CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 1</td>
<td>General and Safety Information</td>
<td>1 - 12</td>
</tr>
<tr>
<td>Section 2</td>
<td>Chart Corrections</td>
<td>13 - 24</td>
</tr>
<tr>
<td>Section 3</td>
<td>Radio Aids to Marine Navigation Corrections</td>
<td>N/A</td>
</tr>
<tr>
<td>Section 4</td>
<td>Sailing Directions and Small Craft Guide Corrections</td>
<td>26 - 28</td>
</tr>
<tr>
<td>Section 5</td>
<td>List of Lights, Buoys and Fog Signals Corrections</td>
<td>29 - 33</td>
</tr>
</tbody>
</table>
EXPLANATORY NOTES

Geographical positions refer directly to the graduations of the largest scale Canadian Hydrographic 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 & Preliminary Notices are indicated by a (T) or a (P) in Section 1, 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. The list of charts affected by Temporary and Preliminary Notices are revised and promulgated quarterly in Section 1 of the Monthly Edition.

Please note that, in addition to the temporary and preliminary changes normally advertised as (T) and (P) Notices, there are a few permanent changes to aids to navigation that have been advertised as Preliminary Notices to Mariners while charts are being updated for new editions.

Marine Information Report & Suggestion Sheet
Mariners are requested to notify the responsible authorities when new or suspected dangers to navigation are discovered, changes observed in aids to navigation or corrections to publications are seen to be necessary. Such communications can be made using the Marine Information Report & Suggestion Sheet inserted on the last page of each monthly edition of Notices to Mariners.

Canadian Hydrographic Service – Information Published in Section 2 of Notices to Mariners
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.

In case of 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 2019. 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
CHART CORRECTIONS – SECTION 2

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 LNM/D or Last Notice to Mariners Number / Date.

NOTICES TO MARINERS WEBSITE – MONTHLY EDITIONS, CHART CORRECTIONS, AND CHART PATCHES

The Notices to Mariners 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 becomes available online.

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.
ADVISORY NAVIGATIONAL WARNINGS / NOTICES TO SHIPPING

The Canadian Coast Guard 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\(^1\), that are broadcast by the Canadian Coast Guard, 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).

Navigational Warnings are accessible on the applicable regional page on the Canadian Coast Guard e-Navigation Maritime Information Portal at [http://www.marinfo.gc.ca/e-nav](http://www.marinfo.gc.ca/e-nav).

The Canadian Hydrographic Service is reviewing the impact of these changes with the Canadian Coast Guard and together are preparing an action plan on the issuing of chart revisions.

For further information, contact your regional Navigational Warning (NAVWARN) Issuing Desk.

### Atlantic Region

* **Port aux Basques MCTS Centre**  
  Canadian Coast Guard  
  49 Stadium Rd.  
  P.O. Box 99  
  Port aux Basques, NL A0M 1C0  
  Telephone: (709) 695-2168 or 1-800-563-9089  
  Facsimile: (709) 695-7784  
  Email: NAVWARN.MCTSPortAuxBasques@innav.gc.ca  
  Website: [http://www.marinfo.gc.ca/e-nav](http://www.marinfo.gc.ca/e-nav)

* **Sydney MCTS Centre**  
  Canadian Coast Guard  
  1190 Westmount Road  
  Sydney, NS B1R 2J6  
  Telephone: (902) 564-7751 or 1-800-686-8676  
  Facsimile: (902) 564-7662  
  Email: NAVWARN.MCTSSydney@innav.gc.ca  
  Website: [http://www.marinfo.gc.ca/e-nav](http://www.marinfo.gc.ca/e-nav)

### Central & Arctic Region

* **Prescott MCTS Centre**  
  Canadian Coast Guard  
  401 King Street West  
  P.O. Box 1000  
  Prescott, ON K0E 1T0  
  Telephone: (613) 925-0666  
  Facsimile: (613) 925-4519  
  Email: NAVWARN.MCTSPrescott@innav.gc.ca  
  Website: [http://www.marinfo.gc.ca/e-nav](http://www.marinfo.gc.ca/e-nav)

* **Iqaluit MCTS Centre**  
  Operational from approximately mid-May until late December.  
  Canadian Coast Guard  
  P.O. Box 189  
  Iqaluit, NU X0A 0H0  
  Telephone: (867) 979-5269  
  “A” Series  
  Telephone: (867) 979-0310  
  Facsimile: (867) 979-4264  
  Email: NAVWARN.MCTSIqaluit@innav.gc.ca  
  Website: [http://www.marinfo.gc.ca/e-nav](http://www.marinfo.gc.ca/e-nav)

* Service available in English and French.

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\(^1\) The expression “Notice to Shipping” was changed to “Navigational Warning” in January 2019.
INDEX

SECTION 1 – GENERAL AND SAFETY INFORMATION 1

Transport Canada – Restricted Speed Area - St. Clair and Detroit Rivers ................................................................. 1
Saguenay–St. Lawrence Marine Park and Surrounding Waters – Whale Protection ......................................................... 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 ............................................................................................................................... 2
Important Amendment: Gulf of St. Lawrence – Protection of the North Atlantic Right Whale ........................................ 5
*1001 Canadian Coast Guard - List of Charts and Reference Charts (Section 1) Affected by Temporary and Preliminary Notices ................................................................................................................................................ 9
*1002 Playgreen Lake to/au Little Playgreen Lake – Unlit Buoys Repositioned ................................................................. 9
*1003(P) Little Bay Arm and Approaches / et les approches – Notice of Proposed Changes ........................................... 10
*1004(P) Harbours in Placentia Bay / Havres dans Placentia Bay: Petit Forte to / à Broad Cove Head – Light Buoys to be Discontinued ........................................................................................................................................ 11
*1005(P) Presque Harbour to / à Bar Haven Island and / et Paradise Sound – Light Buoy to be Discontinued .............. 11
*1006(P) Twillingate Harbours – Light Buoy to be Discontinued ....................................................................................... 12

SECTION 2 – CHART CORRECTIONS 13

SECTION 3 – RADIO AIDS TO MARINE NAVIGATION CORRECTIONS N/A

SECTION 4 – SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS 26

SECTION 5 – LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS 29
<table>
<thead>
<tr>
<th>Chart No.</th>
<th>Page</th>
<th>Chart No.</th>
<th>Page</th>
<th>Chart No.</th>
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<tbody>
<tr>
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<td>14, 15</td>
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<td>22, 30</td>
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<td>30, 31</td>
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<td>4620</td>
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<td>16</td>
<td>4620</td>
<td>23, 32, 33</td>
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<tr>
<td>4236</td>
<td>16, 17, 31</td>
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<td>32</td>
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<td>16, 17, 31</td>
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<td>17, 31</td>
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<td>17, 18</td>
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<td>4620</td>
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<td>24</td>
</tr>
</tbody>
</table>
TRANSPORT CANADA – RESTRICTED SPEED AREA - ST. CLAIR AND DETROIT RIVERS

(Recurrent publication of notice *1103/12, originally published in the Notices to Mariners Publication - Eastern Edition 11/2012.)

Since November 14, 2012, the restricted speed area currently in place as per the St. Clair and Detroit River Navigation Safety Regulations between the Detroit River light and Peche Island light is reduced in size by relocating the southern point of the restricted speed area from its current location at the Detroit River light to a new location at Bar Point light D33.

SAGUENAY–ST. LAWRENCE MARINE PARK AND SURROUNDING WATERS – WHALE PROTECTION

(Recurrent publication of notice *413/19, originally published in the Notices to Mariners Publication - Eastern Edition 04/2019.)

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 2019.

VOLUNTARY PROTECTION MEASURES

Provisional measures in effect from May 1 to October 31, 2019. 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.

(Recurent publication of notice *414/19, originally published in the Notices to Mariners Publication - Eastern Edition 04/2019.)

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 1st to October 31st 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 21st to September 21st, except for special authorizations (see description below).

For safety reasons, these measures do not apply to cargo ships (see the monthly edition of Notice 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 2019 or visit [http://parcmarin.qc.ca/home/](http://parcmarin.qc.ca/home/).
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: http://marinepark.ca/protect/#regulations.

Mouth of the Saguenay Fjord (Figure 1) — Slowdown Area (area cross-hatched 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 cross-hatched 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.
**MONTHLY NOTICES TO MARINERS**
**EASTERN EDITION 10/2019**
**SECTION 1 – GENERAL AND SAFETY INFORMATION**

**Figure 1**

Protection measure for the mouth of the Saguenay Fjord
In effect from May 1st to October 31st

- Slowdown area to 15 knots* or less

*20 knots if it is a boat navigating under a class 1 permit that requires a speed superior to 15 knots to plane

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<td>48°07’11” N</td>
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Reference system: NAD83

Data sources: Parks Canada, Sédap, BNFT
Mapping: Parks Canada

**Figure 2**

Protection measures for beluga whales Baie Sainte-Marguerite
In effect all summer from June 21st to September 21st

- For all boats
  - Area closure
  - Recommended transit area: travel between 5 and 10 knots without stopping

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Reference system: NAD83

Special authorizations:
- For canoes and kayaks: No stopping
- For fishermen: To access fishing sites only
IMPORTANT AMENDMENT: GULF OF ST. LAWRENCE – PROTECTION OF THE NORTH ATLANTIC RIGHT WHALE

(Recurrent publication of notice *801/19, originally published in the Notices to Mariners Publication - Eastern Edition 08/2019. It replaces notice *701/19 and includes all major changes, which are highlighted in yellow.)

Due to changing migration 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 restrictions combine “static zones” and “dynamic shipping zones.” See the map below for details.

Note: Navigational Warnings with these speed restrictions are considered to be Notices to Shipping, which vessels must follow under section 7 of the Collision Regulations.

Changes to speed restriction zones
In response to consultations with industry, and based on scientific data, we have made two changes to the restriction zone this year, which took effect on April 28, 2019:
- We removed the southeast corner of the speed restriction zone, around the Magdalen Islands.
- To help reduce impacts on the marine shipping industry, we are allowing vessels, in the absence of North Atlantic right whale sightings, to travel at safe speeds in a larger area north of Anticosti Island, extending to the mainland.

In response to the recent deaths in June and July 2019 of 8 NARWs, additional changes have been made to the restriction zone, which took effect on July 9, 2019:
- As the speed restriction in the static zone may be lifted when there are adverse weather conditions forecast in the area, the static zone has been divided in two sections in order to diminish the impact of the lifting of the mandatory speed restriction. This modification will be in effect for the rest of the year.
- Dynamic zone E has been added and the static zones have been extended to cover the area around the new dynamic zone E.
- All speed restrictions apply to vessels above 13 m.

Please refer to the latest NAVWARN issued by the Canadian Coast Guard for all speed restrictions currently in force.

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.

NEW 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° 04’ 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

NEW coordinates for the southern static zone:
- 48° 40’ N 065° 00’ W
- 48° 40’ N 062° 40’ W
- 48° 00’ N 061° 00’ 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

Mariners will be notified ahead via a NAVWARN on which of these sections are not subject to a speed restriction, due to inclement weather.
Within any static zone that is not subject to a speed restriction, mariners may proceed at a safe operational speed. However, we recommend that mariners proceed with extreme caution while transiting in these sections and avoid excessive speed in order to minimize potential strikes with NARWs.

**Dynamic shipping zones**
The static zone has 5 “dynamic shipping zones”: A, B, C, D and E.

When the Government of Canada determines that North Atlantic right whales do not appear to be in these zones, vessels may transit through them at a safe operational speed.

When we determine that North Atlantic right whales are present in a dynamic zone, vessels above 13 m in length overall (LOA)
* will be notified through a NAVWARN; and
* must proceed at a speed of not more than 10.0 knots over the ground within that zone.

**Note:** Dynamic shipping zone E is a new zone as of July 2019.

**Dynamic zone coordinates**

**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

**Speed restrictions in the dynamic shipping zones**
These speed restrictions will be in effect for 15 days from the date we issue them. We may extend a restriction past the 15 days if North Atlantic right whales continue to be present. Speed restriction zones and sectors will be announced through NAVWARNS.
These restrictions will be in effect from **April 28 to November 15, 2019**. These dates may change, depending on when whales are present.

During this period, vessels above 13 m in length (LOA) must reduce their speed so as not to exceed 10.0 knots over the ground in the presence of North Atlantic right whales.

Outside the restriction period, once the mandatory speed restriction is lifted, we ask vessels to reduce their speed voluntarily so as not to exceed 10.0 knots over the ground
- in the presence of North Atlantic right whales; and
- only if maritime conditions permit safe operation of their vessel at that speed.

**Map of the Gulf of St. Lawrence**
The following map shows
- the speed restriction zone, in red (static zones); and
- the dynamic shipping zones, in green.

![Map showing the static restriction area and the five dynamic zones (A, B, C, D and E).](image)

**Navigational Warnings (NAVWARNs) Broadcasts**
The Canadian Coast Guard (CCG) continues to promulgate valid Navigational Warnings via radio broadcasts over various terrestrial systems and also online at [http://www.marinfo.gc.ca/e-nav](http://www.marinfo.gc.ca/e-nav) or [http://nis.ccg-gcc.gc.ca](http://nis.ccg-gcc.gc.ca). Mariners shall ensure that they have correct and up-to-date information concerning the protection of the North Atlantic right whales as contained in all applicable Notices to Mariners (NOTMARs) and Navigational Warnings.

Canada has replaced its *Notice to Shipping* (NOTSHIP) with *Navigational Warnings* (NAVWARNs). NOTSHIPs are no longer being issued. Mariners and other users will be able to search for NAVWARNs, or subscribe to receive NAVWARNs by email, by visiting the following web page: [http://nis.ccg-gcc.gc.ca/public/rest/messages/en/search](http://nis.ccg-gcc.gc.ca/public/rest/messages/en/search).
Until updates are completed to Canadian nautical charts and publications, Notice to Shipping or NOTSHIPs will continue to be referenced. All references to Notices to Shipping and to NOTSHIPs must be read as meaning Navigational Warnings or NAVWARNs.

Notices to Mariners (NOTMARs) will still be issued as usual and can be searched by visiting the following web page: https://www.notmar.gc.ca/monthly-mensuel-en.php.

Aids to Navigation
In addition, CCG continues to test the use of virtual Automatic Identification System aids to navigation (AIS AtoN), referred in NOTMAR 819(T)/2016. These aids will notify a mariner of a dynamic sector that is subject to a speed restriction. Each dynamic sector will be delimited by four virtual AIS AtoN which could be displayed on the ship’s navigation equipment such as: ECDIS, ECS, RADAR, Minimum Keyboard Display, and Electronic Nautical Charts. The virtual AIS AtoN will be broadcasted only when a speed restriction is in effect in one or more sectors. The mariner is required to select the virtual AIS AtoN symbol to view a message as such: “SectA1 Spd Lim 10 kt.” This message refers to a speed restriction in effect for a specific sector. As this system continues to be in the testing phase, it is not the primary means of communicating with the mariner.

Compliance and enforcement
NAVWARNs are enforced in the same way as Notices to Shipping. You must comply with these warnings under section 7 of the Collision Regulations.

If you do not comply with any instructions in the NAVWARNs, you could face
- administrative monetary penalties ranging from CAN $6,000 to CAN $25,000; and/or
- penal sanctions under the Canada Shipping Act, 2001.

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

We will not grant exemptions to the speed restriction in advance. However, 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
If you see a North Atlantic right whale that is entangled, dead or injured, please report it to your 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 you see live, free-swimming whales
- Call 1-902-440-8611 (local) or 1-844-800-8568 (toll free)
- Email: XMARWhalesightings@dfo-mpo.gc.ca

Please consult WhaleMap for the latest right whale observations:
https://whalemap.ocean.dal.ca/
**1001**  CANADIAN COAST GUARD - LIST OF CHARTS AND REFERENCE CHARTS (SECTION 1) AFFECTED BY TEMPORARY AND PRELIMINARY NOTICES

IN EFFECT OCTOBER 25, 2019
(REVISED AND PROMULGATED QUARTERLY)

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</tbody>
</table>

**1002**  PLAYGREEN LAKE TO/AU LITTLE PLAYGREEN LAKE – UNLIT BUOYS REPOSITIONED

Reference Chart: 6263

The following unlit buoys have been permanently repositioned:

- Warrens Landing spar buoy - Playgreen P3 (LL 9682): 53° 54’ 24.7”N 097° 57’ 31.1”W
- Warrens Landing spar buoy - Playgreen P5 (LL 9683): 53° 54’ 19.9”N 097° 57’ 38.4”W
- Warrens Landing spar buoy - Playgreen P6 (LL 9684): 53° 54’ 10.1”N 097° 57’ 55.6”W
- Playgreen Lake spar buoy PP1 (LL 9747): 53° 55’ 22.6”N 097° 56’ 43.7”W
- Playgreen Lake spar buoy PP5 (LL 9750): 53° 54’ 03.7”N 097° 58’ 18.7”W

(A2019-013 to 017)
**1003(P) LITTLE BAY ARM AND APPROACHES / ET LES APPROCHES – NOTICE OF PROPOSED CHANGES**

Reference Chart: 4523

The Canadian Coast Guard proposes to permanently change the following aids to navigation:

<table>
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<tr>
<th>LL #</th>
<th>Aid Name</th>
<th>Position</th>
<th>Proposed Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>336</td>
<td>Tom Cod Rock light buoy DB1</td>
<td>49° 36’ 41.9”N 055° 53’ 11.3”W</td>
<td>Change from a 0.6 m Spar Can (Long) to a 0.6 m plastic spar.</td>
</tr>
<tr>
<td>336.21</td>
<td>Otter Island Shoal light buoy DB2</td>
<td>49° 36’ 38.9”N 055° 53’ 50.8”W</td>
<td>Change from a 0.6 m Spar Conical (Long) to a 0.6 m plastic spar.</td>
</tr>
<tr>
<td>336.25</td>
<td>Little Bay Arm light buoy DB3</td>
<td>49° 36’ 10.4”N 055° 54’ 34.3”W</td>
<td>Change from a 0.6 m Spar Can (Long) to a 0.3 m plastic spar.</td>
</tr>
<tr>
<td>336.26</td>
<td>Otter Island Narrows light buoy DB4</td>
<td>49° 36’ 11.9”N 055° 54’ 36.3”W</td>
<td>Change from a 0.6 m Spar Conical (Long) to a 0.3 m plastic spar.</td>
</tr>
<tr>
<td>336.27</td>
<td>Little Bay Arm light buoy DB5</td>
<td>49° 35’ 29.9”N 055° 55’ 45.8”W</td>
<td>Change from a 0.6 m Spar Can (Long) to a 0.3 m plastic spar.</td>
</tr>
</tbody>
</table>

Comments on this action are solicited from mariners and other interested parties by January 31, 2020, three months following the initial publication date of October 25, 2019. Following this date, this notice will be cancelled. Comments should be directed to the following:

Superintendent, Aids to Navigation
Canadian Coast Guard
P.O. Box 5667
250 Southside Road
St. John’s, NL A1C 5X1
Telephone: (709) 552-6456
Email: renee.pope@dfo-mpo.gc.ca

Any objections raised must state the facts on which they are based and should include supporting information on safety, commerce and public benefit.

(N2019-097)
*1004(P) HARBOURS IN PLACENTIA BAY / HAVRES DANS PLACENTIA BAY: PETIT FORTE TO / À BROAD COVE HEAD – LIGHT BUOYS TO BE DISCONTINUED

Reference Chart: 4615

The Canadian Coast Guard proposes to permanently discontinue the following aids to navigation:

Chimmleys light buoy PD2 (LL 53.9) (47° 17' 36.0"N 054° 49' 30.2"W)
Oderin Harbour Middle light buoy PD4 (LL 53.91) (47° 17' 37.5"N 054° 48' 55.9"W)
Oderin Harbour Inner light buoy PD6 (LL 53.92) (47° 17' 37.5"N 054° 48' 26.5"W)

Comments on this action are solicited from mariners and other interested parties by January 31, 2020, three months following the initial publication date of October 25, 2019. Following this date, this notice will be cancelled. Comments should be directed to the following:

Superintendent, Aids to Navigation
Canadian Coast Guard
P.O. Box 5667
250 Southside Road
St. John’s, NL A1C 5X1
Telephone: (709) 552-6456
Email: renee.pope@dfo-mpo.gc.ca

Any objections raised must state the facts on which they are based and should include supporting information on safety, commerce and public benefit.

(N2019-094)

*1005(P) PRESQUE HARBOUR TO / À BAR HAVEN ISLAND AND / ET PARADISE SOUND – LIGHT BUOY TO BE DISCONTINUED

Reference Chart: 4619

The Canadian Coast Guard proposes to permanently discontinue the following aid to navigation:

Merasheen Harbour light and whistle buoy PH (LL 49.5) (47° 23' 25.8"N 054° 22' 15.5"W)

Comments on this action are solicited from mariners and other interested parties by January 31, 2020, three months following the initial publication date of October 25, 2019. Following this date, this notice will be cancelled. Comments should be directed to the following:

Superintendent, Aids to Navigation
Canadian Coast Guard
P.O. Box 5667
250 Southside Road
St. John’s, NL A1C 5X1
Telephone: (709) 552-6456
Email: renee.pope@dfo-mpo.gc.ca

Any objections raised must state the facts on which they are based and should include supporting information on safety, commerce and public benefit.

(N2019-100)
**1006(P)** TWILLINGATE HARBOURS – LIGHT BUOY TO BE DISCONTINUED

Reference Chart: 4886

The Canadian Coast Guard proposes to permanently discontinue the following aid to navigation:

Twillingate light buoy DT9 (LL 358.39) (49° 39’ 06.0”N 054° 46’ 06.0”W)

Comments on this action are solicited from mariners and other interested parties by January 31, 2020, three months following the initial publication date of October 25, 2019. Following this date, this notice will be cancelled. Comments should be directed to the following:

Superintendent, Aids to Navigation
Canadian Coast Guard
P.O. Box 5667
250 Southside Road
St. John’s, NL A1C 5X1
Telephone: (709) 552-6456
Email: renee.pope@dfo-mpo.gc.ca

Any objections raised must state the facts on which they are based and should include supporting information on safety, commerce and public benefit.

(N2019-098)
11-OCT-2019  
Affix patch  
This notice affects Electronic Navigational Chart: CA579080  

1514 - Carillon à/to L'Orignal - Sheet/Feuille 1 - New Edition - 22-APR-2016 - NAD 1983  
11-OCT-2019  
Add submarine cable  
(See Chart No. 1, L30.1)  
This notice affects Electronic Navigational Chart: CA579157  

11-OCT-2019  
Amend Iso Y 6s 14m to read Iso G 4s 14m against light  
(See Chart No. 1, P16)  
This notice affects Electronic Navigational Chart: CA273096, CA473519, CA573362  
(B2019004) LL(535) DFO(6604564-01)  

11-OCT-2019  
Amend Iso Y 6s 14m 10M to read Iso G 4s 14m 10M against light  
(See Chart No. 1, P16)  
This notice affects Electronic Navigational Chart: CA273096, CA473519, CA573362  
(B2019004) LL(535) DFO(6604564-01)  

2077 - Lake Ontario/Lac Ontario (Western Portion/Partie Ouest) - New Edition - 23-APR-1999 - NAD 1983  
11-OCT-2019  
Amend Iso Y 6s 14m 10M to read Iso G 4s 14m 10M against light  
(See Chart No. 1, P16)  
This notice affects Electronic Navigational Chart: CA273096, CA473519, CA573362  
(B2019004) LL(535) DFO(6604564-01)  

11-OCT-2019  
Amend Iso Y 6s 10M to read Iso G 4s 14m 10M against light  
(See Chart No. 1, P16)  
This notice affects Electronic Navigational Chart: CA273096, CA473519, CA573362  
(B2019004) LL(535) DFO(6604564-01)  

18-OCT-2019  
Add green port hand spar buoy, marked EW3  
(See Chart No. 1, Qg)  
This notice affects Electronic Navigational Chart: CA373090, CA573312  
(B2019007) DFO(6604565-01)
Add red starboard hand spar buoy, marked EW4
(See Chart No. 1, Qt)
This notice affects Electronic Navigational Chart: CA373090, CA573312
(B2019008) DFO(6604566-01)

04-OCT-2019
Amend Fl (3) to read Fl against light
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA373066
(D2018012) LL(1117) DFO(6604563-01)

04-OCT-2019
Amend Fl (3) 24s 118ft 9M to read Fl 10s 118ft 10M against light
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA373066
(D2018012) LL(1117) DFO(6604563-01)

04-OCT-2019
Amend Fl (3) 24s 118ft to read Fl 10s 118ft against light
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA373066
(D2018012) LL(1117) DFO(6604563-01)

25-OCT-2019
Delete lighted offshore platform with legend "GSF Grand Banks"
(See Chart No. 1, P2, L2)
This notice affects Electronic Navigational Chart: CA176030, CA276101
DFO(6308816-01)

Delete obstruction and legend "ODAS/SADO"
(See Chart No. 1, K40)
This notice affects Electronic Navigational Chart: CA176030
DFO(6308817-02)

11-OCT-2019
Delete radar transponder beacon
(See Chart No. 1, S3.1/S3.4)
This notice affects Electronic Navigational Chart: CA176030
DFO(6308728-17)

25-OCT-2019
Add subsurface Ocean Data Acquisition System ODAS/SADO with unknown depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA176030
DFO(6308815-01)
Add subsurface Ocean Data Acquisition System ODAS/SADO with unknown depth  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA176030, CA276101  
47°30′46.3″N 047°21′26.5″W  
*DFO(6308815-02)*

Add subsurface Ocean Data Acquisition System ODAS/SADO with unknown depth  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA176030, CA276101  
47°16′03.4″N 047°07′06.0″W  
*DFO(6308815-03)*

Add subsurface Ocean Data Acquisition System ODAS/SADO with unknown depth  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA176030  
47°01′23.1″N 046°52′43.4″W  
*DFO(6308815-04)*

Delete lighted offshore platform with legend "GSF Grand Banks"  
(See Chart No. 1, P2, L2)  
This notice affects Electronic Navigational Chart: CA176030, CA276101  
46°44′39.1″N 047°59′38.1″W  
*DFO(6308816-01)*

Delete obstruction, depth unknown  
(See Chart No. 1, K40)  
This notice affects Electronic Navigational Chart: CA176030, CA276477  
48°19′07.9″N 046°17′31.1″W  
*DFO(6308817-01)*

Delete obstruction and legend "ODAS/SADO"  
(See Chart No. 1, K40)  
This notice affects Electronic Navigational Chart: CA176030  
48°18′37.9″N 047°17′30.3″W  
*DFO(6308817-02)*

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18-OCT-2019  
LNM/D. 06-SEP-2019  
Reposition yellow ODAS/SADO lighted super-buoy, marked 41001  
(See Chart No. 1, Q58)  
from 34°35′19.7″N 072°40′32.2″W to 34°30′06.0″N 072°31′18.0″W  
*DFO(6308811-01)*

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

25-OCT-2019  
LNM/D. 31-MAY-2019  
Add yellow ODAS/SADO lighted pillar buoy Fl (5) Y 20s, marked 4400490  
(See Chart No. 1, Q58)  
This notice affects Electronic Navigational Chart: CA276206  
44°39′53.3″N 066°21′52.2″W  
*DFO(6308813-01)*


25-OCT-2019  
LNM/D. 23-AUG-2019  
Add yellow ODAS/SADO lighted pillar buoy Fl (5) Y 20s, marked 4400490  
(See Chart No. 1, Q58)  
This notice affects Electronic Navigational Chart: CA276206  
44°39′53.3″N 066°21′52.2″W  
*DFO(6308813-01)*
25-OCT-2019

Amend ON CERTAIN COPIES
Guysborough to read Guysborough
(See Chart No. 1, D3)
This notice affects Electronic Navigational Chart: CA276204

DFO(6308814-01)

25-OCT-2019

Add subsurface Ocean Data Acquisition System ODAS/SADO with unknown depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA176030, CA276101

DFO(6308815-02)

Add subsurface Ocean Data Acquisition System ODAS/SADO with unknown depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA176030, CA276101

DFO(6308815-03)

Delete lighted offshore platform, Mo(U) 15M, Fog Sig 30s with legend "GSF Grand Banks"
(See Chart No. 1, P2, L2, R20)
This notice affects Electronic Navigational Chart: CA176030, CA276101

DFO(6308816-01)

4230 - Little Hope Island to / à Cape St Marys - New Chart - 15-JUN-1990 - NAD 1983
11-OCT-2019

Add wreck Wk with known depth of 16.5 metres
(See Chart No. 1, K26)
This notice affects Electronic Navigational Chart: CA376018

DFO(6308803-01)

25-OCT-2019

Add light Fl R against red starboard hand spar buoy, marked YM8
(See Chart No. 1, Qf)
This notice affects Electronic Navigational Chart: CA476089

(F2019032) LL(586.01) DFO(6308783-01)

25-OCT-2019

Affix patch
This notice affects Electronic Navigational Chart: CA376083

DFO(6308802-01)

Add depth of 7.7 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA376083

DFO(6308802-03)
Add light Fl R against red starboard hand spar buoy, marked YM8 44°46′18.5″N 062°47′55.0″W
(See Chart No. 1, Qf)
This notice affects Electronic Navigational Chart: CA476089

Add light Fl R against red starboard hand spar buoy, marked YM12 44°46′57.0″N 062°49′09.3″W
(See Chart No. 1, Qf)
This notice affects Electronic Navigational Chart: CA476089

Add light Q G against green port hand spar buoy, marked YM17 44°48′08.0″N 062°50′30.1″W
(See Chart No. 1, Qg)
This notice affects Electronic Navigational Chart: CA476089

Add light Fl R against red starboard hand spar buoy, marked YM14 44°47′57.2″N 062°50′10.0″W
(See Chart No. 1, Qf)
This notice affects Electronic Navigational Chart: CA476089

Add wreck Wk with known depth of 16.5 metres 44°03′41.3″N 066°16′05.4″W
(See Chart No. 1, K26)
This notice affects Electronic Navigational Chart: CA376018

Amend (Priv) Iso 4s4m to read (Priv) Iso G 4s4m against light 46°09′00.9″N 060°13′21.0″W
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA576095

Amend (Priv) Iso 1s9m to read (Priv) Iso G 4s9m against light 46°08′57.7″N 060°13′27.6″W
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA576095

Affix patch 44°45′00.0″N 063°00′00.0″W

Replace depth of 4 feet with drying height of 1 foot 46°25′19.2″N 063°08′56.4″W
(See Chart No. 1, I10, I15)
11-OCT-2019  
Replace depth of 3 feet with drying height of 1 foot  
(See Chart No. 1, I10, I15)  
46°25′46.8″N 062°50′13.8″W  
DFO(6308731-05)

Replace depth of 4 feet with drying height of 0 feet  
(See Chart No. 1, I10, I15)  
46°25′31.8″N 062°50′20.4″W  
DFO(6308731-06)

11-OCT-2019  
Replace depth of 15 feet with drying height of 0 feet  
(See Chart No. 1, I10, I15)  
46°24′40.8″N 063°02′24.6″W  
DFO(6308731-07)

Replace depth of 9 feet with drying height of 0 feet  
(See Chart No. 1, I10, I15)  
46°24′56.6″N 063°02′26.5″W  
DFO(6308731-08)

Replace depth of 23 feet with depth of 3 feet  
(See Chart No. 1, I10)  
46°24′47.2″N 063°00′33.0″W  
DFO(6308731-09)

Delete dredged area with depth of 6 feet (1976)  
(See Chart No. 1, I22)  
46°24′33.5″N 063°01′47.9″W  
DFO(6308731-10)

Add drying height of 1 foot  
(See Chart No. 1, I15)  
46°24′32.4″N 063°01′46.8″W  
DFO(6308731-11)

25-OCT-2019  
Affix patch  
This notice affects Electronic Navigational Chart: CA379093  
50°10′47.5″N 061°51′21.6″W  
DFO(6410201-01)

11-OCT-2019  
Delete depth of 7 feet  
(See Chart No. 1, I10)  
46°27′15.6″N 063°17′58.8″W  
DFO(6308731-01)

Add drying height of 1 foot  
(See Chart No. 1, I15)  
46°27′16.2″N 063°17′59.4″W  
DFO(6308731-02)

Replace depth of 9 feet with drying height of 0 feet  
(See Chart No. 1, I10, I15)  
46°27′21.0″N 063°17′18.6″W  
DFO(6308731-03)
25-OCT-2019

Delete
- depth of 2 fathoms 4 feet
  (See Chart No. 1, I10)
  50°46'03.8"N 059°01'52.9"W
  DFO(6410195-01)

Add
- depth of 0 fathoms 1 foot
  (See Chart No. 1, I10)
  50°46'05.3"N 059°01'55.4"W
  DFO(6410195-02)

Add
- depth of 0 fathoms 1 foot
  (See Chart No. 1, I10)
  50°46'11.9"N 059°01'40.2"W
  DFO(6410195-03)

Add
- depth of 1 fathom 4 feet
  (See Chart No. 1, I10, I11)
  50°45'54.9"N 059°01'46.4"W
  DFO(6410195-04)

Add
- depth of 0 fathoms 3 feet
  (See Chart No. 1, I10)
  50°45'42.2"N 059°01'34.1"W
  DFO(6410195-05)

11-OCT-2019

Amend
- Fl 5s 78ft 5M to read Fl 5s78ft15M against light
  (See Chart No. 1, P16)
  47°04'28.0"N 055°51'34.0"W
  LL(102) DFO(6308728-01)

Amend
- Fl 10s149ft11M to read Iso 10s149ft15M against light
  (See Chart No. 1, P16)
  46°52'47.5"N 056°05'07.5"W
  LL(100) DFO(6308728-02)

Amend
- Fl 4s 64ft 12M to read Fl 4s64ft16M against light
  (See Chart No. 1, P16)
  46°50'47.7"N 055°47'50.2"W
  LL(76) DFO(6308728-03)

Amend
- Fl(2) 10s 158ft 25M to read Fl(2) 10s158ft22M against light
  (See Chart No. 1, P16)
  This notice affects Electronic Navigational Chart: CA376164
  46°45'54.4"N 056°09'14.0"W
  DFO(6308728-04)

Amend
- Fl WR 2s 43ft 11M & 8M to read Fl WR 2s33ft9M&6M against light
  (See Chart No. 1, P16)
  This notice affects Electronic Navigational Chart: CA376164
  46°47'55.0"N 056°08'54.2"W
  DFO(6308728-07)

Reposition
- yellow, black and yellow West cardinal lighted pillar whistle buoy
  Q(9) 15s, WHIS, marked Savoyard-SPM
  (See Chart No. 1, Q130.3)
  This notice affects Electronic Navigational Chart: CA376164
  from 46°45'25.3"N 056°15'17.3"W
to 46°45'25.6"N 056°15'09.1"W
  DFO(6308728-11)

Reposition
- yellow and black South cardinal lighted pillar whistle buoy
  Q(6) + LFI 15s, WHIS, marked La Marne - SPM
  (See Chart No. 1, Q130.3)
  This notice affects Electronic Navigational Chart: CA376164
  from 46°43'51.6"N 056°13'20.2"W
to 46°43'48.5"N 056°13'13.0"W
  DFO(6308728-12)
### Section 2 - Chart Corrections

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<tr>
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<th>Details</th>
<th>Chart Note</th>
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<td>46°52′47.5″N 056°05′07.5″W</td>
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<td>DFO(6308728-04)</td>
<td>46°45′54.4″N 056°09′14.0″W</td>
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<td>Fl(3) 15s115ft24M&amp;20M to read Fl(3)WR 15s108ft22M&amp;18M against light</td>
<td>DFO(6308728-10)</td>
<td>47°06′17.6″N 056°23′54.0″W</td>
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<td>yellow and black South cardinal lighted pillar whistle buoy Q(6) + LFI 15s, WHIS, marked La Marne - SPM</td>
<td>DFO(6308728-12)</td>
<td>from 46°43′52.9″N 056°13′18.8″W to 46°43′48.5″N 056°13′13.0″W</td>
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<td>yellow, black and yellow West cardinal pillar buoy</td>
<td>DFO(6308728-14)</td>
<td>from 47°01′54.0″N 056°31′40.5″W to 47°01′52.9″N 056°31′58.1″W</td>
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<td>46°46′52.7″N 056°10′49.8″W</td>
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11-OCT-2019
Amend Fl4s64ft12M to read Fl 4s64ft16M against light (See Chart No. 1, P16) 46°50′48.2″N 055°47′51.3″W LL(76) DFO(6308728-03)

11-OCT-2019
Delete light Fl (2) 10s 158ft 25M (See Chart No. 1, P16) 46°45′56.0″N 056°09′14.0″W DFO(6308728-05)
Add light Fl(2) 10s158ft22M (See Chart No. 1, P16) 46°45′54.4″N 056°09′14.0″W DFO(6308728-06)
Amend Fl W R 2s 43ft 11M & 8M to read Fl WR 2s33ft9M&6M against light (See Chart No. 1, P16) 46°47′55.0″N 056°08′54.2″W DFO(6308728-07)
Amend QR to read Fl(2)R 6s against light (See Chart No. 1, P16) 46°46′51.0″N 056°09′54.0″W DFO(6308728-08)
Reposition yellow, black and yellow West cardinal lighted pillar whistle buoy Q(9) 15s, WHIS, marked Savoyard-SPM (See Chart No. 1, Q130.3) 46°45′26.1″N 056°15′14.5″W to 46°45′25.6″N 056°15′09.1″W DFO(6308728-11)
Reposition black, yellow and black East cardinal lighted pillar whistle buoy Q(3) 10s, WHIS, marked Grande Basse - SPM (See Chart No. 1, Q130.3) 46°47′13.1″N 056°06′07.0″W to 46°47′15.8″N 056°06′04.2″W DFO(6308728-13)
Delete radar transponder beacon, marked Aero RC (See Chart No. 1, S3.1/S3.4) 46°45′44.9″N 056°10′09.7″W DFO(6308728-15)
Delete radar transponder beacon, marked R (See Chart No. 1, S3.1/S3.4) 46°46′52.7″N 056°10′49.8″W DFO(6308728-16)
Delete yellow and black South cardinal lighted pillar whistle buoy Q(6)+LFl15s, WHIS, marked La Marne - SPM (See Chart No. 1, Q130.3) 46°43′53.2″N 056°13′21.2″W DFO(6308728-18)

18-OCT-2019
Delete private yellow ODAS/SADO lighted pillar buoy Oc Y, Priv (See Chart No. 1, Q58) 49°07′57.0″N 058°15′45.6″W (N2019091) LL(197.1) DFO(6308809-01)
**4827 - Hare Bay to / à Fortune Head - New Chart - 13-AUG-2004 - NAD 1983**

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<td>11-OCT-2019</td>
<td>Amend Fl 5s24m5M to read Fl 5s24m15M against light (See Chart No. 1, P16)</td>
<td>47°04′28.0″N 055°51′34.0″W</td>
<td>LL(102) DFO(6308728-01)</td>
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<td>Amend Fl WR(3) 15s 35m 24M &amp; 20M to read Fl(3)WR 15s33m22M&amp;18M against light (See Chart No. 1, P16)</td>
<td>47°06′17.6″N 056°23′54.0″W</td>
<td>DFO(6308728-10)</td>
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**4832 - Fortune Bay: Southern Portion / Partie Sud - New Chart - 02-OCT-1987 - NAD 1983**

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<td>11-OCT-2019</td>
<td>Amend Fl 5s24m5M to read Fl 5s24m15M against light (See Chart No. 1, P16)</td>
<td>47°04′28.0″N 055°51′34.0″W</td>
<td>LL(102) DFO(6308728-01)</td>
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<th>Action</th>
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<tr>
<td>18-OCT-2019</td>
<td>Delete green port hand lighted spar buoy Fl G, marked A11 (See Chart No. 1, Qg)</td>
<td>47°17′33.4″N 053°58′50.9″W</td>
<td>LL(28.1) DFO(6308799-01)</td>
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<td>Add green port hand lighted spar buoy Fl G, marked A13 (See Chart No. 1, Qg)</td>
<td>47°17′26.4″N 053°59′05.2″W</td>
<td>LL(28.1) DFO(6308797-02)</td>
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<td>Delete red starboard hand lighted pillar buoy Fl R, marked A6 (See Chart No. 1, Qf)</td>
<td>47°19′34.3″N 053°58′10.2″W</td>
<td>LL(26) DFO(6308787-01)</td>
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<td>Add red starboard hand lighted pillar buoy Fl R, marked A6 (See Chart No. 1, Qf)</td>
<td>47°19′51.5″N 053°58′11.2″W</td>
<td>LL(26) DFO(6308787-02)</td>
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**4841 - Cape St Mary's to / à Argentia - New Edition - 29-MAY-2015 - NAD 1983**

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<td>18-OCT-2019</td>
<td>Delete red starboard hand lighted pillar buoy Fl R, marked A6 (See Chart No. 1, Qf)</td>
<td>47°19′34.3″N 053°58′10.2″W</td>
<td>LL(26) DFO(6308787-01)</td>
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<td>Add red starboard hand lighted pillar buoy Fl R, marked A6 (See Chart No. 1, Qf)</td>
<td>47°19′51.5″N 053°58′11.2″W</td>
<td>LL(26) DFO(6308787-02)</td>
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18-OCT-2019
Delete  depth of 14.1 metres  49°42'07.3"N 054°17'59.3"W
(See Chart No. 1, I10)  DFO(6308810-01)

Add  depth of 13.4 metres  49°42'07.5"N 054°17'56.6"W
(See Chart No. 1, I10)  DFO(6308810-02)

4909 - Richibucto Harbour - New Chart - 17-JUN-1988 - NAD 1983
25-OCT-2019
Delete  red starboard hand lighted pillar buoy QR, marked QA6  46°42'05.0"N 064°51'02.4"W
(See Chart No. 1, Qf)  (G2019097) LL(1148.4) DFO(6308768-01)
This notice affects Electronic Navigational Chart: CA476131

Add  red starboard hand lighted spar buoy QR, marked QA6  46°42'04.2"N 064°51'05.5"W
(See Chart No. 1, Qf)  (G2019097) LL(1148.4) DFO(6308768-02)
This notice affects Electronic Navigational Chart: CA476131

7011 - Hudson Strait/Đétroit D'Hudson to/à Groenland - New Edition - 02-SEP-1983 - Unknown
11-OCT-2019
Add  underwater rock of unknown depth, dangerous to surface navigation, Rep (2019)  62°33'30.0"N 050°26'12.0"W
(See Chart No. 1, K13)  DFO(6604570-01)

7776 - Dolphin and Union Strait - New Edition - 30-MAY-1997 - NAD 1983
25-OCT-2019
Add  obstruction with known depth of 3 metres, Rep (2019)  69°08'39.1"N 113°47'52.1"W
(See Chart No. 1, K41)  DFO(6604572-01)
This notice affects Electronic Navigational Chart: CA373343

7784 - Victoria Strait - New Chart - 03-JUL-1998 - NAD 1983
18-OCT-2019
Add  depth of 3.5 metres, Rep (2015). This notice only affects products purchased after June 08, 2018.  69°28'35.3"N 099°22'16.0"W
(See Chart No. 1, I10)  DFO(6604571-01)

Add  depth of 4.3 metres, Rep (2015). This notice only affects products purchased after June 08, 2018.  69°28'58.1"N 099°23'05.3"W
(See Chart No. 1, I10)  DFO(6604571-02)
25-OCT-2019
Add subsurface Ocean Data Acquisition System ODAS/SADO with unknown depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA176030, CA276101

DFO(6308815-02)

Add subsurface Ocean Data Acquisition System ODAS/SADO with unknown depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA176030, CA276101

DFO(6308815-03)

Add subsurface Ocean Data Acquisition System ODAS/SADO with unknown depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA176030

DFO(6308815-04)

Delete lighted offshore platform, Mo(U) 15M, Fog Sig 30s with legend “GSF Grand Banks”
(See Chart No. 1, P2, L2, R20)
This notice affects Electronic Navigational Chart: CA176030, CA276101

DFO(6308816-01)

Delete obstruction, depth unknown
(See Chart No. 1, K40)
This notice affects Electronic Navigational Chart: CA176030, CA276477

DFO(6308817-01)

Delete obstruction and legend “ODAS/SADO”
(See Chart No. 1, K40)
This notice affects Electronic Navigational Chart: CA176030

DFO(6308817-02)

25-OCT-2019
Delete obstruction, depth unknown
(See Chart No. 1, K40)
This notice affects Electronic Navigational Chart: CA176030, CA276477

DFO(6308817-01)
NO CORRECTIONS FOR THIS SECTION.
ATL 108 — Gulf of St. Lawrence (Southwest Portion), First Edition, 2006 —

Chapter 2 — In the vicinity of paragraph 108
Replace the **POINTE-AUX-LOUPS** diagram with the new one provided in **Section 4** of this Monthly Edition.

Chapter 2 — Paragraph 112, after “A breakwater, not attached to the shore,”
Delete: is 125 m NNE of the entrance of the harbour.
Replace by: is 121 m NNE of the entrance of the harbour.
Cautionary light **buoy YGR (1481.2)** is moored just to the north of the previously-mentioned breakwater. Starboard hand light **buoy YG2 (1481.1)** is moored at the entrance of the dredged area leading to the harbour.

Chapter 4 — Paragraph 210
Delete: “Floating wharves, … the south side of the wharf”
Replace by: The wharf is 126 m long

Chapter 4 — In the vicinity of paragraph 210
Replace the **PORT-DANIEL-EST** diagram with the new one provided in **Section 4** of this Monthly Edition.

Chapter 4 — In the vicinity of paragraph 216
Replace the **SAINT-GODEFROI** diagram with the new one provided in **Section 4** of this Monthly Edition.

Chapter 4 — Paragraph 234
Delete: 144 m
Replace by: 275 m

Chapter 4 — Delete paragraph 288
Replace by: A depth of 13.6 m lies 1 mile SE of Cap Gaspé. A shallow area with a depth of 25.3 m, situated 5 miles SE of Cap Gaspé, forms the NW part of **Banc des Américains**. Banc des Américains extends 10 miles to the SE where there is a depth of 13.3 m. **Tide rips** occur occasionally at these locations.
Chapter 4 — After paragraph 288.1
Insert: 288.2 The **Bancs-des-Américains Marine Protected Area** (MPA) extends from Île Bonaventure to near Cap Gaspé and eastward for more than 18 miles. The MPA includes Banc des Américains. Restrictions apply to this MPA and are described in the **Banc-des-Américains MPA Regulations**. For more information, please visit the Fisheries and Oceans Canada website at www.dfo-mpo.gc.ca.

(Q2019-053.2)


Chapter 2 — Delete paragraph 22
Replace by: 22 A depth of 13.6 m lies 1 mile SE of Cap Gaspé. A **shallow area** with a depth of 25.3 m, situated 5 miles SE of Cap Gaspé, forms the NW part of **Banc des Américains**. Banc des Américains extends 10 miles to the SE where there is a depth of 13.3 m. **Tide rips** occur occasionally at these locations.

(Q2019-053.3)

Chapter 2 — After paragraph 22
Insert: 22.1 The **Bancs-des-Américains Marine Protected Area** (MPA) extends from Île Bonaventure to near Cap Gaspé and eastward for more than 18 miles. The MPA includes Banc des Américains. Restrictions apply to this MPA and are described in the **Banc-des-Américains MPA Regulations**. For more information, please visit the Fisheries and Oceans Canada website at www.dfo-mpo.gc.ca.

(Q2019-053.4)

ATL 111 — St. Lawrence River — Île Verte to Québec and Fjord du Saguenay, Third Edition, 2007 —

Chapter 2 — Paragraph 71
Delete: “any vessel arriving from below the Port of Québec … onboard: tankers”
Replace by: any vessel of 65 m or more in length arriving from the downstream limit of the Port of Québec. They will also handle all ship movements in the port. The following types of departing downbound vessels are required to have a harbour pilot onboard: tankers from berths 86 or 87

(Q2019-052.1)

Chapter 2 — In the vicinity of paragraph 97
Replace the **BASSIN LOUISE** diagram with the new one provided in **Section 4** of this Monthly Edition.

(Q2019-060.1)

Chapter 2 — In the vicinity of paragraph 127
Delete the **Table 2.3 Port of Québec** and replace by the new **Table 2.3 Port of Québec** published in **Section 4** of this Monthly Edition.

(Q2019-052.2)
Chapter 2 — Paragraph 135
Delete: The companies Talbot et Hunter and Plourde Electro Marine,
Replace by: OCEAN Remorquage Québec,

(Q2019-052.3)

Chapter 2 — Paragraph 137
Delete: “The tug company … 1,200 HP.”
Replace by: OCEAN Remorquage Québec operates a fleet of five to six 4,000 HP to 8,000 HP tugs.

(Q2019-052.4)

ATL 112 — St. Lawrence River — Cap-Rouge to Montréal and Rivière Richelieu, Third Edition, 2009 —

Chapter 2 — In the vicinity of paragraph 252, Table 2.4 Port of Montreal — Wharves
Make the following change in the “Depth †” column.

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(Q2019-056.1)


Chapter 8 — After paragraph 115
Insert: 115.1 Two submarine cables (telecommunication), encased in cast iron pipes, are laid on the bottom of the river between Grenville and Hawkesbury. The cables extend from the shore east of the Long-Sault bridge in Grenville in a SW direction to 0.5 mile east of the Golden Anchor Marina in Hawkesbury.

(Q2019-064.1)

Chapter 8 — Adjacent to paragraph 115.1, add a caution pictograph.

(Q2019-064.2)
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.

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<th>Nominal Range</th>
<th>Description</th>
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<td>26</td>
<td>Argentia light buoy A6</td>
<td>47 19 51.5</td>
<td>11.2</td>
<td>Flood</td>
<td>Dry</td>
<td>RED, marked “A6”</td>
<td>Year round.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Argentia Harbour light buoy A13</td>
<td>47 17 26.4</td>
<td>053</td>
<td>59 05.2</td>
<td>Flood</td>
<td>Dry</td>
<td>Green spar, marked “A13”</td>
<td>Year round.</td>
</tr>
<tr>
<td>37.51</td>
<td>Chance Rock Fair Haven light buoy PFHS</td>
<td>47 31 63.2</td>
<td>053</td>
<td>54 06.6</td>
<td>Flood</td>
<td>Dry</td>
<td>Green spar, marked “PFHS”</td>
<td>Year round.</td>
</tr>
<tr>
<td>49.41</td>
<td>Isle Valen light buoy PV1</td>
<td>47 28 21.0</td>
<td>054</td>
<td>23 33.6</td>
<td>Flood</td>
<td>Dry</td>
<td>Green spar, marked “PV1”</td>
<td>Seasonal.</td>
</tr>
<tr>
<td>49.42</td>
<td>Isle Valen light buoy PV2</td>
<td>47 28 18.9</td>
<td>054</td>
<td>23 28.8</td>
<td>Flood</td>
<td>Dry</td>
<td>Red spar, marked “PV2”</td>
<td>Seasonal.</td>
</tr>
<tr>
<td>53.29</td>
<td>Petite Forte light buoy PE5</td>
<td>47 22 57.5</td>
<td>054</td>
<td>38 58.3</td>
<td>Flood</td>
<td>Dry</td>
<td>Green spar, marked “PE5”</td>
<td>Year round.</td>
</tr>
<tr>
<td>76</td>
<td>Lamaline (Allan’s Island) Light Station and Fog Signal</td>
<td>Lamaline 46 50 48.0</td>
<td>055</td>
<td>47 51.5</td>
<td>Flood</td>
<td>Dry</td>
<td>White square skeleton tower with red top.</td>
<td>Flash every 10 s; eclipse 3 s; horn – Blast 3 s; sil. 27 s; horn points S.</td>
</tr>
<tr>
<td>100</td>
<td>Green Island Light Station and Fog Signal</td>
<td>Point Crewe 46 52 47.0</td>
<td>056</td>
<td>05 68.5</td>
<td>Flood</td>
<td>Dry</td>
<td>Square skeleton tower, red and white rectangular daymark.</td>
<td>Flash every 10 s; operates 24 h; horn – Blast 4 s; sil. 56 s; horn points 089°.</td>
</tr>
</tbody>
</table>
### Section 5 – List of Lights, Buoys and Fog Signals Corrections

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
<th>Light Characteristics</th>
<th>Focal Height in m. above water</th>
<th>Nominal Range</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>102</td>
<td>Fortune Head Light Station and Fog Signal</td>
<td>H0325 Park, Fortune Head</td>
<td>FL W 5s</td>
<td>23.8</td>
<td>15</td>
<td>White skeleton tower with red top.</td>
<td>Flash 0.1 s; eclipse 4.9 s. Operates 24 h. Year round.</td>
</tr>
<tr>
<td>156</td>
<td>Colombier Islands Light Station and Fog Signal</td>
<td>H0239 On island, entrance to Burnt Island.</td>
<td>FL W 5s</td>
<td>18.3</td>
<td>15</td>
<td>Square skeleton tower.</td>
<td>Flash 0.5 s; eclipse 4.5 s. Operates 24 h. Year round.</td>
</tr>
<tr>
<td>172</td>
<td>Pancake Rock light buoy QP9</td>
<td>H0175 Port aux Basques</td>
<td>FL G 4s</td>
<td>....</td>
<td>....</td>
<td>Green spar, marked “QP9”.</td>
<td>Year round.</td>
</tr>
<tr>
<td>199</td>
<td>Trout River Light</td>
<td>H0175 Centre of island.</td>
<td>FL W 6s</td>
<td>24.3</td>
<td>6</td>
<td>Square skeleton tower, white rectangular daymark with red band at top and bottom.</td>
<td>Flash 1 s; eclipse 5 s. Year round.</td>
</tr>
<tr>
<td>214</td>
<td>Schooner Island Light</td>
<td>H0138 Approaches to Cooks Harbour, N. end of island.</td>
<td>FL W 6s</td>
<td>10.4</td>
<td>5</td>
<td>Square skeleton tower, red and white rectangular daymark.</td>
<td>Flash 1 s; eclipse 5 s. Seasonal.</td>
</tr>
<tr>
<td>389</td>
<td>Green Island Light (Rocky Bay)</td>
<td>H0597 Rocky Bay</td>
<td>FL W 6s</td>
<td>9.8</td>
<td>5</td>
<td>Rectangular skeleton tower, red rectangular daymark with white horizontal band.</td>
<td>Flash 0.5 s; eclipse 5.5 s. Visible 180°. Year round.</td>
</tr>
<tr>
<td>350</td>
<td>Grassy Island Light</td>
<td>H0664 Centre of island.</td>
<td>FL R 4s</td>
<td>11.7</td>
<td>4</td>
<td>Square skeleton tower, red and white square daymark.</td>
<td>Year round.</td>
</tr>
<tr>
<td>350.1</td>
<td>Point of Bay Wharf Light</td>
<td>H0664.5</td>
<td>FL R 4s</td>
<td>....</td>
<td>2</td>
<td>Mast.</td>
<td>2.6</td>
</tr>
<tr>
<td>No.</td>
<td>Name</td>
<td>Position</td>
<td>Light Characteristics</td>
<td>Focal Height m. above water</td>
<td>Nominal Range</td>
<td>Description</td>
<td>Remarks</td>
</tr>
<tr>
<td>------</td>
<td>-------------------------------------------</td>
<td>----------------</td>
<td>-----------------------</td>
<td>----------------------------</td>
<td>---------------</td>
<td>-------------------------------------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>350.12</td>
<td>Point of Bay Shoal light buoy DPB3</td>
<td>49 06' 15&quot; 14'.43&quot;</td>
<td>Fl G 4s</td>
<td>...</td>
<td></td>
<td>Green spar, marked &quot;DPB3&quot;.</td>
<td>Seasonal.</td>
</tr>
<tr>
<td>350.6</td>
<td>Phillips Head Wharf Light</td>
<td>49 05' 18&quot; 23'.0</td>
<td>Fl R 4s</td>
<td>...</td>
<td>4 Cylindrical Mast. 2.4</td>
<td>Cylindrical Mast. 2.4</td>
<td>Seasonal.</td>
</tr>
</tbody>
</table>

**ATLANTIC COAST**

**NOVA SCOTIA, SOUTHEAST COAST (LL 327 – 684.02)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
<th>Light Characteristics</th>
<th>Focal Height m. above water</th>
<th>Nominal Range</th>
<th>Description</th>
<th>Remarks</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>349</td>
<td>Long Rock Light and Fog Signal</td>
<td>On SE. end of island. 49 30' 26.2</td>
<td>LFl W 6s 28.3 11</td>
<td>White octagonal tower with red at top. 12.0</td>
<td>Flash 2 s; eclipse 4 s. Visible from 187° through W., N. and E. to 106°30'. Year round.</td>
<td>Horn – Blast 6 s; sil. 54 s. Omnidirectional.</td>
<td>Chart:4241 Edn 19/19 (F19-031)</td>
<td></td>
</tr>
<tr>
<td>580.3</td>
<td>Pyches Rock East Cardinal light and bell buoy YS</td>
<td>44 39' 50.3 30.6</td>
<td>Q(3) W 10s ...</td>
<td>Black yellow-black, marked &quot;YS&quot;.</td>
<td>Year round.</td>
<td>Chart:4236 Edn 19/19 (F19-036)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>586.01</td>
<td>Black Rock light buoy YM8</td>
<td>44 46' 18.5 55.0</td>
<td>Fl R 4s ...</td>
<td>Red spar, marked &quot;YM8&quot;.</td>
<td>Seasonal.</td>
<td>Chart:4236 Edn 19/19 (F19-032)</td>
<td></td>
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</tr>
<tr>
<td>586.03</td>
<td>Ship Harbour light buoy YM12</td>
<td>44 46' 57.0 09.3</td>
<td>Fl R 4s ...</td>
<td>Red spar, marked &quot;YM12&quot;.</td>
<td>Seasonal.</td>
<td>Chart:4236 Edn 19/19 (F19-033)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>586.04</td>
<td>Ship Harbour light buoy YM14</td>
<td>44 47' 57.2 10.0</td>
<td>Fl R 4s ...</td>
<td>Red spar, marked &quot;YM14&quot;.</td>
<td>Seasonal.</td>
<td>Chart:4236 Edn 19/19 (F19-035)</td>
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<tr>
<td>586.07</td>
<td>Ship Harbour light buoy YM17</td>
<td>44 48' 08.0 30.1</td>
<td>Q G 1s ...</td>
<td>Green spar, marked &quot;YM17&quot;.</td>
<td>Seasonal.</td>
<td>Chart:4236 Edn 19/19 (F19-034)</td>
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</table>

**CAPE BRETON ISLAND, N.S. (LL 704.85 – 882.5)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
<th>Light Characteristics</th>
<th>Focal Height m. above water</th>
<th>Nominal Range</th>
<th>Description</th>
<th>Remarks</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>785.84</td>
<td>Crawleys Creek range</td>
<td>46 09' 00.9 21.0</td>
<td>Iso G 4s 4.1 3</td>
<td>Pyramid tower, white daymark with black vertical stripe. 3.5</td>
<td>Privately maintained. Operates 24 h. Year round.</td>
<td>Chart:4266 Edn 19/19 (G19-108, 109, 112, 113)</td>
<td></td>
<td></td>
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<tr>
<td>785.85</td>
<td>Crawleys Creek range</td>
<td>23° 21' 174.5 m from front.</td>
<td>Iso G 4s 9.3 3</td>
<td>Pyramid tower, white daymark with black vertical stripe. 3.5</td>
<td>Privately maintained. Operates 24 h. Year round.</td>
<td>Chart:4266 Edn 19/19 (G19-108, 109, 112, 113)</td>
<td></td>
<td></td>
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</table>
### PRINCE EDWARD ISLAND (LL 942 – 1084.7)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
<th>Light Characteristics</th>
<th>Focal Height in m. above water</th>
<th>Nominal Range</th>
<th>Description</th>
<th>Height in meters above ground</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>948.5</td>
<td>Annandale light buoy NE</td>
<td>In Boughton Bay. 46° 14′ 31.2″ N. 062° 23′ 00.8″ W.</td>
<td>Mo(A) W 6s</td>
<td>.....</td>
<td>.....</td>
<td>Red and white vertical stripes, marked “NE”.</td>
<td>Seasonal.</td>
<td></td>
</tr>
<tr>
<td>948.6</td>
<td>Annandale Grand River East light buoy NE2</td>
<td>46° 14′ 55.8″ N. 062° 23′ 54.1″ W.</td>
<td>Fl R 4s</td>
<td>.....</td>
<td>.....</td>
<td>Red, marked “NE2”.</td>
<td>Seasonal.</td>
<td></td>
</tr>
<tr>
<td>950.1</td>
<td>Annandale Grand River East light buoy NE5</td>
<td>Boughton Bay. 46° 15′ 09.7″ N. 062° 24′ 30.9″ W.</td>
<td>Fl G 4s</td>
<td>.....</td>
<td>.....</td>
<td>Green, marked “NE5”.</td>
<td>Seasonal.</td>
<td></td>
</tr>
<tr>
<td>950.12</td>
<td>Annandale Grand River East light buoy NE7</td>
<td>46° 15′ 17.0″ N. 062° 24′ 59.9″ W.</td>
<td>Q G 1s</td>
<td>.....</td>
<td>.....</td>
<td>Green, marked “NE7”.</td>
<td>Seasonal.</td>
<td></td>
</tr>
<tr>
<td>950.15</td>
<td>Annandale Grand River East light buoy NE9</td>
<td>Grand River East. 46° 15′ 24.3″ N. 062° 25′ 19.9″ W.</td>
<td>Fl G 4s</td>
<td>.....</td>
<td>.....</td>
<td>Green spar, marked “NE9”.</td>
<td>Operates 24 h. Seasonal.</td>
<td></td>
</tr>
<tr>
<td>950.2</td>
<td>Annandale Grand River East light buoy NE10</td>
<td>SE. of Annandale wharf. 46° 15′ 25.2″ N. 062° 25′ 15.9″ W.</td>
<td>Fl R 4s</td>
<td>.....</td>
<td>.....</td>
<td>Red spar, marked “NE10”.</td>
<td>Seasonal.</td>
<td></td>
</tr>
<tr>
<td>951.5</td>
<td>Launching Point light buoy NY2</td>
<td>N. of Pagan Point. 46° 13′ 06.2″ N. 062° 24′ 05.8″ W.</td>
<td>Fl R 4s</td>
<td>.....</td>
<td>.....</td>
<td>Red spar, marked “NY2”.</td>
<td>Seasonal.</td>
<td></td>
</tr>
<tr>
<td>951.6</td>
<td>Cardigan River light buoy NJ2</td>
<td>Cardigan Bay. 46° 12′ 03.2″ N. 062° 29′ 51.2″ W.</td>
<td>Fl R 4s</td>
<td>.....</td>
<td>.....</td>
<td>Red, marked “NJ2”.</td>
<td>Seasonal.</td>
<td></td>
</tr>
<tr>
<td>951.7</td>
<td>Upper-Cardigan MacPhee Shoal light buoy NJ3</td>
<td>Cardigan Bay. 46° 12′ 02.7″ N. 062° 30′ 20.7″ W.</td>
<td>Fl G 4s</td>
<td>.....</td>
<td>.....</td>
<td>Green spar, marked “NJ3”.</td>
<td>Seasonal.</td>
<td></td>
</tr>
<tr>
<td>951.75</td>
<td>Cardigan River Morrison’s Beach light buoy NJ7</td>
<td>Morrison Beach. 46° 12′ 52.5″ N. 062° 32′ 07.1″ W.</td>
<td>Fl G 4s</td>
<td>.....</td>
<td>.....</td>
<td>Green, marked “NJ7”.</td>
<td>Seasonal.</td>
<td></td>
</tr>
<tr>
<td>951.8</td>
<td>Cardigan River light buoy NJ14</td>
<td>Green’s Point. 46° 13′ 24.2″ N. 062° 33′ 48.7″ W.</td>
<td>Fl R 4s</td>
<td>.....</td>
<td>.....</td>
<td>Red, marked “NJ14”.</td>
<td>Seasonal.</td>
<td></td>
</tr>
</tbody>
</table>

### NORTHUMBERLAND STRAIT (LL 1085 – 1165.9)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
<th>Light Characteristics</th>
<th>Focal Height in m. above water</th>
<th>Nominal Range</th>
<th>Description</th>
<th>Height in meters above ground</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1148</td>
<td>Richibucto Harbour light buoy QA2</td>
<td>N. of Pagan Point. 46° 41′ 57.8″ N. 064° 50′ 15.5″ W.</td>
<td>Q R 1s</td>
<td>.....</td>
<td>.....</td>
<td>Red spar, marked “QA2”.</td>
<td>Buoy may be repositioned due to shifting channel. Seasonal.</td>
<td></td>
</tr>
</tbody>
</table>

Chart:4935 Edn 10/19 (G19-076)

Chart:4935 Edn 10/19 (G19-076)

Chart:4935 Edn 10/19 (G19-076)

Chart:4935 Edn 10/19 (G19-076)

Chart:4935 Edn 10/19 (G19-076)

Chart:4935 Edn 10/19 (G19-076)

Chart:4935 Edn 10/19 (G19-076)
### Section 5 – List of Lights, Buoys and Fog Signals Corrections

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
<th>Light Characteristics</th>
<th>Focal Height in m. above water</th>
<th>Nominal Range</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1148.4</td>
<td>Richibucto Harbour Northwest Branch light buoy QA6</td>
<td>N. of McGuires Point</td>
<td>Q R 1s</td>
<td>04.2</td>
<td>Red spar, marked “QA6”. Buoy may be repositioned due to shifting channel. Seasonal.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1154</td>
<td>Kouchibougacis River light buoy XX4</td>
<td>46 46 064 50</td>
<td>Fl R 4s</td>
<td>04.4</td>
<td>Red, marked “XX4”. Buoy may be repositioned due to shifting channel. Seasonal.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1154.1</td>
<td>Kouchibougacis River light buoy XX13</td>
<td>46 46 064 51</td>
<td>Fl G 4s</td>
<td>02.5</td>
<td>Green, marked “XX13”. Buoy may be repositioned due to shifting channel. Seasonal.</td>
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</tbody>
</table>

### Inland Waters

**Lake Ontario (LL 403.4 – 551)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
<th>Light Characteristics</th>
<th>Focal Height in m. above water</th>
<th>Nominal Range</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>535</td>
<td>Burlington Canal South Pier Outer</td>
<td>On E. end of S. pier.</td>
<td>Iso G 4s 14.5 10</td>
<td>White square tower with green top.</td>
<td>Seasonal.</td>
<td>Chart:2067 Edn 10/19 (B19-004)</td>
<td></td>
</tr>
</tbody>
</table>

**Lake Superior (LL 1082 – 1161)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
<th>Light Characteristics</th>
<th>Focal Height in m. above water</th>
<th>Nominal Range</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1117</td>
<td>Battle Island</td>
<td>On W. end of island.</td>
<td>Fl W 10s 36.0 10</td>
<td>White octagonal tower with red top.</td>
<td>Flash 1 s; eclipse 9 s. Seasonal.</td>
<td>Chart:2312 Edn 10/19 (D18-012)</td>
<td></td>
</tr>
</tbody>
</table>
CANADIAN COAST GUARD – MARINE INFORMATION REPORT AND SUGGESTION SHEET

Name of Ship or Sender: ................................................................. Date: .................................................................

Address of Sender: ........................................................................................................................................

Street #

Street Name

Town / City: ...................................... Prov / State: ....................... Postal Code / Zip Code: .................................................................

Tel / Fax / E-mail address of sender: .................................................................................................................................

Observation Date: ................................................................. Time (UTC): .................................................................

Geographical Position: ........................................................................................................................................

Coordinate Position: Lat: ....................................................... Long: .................................................................

Position Method:  ❑ DGPS  ❑ GPS with WAAS  ❑ GPS  ❑ Radar  ❑ Other

Horizontal Datum Used:  ❑ WGS 84  ❑ NAD 27  ❑ Other

Estimated Position Accuracy: ........................................................................................................................................

Chart #: ........................................................................................................ Datum:  ❑ NAD 27  ❑ NAD 83

Chart Edition: ........................................................................................................ Last Correction applied: .................................................................

Publications affected (Quote edition and page number): .........................................................................................................................

*Full details (Attach additional sheets as necessary): .................................................................................................................................

Mariners are requested to notify the responsible authorities when new or suspected dangers to navigation are discovered, changes are observed in aids to navigation, or corrections to publications are seen to be necessary.

In the case of new or suspected dangers to navigation, it is important that all details be given in order to aid with future investigations. Items of interest include heights, depths, physical description, type of bottom and equipment method used to position the item. It is helpful to mark details on the chart, which will be promptly replaced by the Canadian Hydrographic Service.

Reports should be made to the nearest Marine Communications and Traffic Services Centre (MCTs) and should be confirmed in writing to:

Leader, Notices to Mariners
Canadian Coast Guard
Department of Fisheries and Oceans
Montreal, QC  H2Y 2E7
Notmar.XNCR@dfo-mpo.gc.ca

OR

Director General, Canadian Hydrographic Service &
Oceanographic Services
Department of Fisheries and Oceans
Ottawa, ON  K1A 0E6
CHSINFO@dfo-mpo.gc.ca

For general questions on Canadian Coast Guard programs or services, please send an e-mail to:

info@dfo-mpo.gc.ca