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Published Monthly by the

CANADIAN COAST GUARD

www.notmar.gc.ca/subscribe
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:

![Chart Correction Diagram]

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.
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  
  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.
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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.

(Recurrent 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/.
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](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.
**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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<tr>
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<td>48°05’52” N</td>
<td>69°42’24’’ W</td>
</tr>
<tr>
<td>B</td>
<td>48°06’27” N</td>
<td>69°41’30’’ W</td>
</tr>
<tr>
<td>S7</td>
<td>48°07’11” N</td>
<td>69°40’28’’ W</td>
</tr>
<tr>
<td>S8</td>
<td>48°03’30” N</td>
<td>69°40’15’’ W</td>
</tr>
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<td>C</td>
<td>48°08’32” N</td>
<td>69°39’56’’ W</td>
</tr>
<tr>
<td>D</td>
<td>48°07’15” N</td>
<td>69°43’45’’ W</td>
</tr>
<tr>
<td>E</td>
<td>48°08’21” N</td>
<td>69°43’35’’ W</td>
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**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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<td>69°57’17.62’’ W</td>
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<td>C</td>
<td>48°14’56.50’’ N</td>
<td>69°59’43.55’’ W</td>
</tr>
<tr>
<td>D</td>
<td>48°13’59.42’’ N</td>
<td>69°57’42.37’’ W</td>
</tr>
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**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° 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

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.

**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/
The following is an extract from Air Navigation Order, Series V, No. 6, the Canada Flight Supplement (CFS) and the Aeronautical Information Manual (AIM) and other documents:

1 None of the provisions in this order shall prevent the use, by an aircraft in distress, of any means at its disposal to attract attention, make known its position and obtain help.

Distress Signals

2 The following signals, used either together or separately, mean that grave and imminent danger threatens, and immediate assistance is requested:

Airborne

(a) a signal made by radiotelegraphy or by any other signalling method consisting of the group . . . - - - - - - - - - in Morse Code

(b) a signal sent by radiotelephony consisting of the spoken word Mayday, (3 times).

(c) When lost or in distress and unable to make radio contact, aircraft will fly two triangles as depicted, resume course, repeat at 5 minute intervals.
From the Ground

(a) rockets or shells throwing red lights, fired one at a time at short intervals,
(b) a parachute flare showing a red light,
(c) the two-flag signal corresponding to the letters NC of the International Code of Signals,
(d) a signal consisting of a square flag having above it or below it a ball or anything resembling a ball,
(e) a gun or other explosive signal fired at intervals of about a minute,
(f) a smoke signal giving off a volume of orange-coloured smoke.

3 The following procedures performed in sequence by an aircraft shall mean that the aircraft is directing a vessel towards an aircraft, ship or person in distress:

3 Signals used by aircraft engaged in search and rescue operations to direct ships towards an aircraft, ship or person in distress:

(a) CIRCLE the vessel at least once;
(b) CROSS the vessel's projected course close AHEAD at a low altitude while ROCKING the wings. (Opening and closing the throttle or changing the propeller pitch may also be practiced as an alternative means of attracting attention to that of rocking wings. This form of sound signal may be less effective.)
(c) HEAD in the direction in which the vessel is to be directed; and,
(d) if the vessel does not respond, repeat the manoeuvres described in (a), (b) and (c) with the same meaning.

Note: Opening and closing the throttle or changing the propeller pitch may also be practiced as an alternative means of attracting attention to that of rocking wings. However, this form of sound signal may be less effective than the visual signal of rocking the wings owing to high noise level on board the vessel.

4 The following procedure performed by an aircraft shall mean that the assistance of the vessel to which the signal is directed is no longer required: crossing the wake of the surface craft close astern at low altitude while rocking the wings (opening or closing the throttle or changing the propeller pitch may be used instead but is less effective).
Urgency Signals

4 (1) The following signals, used either together or separately, mean that an aircraft wishes to give notice of difficulties which compel it to land without requiring immediate assistance:

(a) the repeated switching on and off of the landing lights; or

(b) the repeated switching on and off of the navigation lights in such manner as to be distinct from flashing navigation lights.

(c) a succession of white pyrotechnical lights.

(2) The following signals, used either together or separately, mean that an aircraft has a very urgent message to transmit concerning the safety of a ship, aircraft or other vehicle, or some person on board or within sight:

(a) in radio/telegraphy, three repetitions of the group XXX, sent with the letters of each group and the successive groups clearly separated from each other;

(b) in radiotelephony, three repetitions of the expression PAN PAN;

(c) a succession of green pyrotechnical lights;

(d) a succession of green flashes with signal apparatus.

Safety Signals

6 The following signals, used either together or separately, mean that an aircraft is about to transmit a message concerning the safety of navigation or giving important meteorological warnings:

(a) in radio/telegraphy, three repetitions of the group TTT, sent with the letters of each group and the successive groups clearly separated from each other;

(b) in radio/telephony, the word SECURITE pronounced as the French word SÉCURITÉ, repeated three times, (to which correspond in English pronunciation the syllables SAYCURE-TAY).

Note: Annex IV 1(l) and (m) of Schedule I of the Collision Regulations provides for a radio signal for use by aircraft in distress for the purpose of actuating the auto-alarms of vessels and thus securing attention to distress calls or messages. The radiotelegraphy alarm signal consists of a series of 12 dashes, sent in 1 minute, the duration of each dash being 4 seconds, and the duration of the interval between 2 consecutive dashes, 1 second. The radiotelephone alarm signal consists of 2 sinusoidal tones (2200 and 1300 Hz) transmitted alternately, with each tone lasting 250 milliseconds, and sent for a period of at least 30 seconds but not exceeding 1 minute. To differentiate between coast stations and ship transmissions, the coast station alarm signal shall end in a continuous tone of 1300 Hz, lasting 10 seconds.

Authority:

Article 36 of the International Telegraphic Union Radio Regulations (Nos. 1463, 1464, 1465).

Reference:

Canada Flight Supplement
Aeronautical Information Manual, TC-1005920
*905  KETTLE ISLAND TO À MARTIN POINT – UNLIT BUOY REPOSITIONED

Reference Chart: 6259

The following unlit buoy has been permanently repositioned:

Playgreen Point spar buoy PX5 (LL 9752): 53° 50’ 55.4”N  097° 58’ 53.1”W

(A2019-012)

*906  PLAYGREEN LAKE TO AU LITTLE PLAYGREEN LAKE – UNLIT BUOY REPOSITIONED

Reference Chart: 6263

The following unlit buoy has been permanently repositioned:

Playgreen Lake spar buoy PP4 (LL 9749): 53° 54’ 35.5”N  097° 57’ 35.9”W

(A2019-011)

*907(P)  RIVIÈRE RISTIGOUCHE / RESTIGOUCHE RIVER – AIDS TO NAVIGATION TO BE DISCONTINUED

Reference Chart: 4426

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

Campbellton Wharf  (LL 1352.2) (48° 00’ 47.8”N  066° 39’ 53.8”W)
Restigouche River buoy EV18 (LL 6359.6) (48° 03’ 15.7”N  066° 32’ 12.9”W)
Baie d’Escuminac spar buoy EV12 (LL 6361) (48° 04’ 21.7”N  066° 29’ 15.9”W)

Comments on this action are solicited from mariners and other interested parties by December 27, 2019, three months following the initial publication date of September 27, 2019. Following this date, this notice will be cancelled. Comments should be directed to the following:

Superintendent, Renee Pope
Aids to Navigation and Waterways
Canadian Coast Guard
P.O. Box 5667
St. John’s, NL A1C 5X1
Telephone: (709) 772-2800
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.

(G2019-104, 105P, 106P, 107P)
**908(P)** RIVIÈRE RISTIGOUCHE / RESTIGOUCHE RIVER – UNLIT BUOYS TO BE REPOSITIONED

Reference Chart: 4426

The Canadian Coast Guard proposes to reposition the following aids to navigation:

Baie d'Escuminac spar buoy EV6 (LL 6349): 48° 05' 35.655"N 066° 25' 13.929"W

Restigouche River buoy EV8 (LL 6349.1): 48° 05' 08.924"N 066° 26' 35.040"W

Pointe au Chêne spar buoy EV9 (LL 6350): 48° 04' 31.397"N 066° 28' 04.851"W

Restigouche River spar buoy EV39 (LL 6352.5): 48° 01' 22.811"N 066° 38' 08.800"W

Restigouche River buoy EV42 (LL 6354.2): 48° 01' 00.000"N 066° 39' 33.860"W

Pointe à la Garde spar buoy EV29 (LL 6357): 48° 02' 23.750"N 066° 36' 08.494"W

Restigouche River buoy EV34 (LL 6357.1): 48° 01' 49.106"N 066° 37' 32.627"W

Pointe à la Batterie spar buoy EV25 (LL 6358): 48° 02' 31.183"N 066° 34' 41.300"W

Anse Busteed spar buoy EV20 (LL 6359): 48° 03' 01.515"N 066° 33' 03.362"W

Restigouche River buoy EV14 (LL 6359.1): 48° 03' 38.806"N 066° 30' 57.607"W

Pointe à la Garde spar buoy EV17 (LL 6359.5): 48° 03' 10.741"N 066° 32' 17.644"W

Restigouche River buoy EV21 (LL 6359.7): 48° 02' 43.361"N 066° 33' 51.390"W

Restigouche River buoy EV27 (LL 6359.8): 48° 02' 28.718"N 066° 35' 24.849"W

Pointe à la Garde buoy EV16 (LL 6360): 48° 03' 25.795"N 066° 31' 37.980"W

Comments on this action are solicited from mariners and other interested parties by December 27, 2019, three months following the initial publication date of September 27, 2019. Following this date, this notice will be cancelled. Comments should be directed to the following:

Superintendent, Renee Pope
Aids to Navigation and Waterways
Canadian Coast Guard
P.O. Box 5667
St. John's, NL A1C 5X1
Telephone: (709) 772-2800
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.

(G2019-104)

**909(P)** RIVIÈRE RISTIGOUCHE / RESTIGOUCHE RIVER – UNLIT BUOYS TO BE ESTABLISHED

Reference Chart: 4426

The Canadian Coast Guard proposes to establish the following aids to navigation:

Point La Nim spar buoy EV11 (LL 6351: 48° 04' 00.571"N 066° 29' 34.787"W)

Restigouche River spar buoy EV41 (LL 6354.1: 48° 01' 06.402"N 066° 38' 48.333"W)

Pointe à la Garde spar buoy EV33 (LL 6357.3: 48° 02' 08.534"N 066° 36' 55.888"W)

Comments on this action are solicited from mariners and other interested parties by December 27, 2019, three months following the initial publication date of September 27, 2019. Following this date, this notice will be cancelled. Comments should be directed to the following:

Superintendent, Renee Pope
Aids to Navigation and Waterways
Canadian Coast Guard
P.O. Box 5667
St. John’s, NL A1C 5X1
Telephone: (709) 772-2800
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.

(G2019-104)
*910(P)  BURGEO AND / ET RAMEA ISLANDS – NOTICE OF PROPOSED CHANGES

Reference Chart: 4825

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

<table>
<thead>
<tr>
<th>LL #</th>
<th>Aid Name</th>
<th>Position</th>
<th>Proposed Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>143</td>
<td>Boar Rock light and bell buoy QG2</td>
<td>47° 35’ 32.5&quot;N 057° 33’ 42.5&quot;W</td>
<td>Increase intensity of the lantern. Change the colour of the lantern to white. Change flash characteristics to Fl(2) 5s. Change the function of the buoy to &quot;Isolated Danger.&quot; Remove sound function.</td>
</tr>
<tr>
<td>143.5</td>
<td>Fish Island Rock light and bell buoy QG3</td>
<td>47° 37’ 03.7&quot;N 057° 35’ 06.9&quot;W</td>
<td>Remove sound function.</td>
</tr>
<tr>
<td>144.54</td>
<td>Sandbanks # 2 light buoy QV3.7</td>
<td>47° 35’ 56.0&quot;N 057° 39’ 00.0&quot;W</td>
<td>Reposition buoy to the following position: 47° 35’ 55.2&quot;N 057° 38’ 45.0&quot;W.</td>
</tr>
<tr>
<td>144.55</td>
<td>North of Douglas light buoy QV2.8</td>
<td>47° 36’ 03.0&quot;N 057° 37’ 42.1&quot;W</td>
<td>Increase intensity of the lantern.</td>
</tr>
</tbody>
</table>

Comments on this action are solicited from mariners and other interested parties by December 27, 2019, three months following the initial publication date of September 27, 2019. Following this date, this notice will be cancelled. Comments should be directed to the following:

Superintendent, Renee Pope
Aids to Navigation and Waterways
Canadian Coast Guard
P.O. Box 5667
St. John’s, NL A1C 5X1
Telephone: (709) 772-2800
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.

(N2019-088, 089)
"911(P) HOLYROOD AND / ET LONG POND – RANGE LIGHTS TO BE DISCONTINUED

Reference Chart: 4848

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

Holyrood Bay front range (LL 492.7) (47° 23’ 19.6”N 053° 07’ 39.8”W)
Holyrood Bay rear range (LL 492.8) (183°32’ 279.6 m from front)

Comments on this action are solicited from mariners and other interested parties by December 27, 2019, three months following the initial publication date of September 27, 2019. Following this date, this notice will be cancelled. Comments should be directed to the following:

Superintendent, Renee Pope
Aids to Navigation and Waterways
Canadian Coast Guard
P.O. Box 5667
St. John’s, NL A1C 5X1
Telephone: (709) 772-2800
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.

(N2019-092)

"912(P) BONAVISTA BAY: SOUTHERN PORTION / PARTIE SUD – LIGHT TO BE DISCONTINUED

Reference Chart: 4855

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

Happy Adventure West Wharf (LL 441.2) (48° 37’ 53.4”N 053° 46’ 05.0”W)

Comments on this action are solicited from mariners and other interested parties by December 27, 2019, three months following the initial publication date of September 27, 2019. Following this date, this notice will be cancelled. Comments should be directed to the following:

Superintendent, Renee Pope
Aids to Navigation and Waterways
Canadian Coast Guard
P.O. Box 5667
St. John’s, NL A1C 5X1
Telephone: (709) 772-2800
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.

(N2019-092)
27-SEP-2019

Delete depth of 4 metres 4 decimetres
(See Chart No. 1, I10)  
50°12'27.8"N 066°24'04.1"W  
DFO(6410200-01)

Add depth of 4 metres 0 decimetres
(See Chart No. 1, I10)  
50°12'29.3"N 066°24'06.4"W  
DFO(6410200-02)

Delete depth of 17 metres 4 decimetres
(See Chart No. 1, I10)  
50°11'45.7"N 066°24'05.6"W  
DFO(6410200-03)

Add depth of 17 metres 1 decimetre
(See Chart No. 1, I10)  
50°11'45.7"N 066°24'06.5"W  
DFO(6410200-04)

27-SEP-2019

Add reciprocal bearing of 302½°
(See Chart No. 1, Pe)  
50°11'32.0"N 066°22'42.0"W  
DFO(6410200-05)

13-SEP-2019

Add depth of 10.5 metres
(See Chart No. 1, I10)  
45°02'32.8"N 074°34'56.6"W  
This notice affects Electronic Navigational Chart: CA473233 
DFO(6604557-01)

20-SEP-2019

Add depth of 10.9 metres
(See Chart No. 1, I10)  
45°00'53.3"N 074°39'37.1"W  
This notice affects Electronic Navigational Chart: CA473232 
DFO(6604552-01)

1433 - Île St-Régis to/à Croil Islands B-C - New Edition - 26-DEC-2014 - World Geodetic System 1984
20-SEP-2019

Add wreck WK with known depth of 21.6 metres
(See Chart No. 1, K26)  
44°57'10.0"N 074°59'55.6"W  
This notice affects Electronic Navigational Chart: CA473232 
DFO(6604552-02)

20-SEP-2019

Add wreck WK with known depth of 21.6 metres
(See Chart No. 1, K26)  
44°57'10.0"N 074°59'55.6"W  
This notice affects Electronic Navigational Chart: CA473232 
DFO(6604552-02)
06-SEP-2019

Add depth of 28 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA473276

LNM/D. 30-JUN-2017

Add depth of 8.6 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA473276

DFO(6604556-01)

2018 - Lower Gap to/à Adolphus Reach - New Chart - 22-JUN-1990 - NAD 1983
06-SEP-2019

Add depth of 8.6 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA473276

LNM/D. 30-JUN-2017

Delete radar transponder beacon
(See Chart No. 1, S3.1/S3.4)

(BRITAD:Week 27/19 - 3284) DFO(6308741-01)

06-SEP-2019

Delete radar transponder beacon
(See Chart No. 1, S3.1/S3.4)

LNM/D. 23-AUG-2019

Amend Fl9s79ft16M to read LFl 6s67ft8M against light
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA276241

(F2019030) LL(167) DFO(6308772-01)

27-SEP-2019

Amend Fl9s79ft16M to read LFl 6s67ft8M against light
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA276241

LNM/D. 23-AUG-2019

Delete depth of 5 fathoms, 3 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286

DFO(6308745-04)

Add depth of 4 fathoms, 1 foot
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286, CA376248, CA476490

DFO(6308745-05)

Replace depth of 2 fathoms, 1 foot with depth of 0 fathoms, 5 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286

DFO(6308774-02)

Replace depth of 1 fathom with depth of 0 fathoms, 5 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286

DFO(6308791-10)

Add depth of 1 fathom
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286, CA476490

DFO(6308791-19)
Delete depth of 2 fathoms, 5 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286
46°06'00.6"N 062°26'07.4"W
DFO(6308791-20)

Replace depth of 1 fathom, 1 foot with depth of 0 fathoms, 5 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286
46°05'46.2"N 062°26'21.0"W
DFO(6308791-21)

Delete depth of 2 fathoms, 2 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286
46°10'08.6"N 062°28'46.0"W
DFO(6308791-22)

4020 - Strait of Belle Isle / Détroit de Belle Isle - New Edition - 26-JUL-2002 - NAD 1983
06-SEP-2019
Amend FIR to read FIY against light
(See Chart No. 1, P1)
This notice affects Electronic Navigational Chart: CA376094, CA476598
51°28'06.0"N 056°57'09.8"W
(N2019045) LL(228) DFO(6308758-01)

06-SEP-2019
Add red and white fairway lighted spar buoy Mo(A), marked ME
(See Chart No. 1, Qh)
This notice affects Electronic Navigational Chart: CA276286, CA476133
47°09'19.9"N 064°58'15.1"W
(G2019089) LL(1173.91) DFO(6308738-01)

13-SEP-2019
Delete depth of 5 fathoms, 3 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286
46°10'46.8"N 062°22'46.3"W
DFO(6308745-04)

Add depth of 4 fathoms, 1 foot
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286, CA376248, CA476490
46°10'43.8"N 062°22'36.6"W
DFO(6308745-05)

Replace depth of 2 fathoms, 1 foot with depth of 0 fathoms, 5 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286
45°58'23.4"N 062°51'46.2"W
DFO(6308774-02)

Replace depth of 1 fathom with depth of 0 fathoms, 5 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286
46°02'42.6"N 062°28'08.4"W
DFO(6308791-10)

Add depth of 1 fathom
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276286, CA476490
46°10'01.2"N 062°29'00.0"W
DFO(6308791-19)
<table>
<thead>
<tr>
<th>Action</th>
<th>Depth Details</th>
<th>Coordinates</th>
<th>Chart Numbers</th>
<th>Notice Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delete</td>
<td>depth of 2 fathoms, 5 feet</td>
<td>46°06'00.6&quot;N 062°26'07.4&quot;W</td>
<td>CA276286</td>
<td>DFO(6308791-20)</td>
</tr>
<tr>
<td></td>
<td>(See Chart No. 1, I10)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>This notice affects Electronic Navigational Chart:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DFO(6308791-21)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replace</td>
<td>depth of 1 fathom, 1 foot with depth of 0 fathoms,</td>
<td>46°05'46.2&quot;N 062°26'21.0&quot;W</td>
<td>CA276286</td>
<td>DFO(6308791-21)</td>
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20-SEP-2019

Affix patch


20-SEP-2019

Affix patch


06-SEP-2019

Delete depth of 4 fathoms, 4 feet

(See Chart No. 1, I10)

This notice affects Electronic Navigational Chart: CA376248

DFO(6308743-02)

Add depth of 3 fathoms, 2 feet

(See Chart No. 1, I10)

This notice affects Electronic Navigational Chart: CA376248, CA476490

DFO(6308743-03)

Add depth of 5 fathoms, 1 foot

(See Chart No. 1, I10)

This notice affects Electronic Navigational Chart: CA376248

DFO(6308743-04)

Replace depth of 6 fathoms with depth of 4 fathoms, 4 feet

(See Chart No. 1, I10)

This notice affects Electronic Navigational Chart: CA376248

DFO(6308743-06)

Add depth of 0 fathoms, 5 feet

(See Chart No. 1, I10)

This notice affects Electronic Navigational Chart: CA376248

DFO(6308743-08)
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Affix patch
This notice affects Electronic Navigational Chart: CA376248

13-SEP-2019

Add depth of 4 metres, 8 decimetres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA376691

Add depth of 4 metres, 9 decimetres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA376248, CA476490

Delete depth of 5.2 metres
(See Chart No. 1, I10)

Add depth of 3.2 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476490

Delete depth of 1.8 metres
(See Chart No. 1, I10)

Add depth of 1.6 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476490

Delete depth of 1.5 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476490

Delete depth of 1.5 metres
(See Chart No. 1, I10)

Add depth of 0.2 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476490

13-SEP-2019

Affix patch
This notice affects Electronic Navigational Chart: CA376161

DFO(6308791-01)
DFO(6308746-01)
DFO(6308791-05)
DFO(6308791-06)
DFO(6308791-08)
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DFO(6308743-07)  
Add | depth of 5 feet (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376248 46°19′55.2″N 062°16′45.6″W  
DFO(6308743-08)  
Add | depth of 11 feet (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376248 46°20′36.6″N 062°13′39.6″W  
DFO(6308743-11)  
Add | depth of 5 feet (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376248 |
| 4448 - Mabou Harbour - New Edition - 13-DEC-2002 - NAD 1983 | 20-SEP-2019 | LNM/D. 12-OCT-2018 | Reposition | green port hand lighted can buoy Fl G, marked VJ1 (See Chart No. 1, Qg) This notice affects Electronic Navigational Chart: CA576663 from 46°05′24.9″N 061°28′53.6″W to 46°05′26.3″N 061°28′52.3″W  
(G2019092) LL(874.52) DFO(6308763-01)  
Reposition | red starboard hand conical lighted buoy Fl R, marked VJ2 (See Chart No. 1, Qf) This notice affects Electronic Navigational Chart: CA576663 from 46°05′22.9″N 061°28′55.2″W to 46°05′23.7″N 061°28′52.7″W  
(G2019093) LL(874.53) DFO(6308764-01) |
DFO(6308742-01)  
Add | depth of 1 fathom (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376187 47°40′10.2″N 065°36′16.1″W  
DFO(6308742-02) |
Delete depth of 2 fathoms 1 foot  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA376187

Add breakwater with legend "Bkw"  
(See Chart No. 1, F4.1)  
This notice affects Electronic Navigational Chart: CA376187

Add breakwater in ruins with legend "Ru/Bkw"  
(See Chart No. 1, F33, F4.1)  
This notice affects Electronic Navigational Chart: CA376187

Delete pilot boarding station  
(See Chart No. 1, T1.1)  
This notice affects Electronic Navigational Chart: CA376187

Delete reported anchorage  
(See Chart No. 1, N10)  
This notice affects Electronic Navigational Chart: CA376187

27-SEP-2019  
LNM/D. 02-AUG-2019

Amend FIG to read Q G against buoy marked PE7  
(See Chart No. 1, P1, Qg)  
47°23′46.7″N 054°39′50.6″W  
(N2019076) LL(53.4) DFO(6308788-01)

4617 - Red Island to / à Pinchgut Point - New Edition - 30-APR-2010 - NAD 1983
27-SEP-2019  
LNM/D. 28-DEC-2018

Amend PFH3 to read PFH5 against buoy  
(See Chart No. 1, Q130.1)  
47°31′42.4″N 053°54′03.4″W  
(N2019065) LL(37.51) DFO(6308777-01)

20-SEP-2019  
LNM/D. 26-APR-2019

Reposition green port hand lighted spar buoy Fl G, marked QP9  
(See Chart No. 1, Qg)  
from 47°34′35.0″N 059°08′20.5″W to 47°34′34.8″N 059°08′22.0″W  
(N2019047) LL(172) DFO(6308760-01)

06-SEP-2019  
LNM/D. 11-JAN-2019

Delete green port hand lighted can buoy FlG, marked PN1  
(See Chart No. 1, Qg)  
46°50′37.4″N 055°48′45.7″W  
(N2019044P) LL(78.2) DFO(6308733-01)
06-SEP-2019
Amend
FIR to read FIY against light
(See Chart No. 1, P1)
This notice affects Electronic Navigational Chart: CA376094, CA476598

4844 - Cape Pine to / à Renews Harbour - New Edition - 08-MAR-2002 - NAD 1983
13-SEP-2019
Delete
wharf
(See Chart No. 1, F13)
This notice affects Electronic Navigational Chart: CA476108

Add
extension to pier
(See Chart No. 1, F14)
This notice affects Electronic Navigational Chart: CA476108

Reposition
light FIR
(See Chart No. 1, P1)
This notice affects Electronic Navigational Chart: CA476108

06-SEP-2019
Delete
pier
(See Chart No. 1, F14)
This notice affects Electronic Navigational Chart: CA476074

Add
pier
(See Chart No. 1, F14)
This notice affects Electronic Navigational Chart: CA476074

Replace
depth of 0.9 metres with depth of 1 metre
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476074
06-SEP-2019 LNM/D. 31-MAY-2019
Delete light FIR
(See Chart No. 1, P1)
This notice affects Electronic Navigational Chart: CA476073, CA576072
(See Chart No. 1, P1)
This notice affects Electronic Navigational Chart: CA476073
46°58'20.0"N 052°56'55.6"W
46°58'20.9"N 052°56'58.4"W

06-SEP-2019 LNM/D. 31-MAY-2019
Delete light FIR
(See Chart No. 1, P1)
This notice affects Electronic Navigational Chart: CA476073, CA576072
(See Chart No. 1, P1)
This notice affects Electronic Navigational Chart: CA476073
46°58'19.7"N 052°56'55.6"W
46°58'20.0"N 052°56'55.6"W

4855 - Bonavista Bay: Southern Portion / Partie sud - New Chart - 06-JUN-1997 - NAD 1983
06-SEP-2019 LNM/D. 06-NOV-2015
Amend FlR to read FlY against light
(See Chart No. 1, P1)
This notice affects Electronic Navigational Chart: CA376807
48°27'14.2"N 053°33'19.3"W
49°12'37.5"N 055°17'48.6"W

Amend Fl G 3s4M to read Fl G 6s against light
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA476657
49°12'37.5"N 055°17'48.6"W
49°12'14.2"N 053°33'19.3"W

06-SEP-2019 LNM/D. 01-JUN-2018
Delete red starboard hand lighted spar buoy QR, marked ME8
(See Chart No. 1, Qf)
This notice affects Electronic Navigational Chart: CA476133
47°08'35.7"N 065°00'04.2"W
47°08'48.1"N 064°59'25.0"W

Add red starboard hand lighted spar buoy QR, marked ME8
(See Chart No. 1, Qf)
This notice affects Electronic Navigational Chart: CA476133
47°08'48.1"N 064°59'25.0"W
47°08'35.7"N 065°00'04.2"W

Delete red starboard hand lighted spar buoy FI R, marked ME4
(See Chart No. 1, Qf)
This notice affects Electronic Navigational Chart: CA476133
47°09'17.0"N 064°58'14.0"W
47°09'17.0"N 064°58'14.0"W

Add red starboard hand lighted spar buoy FI R, marked ME4
(See Chart No. 1, Qf)
This notice affects Electronic Navigational Chart: CA476133
47°09'03.8"N 064°58'56.2"W
47°09'17.0"N 064°58'14.0"W
Add red and white fairway lighted spar buoy Mo(A), marked ME
(See Chart No. 1, Qh)
This notice affects Electronic Navigational Chart: CA276286, CA476133
47°09′19.9″N 064°58′15.1″W
(G2019089) LL(1173.91) DFO(6308738-01)

Add green port hand lighted spar buoy FlG, marked ME3
(See Chart No. 1, Qg)
This notice affects Electronic Navigational Chart: CA476133
47°08′59.8″N 064°58′45.1″W
(G2019090) LL(1174.5) DFO(6308739-01)

Add yellow cautionary lighted spar buoy Fl Y, marked MHC
(See Chart No. 1, Qm)
This notice affects Electronic Navigational Chart: CA476133
47°09′29.1″N 065°01′48.8″W
(G2019102) LL(1179.1) DFO(6308762-01)

06-SEP-2019
LNM/D. 01-JUN-2018
Delete light FIR
(See Chart No. 1, P1)
This notice affects Electronic Navigational Chart: CA376134
47°15′22.8″N 065°03′15.5″W
(G2019052) LL(1230.1) DFO(6308688-01)

Add light Fl R
(See Chart No. 1, P1)
This notice affects Electronic Navigational Chart: CA376134
47°15′23.4″N 065°03′10.8″W
(G2019053) LL(1229.2) DFO(6308689-01)

20-SEP-2019
LNM/D. 21-JUN-2019
Replace green port hand lighted pillar buoy FlG, marked EG25 with
green port hand lighted spar buoy FlG, marked EG25
(See Chart No. 1, Qg)
47°45′02.0″N 064°42′15.7″W
(G2005140) LL(1291) DFO(6308744-01)

Add obstruction with known depth of 3.8 metres
(See Chart No. 1, K41)
This notice affects Electronic Navigational Chart: CA476275
47°44′41.5″N 064°41′45.4″W
DFO(6308744-02)

Delete depth of 1.3 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476275
47°43′29.9″N 064°40′00.3″W
DFO(6308744-03)

Delete depth of 3.6 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476275
47°43′20.2″N 064°40′03.4″W
DFO(6308744-04)

Add depth of 0.6 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476275
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Add depth of 4 metres, 9 decimetres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA376248, CA476490  
46°01′33.6″N 062°33′54.0″W  
DFO(6308746-03)

Delete depth of 2 metres, 4 decimetres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA476490  
46°01′32.2″N 062°31′35.0″W  
DFO(6308746-04)

Add depth of 1 metre, 4 decimetres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA476490  
46°01′31.2″N 062°31′32.4″W  
DFO(6308746-05)

Affix patch  
This notice affects Electronic Navigational Chart: CA476490  
46°07′00.0″N 062°26′00.0″W  
DFO(6308791-02)

Add depth of 3.2 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA476490  
46°02′25.8″N 062°27′54.6″W  
DFO(6308791-06)

Delete depth of 2.4 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA476490  
46°02′40.1″N 062°28′07.9″W  
DFO(6308791-07)

Add depth of 1.6 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA476490  
46°02′42.6″N 062°28′08.4″W  
DFO(6308791-09)

Delete depth of 1.5 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA476490  
46°03′03.3″N 062°27′48.5″W  
DFO(6308791-11)

Add depth of 0.2 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA476490  
46°03′03.6″N 062°27′51.6″W  
DFO(6308791-13)

Delete depth of 2.4 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA476490  
46°03′39.5″N 062°27′44.5″W  
DFO(6308791-14)

Add depth of 1.3 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA476490  
46°03′42.0″N 062°27′44.4″W  
DFO(6308791-15)

Add depth of 1.3 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA476490  
46°10′10.2″N 062°31′04.8″W  
DFO(6308791-16)

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<td>green port hand spar buoy, marked X35</td>
<td>from 50°06'54.7&quot;N 096°54'41.1&quot;W to 50°06'55.8&quot;N 096°54'41.2&quot;W</td>
</tr>
<tr>
<td></td>
<td>(See Chart No. 1, Oq)</td>
<td>(A2019007) DFO(6604553-01)</td>
</tr>
<tr>
<td>Reposition</td>
<td>green port hand spar buoy, marked X39</td>
<td>from 50°06'54.0&quot;N 096°55'12.0&quot;W to 50°06'54.3&quot;N 096°55'13.3&quot;W</td>
</tr>
<tr>
<td></td>
<td>(See Chart No. 1, Oq)</td>
<td>(A2019008) DFO(6604554-01)</td>
</tr>
<tr>
<td>Reposition</td>
<td>green port hand spar buoy, marked X41</td>
<td>from 50°06'16.5&quot;N 096°56'01.2&quot;W to 50°06'16.8&quot;N 096°56'01.9&quot;W</td>
</tr>
<tr>
<td></td>
<td>(See Chart No. 1, Oq)</td>
<td>(A2019009) DFO(6604555-01)</td>
</tr>
</tbody>
</table>

### 6431 - East Channel, Lousy Point to/à Tuktoyaktuk Kilometre 1710 / Kilomètre 1766 - New Edition - 14-JAN-2011 - NAD 1983

27-SEP-2019

<table>
<thead>
<tr>
<th>Action</th>
<th>Details</th>
<th>Chart Numbers and Editions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amend</td>
<td>F G 22m to read F 22m against light</td>
<td>69°27'21.3&quot;N 133°00'00.5&quot;W</td>
</tr>
<tr>
<td></td>
<td>(See Chart No. 1, P16)</td>
<td>LL(2508) DFO(6604558-01)</td>
</tr>
<tr>
<td></td>
<td>This notice affects Electronic Navigational Chart: CA573407</td>
<td></td>
</tr>
</tbody>
</table>

### 7083 - Cambridge Bay to/à Shepherd Bay - New Edition - 25-MAR-2016 - Unknown

06-SEP-2019

<table>
<thead>
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<th>Action</th>
<th>Details</th>
<th>Chart Numbers and Editions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td>obstruction, depth unknown, Rep (2019)</td>
<td>69°55'03.7&quot;N 096°25'04.0&quot;W</td>
</tr>
<tr>
<td></td>
<td>(See Chart No. 1, K40)</td>
<td>DFO(6604551-01)</td>
</tr>
</tbody>
</table>
7568 - Lancaster Sound and/et Admiralty Inlet - New Chart - 05-JUL-1985 - Unknown
27-SEP-2019
Add obstruction, depth unknown, Rep (2019)
(See Chart No. 1, K40)
This notice affects Electronic Navigational Chart: CA273259
72°35'01.8"N 085°39'53.4"W
DFO(6604568-01)

7573 - M'Clintock Channel, Larsen Sound and/et Franklin Strait - New Chart - 25-FEB-2000 - NAD 1983
06-SEP-2019
Add obstruction, depth unknown, Rep (2019)
(See Chart No. 1, K40)
69°55'03.7"N 096°25'04.0"W
DFO(6604551-01)

27-SEP-2019
Amend F G to read F against light
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA573407
69°27'21.2"N 132°59'58.8"W
LL(2508) DFO(6604558-01)

27-SEP-2019
Amend F G 22m to read F 22m against light
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA573407
69°27'21.2"N 132°59'58.8"W
LL(2508) DFO(6604558-01)
PART 4 – Page 44

INSERT THE FOLLOWING:

4.2.8 Differential Global Positioning System (DGPS)

On September 30, 2018, the USCG terminated DGPS beacon signals at five of its broadcasting sites: Annapolis (Maryland), New Bern (North Carolina), Robinson Point (Washington), Pigeon Point (California) and Bobo (Mississippi). Four of those DGPS beacons were located far from Canadian waters, and thus signal termination of those locations did not impact mariners sailing in Canadian waters. However, the DGPS signal from Robinson Point, in Washington State, located approximately 60 nautical miles from the Canadian-US border, can no longer be used by mariners navigating the west coast of Canada.

On September 30, 2019, the United States Coast Guard will permanently discontinue the following DGPS sites: Appleton (Washington), Whidbey Island (Washington), Fort Stevens (Oregon). For more information consult: http://www.navcen.uscg.gov/ under the Nationwide DGPS tab.

Over the course of 2019, the USCG will be discontinuing 19 additional DGPS beacon sites. Some of those sites, located near the Great Lakes, provide DGPS signals in areas that are not covered by Canadian Coast Guard (CCG).

Chapter 3 — Paragraph 180
Delete: “; it affords anchorage in 10 to 20 fathoms (18 to 37 m)”

(N2019-08.5)


Chapter 3 — Paragraph 21
Delete: 0.8 m (3 ft)
Replace by: 0.2 m (1 ft)

(N2019-08.6)

Chapter 3 — In the vicinity of paragraph 46, Table of St. John’s Port Authority — Berths
Make the following changes in the “Depth †” and “Remarks” columns.

<table>
<thead>
<tr>
<th>Berth</th>
<th>Depth †</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>m (ft)</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>6.2-7.0 (20-23)</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>6.7-8.2 (22-27)</td>
<td></td>
</tr>
<tr>
<td>*18</td>
<td></td>
<td>Consists of three dolphins, 9 m (30 ft) square located 38, 76 and 128 m (125, 250 and 420 ft) ESE of the east end of Berth *17.</td>
</tr>
</tbody>
</table>

(N2019-08.7)

ATL 103 — Newfoundland — Southwest Coast, Second Edition, 2010 —

Chapter 3 — Paragraph 109, last line
Add: Marine farms are charted in Facheux Bay; caution is advised.

(N2019-08.8)

Chapter 3 — Adjacent to paragraph 109, add a caution pictograph.

(N2019-08.9)

ATL 106 — Gulf of Maine and Bay of Fundy, First Edition, 2001 —

Chapter 2 — Paragraph 117
Delete: “A fog signal of … horn points 240°.”

(A2019-006.8)

ATL 108 — Gulf of St. Lawrence (Southwest Portion), First Edition, 2006 —

Chapter 1 — Paragraph 33
Delete: Starboard hand light and bell buoy VJ2 (874.5)
Replace by: Fairway light buoy VJ (874.51)

(A2019-008.30)

Chapter 1 — Paragraph 149
Delete: 7 feet (2.1 m)
Replace by: 5 feet (1.6 m)

(A2019-008.31)
Chapter 4 — Paragraph 122
Delete: dredged to 5.5 m, (A2019-008.32)

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

Chapter 2 — Paragraph 4
Delete: *35 m
Replace by: *33 m (Q2019-062.1)

Chapter 2 — In the vicinity of paragraph 4, Table 2.2 Summary of air obstructions for this booklet
Make the following change in the “Cable with ice” column.

<table>
<thead>
<tr>
<th>Location</th>
<th>Type</th>
<th>Overhead clearance (on nautical charts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pont de Québec - Upstream</td>
<td>Cable</td>
<td>33 m</td>
</tr>
</tbody>
</table>

(Q2019-062.2)

Chapter 2 — Paragraph 124, after “vertical clearance of 48 m or”
Delete: *35 m
Replace by: *33 m (Q2019-062.3)

Chapter 3 — Paragraph 83
Delete: “The downstream wharf … close to the inner end.”
Replace by: The downstream wharf is in ruins but a ramp located at its inner end is in good condition. (Q2019-058.1)

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

APPENDICES — Table of marina facilities
CHAPTER 2: Trois-Rivières to Montréal
Delete all information pertaining to Marina Laforest at Repentigny. (Q2019-054.1)

CEN 301 — St. Lawrence River, Montréal to Kingston, Second Edition, 2010 —

Chapter 3 — Paragraph 77, after “the Iroquois Lock.”
Insert: There are the remains of a ruined pier running parallel with the north side of the canal, extending up to 11 m out from the shore. (C2019-013.01)

Chapter 3 — Adjacent to paragraph 77, add a caution pictograph. (C2019-013.02)

Chapter 1 — Paragraph 81
Delete: 10.1 to 11.5 m (33 to 38 ft) in 1994.
Replace by: 8.6 to 11.5 m (28 to 38 ft) in 2019.

(C2019-014.01)


Chapter 7 — Paragraph 148, after “marked by buoys”
Delete: and a lighted bell buoy on the S side

(C2019-015.01)
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.

<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>53.4</td>
<td>Petite Forte Inner light buoy PE7</td>
<td>47 23 46.1 Q G 1s</td>
<td>.....</td>
<td>Green spar, marked “PE7”.</td>
<td>Year round.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>55.8</td>
<td>Rushoon Breakwater Light</td>
<td>47 20 52.0 F R 4s</td>
<td>..... 2</td>
<td>Cylindrical Mast. 2.5</td>
<td>Seasonal.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>78.2</td>
<td>Lamaline Road light buoy PN1</td>
<td></td>
<td></td>
<td>Delete from list.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NEWFOUNDLAND AND LABRADOR COAST**

**PLACENTIA BAY (LL 14.4 – 79)**

<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>53.4</td>
<td>Petite Forte Inner light buoy PE7</td>
<td>47 23 46.1 Q G 1s</td>
<td>.....</td>
<td>Green spar, marked “PE7”.</td>
<td>Year round.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>55.8</td>
<td>Rushoon Breakwater Light</td>
<td>47 20 52.0 F R 4s</td>
<td>..... 2</td>
<td>Cylindrical Mast. 2.5</td>
<td>Seasonal.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>78.2</td>
<td>Lamaline Road light buoy PN1</td>
<td></td>
<td></td>
<td>Delete from list.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WEST COAST (LL 173 – 208.2)**

<table>
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<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>199.4</td>
<td>Trout River Wharf Light</td>
<td>49 28 51.1 F G 4s 2.6</td>
<td>2 Mast.</td>
<td>2.2</td>
<td>Seasonal.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>Woody Point Light</td>
<td>49 30 17.2 F R 4s 13.7</td>
<td>4 White pyramid tower with red top.</td>
<td>7.3</td>
<td>Visible 180°.</td>
<td>Seasonal.</td>
<td></td>
</tr>
</tbody>
</table>

**STRAIT OF BELLE ISLE (LL 211 – 234)**

<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>213.58</td>
<td>Flowers Cove Inner light buoy XF8</td>
<td>51 17 52.2 F R 4s</td>
<td>.....</td>
<td>Red spar, marked “XF8”.</td>
<td>Seasonal.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>228</td>
<td>Forteau Wharf Forteau Harbour Light</td>
<td>51 26 50.9 F Y 4s 5.0</td>
<td>Cylindrical Mast. 2.6</td>
<td>Seasonal.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**BAY OF EXPLOITS (LL 347 – 353.9)**

<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>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>351</td>
<td>Lower Sandy Point Light</td>
<td>49 12 36.0 F G 6s 5.5</td>
<td>Square skeleton tower, green and white square daymark on 3 sides</td>
<td>Flash 0.5 s; eclipse 5.5 s.</td>
<td>Year round.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>397</td>
<td>Musgrave Harbour Breakwater Light</td>
<td>49 27 32.6 F R 3s 3.0</td>
<td>Mast. 2.4</td>
<td>Flash 0.5 s; eclipse 2.5 s.</td>
<td>Seasonal.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**BONAVISTA BAY (LL 396 – 449.5)**

<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>397</td>
<td>Musgrave Harbour Breakwater Light</td>
<td>49 27 32.6 F R 3s 3.0</td>
<td>Mast. 2.4</td>
<td>Flash 0.5 s; eclipse 2.5 s.</td>
<td>Seasonal.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Monthly Notices to Mariners

**Section 5 – List of Lights, Buoys and Fog Signals Corrections**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position — Latitude N., Longitude W.</th>
<th>Light Characteristics</th>
<th>Focal Height in m. above water</th>
<th>Nominal Range</th>
<th>Description — Height in meters above ground</th>
<th>Remarks — Fog Signals</th>
</tr>
</thead>
<tbody>
<tr>
<td>442.519</td>
<td>Summerville Wharf Light</td>
<td>48°27′14.0″N, 053°33′17.2″W</td>
<td>Fl Y 4s</td>
<td>.....</td>
<td>2</td>
<td>Cylindrical mast.</td>
<td>Seasonal.</td>
</tr>
<tr>
<td>H0540.68</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Chart:4855 Edn 09/19 (N19-021)</td>
</tr>
</tbody>
</table>

### CAPE ST. FRANCIS TO RENEWS (LL 499 – 516)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position — Latitude N., Longitude W.</th>
<th>Light Characteristics</th>
<th>Focal Height in m. above water</th>
<th>Nominal Range</th>
<th>Description — Height in meters above ground</th>
<th>Remarks — Fog Signals</th>
</tr>
</thead>
<tbody>
<tr>
<td>511.3</td>
<td>Fermeuse Inner Harbour Inner Wharf Light</td>
<td>46°58′20.9″N, 052°56′58.4″W</td>
<td>Fl R 4s</td>
<td>.....</td>
<td>2</td>
<td>Cylindrical Mast.</td>
<td>Year round.</td>
</tr>
<tr>
<td>H0448.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chart:4845 Edn 09/19 (N19-023)</td>
</tr>
<tr>
<td>515.51</td>
<td>Renews Wharf Light</td>
<td>46°55′59.4″N, 052°55′59.4″W</td>
<td>Fl R 4s</td>
<td>.....</td>
<td>2</td>
<td>Mast.</td>
<td>Year round.</td>
</tr>
<tr>
<td>H0447</td>
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<td></td>
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<td></td>
<td>Chart:4844 Edn 09/19 (N19-022)</td>
</tr>
</tbody>
</table>

### ATLANTIC COAST

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

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position — Latitude N., Longitude W.</th>
<th>Light Characteristics</th>
<th>Focal Height in m. above water</th>
<th>Nominal Range</th>
<th>Description — Height in meters above ground</th>
<th>Remarks — Fog Signals</th>
</tr>
</thead>
<tbody>
<tr>
<td>874.52</td>
<td>Mabou Harbour light buoy VJ1</td>
<td>46°05′26.3″N, 061°28′52.3″W</td>
<td>Fl G 4s</td>
<td>.....</td>
<td>.....</td>
<td>Green, marked “VJ1”.</td>
<td>Seasonal.</td>
</tr>
<tr>
<td>874.53</td>
<td>Mabou Harbour light buoy VJ2</td>
<td>46°05′23.7″N, 061°28′52.7″W</td>
<td>Fl R 4s</td>
<td>.....</td>
<td>.....</td>
<td>Red, marked “VJ2”.</td>
<td>Seasonal.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chart:4448 Edn 09/19 (G19-092)</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Chart:4448 Edn 09/19 (G19-093)</td>
</tr>
</tbody>
</table>

#### GULF OF ST. LAWRENCE (LL 883.2 – 940.3, 1169.1 – 1426, 1477.5 – 1584)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position — Latitude N., Longitude W.</th>
<th>Light Characteristics</th>
<th>Focal Height in m. above water</th>
<th>Nominal Range</th>
<th>Description — Height in meters above ground</th>
<th>Remarks — Fog Signals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1172.5</td>
<td>The Lump light buoy M6</td>
<td>47°06′26.6″N, 064°58′10.4″W</td>
<td>Fl R 4s</td>
<td>.....</td>
<td>.....</td>
<td>Red spar, marked “M6”.</td>
<td>Seasonal (in place year round).</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chart:4911 Edn 09/19 (G19-083)</td>
</tr>
<tr>
<td>1173.8</td>
<td>Spit Shoal light buoy M15/3</td>
<td>47°08′29.5″N, 065°00′16.7″W</td>
<td>Q G 1s</td>
<td>.....</td>
<td>.....</td>
<td>Green spar, marked “M15/3”.</td>
<td>Seasonal (in place year round).</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chart:N/A Edn 09/19 (G19-086)</td>
</tr>
<tr>
<td>1173.91</td>
<td>Portage Island Channel Fairway light buoy ME</td>
<td>47°09′19.9″N, 064°58′15.1″W</td>
<td>Mo(A) W 6s</td>
<td>.....</td>
<td>.....</td>
<td>Red and white vertical striped spar, marked “ME”.</td>
<td>Seasonal.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chart:4911 Edn 09/19 (G19-089)</td>
</tr>
<tr>
<td>1174</td>
<td>Portage Island Channel light buoy ME4</td>
<td>47°09′03.8″N, 064°58′56.2″W</td>
<td>Fl R 4s</td>
<td>.....</td>
<td>.....</td>
<td>Red spar, marked “ME4”.</td>
<td>Seasonal.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chart:4911 Edn 09/19 (G19-087)</td>
</tr>
<tr>
<td>1174.5</td>
<td>Portage Island Channel light buoy ME3</td>
<td>47°08′59.8″N, 064°58′45.1″W</td>
<td>Fl G 4s</td>
<td>.....</td>
<td>.....</td>
<td>Green spar, marked “ME3”.</td>
<td>Seasonal.</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Chart:4911 Edn 09/19 (G19-090)</td>
</tr>
<tr>
<td>1175</td>
<td>Portage Island Channel light buoy ME8</td>
<td>47°08′43.1″N, 064°59′25.0″W</td>
<td>Q R 1s</td>
<td>.....</td>
<td>.....</td>
<td>Red spar, marked “ME8”.</td>
<td>Seasonal.</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chart:4911 Edn 09/19 (G19-085)</td>
</tr>
</tbody>
</table>
### List of Lights, Buoys and Fog Signals

<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>
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<th>Remarks</th>
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<td>Portage Island Cautionary light buoy MHC</td>
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<td>Yellow spar, marked &quot;MHC&quot;</td>
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<td>1229.2</td>
<td>Lower Neguac Breakwater Light</td>
<td>47 15 23.4</td>
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<td>Pipe swing pole, red and white triangular daymark.</td>
<td>Flash 1 s, eclipse 3 s.</td>
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<td>1011.18</td>
<td>Victoria Harbour light buoy NX19/5</td>
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<td>1011.19</td>
<td>Victoria Harbour light buoy NX20</td>
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Please note that corrections to this section are now published in the *Notices to Mariners - Western Monthly Edition* only.
# CANADIAN COAST GUARD – MARINE INFORMATION REPORT AND SUGGESTION SHEET

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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