay Fjord (Figure 1) — Slowdown Area (area crosshatched in red):**

- Maximum speed at the mouth of the Saguenay between buoys S7 and S8 and the ferry docks between Baie-Sainte-Catherine and Tadoussac is 15 knots from May 1st to October 31st.

### **Baie Sainte-Marguerite (Figure 2) — Area Closure (red area):**

- From June 21st to September 21st, vessels must not enter the red area, which follows a line between Cap Nord-Ouest and Cap Sainte-Marguerite.
- Special authorizations are granted only for kayaks, canoes and recreational fishermen who must travel without stopping along a corridor within 10 metres of the shore or in shallow areas.

## **VOLUNTARY PROTECTION MEASURES**

### **Baie Sainte-Marguerite sector (Figure 2) — Transit Area (area crosshatched in yellow):**

- From June 21st to September 21st, navigation in this area is recommended at a speed of between 5 and 10 knots without stopping.

The purpose of this transit area is to favour respect of the *Marine Activities in the Saguenay–St. Lawrence Marine Park Regulations*, since beluga whales are often present in the Baie Sainte-Marguerite sector.

## **INFORMATION**

All incidents, including collisions with whales, must be reported without delay by dialling 1-866-508-9888. For any other situation concerning a marine mammal that is either dead or in trouble, contact the emergency network at 1-877-722-5346, or use VHF channel 16.

Figure 1

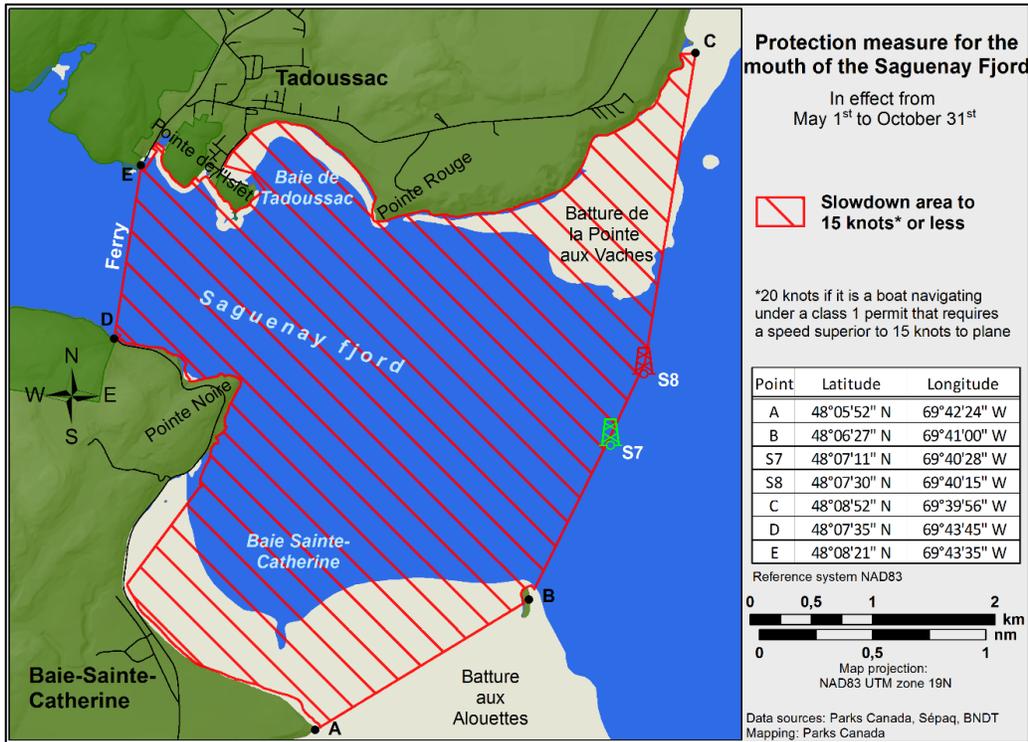
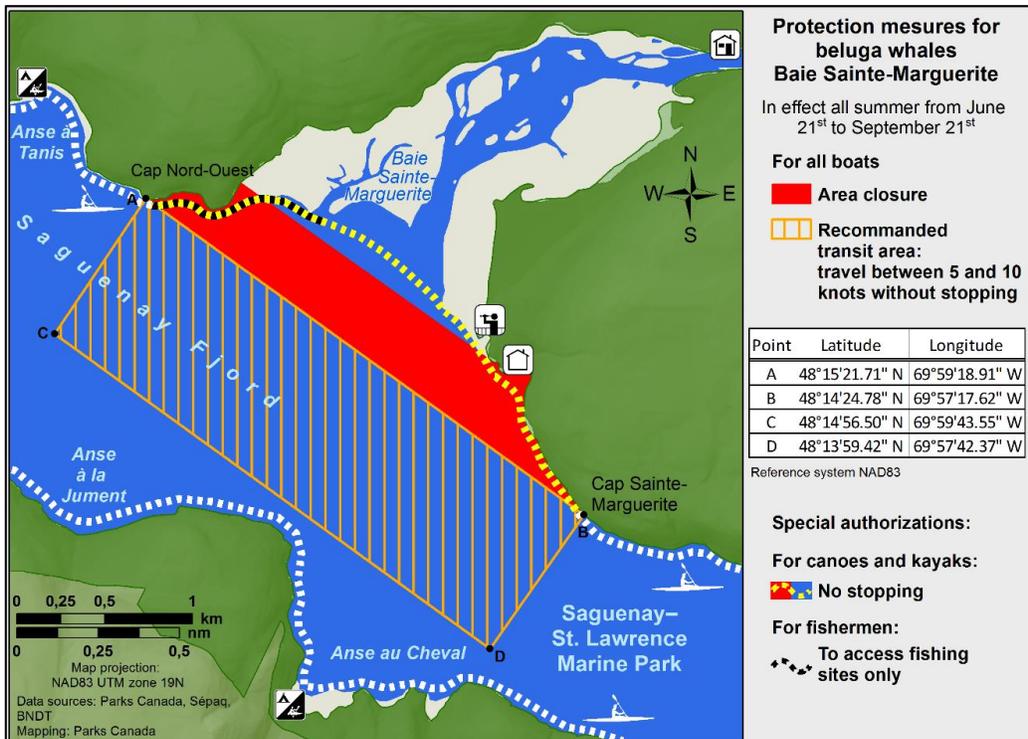


Figure 2



## **Saguenay-St. Lawrence Marine Park and Surrounding Waters – Whale Protection**

(Recurrent publication of notice \*407/21, originally published in the *Notices to Mariners – Monthly Eastern Edition 04/2021* publication.)

The waters in and around the Saguenay–St. Lawrence Marine Park are well known for the resident endangered beluga population and the wide diversity of whales that migrate there to feed, particularly between April and November.

### **REGULATORY PROTECTION MEASURES**

All whale species that are found in the St. Lawrence are protected under the *Marine Mammal Regulations*, pursuant to the *Fisheries Act*. Within the boundaries of the Marine Park, specific measures are set out in the *Marine Activities in the Saguenay–St. Lawrence Marine Park Regulations*, pursuant to the establishment of the *Saguenay–St. Lawrence Marine Park Act*. Any collision with a marine mammal within the Marine Park must immediately be reported to a park warden at 1-866-508-9888. For collisions that occur outside the Marine Park or for any situation involving a marine mammal that is dead or in trouble, contact the emergency network at 1-877-722-5346 or on VHF channel 16.

For more information on the Saguenay–St. Lawrence Marine Park, see notice 5C of the *Notices to Mariners Annual Edition 2021*.

### **VOLUNTARY PROTECTION MEASURES**

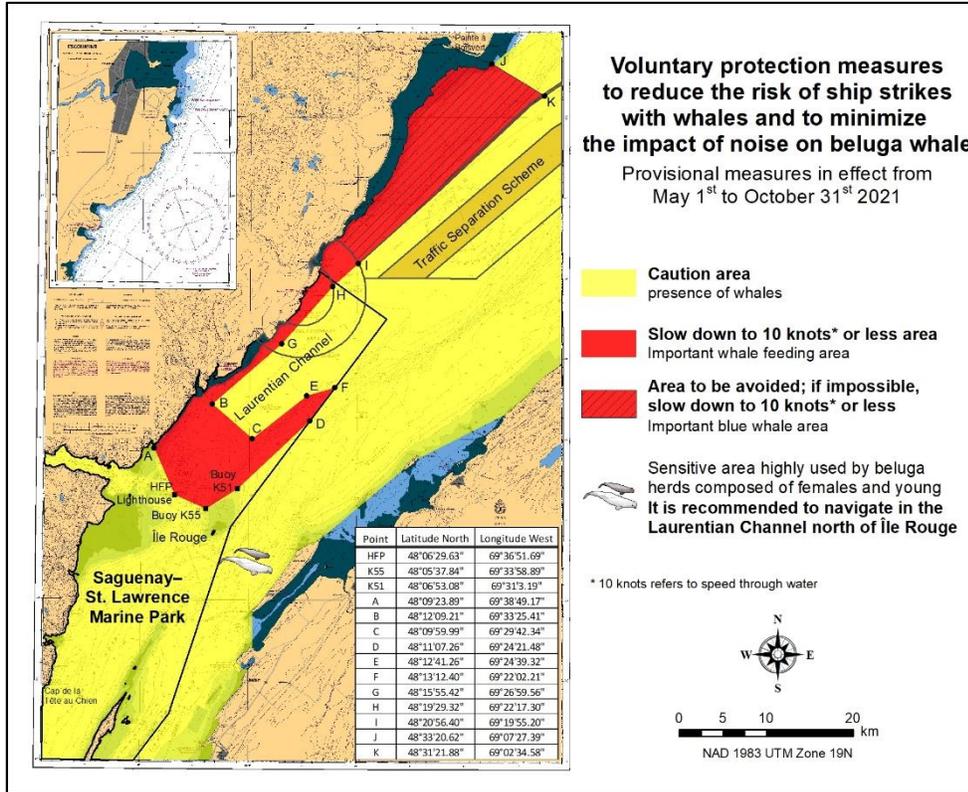
Provisional measures in effect from May 1 to October 31, 2021. See map at the end of this notice.

These measures apply to merchant vessels and cruise ships between Pointe à Boisvert and Cap de la Tête au Chien to prevent collisions with whales. These measures should only be taken when they will not jeopardize navigational safety.

**Caution area (yellow area):** To reduce the risk of collisions with whales that can be present anywhere in this area, heightened vigilance of navigators is critical. Posting a lookout is recommended in order to increase the chances of seeing the whales and thus taking necessary measures to avoid them. If bypassing the whales is not possible, slow down and wait for the animals to move away to a distance greater than 400 metres (0.215 nautical miles) before resuming original speed. It is more difficult to see the animals at night therefore increased caution is recommended.

**Slow down to 10 knots or less area (red area):** To reduce the risk of collisions with whales in this feeding area, it is recommended that vessels slow down to a maximum speed through the water of 10 knots and post a lookout. It is further recommended to remain in the Laurentian Channel to the north of Île Rouge to minimize the impact of noise in a sensitive area south of this island, which is highly frequented by herds of beluga whales composed of females and young.

**Area to be avoided (hatched red area):** To reduce noise and the risk of collisions with whales, vessels should avoid transiting through this area which is highly frequented by blue whales, an endangered species. If the area cannot be avoided, slow down to a speed through the water of 10 knots or less.



**\*701/21 Canadian Hydrographic Service – Nautical Charts**

Charts	Main Title	Scale	Published	Cat#	Price
<b>New Charts</b>					
2020	Belleville to/à Presqu'île Bay	1:30 000	2021-07-23	3	\$20.00
<b>New Editions</b>					
3475	Plans - Stuart Channel	1:18 000	2021-07-23	2	\$20.00
4237	Approaches to / Approches de Halifax Harbour	1:40 000	2021-07-23	1	\$20.00
<b>Charts Permanently Withdrawn</b>					
2007	Belleville to/à Telegraph Narrows	Cancelled by 2020, 2019			
2069	Picton to/à Presqu'île Bay	Cancelled by 2020, 2019			

**\*702/21 Canadian Hydrographic Service – Electronic Navigational Charts**

S-57 ENC Number	Chart Title	ENC Compilation Scale	Published
<b>New Charts</b>			
CA172005 (Edn 1.000)	Northern Portion Hudson Bay / Baie d'Hudson Partie Nord	1:500 000	2021-07-02
CA273528 (Edn 1.000)	Viscount Melville Sound	1:150 000	2021-07-02
CA473495 (Edn 1.000)	Belleville to/à Presqu'île Bay	1:15 000	2021-07-23
CA473542 (Edn 1.000)	Adolphus Reach to/à Big Bay	1:15 000	2021-07-23

S-57 ENC Number	Chart Title	ENC Compilation Scale	Published
CA571043 (Edn 1.000)	Alliford Bay (Part 1 of 4)	1:12 000	2021-07-16
CA571044 (Edn 1.000)	Alliford Bay (Part 2 of 4)	1:12 000	2021-07-16
CA571045 (Edn 1.000)	Alliford Bay (Part 3 of 4)	1:12 000	2021-07-16
CA571046 (Edn 1.000)	Alliford Bay (Part 4 of 4)	1:12 000	2021-07-16
CA576587 (Edn 1.000)	St. Barbe wharf and approaches	1:2 500	2021-07-16
CA576698 (Edn 1.000)	Charlottetown Public Wharf/Quai public	1:2 000	2021-07-26
CA576815 (Edn 1.000)	Long Cove	1:1 500	2021-07-26
CA576817 (Edn 1.000)	Petty Harbour	1:2 500	2021-07-26
CA576844 (Edn 1.000)	Happy Adventure	1:2 500	2021-07-26
CA676842 (Edn 1.000)	Wright Point, NS	1:1 000	2021-07-23
<b>New Editions</b>			
CA373473 (Edn 2.000)	Culbertson Island to/à Koojesse Inlet	1:37 500	2021-07-26
CA379028 (Edn 7.000)	Pointe de Moisie à/to Île du Grand Caoui	1:37 500	2021-07-02
CA470095 (Edn 6.000)	Jervis Inlet	1:25 000	2021-07-16
CA470218 (Edn 6.000)	Baynes Sound	1:20 000	2021-07-16
CA476009 (Edn 10.000)	Approaches to/Approches au Halifax Harbour	1:20 000	2021-07-30
CA570562 (Edn 7.000)	Victoria Harbour	1:2 500	2021-07-09
CA573387 (Edn 4.000)	Port de Valleyfield	1:2 500	2021-07-30
CA576010 (Edn 6.000)	Sambro Harbour	1:10 000	2021-07-30
<b>Charts Permanently Withdrawn</b>			
CA373295	Big Bay to Murray Canal	Cancelled by CA473495, CA473542	
CA473277	Upper Gap to/à Telegraph Narrows	Cancelled by CA473542, CA473276	
CA473437	Belleville to/à Telegraph Narrows	Cancelled by CA473495, CA473542	
CA479006	Baie des Sept-Îles	Cancelled by CA379028	
CA570198	Alliford Bay	Cancelled by CA571046, CA571044, CA571045	
CA570199	Queen Charlotte	Cancelled by CA571043	
CA576569	St. Barbe Wharf and Approaches/Quai et approches	Cancelled by CA576587	

**\*703/21 Canadian Hydrographic Service – Raster Digital Charts (BSB V3)**

Charts	Main Title	Scale	Published
<b>New Charts</b>			
RM-2020	Belleville to/à Presqu'île Bay	1:30 000	2021-07-23
<b>New Editions</b>			
RM-3475	Plans - Stuart Channel	1:18 000	2021-07-23
RM-4237	Approaches to / Approches de Halifax Harbour	1:40 000	2021-07-23
<b>Charts Permanently Withdrawn</b>			
RM-2007	Belleville to/à Telegraph Narrows	Cancelled by RM-2020, RM-2019	
RM-2069	Picton to/à Presqu'île Bay	Cancelled by RM-2020, RM-2019	

**\*704/21 Transport Canada – Ship Safety Bulletins #07, #08 and #09/2021**

New Ship Safety Bulletins have recently been posted on the [Transport Canada website](#).

To view or download these bulletins, please click on the links below:

[SSB#07/2021](#) – Regulatory Compliance and the Safe Transportation of Oil and Fuels  
RDIMS#17446720

[SSB#08/2021](#) – Measures to mitigate the spread of COVID-19 on passenger vessels and ferries  
RDIMS#17656933

[SSB#09/2021](#) – Coming into force: New Ballast Water Regulations  
RDIMS#7652656

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).

**\*705/21 Canadian Coast Guard Publication – Amendments to Notices to Mariners Annual Edition 2021 - Section C, Notice 27A: Guidelines for the Transit of Wide-Beam Vessels and Long Vessels**

Several amendments have been made throughout this notice. The latest version of this notice can be found at the following link: <https://www.notmar.gc.ca/publications/annual-annuel/section-c/c27a-en.pdf>.

**\*706/21 East Point to / à Cape Bear – Unlit Buoys Permanently Established**

Reference Chart: 4403

The following unlit buoys have been permanently established:

Aid Name	LL #	Position
Bay Fortune Entrance buoy NC11	5948.23	46° 19' 42.1"N 062° 20' 55.0"W
Graham's Pond buoy NP1	5960.05	46° 05' 46.3"N 062° 27' 04.2"W

(G2021-046, 049)

## 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="#">606(P)/21</a>	4679	211.15	Light Buoy to be Established
<b>Atlantic Coast</b>			
<a href="#">509(P)/21</a>	4385	513	Fog Signal to be Discontinued
<a href="#">607(P)/21</a>	4233	639.5, 639.55, 639.7, 639.8, 5640.09, 5640.12, 5640.13, 5640.2	Notice of Proposed Changes
<a href="#">608(P)/21</a>	4234	636.2, 5636.01, 5636.02	Notice of Proposed Changes
<b>Inland Waters</b>			
<a href="#">609(P)/21</a>	1550	1300, 1301	Range Lights to be Discontinued
<b>Other Preliminary Notices</b>			
<a href="#">614(P)/21</a>	N/A	N/A	Raster Navigational Charts 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

No notices applicable for this edition.

### Inland Waters

### Temporary Notices

#### \*707(T)/21 Toronto Harbour – Drilling Operations

Reference chart: 2085

Drilling operations are taking place 2 NM south of Ashbridges Bay, 24 hours per day since April 1<sup>st</sup> 2021. Tugs Ecosse and Wyatt, barges and a dive boat with divers are on scene.

Work area is marked by information and cautionary buoys. Mooring buoy located at 43° 37' 50.9"N 079° 18' 56.9"W.

(NW-C-0255-21)

### Preliminary Notices

No notices applicable for this edition.

## Section 2: Chart Corrections

### 4000 - Gulf of Maine to/à Baffin Bay / Baie de Baffin - New Edition - 25-JUL-2003 - NAD 1983

23-JUL-2021

LNMD. 02-OCT-2020

Delete obstruction, depth unknown  
(See Chart No. 1, K40)

41°09'00.0"N 070°35'57.0"W

*DFO(6309439-01)*

### 4001 - Gulf of Maine to Strait of Belle Isle / au Détroit de Belle Isle - New Edition - 01-DEC-1995 - NAD 1983

23-JUL-2021

LNMD. 23-APR-2021

Delete obstruction, depth unknown  
(See Chart No. 1, K40)

41°09'00.0"N 070°35'57.0"W

*DFO(6309439-01)*

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

23-JUL-2021

LNMD. 23-APR-2021

Delete obstruction, depth unknown  
(See Chart No. 1, K40)

41°09'00.0"N 070°35'57.0"W

*DFO(6309439-01)*

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

09-JUL-2021

LNMD. 25-SEP-2020

Add subsurface Ocean Data Acquisition System ODAS/SADO with known  
depth of 34 fathoms  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA376094

51°34'28.2"N 056°37'05.4"W

*DFO(6309414-02)*

### 4021 - Pointe Amour à / to Cape Whittle et / and Cape George - New Edition - 01-NOV-2002 - NAD 1983

09-JUL-2021

LNMD. 14-MAY-2021

Add subsurface Ocean Data Acquisition System ODAS/SADO with known  
depth of 55 fathoms  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA276138

50°59'35.4"N 058°24'00.6"W

*DFO(6309414-01)*

Delete subsurface Ocean Data Acquisition System ODAS/SADO with known  
depth of 49 fathoms  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA276138

49°11'25.0"N 058°47'12.0"W

*DFO(6309414-05)*

Add subsurface Ocean Data Acquisition System ODAS/SADO with known  
depth of 44 fathoms  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA276138

49°11'18.0"N 058°47'03.6"W

*DFO(6309414-06)*

### 4023 - Northumberland Strait / Détroit de Northumberland - New Edition - 27-DEC-2002 - NAD 1983

09-JUL-2021

LNMD. 26-FEB-2021

Amend 'AZMP-ESG' to read 'IML-12' against yellow ODAS/SADO lighted pillar  
buoy FI(5)Y  
(See Chart No. 1, Q58)  
This notice affects Electronic Navigational Chart: CA276286

46°48'00.0"N 062°00'00.0"W

*DFO(6309414-03)*

Reposition red and white fairway lighted pillar buoy Mo(A) from 46°27'09.2"N 062°44'21.6"W  
(See Chart No. 1, Qh) to 46°27'31.9"N 062°44'21.1"W  
This notice affects Electronic Navigational Chart: CA276286  
(G2021034)LL(1043.1)DFO(6309466-01)

**4024 - Baie des Chaleurs/Chaleur Bay aux/to Îles de la Madeleine - New Edition - 06-MAR-2015 - NAD 1983**

30-JUL-2021

LNMD. 21-MAY-2021

Add depth of 1 metre 0 decimetres 49°05'08.9"N 061°41'21.0"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA279043, CA379151  
DFO(6410622-06)

Delete depth of 7 metres 3 decimetres 49°12'48.4"N 061°44'20.9"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA279043, CA379151  
DFO(6410622-12)

Add depth of 3 metres 4 decimetres 49°13'00.5"N 061°44'38.3"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA279043, CA379151  
DFO(6410622-13)

**4025 - Cap Whittle à/to Havre-Saint-Pierre et/and Île d'Anticosti - New Edition - 28-MAR-2014 - NAD 1983**

30-JUL-2021

LNMD. 21-MAY-2021

Delete depth of 4 metres 6 decimetres 49°44'26.7"N 062°59'19.6"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA279043  
DFO(6410622-02)

Add depth of 3 metres 1 decimetre 49°44'26.2"N 062°59'23.3"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA279043  
DFO(6410622-03)

Add depth of 1 metre 0 decimetres 49°05'08.9"N 061°41'21.0"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA279043, CA379151  
DFO(6410622-06)

Delete depth of 7 metres 3 decimetres 49°12'48.4"N 061°44'20.9"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA279043, CA379151  
DFO(6410622-12)

Add depth of 3 metres 4 decimetres 49°13'00.5"N 061°44'38.3"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA279043, CA379151  
DFO(6410622-13)

**4026 - Havre Saint-Pierre et/and Cap des Rosiers à/to Pointe des Monts - New Edition - 23-MAY-2014 - NAD 1983**

30-JUL-2021

LNMD. 25-JUN-2021

Add depth of 8 metres 4 decimetres 49°47'30.4"N 064°26'37.9"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA279044  
DFO(6410622-04)

**4142 - Evandale to / à Ram Island - Sheet/Feuille 1 - New Edition - 01-NOV-1996 - NAD 1983**

30-JUL-2021

LNMD. 20-JUL-2018

Replace depth of 6.1 metres with depth of 3.7 metres 45°47'53.3"N 066°05'59.3"W  
(See Chart No. 1, I10)  
DFO(6309505-01)

**4202 - Halifax Harbour: Point Pleasant to / à Bedford Basin - New Edition - 26-FEB-2016 - NAD 1983**

30-JUL-2021

LNMD. 23-APR-2021

Delete legend BELL against red starboard hand lighted pillar buoy FI R, 44°37'39.4"N 063°32'54.0"W  
marked H22  
(See Chart No. 1, Qc)  
This notice affects Electronic Navigational Chart: CA576003  
(F2021029) LL(535) DFO(6309453-01)

Delete green port hand lighted pillar BELL buoy FI G, marked H19 44°36'58.1"N 063°33'08.9"W  
(See Chart No. 1, Qg)  
This notice affects Electronic Navigational Chart: CA576003  
(F2021030) LL(529) DFO(6309454-01)

Add green port hand lighted pillar buoy Q G, marked H19 44°37'00.2"N 063°33'06.4"W  
(See Chart No. 1, Qg)  
This notice affects Electronic Navigational Chart: CA576003  
(F2021030) LL(529) DFO(6309454-02)

Amend F R 18m15Mto read F R 18m18Magainstlight 44°36'50.5"N 063°32'11.1"W  
(See Chart No. 1, P16)  
This notice affects Electronic Navigational Chart: CA576003  
(F2021037) LL(528) DFO(6309460-01)

**4203 - Halifax Harbour: Black Point to / à Point Pleasant - New Edition - 28-DEC-2018 - NAD 1983**

30-JUL-2021

LNMD. 09-APR-2021

Delete black and yellow North cardinal lighted pillar buoy Q, marked HAD 44°36'39.8"N 063°32'49.9"W  
(See Chart No. 1, Q130.3)  
This notice affects Electronic Navigational Chart: CA576002  
(F2021020) LL(530) DFO(6309444-01)

Delete red starboard hand lighted pillar buoy FI R, marked HK4 44°35'50.3"N 063°32'33.6"W  
(See Chart No. 1, Qf)  
This notice affects Electronic Navigational Chart: CA576002  
(F2021021) LL(524.2) DFO(6309445-01)

Delete green port hand lighted pillar whistle buoy FI G, marked H9 44°34'28.4"N 063°32'07.5"W  
(See Chart No. 1, Qg)  
This notice affects Electronic Navigational Chart: CA576002  
(F2021022) LL(523) DFO(6309446-01)

Add green port hand lighted pillar buoy FI G, marked H9 44°34'19.0"N 063°32'10.8"W  
(See Chart No. 1, Qg)  
This notice affects Electronic Navigational Chart: CA576002  
(F2021022) LL(523) DFO(6309446-02)

Add green port hand lighted pillar buoy FI G, marked H11 44°34'58.8"N 063°32'15.1"W  
(See Chart No. 1, Qg)  
This notice affects Electronic Navigational Chart: CA576002  
(F2021023) LL(523.1) DFO(6309447-01)

Add	yellow, black and yellow West cardinal lighted pillar buoy Q(9) 15s, marked HKB (See Chart No. 1, Q130.3) This notice affects Electronic Navigational Chart: CA576002	44°35'50.0"N 063°32'33.8"W  (F202 1024) LL(524.3) DFO(6309448-01)
Add	yellow and black South cardinal lighted pillar buoy Q(6)+LFI 15s, marked HKC (See Chart No. 1, Q130.3) This notice affects Electronic Navigational Chart: CA576002	44°36'07.0"N 063°32'54.6"W  (F202 1025) LL(526.5) DFO(6309449-01)
Add	green port hand lighted pillar buoy FI G, marked HK17 (See Chart No. 1, Qg) This notice affects Electronic Navigational Chart: CA576002	44°36'21.3"N 063°33'17.6"W  (F202 1026) LL(526.6) DFO(6309450-01)
Add	yellow, black and yellow West cardinal lighted pillar buoy Q(9)15s, marked HKD (See Chart No. 1, Q130.3) This notice affects Electronic Navigational Chart: CA576002	44°36'35.2"N 063°32'59.6"W  (F202 1027) LL(526.7) DFO(6309451-01)
Add	green port hand lighted pillar buoy FI G, marked H17 (See Chart No. 1, Qg) This notice affects Electronic Navigational Chart: CA576002	44°36'41.2"N 063°32'49.6"W  (F202 1028) LL(527.5) DFO(6309452-01)
Delete	green port hand lighted pillar BELL buoy FI G, marked H19 (See Chart No. 1, Qg) This notice affects Electronic Navigational Chart: CA576003	44°36'58.1"N 063°33'08.9"W  (F202 1030) LL(529) DFO(6309454-01)
Add	green port hand lighted pillar buoy Q G, marked H19 (See Chart No. 1, Qg) This notice affects Electronic Navigational Chart: CA576003	44°37'00.2"N 063°33'06.4"W  (F202 1030) LL(529) DFO(6309454-02)
Amend	HK5 to read H15 against buoy (See Chart No. 1, Qf) This notice affects Electronic Navigational Chart: CA576002	44°36'11.3"N 063°32'33.6"W  (F202 1031) LL(525.2) DFO(6309455-01)
Amend	F R 18m15M to read F R 18m18M against light (See Chart No. 1, P16) This notice affects Electronic Navigational Chart: CA576003	44°36'50.5"N 063°32'11.1"W  (F202 1037) LL(528) DFO(6309460-01)

**4236 - Continuation A - New Edition - 13-JUL-2001 - NAD 1983**  
16-JUL-2021

LNMD. 25-DEC-2020

Add	marine farm (See Chart No. 1, K48.2) This notice affects Electronic Navigational Chart: CA476089	44°48'10.5"N 062°50'03.5"W  DFO(6309507-01)
Add	marine farm (See Chart No. 1, K48.2) This notice affects Electronic Navigational Chart: CA476089	44°48'34.4"N 062°50'26.7"W  DFO(6309507-02)

Add marine farm 44°48'29.8"N 062°51'57.5"W  
(See Chart No. 1, K48.2)  
This notice affects Electronic Navigational Chart: CA476089  
*DFO(6309507-03)*

**4237 - Approaches to / Approches de Halifax Harbour - New Edition - 28-MAY-2021 - World Geodetic System 1984**  
30-JUL-2021

Amend Q to read Q(9) 15s against yellow, black and yellow West cardinal lighted pillar buoy, marked HKB 44°35'50.0"N 063°32'33.8"W  
(See Chart No. 1, Q130.3)  
This notice affects Electronic Navigational Chart: CA476009  
*(F2021024) LL(524.3) DFO(6309448-02)*

Amend Fl G to read QG against green port hand lighted pillar buoy, marked H19 44°37'00.5"N 063°33'06.9"W  
(See Chart No. 1, Qg)  
This notice affects Electronic Navigational Chart: CA476009  
*(F2021030) LL(529) DFO(6309454-03)*

**4240 - Liverpool Harbour to / à Lockeport Harbour - New Chart - 06-OCT-1989 - NAD 1983**  
16-JUL-2021

Add depth of 2.6 metres LNMD. 09-APR-2021  
(See Chart No. 1, I10) 44°03'24.5"N 064°37'47.6"W  
This notice affects Electronic Navigational Chart: CA376045  
*DFO(6309504-01)*

Add depth of 1.9 metres 44°02'42.9"N 064°38'48.8"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA376045  
*DFO(6309504-02)*

Add depth of 8.7 metres 44°02'17.9"N 064°40'38.6"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA376045  
*DFO(6309504-03)*

Add depth of 3 metres 43°56'52.9"N 064°46'17.5"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA376045  
*DFO(6309504-04)*

Add depth of 2.5 metres 43°53'18.0"N 064°44'29.3"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA376045  
*DFO(6309504-06)*

Replace depth of 3.4 metres with depth of 0.6 metres 43°49'37.7"N 064°52'21.0"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA376045  
*DFO(6309504-07)*

Replace depth of 4 metres with a drying height of 0.1 metres 43°40'22.3"N 065°02'02.0"W  
(See Chart No. 1, I10, I15)  
This notice affects Electronic Navigational Chart: CA376045  
*DFO(6309504-08)*

Add depth of 5.8 metres 43°41'06.0"N 065°05'23.8"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA376045  
*DFO(6309504-09)*



Replace	depth of 3.7 metres with depth of 2.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376047	43°43'08.0"N 065°09'28.9"W  <i>DFO(6309500-03)</i>
Delete	depth of 3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376047	43°40'50.4"N 065°13'01.5"W  <i>DFO(6309500-04)</i>
Add	depth of 1.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376047	43°40'52.2"N 065°13'02.7"W  <i>DFO(6309500-05)</i>
Add	depth of 1.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376047	43°39'06.1"N 065°17'02.9"W  <i>DFO(6309500-06)</i>
Delete	depth of 2.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376047	43°32'54.5"N 065°21'50.5"W  <i>DFO(6309500-07)</i>
Add	depth of 1.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376047	43°32'56.3"N 065°21'50.7"W  <i>DFO(6309500-08)</i>
Replace	depth of 5.2 metres with depth of 3.4 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376047	43°31'18.4"N 065°35'14.5"W  <i>DFO(6309500-09)</i>
Delete	depth of 5.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376047	43°29'06.4"N 065°27'07.2"W  <i>DFO(6309500-10)</i>
Add	depth of 2.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376047	43°29'11.5"N 065°27'06.0"W  <i>DFO(6309500-11)</i>
Replace	depth of 5.5 metres with depth of 0.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376047	43°28'05.1"N 065°26'52.1"W  <i>DFO(6309500-12)</i>

Add	<p>note: WARNING Recent bathymetric surveys show the presence of shallower depths compared to what is presently charted. The shallower depths considered the most hazardous to navigation and within or near main shipping channels will be published in Notices to Mariners (WWW.NOTMAR.CA). Mariners are advised to exercise extreme caution, specifically when they navigate outside of the marked navigation channels.</p> <p>AVERTISSEMENT Des levés bathymétriques récents ont révélé la présence de profondeurs moindres que celles portées sur les cartes marines. Les profondeurs moindres les plus dangereuses pour la navigation et dans ou près des principales voies de navigation seront publiées dans les Avis aux navigateurs (WWW.NOTMAR.CA). Nous demandons aux navigateurs d'exercer la plus grande prudence, particulièrement lors de la navigation en dehors des voies de navigation balisées.</p> <p>This notice affects Electronic Navigational Chart: CA376047</p>	43°46'15.0"N 065°28'45.0"W	
			<i>DFO(6309500-13)</i>
<b>4396 - Annapolis Basin - New Edition - 16-JUL-2004 - NAD 1983</b>			
	09-JUL-2021		LNMD. 09-JUN-2017
Add	<p>depth of 5.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476006, CA576008</p>	44°38'02.8"N 065°45'02.3"W	
			<i>DFO(6309423-04)</i>
Add	<p>depth of 5.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476006, CA576008</p>	44°37'49.1"N 065°45'03.2"W	
			<i>DFO(6309423-16)</i>
<b>4396 - Digby - New Edition - 16-JUL-2004 - NAD 1983</b>			
	09-JUL-2021		LNMD. 09-JUN-2017
Add	<p>depth of 6.4 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008</p>	44°38'06.2"N 065°45'01.1"W	
			<i>DFO(6309423-01)</i>
Replace	<p>depth of 6.7 metres with depth of 6.4 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008</p>	44°38'04.1"N 065°44'59.1"W	
			<i>DFO(6309423-02)</i>
Delete	<p>depth of 6.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008</p>	44°38'02.9"N 065°45'01.8"W	
			<i>DFO(6309423-03)</i>
Add	<p>depth of 5.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476006, CA576008</p>	44°38'02.8"N 065°45'02.3"W	
			<i>DFO(6309423-04)</i>
Delete	<p>depth of 7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008</p>	44°38'03.1"N 065°44'57.3"W	
			<i>DFO(6309423-05)</i>

Add	depth of 6.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°38'02.9"N 065°44'57.0"W  <i>DFO(6309423-06)</i>
Delete	depth of 6.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'56.1"N 065°45'03.2"W  <i>DFO(6309423-07)</i>
Add	depth of 5.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'56.0"N 065°45'03.6"W  <i>DFO(6309423-08)</i>
Delete	depth of 7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'56.2"N 065°44'59.3"W  <i>DFO(6309423-09)</i>
Add	depth of 6.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'55.9"N 065°44'59.2"W  <i>DFO(6309423-10)</i>
Delete	depth of 6.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'55.1"N 065°45'03.8"W  <i>DFO(6309423-11)</i>
Delete	depth of 7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'52.1"N 065°45'03.4"W  <i>DFO(6309423-12)</i>
Add	depth of 6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'50.5"N 065°45'02.4"W  <i>DFO(6309423-13)</i>
Delete	depth of 7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'50.2"N 065°45'03.2"W  <i>DFO(6309423-14)</i>
Delete	depth of 7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'49.2"N 065°45'04.2"W  <i>DFO(6309423-15)</i>
Add	depth of 5.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476006, CA576008	44°37'49.1"N 065°45'03.2"W  <i>DFO(6309423-16)</i>
Delete	depth of 6.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'43.2"N 065°45'04.1"W  <i>DFO(6309423-17)</i>

Add	depth of 5.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'43.0"N 065°45'03.1"W  <i>DFO(6309423-18)</i>
Delete	depth of 6.4 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'42.3"N 065°45'03.2"W  <i>DFO(6309423-19)</i>
Delete	depth of 5.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'40.3"N 065°44'58.4"W  <i>DFO(6309423-20)</i>
Add	depth of 4.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'40.2"N 065°44'58.2"W  <i>DFO(6309423-21)</i>
Replace	depth of 0.1 metres with drying height of 2.4 metres (See Chart No. 1, I10, I15) This notice affects Electronic Navigational Chart: CA576008	44°37'32.3"N 065°45'02.1"W  <i>DFO(6309423-22)</i>
Add	depth of 6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA576008	44°37'51.2"N 065°45'03.9"W  <i>DFO(6309423-23)</i>
<b>4425 - St. Peters Bay - New Edition - 01-NOV-2002 - NAD 1983</b> 09-JUL-2021		LNMD. 23-APR-2021
Reposition	red and white fairway lighted pillar buoy Mo(A), marked JD (See Chart No. 1, Qh) This notice affects Electronic Navigational Chart: CA276286	from 46°27'09.2"N 062°44'21.6"W to 46°27'31.9"N 062°44'21.1"W  <i>(G2021034) LL(1043.1) DFO(6309466-01)</i>
<b>4426 - Dalhousie Harbour - New Edition - 02-AUG-2002 - NAD 1983</b> 23-JUL-2021		LNMD. 28-MAY-2021
Amend	Iso G 3s5M to read Iso G 4s5M against light (See Chart No. 1, P16)	48°04'20.2"N 066°21'51.5"W  <i>(G2021028) LL(1344) DFO(6309465-01)</i>
<b>4430 - Baie Naticotec - New Edition - 22-MAY-2015 - NAD 1983</b> 30-JUL-2021		LNMD. 25-JUN-2021
Add	drying height of 0 metres 2 decimetres (See Chart No. 1, I15) This notice affects Electronic Navigational Chart: CA279043	49°31'42.4"N 062°25'49.8"W  <i>DFO(6410622-01)</i>
<b>4430 - Pointe de l'Est - New Edition - 22-MAY-2015 - NAD 1983</b> 30-JUL-2021		LNMD. 25-JUN-2021
Delete	depth of 2 metres 7 decimetres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA379151	49°05'07.1"N 061°41'17.1"W  <i>DFO(6410622-05)</i>

Add	depth of 1 metre 0 decimetres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA279043, CA379151	49°05'08.9"N 061°41'21.0"W  <i>DFO(6410622-06)</i>
Delete	depth of 7 metres 3 decimetres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA379151	49°10'19.8"N 061°42'15.5"W  <i>DFO(6410622-07)</i>
Add	depth of 2 metres 5 decimetres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA379151	49°10'20.0"N 061°42'17.4"W  <i>DFO(6410622-08)</i>
Add	depth of 2 metres 6 decimetres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA379151	49°11'13.4"N 061°42'41.2"W  <i>DFO(6410622-09)</i>
Add	depth of 0 metres 8 decimetres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA379151	49°11'41.7"N 061°42'56.7"W  <i>DFO(6410622-10)</i>
Delete	depth of 5 metres 2 decimetres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA379151	49°12'58.0"N 061°44'41.9"W  <i>DFO(6410622-11)</i>
Delete	depth of 7 metres 3 decimetres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA279043, CA379151	49°12'48.4"N 061°44'20.9"W  <i>DFO(6410622-12)</i>
Add	depth of 3 metres 4 decimetres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA279043, CA379151	49°13'00.5"N 061°44'38.3"W  <i>DFO(6410622-13)</i>
<b>4448 - Port Hood - New Edition - 13-DEC-2002 - NAD 1983</b>		
23-JUL-2021		LNWD. 08-JAN-2021
Add	red and white fairway lighted pillar buoy Mo(A), marked VX (See Chart No. 1, Qh) This notice affects Electronic Navigational Chart: CA376242, CA576661	46°01'51.7"N 061°33'57.2"W  <i>(G2021037) LL(876.5) DFO(6309468-01)</i>
Add	green port hand lighted can buoy FI G, marked VK13 (See Chart No. 1, Qg) This notice affects Electronic Navigational Chart: CA576661	46°00'29.4"N 061°32'46.8"W  <i>(G2021040) LL(880.2) DFO(6309470-01)</i>
Add	green port hand lighted can buoy FI G, marked VK15 (See Chart No. 1, Qg) This notice affects Electronic Navigational Chart: CA576661	46°01'03.5"N 061°33'02.7"W  <i>(G2021041) LL(880.5) DFO(6309471-01)</i>
Add	red starboard hand lighted conical buoy FI R, marked VK16 (See Chart No. 1, Qf) This notice affects Electronic Navigational Chart: CA576661	46°01'03.8"N 061°33'01.8"W  <i>(G2021042) LL(880.6) DFO(6309472-01)</i>

Add	green port hand lighted can buoy FI G, marked VK17 (See Chart No. 1, Qg) This notice affects Electronic Navigational Chart: CA576661	46°01'04.9"N 061°33'04.0"W  (G2021067) LL(880.7) DFO(6309495-01)
Add	red starboard hand lighted conical buoy Q R, marked VK18 This notice affects Electronic Navigational Chart: CA576661	46°01'05.1"N 061°33'03.1"W  (G2021069) LL(880.8) DFO(6309497-01)
<b>4462 - St George's Bay - New Edition - 07-MAR-2003 - NAD 1983</b>		
23-JUL-2021		LNWD. 08-JAN-2021
Add	red and white fairway lighted pillar buoy Mo(A), marked VX (See Chart No. 1, Qh) This notice affects Electronic Navigational Chart: CA376242, CA576661	46°01'51.7"N 061°33'57.2"W  (G2021037) LL(876.5) DFO(6309468-01)
<b>4463 - Chéticamp to / à Cape Mabou - New Edition - 29-JUN-2018 - NAD 1983</b>		
23-JUL-2021		
Add	wreck, least depth unknown, PA (See Chart No. 1, K29, B7) This notice affects Electronic Navigational Chart: CA376249	46°38'59.4"N 061°28'00.6"W  DFO(6309438-01)
<b>4486 - Baie des Chaleurs / Chaleur Bay - New Edition - 19-FEB-1999 - NAD 1983</b>		
09-JUL-2021		LNWD. 18-DEC-2020
Add	depth of 5 fathoms over subsurface Ocean Data Acquisition System ODAS/SADO (See Chart No. 1, Ka, Ib)	48°23'20.4"N 064°29'31.8"W  DFO(6309414-04)
Reposition	red and white fairway lighted pillar buoy Mo(A), marked EA (See Chart No. 1, Qh) This notice affects Electronic Navigational Chart: CA376187, CA476275	from 47°55'14.2"N 064°40'29.7"W to 47°55'32.9"N 064°40'47.9"W  (G2021035) LL(1267) DFO(6309467-01)
16-JUL-2021		LNWD. 09-JUL-2021
Amend	Iso Y to read Iso G against light (See Chart No. 1, P16) This notice affects Electronic Navigational Chart: CA376187	48°05'59.5"N 066°07'49.1"W  DFO(6410469-02)
<b>4731 - Forteau Bay to / à Domino Run - New Edition - 13-JUN-2003 - Unknown</b>		
09-JUL-2021		LNWD. 25-JUN-2021
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 34 fathoms (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA376094	51°34'28.2"N 056°37'05.4"W  DFO(6309414-02)
<b>4847 - Conception Bay - New Edition - 03-AUG-2001 - NAD 1983</b>		
23-JUL-2021		LNWD. 23-APR-2021
Add	depth of 3.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376120	47°35'16.7"N 053°14'57.1"W  DFO(6309462-01)

Add	depth of 3.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376120	47°34'58.4"N 053°15'29.0"W  <i>DFO(6309462-02)</i>
Add	depth of 1.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376120	47°34'52.1"N 053°14'09.0"W  <i>DFO(6309462-03)</i>
Delete	depth of 11 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376120	47°35'00.3"N 053°14'01.8"W  <i>DFO(6309462-04)</i>
Add	depth of 8.2 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376120	47°34'58.7"N 053°14'02.7"W  <i>DFO(6309462-05)</i>
Add	depth of 6.4 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376120	47°35'02.3"N 053°13'56.2"W  <i>DFO(6309462-06)</i>
 <b>4847 - Port de Grave - New Edition - 03-AUG-2001 - NAD 1983</b>		
23-JUL-2021		LNMD. 23-APR-2021
Affix	patch Download Patch - <a href="https://www.notmar.gc.ca/chsftp/patches/4847_6309463_1_202106171352.pdf">https://www.notmar.gc.ca/chsftp/patches/4847_6309463_1_202106171352.pdf</a> This notice affects Electronic Navigational Chart: CA576124	47°35'12.0"N 053°12'38.0"W  <i>DFO(6309463-01)</i>
 <b>4905 - Cape Tormentine à / to West Point - New Edition - 29-DEC-2000 - NAD 1983</b>		
16-JUL-2021		LNMD. 26-FEB-2021
Add	green port hand lighted spar buoy FI G, marked XW1 (See Chart No. 1, Qg) This notice affects Electronic Navigational Chart: CA376076	46°32'21.5"N 064°41'34.3"W  <i>(G2021043) LL(1126.1) DFO(6309473-01)</i>
Add	red starboard hand lighted spar buoy FI R, marked XW2 (See Chart No. 1, Qf) This notice affects Electronic Navigational Chart: CA376076	46°32'25.6"N 064°41'40.6"W  <i>(G2021044) LL(1126.2) DFO(6309474-01)</i>
 <b>4913 - Caraquet Harbour, Baie de Shippegan and / et Miscou Harbour - New Chart - 07-AUG-1992 - NAD 1983</b>		
09-JUL-2021		LNMD. 11-JUN-2021
Reposition	red and white fairway lighted pillar buoy Mo(A), marked EA (See Chart No. 1, Qh) This notice affects Electronic Navigational Chart: CA376187, CA476275	from 47°55'10.2"N 064°40'27.6"W to 47°55'32.9"N 064°40'47.9"W  <i>(G2021035) LL(1267) DFO(6309467-01)</i>
 <b>4921 - Carleton - New Edition - 02-DEC-2016 - NAD 1983</b>		
16-JUL-2021		LNMD. 17-JUL-2020
Add	light Iso G 2s7m8M (See Chart No. 1, P1, P16) This notice affects Electronic Navigational Chart: CA579060	48°05'59.5"N 066°07'49.1"W  <i>(Q2020168) LL(1364) DFO(6410469-01)</i>

Delete	foul ground area (See Chart No. 1, K31)	joining 48°06'02.2"N 066°07'49.1"W 48°06'02.0"N 066°07'48.7"W 48°06'02.5"N 066°07'48.1"W and 48°06'02.9"N 066°07'48.6"W
	This notice affects Electronic Navigational Chart: CA579060	<i>DFO(6410541-01)</i>
Delete	depth of 3 metres 3 decimetres (See Chart No. 1, I10)	48°06'02.2"N 066°07'48.7"W
	This notice affects Electronic Navigational Chart: CA579060	<i>DFO(6410541-02)</i>
Add	depth of 4 metres 0 decimetres (See Chart No. 1, I10)	48°06'02.3"N 066°07'48.8"W
	This notice affects Electronic Navigational Chart: CA579060	<i>DFO(6410541-03)</i>
Add	depth of 3 metres 5 decimetres (See Chart No. 1, I10)	48°06'02.8"N 066°07'48.3"W
	This notice affects Electronic Navigational Chart: CA579060	<i>DFO(6410541-04)</i>
Add	pontoon (See Chart No. 1, F16)	between 48°06'00.7"N 066°07'49.6"W and 48°05'59.7"N 066°07'48.5"W
	This notice affects Electronic Navigational Chart: CA579060	<i>DFO(6410541-05)</i>

**4938 - Pictou Harbour - New Chart - 25-JAN-2019 - World Geodetic System 1984**  
30-JUL-2021

LNMD. 06-DEC-2019

Reposition	green port hand lighted spar buoy Fl G, marked SJ11 (See Chart No. 1, Qg)	from 45°40'52.2"N 062°40'43.6"W to 45°40'55.8"N 062°40'34.2"W
	This notice affects Electronic Navigational Chart: CA576246	<i>(G2021047)LL(905)DFO(6309477-01)</i>

**6419 - Norman Wells to/à Carcajou Ridge Kilometre 910/ Kilomètre 980 - New Edition - 27-APR-2018 - World Geodetic System 1984**  
16-JUL-2021

LNMD. 28-FEB-2020

Delete	green port hand can buoy (See Chart No. 1, Qg)	65°30'54.4"N 127°40'24.2"W
		<i>DFO(6604759-01)</i>
Delete	green port hand can buoy (See Chart No. 1, Qg)	65°31'26.6"N 127°41'35.2"W
		<i>DFO(6604759-02)</i>
Add	red starboard hand conical buoy (See Chart No. 1, Qf)	65°31'01.1"N 127°40'16.9"W
		<i>DFO(6604759-03)</i>
Add	red starboard hand conical buoy (See Chart No. 1, Qf)	65°31'28.7"N 127°41'27.0"W
		<i>DFO(6604759-04)</i>

**6421 - Hardie Island to/à Fort Good Hope Kilometre 1040/ Kilometre 1100 - New Edition - 30-MAR-2018 - World Geodetic System 1984**  
02-JUL-2021 LNMD. 03-APR-2020

Reposition green port hand can buoy (See Chart No. 1, Qg) from 66°03'49.6"N 129°06'37.4"W to 66°03'50.2"N 129°06'53.9"W  
*DFO(6604754-01)*

Reposition green port hand can buoy (See Chart No. 1, Qg) from 66°03'27.0"N 129°06'46.6"W to 66°03'29.0"N 129°07'16.8"W  
*DFO(6604754-02)*

**6422 - Fort Good Hope to/à Askew Islands Kilometre 1100/ Kilometre 1180 - New Edition - 11-FEB-2011 - NAD 1983**  
02-JUL-2021 LNMD. 03-MAY-2019

Reposition green port hand can buoy (See Chart No. 1, Qg) from 66°21'45.4"N 128°42'07.0"W to 66°21'57.7"N 128°42'12.5"W  
*DFO(6604764-01)*

Reposition green port hand can buoy (See Chart No. 1, Qg) from 66°21'34.5"N 128°41'18.4"W to 66°21'37.6"N 128°41'04.3"W  
*DFO(6604764-02)*

**6423 - Askew Islands to/à Bryan Island Kilometre 1180/ Kilometre 1240 - New Edition - 17-APR-2020 - World Geodetic System 1984**  
16-JUL-2021

Reposition red starboard hand conical buoy (See Chart No. 1, Qf) from 67°02'59.2"N 130°16'24.6"W to 67°03'06.9"N 130°16'27.0"W  
*DFO(6604765-01)*

Reposition red starboard hand conical buoy (See Chart No. 1, Qf) from 67°02'13.6"N 130°14'56.8"W to 67°02'21.4"N 130°15'02.7"W  
*DFO(6604765-02)*

Reposition red starboard hand conical buoy (See Chart No. 1, Qf) from 67°01'37.5"N 130°13'41.4"W to 67°01'53.5"N 130°13'57.9"W  
*DFO(6604765-03)*

Reposition green port hand can buoy (See Chart No. 1, Qg) from 66°58'24.8"N 130°14'24.0"W to 66°58'37.4"N 130°14'16.4"W  
*DFO(6604765-04)*

Reposition red starboard hand conical buoy (See Chart No. 1, Qf) from 66°59'43.5"N 130°12'43.6"W to 66°59'57.7"N 130°12'51.3"W  
*DFO(6604765-05)*

Reposition green port hand can buoy (See Chart No. 1, Qg) from 66°55'57.8"N 130°12'16.6"W to 66°56'10.6"N 130°12'20.3"W  
*DFO(6604765-06)*

Reposition red starboard hand conical buoy (See Chart No. 1, Qf) from 66°55'46.2"N 130°11'54.7"W to 66°55'52.7"N 130°11'46.6"W  
*DFO(6604765-07)*

Reposition red starboard hand conical buoy (See Chart No. 1, Qf) from 66°55'27.5"N 130°10'54.8"W to 66°55'31.6"N 130°10'54.8"W  
*DFO(6604765-08)*

Reposition green port hand can buoy (See Chart No. 1, Qg) from 66°55'07.8"N 130°10'00.7"W to 66°55'09.2"N 130°09'48.1"W  
*DFO(6604765-09)*

Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 66°51'32.5"N 130°07'03.3"W to 66°51'58.5"N 130°07'21.5"W <i>DFO(6604765-10)</i>
Add	green port hand can buoy (See Chart No. 1, Qg)	66°51'30.7"N 130°07'32.7"W <i>DFO(6604765-11)</i>
Add	green port hand can buoy (See Chart No. 1, Qg)	66°51'05.8"N 130°07'23.5"W <i>DFO(6604765-12)</i>

**6424 - Bryan Island to/à Travaillant River Kilometre 1240 / Kilomètre 1325 - New Edition - 30-JAN-2015 - World Geodetic System 1984**

16-JUL-2021		LNMD. 29-MAY-2020
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°13'59.4"N 130°19'30.4"W to 67°14'05.3"N 130°19'51.6"W <i>DFO(6604760-01)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 67°14'04.1"N 130°19'49.2"W to 67°13'55.0"N 130°20'02.2"W <i>DFO(6604760-02)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 67°14'34.7"N 130°19'26.4"W to 67°14'35.1"N 130°20'25.4"W <i>DFO(6604760-03)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°28'37.4"N 130°57'05.1"W to 67°28'36.4"N 130°56'57.1"W <i>DFO(6604760-04)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°28'14.2"N 130°55'37.3"W to 67°28'15.7"N 130°55'38.5"W <i>DFO(6604760-05)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°27'51.6"N 130°54'16.7"W to 67°27'53.0"N 130°54'16.2"W <i>DFO(6604760-06)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 67°06'23.1"N 130°13'51.6"W to 67°06'21.9"N 130°13'59.6"W <i>DFO(6604760-07)</i>

**6425 - Travaillant River to/à Adam Cabin Creek Kilometre 1325 / Kilomètre 1400 - New Edition - 15-JAN-2016 - World Geodetic System 1984**

16-JUL-2021		LNMD. 26-APR-2019
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 67°17'02.7"N 132°33'31.3"W to 67°16'52.9"N 132°34'28.5"W <i>DFO(6604753-01)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 67°16'28.5"N 132°35'06.2"W to 67°16'34.8"N 132°35'18.0"W <i>DFO(6604753-02)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°16'10.9"N 132°35'35.5"W to 67°16'20.8"N 132°35'52.8"W <i>DFO(6604753-03)</i>

Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°15'38.8"N 132°35'59.5"W to 67°15'44.3"N 132°36'33.5"W <i>DFO(6604753-04)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°15'08.0"N 132°36'24.0"W to 67°15'16.2"N 132°36'50.3"W <i>DFO(6604753-05)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°14'32.5"N 132°37'03.6"W to 67°14'49.0"N 132°37'16.6"W <i>DFO(6604753-06)</i>
Reposition	starboard hand daybeacon, marked RAM (See Chart No. 1, Qt)	from 67°18'12.1"N 132°20'27.4"W to 67°18'01.7"N 132°21'50.7"W <i>DFO(6604753-07)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 67°18'30.2"N 132°19'01.0"W to 67°18'35.5"N 132°19'46.3"W <i>DFO(6604753-08)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 67°23'01.9"N 131°47'29.8"W to 67°22'56.5"N 131°47'58.4"W <i>DFO(6604753-09)</i>
Add	red starboard hand conical buoy (See Chart No. 1, Qf)	67°22'35.7"N 131°49'09.1"W <i>DFO(6604753-10)</i>
Delete	green port hand can buoy (See Chart No. 1, Qg)	67°22'17.3"N 131°49'37.3"W <i>DFO(6604753-11)</i>
Add	green port hand can buoy (See Chart No. 1, Qg)	67°22'03.9"N 131°50'50.9"W <i>DFO(6604753-12)</i>

**6426 - Adam Cabin Creek to à Point Separation Kilometre 1400 / Kilomètre 1480 - New Edition - 30-JAN-2015 - World Geodetic System 1984**

16-JUL-2021

LNMD. 03-MAY-2019

Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°12'14.0"N 132°59'48.6"W to 67°12'19.1"N 133°00'23.8"W <i>DFO(6604755-01)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°12'44.7"N 133°00'39.9"W to 67°13'02.1"N 133°01'44.3"W <i>DFO(6604755-02)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 67°13'21.1"N 133°01'42.1"W to 67°13'47.4"N 133°03'19.0"W <i>DFO(6604755-03)</i>

**6427 - Point Separation to/au Aklavik Channel Kilometre 1480 / Kilomètre 1540 - New Edition - 27-APR-2018 - World Geodetic System 1984**

02-JUL-2021

LNMD. 20-MAR-2020

Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°42'07.3"N 134°16'10.5"W to 67°42'08.7"N 134°16'15.3"W <i>DFO(6604756-01)</i>
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Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°42'18.7"N 134°15'58.4"W to 67°42'39.0"N 134°16'12.5"W <i>DFO(6604756-02)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 67°42'47.8"N 134°14'57.2"W to 67°42'32.8"N 134°16'38.3"W <i>DFO(6604756-03)</i>
Add	green port hand can buoy (See Chart No. 1, Qg)	67°42'51.4"N 134°15'00.9"W <i>DFO(6604756-04)</i>

## **Section 3: Radio Aids to Marine Navigation Corrections**

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### **\*708/21 Radio Aids to Marine Navigation 2021 (Atlantic, St. Lawrence, Great Lakes, Lake Winnipeg, Arctic and Pacific)**

#### **Copyright page (page 3 of the document)**

#### **AMEND AS FOLLOWS:**

For more information, contact [InfoPol.XNCR@dfo-mpo.gc.ca](mailto:InfoPol.XNCR@dfo-mpo.gc.ca) [MCTS.XNCR@dfo-mpo.gc.ca](mailto:MCTS.XNCR@dfo-mpo.gc.ca).

#### **Page 3-20**

#### **AMEND AS FOLLOWS:**

### **3.8.5 West Coast – USA Notice of Arrival**

...

The electronic Notice of Arrival/Departure (e-NOA/D) can be found at the NVMC website:

<http://www.nvmc.uscg.gov/NVMC/default.aspx>

[https://www.nvmc.uscg.gov/\(S\(rlio2ggzgn3kw2fuuwz2mwa2\)\)/default.aspx](https://www.nvmc.uscg.gov/(S(rlio2ggzgn3kw2fuuwz2mwa2))/default.aspx).

#### **Page 4-14**

#### **AMEND:**

### **4.2.1.5 GMDSS Sea Areas - Canada**

In Canada, as a result of consultations with the Canadian marine industry, it has been decided to implement sea areas A1 on the east and west coasts. Outside of Sea Area A1 will be a Sea Area A3 with a Sea Area A4 in the Arctic.

Consideration was given to the implementation of a Sea Area A2, but due to budgetary constraints and the marine industry's preference for sea areas A1 and A3, sea area A2 is not being planned at this time. Sea Area A1 for the Great Lakes and St. Lawrence River is also provided.

#### **TO READ:**

### **4.2.1.5 GMDSS Sea Areas - Canada**

In Canada, as a result of consultations with the Canadian marine industry, Sea Area A1 and Sea Area 3 were implemented on the east and west coasts, and Sea Area A4 was implemented in the Arctic.

VHF-DSC services are provided in the Great Lakes and the St. Lawrence River west of the lower exit of the St. Lambert Lock.

**Page 4-34**

**ADD AS FOLLOWS:**

**4.2.7 AMVER - Automated Mutual-Assistance Vessel Rescue System**

Note: A 96-hour pre-arrival report to U.S. ports is required under 33 CFR 160.

The Amver System, operated by the United States Coast Guard, is a maritime mutual assistance program that provides important aid to the development and co-ordination of search and rescue (SAR) efforts in the oceans of the world. Merchant vessels of all nations making offshore passages of more than 24 hours are encouraged to send sailing plans and periodic position reports to the Amver Centre in Martinsburg, WV. There is no charge for these radio messages when they are sent through MCTS Centres. Information from these messages is entered into a computer that generates and maintains dead reckoning positions for participating vessels throughout their voyages. The predicted locations and SAR characteristics of all vessels known to be within a given area are furnished upon request to recognized SAR agencies of any nation for use during an emergency. Predicted vessels' locations are disclosed only for reasons related to maritime safety.

**ADD AS FOLLOWS:**

**4.2.7.3. What and When You Report**

a) Sailing plan message should be sent on or before departure.

...

**Page 4-35**

**ADD AS FOLLOWS:**

**4.2.7.5 Amver System Communications Network**

The following methods are recommended for ships to transmit Amver Sailing Plan, Position, Deviation and Arrival reports. Details are available on the Amver Website at <http://www.amver.com/>.

**Page 4-36**

**ADD AS FOLLOWS:**

**4.2.7.6 Amver Voyage Report Types**

There are four types of Amver Reports - Sailing Plan, Arrival, Position, and Deviation Reports.

a) ...

b) Reporting data. Amver participants need to be familiar with four types of reports - Sailing Plan, Arrival, Position, and Deviation Reports. Note that Amver permits sailing plan and departure to be combined into a single report. Amver accepts sailing plan information separately - for example, several days prior to departure. Report identifiers are as follows:

AMVER/SP// Sailing Plan and Departure

...

**ADD AS FOLLOWS:**

**4.2.7.9 Description of Voyage Reports**

...

Sailing Plan and Departure Report. The “L” lines contain routing and “turnpoint” information needed by Amver. Amver needs data about every intended turnpoint, but also accepts information about any points along the intended track, even though they might not be turnpoints. Turnpoint information is needed by Amver to maintain plot accuracy.

**Page 4-37**

**ADD AS FOLLOWS FOR SECTION 4.2.7.9:**

**Table 4-8 - Sailing Plan and Departure Report Example**

**Page 4-38**

**ADD AS FOLLOWS FOR SECTION 4.2.7.9:**

**Table 4-11 - Deviation Report Used to Report Sailing Plan and Other Changes Example**

...

- d) The “L” lines contain most of the sailing plan information. As many “L” lines as needed may be used. The “L” lines contain routing data to each of the intermediate points, and to the destination. Data about all turnpoints are required, unless the voyage will follow a great circle with no delays at intermediate points. In addition to turnpoint information, data about other points along each leg are useful. Following, is the information desired for each intermediate point: navigation, method, leg speed, latitude, longitude, port or landmark name ETA estimated time of departure.

**Page 4-70**

**AMEND AS FOLLOWS:**

**4.3.6 Sailing Plan Service**

All small craft operators, including those making day trips, are encouraged to file a Sailing Plan with a responsible person. This person should be instructed to call the Joint Rescue Coordination Centre (JRCC) or Maritime Rescue Sub-Centre (MRSC) if the vessel becomes overdue. The telephone number can be found at the front of most telephone books and should be included with the Sailing Plan. In circumstances where it is not possible to file a Sailing Plan with a responsible person, a Sailing Plan may be filed by telephone, radio or in person, with any CCG MCTS Centre. While at sea, masters/operators who have filed a sailing plan with an MCTS Centre are encouraged to file a daily position report during long trips. Upon your return, be sure to close (or deactivate) the Sailing Plan you filed earlier. Forgetting to do so can result in an unwarranted search for you.

**Page 5-17**

**AMEND AS FOLLOWS FOR SECTION 5.9.1:**

**Table 5-24 - Northern Canada: Production Schedule - NAVTEX Format**

MCTS Centre	NAVTEX Transmitter	Header	Issue Time
Iqaluit/ VFF	Iqaluit	FQCN369 CWNT FICN36 CWIS	05:30, 17:30 EDT / EST 07:00, 19:00 UTC

**Page 5-51**

**DELETE AS FOLLOWS FOR SECTION 5.15.7:**

**Table 5-65 - Ice Charts Listing**

Ice Charts	Broadcast Site	Season
Iceberg limit	Sydney MCTS	Year round
Gulf of St. Lawrence	Sydney MCTS	Winter
Cabot Strait	Sydney MCTS	Winter
Northeast or East Newfoundland Waters	Sydney MCTS	Winter
Southeast Newfoundland Waters	Sydney MCTS	Winter
Newfoundland Coast	Sydney MCTS	Winter
<del>Labrador Coast</del>	<del>Iqaluit MCTS</del>	<del>Summer</del>
<del>Hudson Strait</del>	<del>Iqaluit MCTS</del>	<del>Summer</del>
<del>Northern Hudson Bay</del>	<del>Iqaluit MCTS</del>	<del>Summer</del>
<del>Southern Hudson Bay</del>	<del>Iqaluit MCTS</del>	<del>Summer</del>
<del>Foxe Basin</del>	<del>Iqaluit MCTS</del>	<del>Summer</del>
<del>Davis Strait</del>	<del>Iqaluit MCTS</del>	<del>Summer</del>
<del>Baffin Bay</del>	<del>Iqaluit (Resolute) MCTS</del>	<del>Summer</del>
<del>Approaches to Resolute</del>	<del>Iqaluit (Resolute) MCTS</del>	<del>Summer</del>
<del>Queen Maud</del>	<del>Iqaluit (Resolute) MCTS</del>	<del>Summer</del>
<del>Amundson Gulf</del>	<del>Iqaluit MCTS</del>	<del>Summer</del>
<del>Alaskan Coast</del>	<del>Iqaluit MCTS</del>	<del>Summer</del>
<del>Eureka</del>	<del>Iqaluit (Resolute) MCTS</del>	<del>*On request</del>
<del>Parry Channel</del>	<del>Iqaluit (Resolute) MCTS</del>	<del>*On request</del>
<del>McClure Strait</del>	<del>Iqaluit (Resolute) MCTS</del>	<del>*On request</del>
<del>Byam – Resolute</del>	<del>Iqaluit (Resolute) MCTS</del>	<del>*On request</del>
<del>Bering Strait</del>	<del>Iqaluit MCTS</del>	<del>*On request</del>
<del>Chukchi</del>	<del>Iqaluit MCTS</del>	<del>*On request</del>
<del>Nunivak</del>	<del>Iqaluit MCTS</del>	<del>*On request</del>
<del>Canada Basin</del>	<del>Iqaluit MCTS</del>	<del>*On request</del>
<del>Alert</del>	<del>Iqaluit MCTS</del>	<del>*On request</del>
<del>Nome</del>	<del>Iqaluit MCTS</del>	<del>*On request</del>
<del>Arctic Ocean</del>	<del>Iqaluit MCTS</del>	<del>*On request</del>
<del>North Pole</del>	<del>Iqaluit MCTS</del>	<del>*On request</del>

~~\* On request: Ice charts for Canadian Waters are available upon request to MCTS with at least 5-day prior notice. These charts may end with little or no notice if no shipping activity is expected or identified.~~

**Page 5-52**

**DELETE AS FOLLOWS FOR SECTION 5.15.7:**

**Table 5-66 - Canadian Coast Guard and Canadian Forces Fleet MetOc Radio Facsimile Stations**

Name	Call Sign	Modulation	Index of Cooperation	Power	Frequencies (kHz)	Drum Speed
<del>Iqaluit MCTS</del>	<del>VFF</del>	<del>J3C (FM)</del>	<del>576</del>	<del>1 KW</del>	<del>3251.1, 7708.1 (USB)</del>	<del>120 RPM</del>
METOC Halifax	CFH	J3C (FM)	576	6 KW	4271, 6496.4, 10536, 13510	120 RPM
METOC Halifax	CFH	J3C (FM)	576	10 KW	122.5	-
Sydney MCTS	VCO	J3C (FM)	576	5 KW	4416, 6915.1	120 RPM

## **Section 4: Sailing Directions and Small Craft Guide Corrections**

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No corrections for this section.

## 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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### ATLANTIC COAST

#### BAY OF FUNDY, N.B. (LL 5 – 114, 145 – 157)

83 H4112	Lighthouse Point	On S. side of Beaver Harbour. 45 03 46.7 066 43 59.0	Iso W 6s	14.2	<b>13</b>	White cylindrical tower <b>with</b> red upper portion. 8.6	<b>Operates 24 h.</b> Year round.  <b>Horn - Blast 6 s; sil. 54 s.</b> Horn points 159°.  <b>Chart:4115</b> <b>Edn 07/21 (F21-036)</b>
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#### BAY OF FUNDY, N.S. (LL 163 – 268)

217 H3885	Tiverton	Near outer end of breakwater. 44 23 47.0 066 12 45.0	Fl Y 4s	<b>4.7</b>	<b>6</b>	<b>Cylindrical mast.</b> <b>3.6</b>	<b>Operates at night only.</b> <b>Flash 1 s; eclipse 3 s.</b> Year round.  <b>Chart:4118</b> <b>Edn 07/21 (F21-034)</b>
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#### NOVA SCOTIA, SOUTHEAST COAST (LL 327 – 684.02)

523	<del>Mars Rock light and whistle buoy H9</del>	<del>Off SE. side of rock. 44 34 19.1 063 32 11.3</del>	<del>Fl G 4s</del>	<del>.....</del>	<del>.....</del>	<del>Green, marked "H9".</del>	<del>Year round.</del>  <b>Chart:4203</b> <b>Edn 07/21 (F21-022)</b>
<b>523.1</b>	<b>Mars Rock North light buoy H11</b>	<b>44 34 58.8 063 32 15.1</b>	<b>Fl G 4s</b>	<b>.....</b>	<b>.....</b>	<b>Green, marked "H11".</b>	<b>Operates 24 h.</b> Year round.  <b>Chart:4203</b> <b>Edn 07/21 (F21-023)</b>
523.4 H3602	<b>Sandwich Point range</b>	Halifax Harbour approach. 44 34 56.6 063 32 56.7	F G .....	38.4	12	Triangular skeleton tower, white day mark, red vertical stripe. 6.1	Year round.
523.5 H3602.1		336°29' <b>489.5</b> m from front.	Oc G 10s	50.8	<b>18</b>	Triangular skeleton tower, white day mark with red vertical stripe.	Flash 8 s; eclipse 2 s. Visible in line of range. Operates 24 h. Year round.  <b>Chart:4203</b> <b>Edn 07/21 (F21-015)</b>
524.2	West Outer Middle Ground light buoy HK4						<b>Delete from list.</b>  <b>Chart:4203</b> <b>Edn 07/21 (F21-021)</b>
<b>524.3</b>	<b>Outer Middle Ground West Cardinal light buoy HKB</b>	<b>44 35 50.0 063 32 33.8</b>	<b>Q(9) W 15s</b>	<b>.....</b>	<b>.....</b>	<b>Yellow, black and yellow, marked "HKB".</b>	<b>Operates 24 h.</b> Year round.  <b>Chart:4203</b> <b>Edn 07/21 (F21-024)</b>

Notices to Mariners – Monthly Eastern Edition  
Section 5: List of Lights, Buoys and Fog Signals Corrections

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
525.2	Southeast Middle Ground light buoy <b>H15</b>	44 36 11.3 063 32 33.6	<i>Fl</i> G 4s	.....	.....	Green, marked "H15".	Year round.  Chart:4203 Edn 07/21 (F21-031)
527.5	Northeast Middle Ground light buoy <b>H17</b>	44 36 41.2 063 32 49.6	<i>Fl</i> G 4s	.....	.....	Green, marked "H17".	Operates 24 h. Year round.  Chart:4203 Edn 07/21 (F21-028)
528 H3606	Halifax Harbour Middle range	NW. end of McNabs Island. 44 36 50.5 063 32 11.0	F R .....	18.0	<b>18</b>	Tripod skeleton tower, white day mark with red vertical stripe. 4.3	Operates 24 h. Year round.
528.1 H3606.1		356°13' 322 m from front.	Oc R 10s	29.0	<b>18</b>	Triangular skeleton tower, white day mark with red vertical stripe. 21.9	Flash 8 s; eclipse 2 s. Visible in line of range. Operates 24 h. Year round.  Chart:4202 Edn 07/21 (F21-037)
529	Pleasant Shoal light and bell buoy H19	Off E. extremity of shoal. 44 37 00.2 063 33 06.4	<i>Q</i> G 1s	.....	.....	Green, marked "H19".	Year round.  Chart:4203 Edn 07/21 (F21-030)
530	Middle Ground North Cardinal light buoy HAD						Delete from list.  Chart:4203 Edn 07/21 (F21-020)
535	Ives Knoll light and bell buoy H22	W. of Knoll. 44 37 39.4 063 32 54.0	<i>Fl</i> R 4s	.....	.....	Red, marked "H22".	Year round.  Chart:4202 Edn 07/21 (F21-029)
583 H3566	Owls Head <b>Direction</b>	On extremity of head. 44 43 14.6 062 47 59.5	<i>Fl</i> W 4s	25.8	6	Square skeleton tower, red and white and red rectangular day mark. 9.7	Operates at night only. Year round.  Chart:4236 Edn 07/21 (F21-017)
<b>NOVA SCOTIA AND CAPE BRETON ISLAND (LL 686.5 – 704.1)</b>							
697 H3434	Cape Porcupine range	S. side of Canso Causeway. 45 38 41.9 061 25 05.8	F G .....	9.9	<b>16</b>	Triangular skeleton tower, white trapezoidal day mark with red vertical stripe. 6.1	Visible in line of range. Operates at night only. Seasonal.
698 H3434.1		144°06' 1583.3 m from front.	F G .....	21.8	<b>18</b>	Triangular skeleton tower, white trapezoidal day mark, red vertical stripe. 13.8	Visible in line of range. Operates at night only. Seasonal.  Chart:4302 Edn 07/21 (G21-045)
<b>CAPE BRETON ISLAND, N.S. (LL 704.85 – 882.5)</b>							
876.5	Port Hood Fairway light buoy VX	At the harbour's entrance. 46 01 51.7 061 33 57.2	<i>Mo(A)</i> W 6s	.....	.....	Red and white vertical stripes, marked "VX".	Seasonal.  Chart:4448 Edn 07/21 (G21-037)
880.2	Smith Point light buoy VK13	46 00 29.4 061 32 46.8	<i>Fl</i> G 4s	.....	.....	Green, marked "VK13".	Seasonal.  Chart:4448 Edn 07/21 (G21-040)

Notices to Mariners – Monthly Eastern Edition  
Section 5: List of Lights, Buoys and Fog Signals Corrections

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
880.5	Port Hood Causeway South light buoy VK15	S. of the causeway. 46 01 03.5 061 33 02.7	F G 4s	.....	.....	Green, marked "VK15".	Seasonal.  Chart:4448 Edn 07/21 (G21-041)
880.6	Port Hood Causeway South light buoy VK16	S. of the causeway. 46 01 03.8 061 33 01.8	F R 4s	.....	.....	Red, marked "VK16".	Seasonal.  Chart:4448 Edn 07/21 (G21-042)
880.7	Port Hood Causeway North light buoy VK17	46 01 04.9 061 33 04.0	Q G 1s	.....	.....	Green, marked "VK17".	Seasonal.  Chart:4448 Edn 07/21 (G21-067)
880.8	Port Hood Causeway North light buoy VK18	46 01 05.1 061 33 03.1	Q R 1s	.....	.....	Red, marked "VK18".	Seasonal.  Chart:4448 Edn 07/21 (G21-069)
<b>GULF OF ST. LAWRENCE (LL 883.2 – 940.3, 1169.1 – 1426, 1477.5 – 1584)</b>							
905	Pictou Harbour light buoy SJ11	45 40 55.8 062 40 34.2	F G 4s	.....	.....	Green spar, marked "SJ11".	Seasonal.  Chart:4938 Edn 07/21 (G21-047)
1237.99	Tabusintac light buoy TA1	47 18 29.4 064 55 42.7	F G 4s	.....	.....	Green spar, marked "TA1".	Buoy may be repositioned due to shifting channel. Seasonal.  Chart: N/A Edn 07/21 (G21-050)
1267	Miscou Channel Entrance Fairway light buoy EA	47 55 32.9 064 40 47.9	Mo(A) W 6s	.....	.....	Red and white vertical stripes, marked "EA".	Buoy may be repositioned due to shifting channel. Seasonal.  Chart:4913 Edn 07/21 (G21-035)
1344 H1620	Dalhousie (Douglas) Island	Dalhousie Harbour, on N. point of island. 48 04 20.2 066 21 51.5	Iso G 4s	.....	5	Square skeleton tower, green-white-black square day mark.	Operates 24 h. Year round.  Chart:4426 Edn 07/21 (G21-028)
1364 H4640	Carleton	Carleton wharf. 48 05 59.5 066 07 49.1	Iso G 2s	7.4	8	Square skeleton tower. 5.1	Operates at night only. Omnidirectional. Seasonal.  Chart:4921 Edn 07/21 (Q20-168)
<b>PRINCE EDWARD ISLAND (LL 942 – 1084.7)</b>							
1043.1	St. Peters Harbour Fairway light buoy JD	46 27 31.9 062 44 21.1	Mo(A) W 6s	.....	.....	Red and white vertical stripes, marked "JD".	Buoy may be repositioned due to shifting channel. Seasonal.  Chart:4425 Edn 07/21 (G21-034)
<b>NORTHUMBERLAND STRAIT (LL 1085 – 1165.9)</b>							
1106	Shediac light buoy XN12	Shediac Harbour. 46 15 26.8 064 30 34.6	Q R 1s	.....	.....	Red spar, marked "XN12".	Buoy may be repositioned due to shifting channel. Seasonal.  Chart:4909 Edn 07/21 (G21-048)

Notices to Mariners – Monthly Eastern Edition  
Section 5: List of Lights, Buoys and Fog Signals Corrections

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1126.1	Saint-Édouard-de- Kent light buoy XW1	Near the wharf. 46 32 21.5 064 41 34.3	<i>F</i> <i>G</i> 4s	.....	.....	Green spar, marked "XW1".	Seasonal.  Chart:4905 Edn 07/21 (G21-043)
1126.2	Saint-Édouard-de- Kent light buoy XW2	Near the wharf. 46 32 25.6 064 41 40.6	<i>F</i> <i>R</i> 4s	.....	.....	Red spar, marked "XW2".	Seasonal.  Chart:4905 Edn 07/21 (G21-044)