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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.

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

* 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

**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

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

* Service available in English and French.

\(^1\) 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/](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 meters) 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 meters 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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Reference system: NAD83

Data sources: Parks Canada, Sêpaq, BNFT

**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
**801** IMPORTANT AMENDMENT: GULF OF ST. LAWRENCE – PROTECTION OF THE NORTH ATLANTIC RIGHT WHALE

(Please note that this notice replaces notice *701/19. All changes 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 NARW's, 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**
- **47° 30' N 061° 00' W**
- **46° 30' N 061° 00' W**
- **46° 30' N 062° 30' W**
- **46° 30' 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 or 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.
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. If 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/
### CANADIAN HYDROGRAPHIC SERVICE – NAUTICAL CHARTS

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<thead>
<tr>
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<td>Bonne Bay</td>
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### CANADIAN HYDROGRAPHIC SERVICE – ELECTRONIC NAVIGATIONAL CHARTS

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<td>CA479258</td>
<td>Passage Saint-Augustin</td>
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<td>CA576711</td>
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### CANADIAN HYDROGRAPHIC SERVICE – RASTER DIGITAL CHARTS (BSB V3)

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<tr>
<td>RM-4529</td>
<td>Fogo Harbour / Seal Cove and Approaches / et les approches</td>
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</tbody>
</table>
**805**  TRANSPORT CANADA – AMENDMENT TO SHIP SAFETY BULLETIN #11/2019

A Ship Safety Bulletin has recently been amended and posted to the Transport Canada website at www.tc.gc.ca/ssb-bsn/.

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

**SSB#11/2019 Amended** – Protecting the North Atlantic right whale: New speed restriction measures in the Gulf of St. Lawrence
RDIMS#15505520

Sign yourself up for e-Bulletin to receive an e-mail notice each time a new Ship Safety Bulletin is published on our website.

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

**806**  CANADIAN COAST GUARD PUBLICATION – AMENDMENTS TO NOTICES TO MARINERS ANNUAL EDITION 2019 - SECTION A2, NOTICE 5: GENERAL GUIDELINES FOR AQUATIC SPECIES AT RISK AND IMPORTANT MARINE MAMMAL AREAS

Page 17:  

AMEND

The Interim Order sets out two new mandatory measures for vessels operating in certain areas of the waters of southern British Columbia to reduce physical and acoustic disturbance to killer whales, specifically:

(1) An increase of the minimum approach distance to 400 metres for all killer whales within Southern Resident Killer Whale critical habitat, and

(2) The establishment of three Interim Sanctuary Zones off the south-west coast of Pender Island and south-east end of Saturna Island, and at Swiftsure Bank

Further information on the order can be found here: https://www.tc.gc.ca/en/campaigns/working-together.html

TO READ

The Interim Order sets out two new mandatory measures for vessels operating in certain areas of the waters of southern British Columbia to reduce physical and acoustic disturbance to killer whales, specifically:

(1) An increase of the minimum approach distance to 400 metres for all killer whales within Southern Resident Killer Whale critical habitat, and

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Further information on the order can be found here: https://www.tc.gc.ca/eng/mediaroom/interim-order-protection-killer-whales-waters-southern-british-columbia.html
AMEND

5 General Remarks

A limited number of icebreakers are available for the support of shipping and these are heavily committed. It is emphasized, therefore, that it may not be possible to provide icebreaker support at short notice. In order to make the most efficient use of all available resources, it is important that the MCTS Centre’s are kept informed of the position and projected movements of vessels in Canadian waters.

Icebreaking Website: http://www.ccg-ggc.gc.ca/Icebreaking/home
General Information: ice-glace@dfo-mpo.gc.ca

TO READ

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Icebreaking Website: http://www.ccg-ggc.gc.ca/Icebreaking/home
General Information: info@dfo-mpo.gc.ca

*808 CANADIAN COAST GUARD PUBLICATION – REMOVAL OF THE SAINT-PIERRE AND MIQUELON SECTION FROM THE LIST OF LIGHTS, BUOYS AND FOG SIGNALS

Please note that the Canadian Coast Guard will no longer publish French aids to navigation in its List of Lights, Buoys and Fog Signals publication. Please refer to the following link to acquire the French Feux et signaux de brume publication: https://diffusion.shom.fr/pro/navigation/ouvrages/feux-et-signaux-de-brume-l-d.html

Please consult the table below for details about the affected section and action taken.

<table>
<thead>
<tr>
<th>Newfoundland and Labrador Coast Volume</th>
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<tbody>
<tr>
<td><strong>List of Lights #</strong></td>
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</tbody>
</table>

(N2019-079)
LOCKEPORT TO / À CAPE SABLE – UNLIT BUOY REPOSITIONED

Reference Chart: 4241

The following unlit buoy has been permanently repositioned:

Barrington Bay JT52 (LL 5333.08): 43° 31' 43.4"N  065° 34' 33.2"W

(F2019-023)

TAYLORS HEAD TO / À SHUT-IN ISLAND – BELL TO BE DISCONTINUED

Reference Chart: 4236

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

Codray Shoal light and bell buoy HH2 (LL 565) (44° 40' 24.5"N  063° 10' 38.6"W)
Psyche Rock East Cardinal light and bell buoy YS (LL 580.3) (44° 39' 50.3"N  062° 50' 30.6"W)

The buoys and their lights will remain.

Comments on this action are solicited from mariners and other interested parties by November 29, 2019, three months following the initial publication date of August 30, 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.

(F2019-026, 027)
**812(P)**  
**LIVERPOOL HARBOUR – NOTICE OF PROPOSED CHANGES**

Reference Chart: 4379

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>408.5</td>
<td>Brooklyn Pier light buoy UM52</td>
<td>44° 02' 38.4&quot;N 064° 41' 32.3&quot;W</td>
<td>Reduce the size of the buoy. Remove red lantern.</td>
</tr>
<tr>
<td>410</td>
<td>Fort Point Shoal light buoy UM53</td>
<td>44° 02' 46.3&quot;N 064° 42' 03.9&quot;W</td>
<td>Increase light intensity.</td>
</tr>
<tr>
<td>410.5</td>
<td>Liverpool Harbour light buoy UM58</td>
<td>44° 02' 47.5&quot;N 064° 42' 26.4&quot;W</td>
<td>Increase light intensity.</td>
</tr>
<tr>
<td>411</td>
<td>Liverpool Harbour light buoy UM59</td>
<td>44° 02' 43.7&quot;N 064° 42' 30.5&quot;W</td>
<td>Increase the size of the buoy. Increase light intensity.</td>
</tr>
<tr>
<td>411.5</td>
<td>Liverpool Harbour light buoy UM60</td>
<td>44° 02' 43.8&quot;N 064° 42' 36.0&quot;W</td>
<td>Increase the size of the buoy. Increase light intensity.</td>
</tr>
<tr>
<td>412.3</td>
<td>Liverpool Harbour light buoy UM64</td>
<td>44° 02' 33.3&quot;N 064° 42' 49.3&quot;W</td>
<td>Increase the size of the buoy. Increase light intensity.</td>
</tr>
<tr>
<td>5408.51</td>
<td>Neils Ledge spar buoy UM50</td>
<td>44° 02' 14.9&quot;N 064° 40' 18.8&quot;W</td>
<td>Establish red lantern with flash characteristics: Flash 0.5 s; eclipse 3.5 s.</td>
</tr>
<tr>
<td>5410.6</td>
<td>Liverpool Harbour spar buoy UM62</td>
<td>44° 02' 36.4&quot;N 064° 42' 45.4&quot;W</td>
<td>Increase the size of the buoy.</td>
</tr>
<tr>
<td>5410.9</td>
<td>Liverpool Harbour spar buoy UM61</td>
<td>44° 02' 39.3&quot;N 064° 42' 38.2&quot;W</td>
<td>Increase the size of the buoy.</td>
</tr>
</tbody>
</table>

Comments on this action are solicited from mariners and other interested parties by November 29, 2019, three months following the initial publication date of August 30, 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.

(F2019-029)
**813(P)** LITTLE BAY ISLAND TO / À LEAGUE ROCK – LIGHT TO BE DISCONTINUED

Reference Chart: 4592

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

Macks Island (LL 332.2) (49° 38' 30.2" N 055° 46' 54.3" W)

Comments on this action are solicited from mariners and other interested parties by November 29, 2019, three months following the initial publication date of August 30, 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.

(N2019-058)

**814(P)** CAPE ST MARY’S TO / À ARGENTIA – FOG SIGNAL TO BE DISCONTINUED

Reference Chart: 4841

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

Point Verde (LL 16) (47° 14' 15.9" N 054° 00' 56.7" W): The light and structure to remain.

Comments on this action are solicited from mariners and other interested parties by November 29, 2019, three months following the initial publication date of August 30, 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.

(N2019-059)

**816(T)** POINT CLARK TO/À SOUTHWESTON – OBSTRUCTION BELOW THE SURFACE OF THE WATER REPORTED

Reference Chart: 2291

A fixed concrete obstruction just below the surface of the water has been reported in the Saugeen River west of highway 21 at the following position: 44° 30' 01.7" N 081° 22' 07.7" W. Mariners are requested to use caution in the area.

(NAVWARN NW-C-2508-15)
16-AUG-2019
Delete yellow cautionary can buoy
(See Chart No. 1, Qm, Q21)
This notice affects Electronic Navigational Chart: CA479057
49°14′15.1″N 065°43′42.5″W
(Q2019100) DFO(6410178-01)
Add yellow cautionary lighted pillar buoy Fl Y, marked WML
(See Chart No. 1, Qm, Q23)
This notice affects Electronic Navigational Chart: CA479057
49°14′15.3″N 065°43′40.7″W
(Q2019111) LL(1651.5) DFO(6410189-01)

02-AUG-2019
Delete sounding of 7 metres 0 decimetres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA279037
49°18′04.4″N 067°38′03.0″W
DFO(6410169-01)
Add fish haven with depth of 6 metres 6 decimetres over an artificial feature
(See Chart No. 1, K46.2)
This notice affects Electronic Navigational Chart: CA279037
49°18′01.5″N 067°38′34.8″W
DFO(6410169-02)

02-AUG-2019
Add footbridge with vertical clearance of 5.9 metres
between 45°36′15.6″N 073°27′54.8″W and 45°36′12.2″N 073°27′51.7″W
(See Chart No. 1, D20.2, D22)
This notice affects Electronic Navigational Chart: CA579080
DFO(6410188-01)

09-AUG-2019
Amend Iso G 1s11m16M to read Iso G 1s11m14M against light
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA479155
45°42′44.8″N 073°26′22.8″W
LL(2330) DFO(6410155-01)
Amend Iso G 1s32m16M to read Iso G 1s32m14M against light
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA479155
45°41′36.7″N 073°27′37.6″W
LL(2331) DFO(6410155-02)

1429 - Canal de la Rive Sud - New Chart - 09-APR-2010 - NAD 1983  
23-AUG-2019
Amend vertical clearance of 17 metres, to read 16 metres
(See Chart No. 1, D22)
This notice affects Electronic Navigational Chart: CA579227
45°29′09.5″N 073°30′47.2″W
DFO(6410196-01)
Amend vertical clearance of 14 metres, to read 12 metres
(See Chart No. 1, D22)
This notice affects Electronic Navigational Chart: CA579227
45°28′46.4″N 073°30′37.5″W
DFO(6410196-02)
Amend vertical clearance of 15 metres, to read 14 metres
(See Chart No. 1, D22)
This notice affects Electronic Navigational Chart: CA579227

Amend vertical clearance of 12 metres, to read 10 metres
(See Chart No. 1, D22)
This notice affects Electronic Navigational Chart: CA579227


Add environment sensitive sea area with legend,
Banc-des-Américains MPA / ZPM du Banc-des-Américains
(See Chart No. 1, N22)
This notice affects Electronic Navigational Chart: CA179245, CA279075, CA379086


Amend depth of 62 metres to read 72 metres against
subsurface Ocean Data Acquisition System SADO/ODAS
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA179245, CA276271

Add subsurface Ocean Data Acquisition System SADO/ODAS
with known depth of 82 metres
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA179245, CA276271

4003 - Cape Breton to / à Cape Cod - New Edition - 21-MAR-2003 - NAD 1983

Amend depth of 34 fathoms to read 39 fathoms against
subsurface Ocean Data Acquisition System ODAS/SADO
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA179245, CA276271

Add subsurface Ocean Data Acquisition System ODAS/SADO
with known depth of 44 fathoms
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA179245, CA276271
23-AUG-2019

Add
- environmentally sensitive sea area with legend,
- Banc-des-Américains MPA / ZPM du Banc-des-Américains
(See Chart No. 1, N22)

This notice affects Electronic Navigational Chart: CA179245, CA279075, CA379086

DFO(6410193-01)

23-AUG-2019

Delete
- legend Fog Sig against light
(See Chart No. 1, R1)

This notice affects Electronic Navigational Chart: CA276241

(F2019022) LL(167) DFO(6308721-01)

23-AUG-2019

Add
- depth of 10 metres
(See Chart No. 1, I10)

This notice affects Electronic Navigational Chart: CA276801, CA376083

DFO(6308730-03)

Delete
- depth of 14 metres, 6 decimetres
(See Chart No. 1, I10)

This notice affects Electronic Navigational Chart: CA276801

DFO(6308730-04)

Add
- depth of 10 metres, 8 decimetres
(See Chart No. 1, I10)

This notice affects Electronic Navigational Chart: CA276801, CA376083

DFO(6308730-05)

09-AUG-2019

Amend
- depth of 34 fathoms to read 39 fathoms against subsurface Ocean Data Acquisition System ODAS/SADO
(See Chart No. 1, L25)

This notice affects Electronic Navigational Chart: CA179245, CA276271

DFO(6308687-01)

23-AUG-2019

Delete
- depth of 7 fathoms
(See Chart No. 1, I10)

DFO(6308730-01)

Add
- depth of 4 fathoms
(See Chart No. 1, I10)

This notice affects Electronic Navigational Chart: CA376083

DFO(6308730-02)
Add depth of 5 fathoms, 3 feet  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA276801, CA376083  
44°38'50.9"N 063°07'05.6"W  
*DFO*(6308730-03)*

Delete depth of 8 fathoms  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA276801  
44°38'04.6"N 063°00'52.1"W  
*DFO*(6308730-04)*

Add depth of 5 fathoms, 5 feet  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA276801, CA376083  
44°37'57.9"N 063°01'01.4"W  
*DFO*(6308730-05)*

09-AUG-2019  
LNM/D. 08-FEB-2019  
Amend depth of 34 fathoms to read 39 fathoms against  
subsurface Ocean Data Acquisition System ODAS/SADO  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA179245, CA276271  
46°10'12.1"N 059°08'40.3"W  
*DFO*(6308687-01)*

Add subsurface Ocean Data Acquisition System ODAS/SADO  
with known depth of 44 fathoms  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA179245, CA276271  
46°17'40.4"N 058°49'01.6"W  
*DFO*(6308713-01)*

09-AUG-2019  
LNM/D. 05-JUL-2019  
Amend depth of 34 fathoms to read 39 fathoms against  
subsurface Ocean Data Acquisition System ODAS/SADO  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA179245, CA276271  
46°10'12.1"N 059°08'40.3"W  
*DFO*(6308687-01)*

Add subsurface Ocean Data Acquisition System ODAS/SADO  
with known depth of 44 fathoms  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA179245, CA276271  
46°17'40.4"N 058°49'01.6"W  
*DFO*(6308713-01)*

23-AUG-2019  
LNM/D. 19-JUL-2019  
Add environmentally sensitive sea area with legend,  
ZPM du Banc-des-Américains / Banc-des-Américains MPA  
(See Chart No. 1, N22)  
This notice affects Electronic Navigational Chart: CA179245, CA279075, CA379086  
48°29’24.0"N 064°08’24.0"W  
*DFO*(6410193-01)*
Delete subsurface Ocean Data Acquisition System (SADO/ODAS) with known depth of 20 metres 0 decimetres (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA279075

DFO(6410194-01)

09-AUG-2019

Amend depth of 62 metres to read 72 metres against subsurface Ocean Data Acquisition System ODAS/SADO (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA179245, CA276271

DFO(6308687-01)

Add subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 82 metres (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA179245, CA276271

DFO(6308713-01)

23-AUG-2019

Delete crib with elevation of 1 metre (See Chart No. 1, Fb) This notice affects Electronic Navigational Chart: CA576001

DFO(6308715-01)

Add crib in ruins, which covers and uncovers, with drying height of 1.5 metres and legend Ru (See Chart No. 1, Fb, F33, I15) This notice affects Electronic Navigational Chart: CA576001

DFO(6308715-02)

23-AUG-2019

Add depth of 7 metres, 3 decimetres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376083

DFO(6308730-02)

Add depth of 10 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA276801, CA376083

DFO(6308730-03)

Add depth of 10 metres, 8 decimetres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA276801, CA376083

DFO(6308730-05)
4302 - Canso Lock and Causeway / Écluse et Chaussée Surélevée de Canso - New Chart - 28-SEP-2012 - NAD 1983
23-AUG-2019
Delete depth of 14 metres, 3 decimetres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA576679
45°38'27.6"N 061°25'01.7"W
DFO(6308714-01)

Add depth of 11 metres, 8 decimetres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA576679
45°38'27.5"N 061°25'03.3"W
DFO(6308714-02)

23-AUG-2019
Delete depth of 7 fathoms
(See Chart No. 1, I10)
44°39'08.2"N 063°12'37.7"W
DFO(6308730-01)

Add depth of 4 fathoms
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA376083
44°38'58.3"N 063°12'43.9"W
DFO(6308730-02)

Add depth of 5 fathoms, 3 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276801, CA376083
44°38'50.9"N 063°07'05.6"W
DFO(6308730-03)

Delete depth of 8 fathoms
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276801
44°37'59.5"N 063°00'52.1"W
DFO(6308730-04)

Add depth of 5 fathoms, 5 feet
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA276801, CA376083
44°37'57.9"N 063°01'01.4"W
DFO(6308730-05)

02-AUG-2019
Replace red starboard hand lighted pillar buoy FIR, marked MK58 with red starboard hand lighted spar buoy FIR, marked MK58
(See Chart No. 1, Qi)
44°29'45.1"N 064°06'41.8"W
(F2019019) LL(457.4) DFO(6308685-01)

02-AUG-2019
Amend note Chart / Carte 4421 to read Chart / Carte 4935
(See Chart No. 1, A18)
46°14'04.1"N 062°22'17.3"W
DFO(6308675-06)

Amend note Chart / Carte 4422 to read Chart / Carte 4935
(See Chart No. 1, A18)
46°09'16.3"N 062°25'38.8"W
DFO(6308675-07)
Amend note Chart / Carte 4420 to read Chart / Carte 4935
(See Chart No. 1, A18) 46°02'53.1"N 062°26'04.1"W
DFO(6308675-08)

02-AUG-2019
Amend note Chart/Carte 4437 to read Chart / Carte 4938
(See Chart No. 1, A18) 45°42'35.2"N 062°36'21.7"W
DFO(6308675-02)
Amend note Chart Carte 4443 to read Chart / Carte 4938
(See Chart No. 1, A18) 45°37'52.1"N 062°39'54.4"W
DFO(6308675-03)
Amend note Chart/Carte 4420 to read Chart / Carte 4935
(See Chart No. 1, A18) 46°02'11.2"N 062°25'43.6"W
DFO(6308675-04)
Amend note Chart/Carte 4420 to read Chart / Carte 4935
(See Chart No. 1, A18) 46°00'52.6"N 062°33'36.0"W
DFO(6308675-05)

02-AUG-2019
Amend note Adjoining Chart/Carte adjacente 4437 to read
Adjoining Chart/Carte adjacente 4938
(See Chart No. 1, A20) south border of the chart
DFO(6308675-01)

02-AUG-2019
Add fish haven with depth of 5 metres and 6 decimetres over an artificial
feature
(See Chart No. 1, K46.2) 48°29'56.8"N 064°13'34.6"W
This notice affects Electronic Navigational Chart: CA379086
DFO(6410190-01)
Add fish haven with depth of 6 metres and 3 decimetres over an artificial
feature
(See Chart No. 1, K46.2) 48°30'23.2"N 064°12'58.8"W
This notice affects Electronic Navigational Chart: CA379086
DFO(6410190-02)

23-AUG-2019
Add environmentally sensitive sea area with legend,
ZPM du Banc-des-Américains / Banc-des-Américains MPA
(See Chart No. 1, N22) joining 48°29'24.0"N 063°53'57.5"W
48°29'24.0"N 064°08'24.0"W
48°45'00.0"N 064°08'24.0"W
and 48°45'00.0"N 063°53'57.5"W
This notice affects Electronic Navigational Chart: CA179245, CA279075, CA379086
DFO(6410193-01)
02-AUG-2019

Amend

FIG to read FIY against light
(See Chart No. 1, P1)

47°21′37.6″N 054°53′46.9″W

(N2019030) LL(55.41) DFO(6308680-01)

09-AUG-2019

Affix

patch


This notice affects Electronic Navigational Chart: CA576270

DFO(6308735-01)

Affix

patch


This notice affects Electronic Navigational Chart: CA576270

DFO(6308735-02)

Delete

red starboard hand lighted spar buoy Fl R, marked EP10
(See Chart No. 1, Qf)

This notice affects Electronic Navigational Chart: CA576270

47°40′27.1″N 065°36′21.1″W

(G2019060) LL(1330.4) DFO(6308735-03)

Add

red and white fairway lighted spar buoy Mo(A), marked EP
(See Chart No. 1, Qh)

This notice affects Electronic Navigational Chart: CA576270

47°40′32.4″N 065°36′15.0″W

(G2019073) LL(1330.45) DFO(6308735-04)

02-AUG-2019

Delete

red starboard hand lighted pillar buoy Q R, marked YA2
(See Chart No. 1, Qf)

This notice affects Electronic Navigational Chart: CA379216

47°33′42.2″N 061°27′27.4″W

(Q2019112) LL(1480.5) DFO(6410192-01)

6240 - Red River / Rivière Rouge to/à Berens River - Sheet/Feuille 1 - New Edition - 16-JUL-2004 - Unknown
30-AUG-2019

Delete

radar transponder beacon, "Racon"
(See Chart No. 1, S3.1)

50°23′57.0″N 096°48′55.7″W

DFO(6604547-02)

Delete

front range/leading light FG
(See Chart No. 1, P20.2)

50°23′57.0″N 096°48′55.7″W

LL(1562) DFO(6604547-03)

Delete

rear range/leading light F with leading line and bearing 163°
(See Chart No. 1, P20.2, Pe)

between 50°23′36.2″N 096°48′46.9″W
and 50°25′42.0″N 096°49′49.2″W

LL(1563) DFO(6604547-04)

Delete

red and white fairway lighted spar buoy Mo (A), marked X
(See Chart No. 1, Qh)

50°25′41.9″N 096°50′04.9″W

DFO(6604547-06)
Delete recommended track and bearings 012°-192°
(See Chart No. 1, M4)

Delete recommended track and bearings 017°-197°
(See Chart No. 1, M4)

Delete recommended track and bearings 025°-205°
(See Chart No. 1, M4)

Delete usable portion of recommended track
(See Chart No. 1, M4)

Delete recommended track and bearings 012°-192°
(See Chart No. 1, M4)

Delete recommended track and bearings 017°-197°
(See Chart No. 1, M4)

Delete recommended track and bearings 025°-205°
(See Chart No. 1, M4)

Delete recommended track and bearings 012°-192°
(See Chart No. 1, M4)
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<th>Coordinates</th>
<th>Chart No.</th>
<th>Date</th>
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<td>Delete</td>
<td>recommended track and bearings 017°-197°</td>
<td>between 50°26′05.6″N 096°49′44.0″W and 51°08′26.1″N 096°28′59.4″W</td>
<td>M4</td>
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<td>DFO(6604547-08)</td>
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<td>Delete</td>
<td>recommended track and bearings 025°-205°</td>
<td>between 50°26′05.6″N 096°49′44.0″W and 50°45′47.0″N 096°35′10.0″W</td>
<td>M4</td>
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<td>DFO(6604547-09)</td>
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<td>Delete</td>
<td>unusable portion of recommended track</td>
<td>between 51°08′31.6″N 096°28′56.7″W and 51°10′20.8″N 096°28′02.5″W</td>
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7083 - Cambridge Bay to/from Shepherd Bay - New Edition - 25-MAR-2016 - Unknown

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<th>Coordinates</th>
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<td>obstruction, depth unknown, Rep (2019)</td>
<td>68°32′36.7″N 095°30′38.9″W</td>
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<td>LNM/D. 08-JUN-2018</td>
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<td>68°23′24.9″N 095°43′45.7″W</td>
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<td>DFO(6604550-03)</td>
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<tr>
<td>Delete</td>
<td>depth of 24 fathoms</td>
<td>69°04′32.1″N 094°37′25.5″W</td>
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<td>69°04′36.3″N 094°37′46.1″W</td>
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7760 - St. Roch and/or Rasmussen Basins - New Chart - 03-MAY-1968 - NAD 1927

<table>
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<th>Coordinates</th>
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<td>68°32′34.7″N 095°30′38.0″W</td>
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<td>DFO(6604550-01)</td>
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<td>68°20′06.7″N 096°19′57.8″W</td>
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<td>69°04′34.4″N 094°37′45.2″W</td>
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<td>DFO(6604550-05)</td>
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</table>

Fisheries and Oceans Canada
Official Publication of the Canadian Coast Guard
DFO/2019-2028
30-AUG-2019

Add depth of 9.4 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA373267

68°38′09.6″N 101°44′54.0″W

DFO(6604549-01)

Add depth of 8 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA373267

68°38′32.4″N 101°46′07.8″W

DFO(6604549-02)
PART 1 – Page 2

AMEND AS FOLLOWS:

1.1.3 Marine Mammal Protection

Working in collaboration with other government departments/agencies, MCTS is monitoring vessel traffic for compliance with new measures toward the protection of marine mammals.

*Note: Roseway Basin Seasonal Area is to be avoided. In order to significantly reduce the risk of ship strikes of the highly endangered North Atlantic Right Whale, it is recommended that ships of 300 tons gross tonnage and upwards in transit during the period of June 1st through December 31st should avoid this area. Any sightings are to be reported to Halifax MCTS.

*Note: Grand Manan Basin is to be avoided. In order to significantly reduce the risk of ship strikes of the highly endangered North Atlantic Right Whale, it is recommended that ships of 300 tons gross tonnage and upwards in transit during the period of June 1st through December 31st should avoid this area. Any sightings are to be reported to Fundy Traffic.

*Note: There is a seasonal (April 28th – November 15th) mandatory speed restriction of 10.0 kts for all vessels of 20m or more above 13m in length overall in the western Gulf of St. Lawrence to reduce the risk of ship strikes of the endangered North Atlantic Right Whale. Navigational warnings are issued and broadcast advising vessels of areas subject to speed restrictions. Mariners are requested to report all whale sightings, and observations of entangled, dead, or injured whales to the nearest Marine Communications and Traffic Services Centre.

PART 2 – Page 80

AMEND AS FOLLOWS:

2.6.4 Western Arctic

Table 2-43 - Radio Beacons Located in Northwest Territories and Nunavut

<table>
<thead>
<tr>
<th>Name Location</th>
<th>Range Nautical Miles</th>
<th>Arc Degrees</th>
<th>Identifier</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuktoyaktuk Island Range 69°27’21.3”N 132°59’49”W 132°59’58.8”W (NAD 27) (NAD 83)</td>
<td>5</td>
<td>360</td>
<td>--.-- (C)</td>
<td>Navigation season only.</td>
</tr>
<tr>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

Chapter 4 — Paragraph 162, last line
Add: **Marine farms** are charted in the area bounded by the south ends of Coal All Island and Chapel Island about 2 miles east; **caution** is advised.

(N2019-07.2)

Chapter 4 — Adjacent to paragraph 162, add a caution pictograph.

(N2019-07.3)

Chapter 4 — Delete paragraphs 312, 313, 314, 315 and 316
Replace by:

312 The east **pier**, 90 m (295 ft) long, has a least depth of 1.9 m (6 ft) alongside the outer 50 m (164 ft) section of the east side of the pier. The west side of the pier has depths of 2 to 2.5 m (7 to 8 ft) alongside the outer 70 m (230 ft) section.

313 Another **pier**, located 30 m (98 ft) west of the east pier extends 113 m (371 ft) with depths of 3.3 m (11 ft) alongside its east side and 1.9 to 3.2 m (6 to 10 ft) alongside its west side.

314 Another **pier**, located 30 m (98 ft) west of the previous pier, extends 90 m (295 ft) along its east side and has a depth of 2.4 m (8 ft) alongside. The west side, 70 m (230 ft) long, has a depth of 2.9 m (10 ft) alongside.

315 The west **pier**, 31 m (102 ft) long, has a depth of 4.2 m (14 ft) alongside its east side and 4.7 m (15 ft) alongside the outer end of its west side.

316 The fish plant and **wharf** are located 30 m (98 ft) east of the east pier of the Public wharf. The fish plant wharf is 133 m (436 ft) long with depths of 1 to 1.4 m (3 to 5 ft) alongside.

(N2019-07.4)


Chapter 1 — Paragraph 38
Delete: “depths of … 4.2 to 4.6 m (14 to 15 ft)”
Replace by: a depth of 3.8 m (12 ft) alongside the north face and 4 m (13 ft)

(N2019-07.5)

Chapter 1 — Paragraph 38.1
Delete: 3.4 to 3.6 m (11 to 12 ft) and 2.1 to 3.5 m (7 to 11 ft)
Replace by: 2.3 to 3.4 m (8 to 11 ft) and 2 to 3.5 m (7 to 11 ft)

(N2019-07.6)

Chapter 1 — Paragraph 39
Delete: “depths of 3 to 5.5 m (10 to 18 ft) … floating wharf.”
Replace by: a depth of 2.5 m (8 ft) alongside, connects the north side of the Public wharf with the fish plant wharf.

(N2019-07.7)
Chapter 3 — In the vicinity of paragraph 46, Table of *St. John’s Port Authority – Berths*

Make the following change in the “Remarks” column.

<table>
<thead>
<tr>
<th>Berth</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>*17</td>
<td>A pier 150 m (492 ft) long extends SSE from a position about 55 m (180 ft) west of Berth *17.</td>
</tr>
</tbody>
</table>

(N2019-07.8)

Chapter 3 — In the vicinity of paragraph 46, Table of *Private Berths*

Make the following changes in the “Depth †” and “Remarks” columns.

<table>
<thead>
<tr>
<th>Berth</th>
<th>Depth † m (ft)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>*12</td>
<td>7.2-8.6 (24-28)</td>
<td>Owned by A. Harvey and Co. Ltd. Bulk, general cargo and offshore services. A crib which does not cover is located about 30 m (98 ft) NE of the east end of the berth.</td>
</tr>
<tr>
<td>*14</td>
<td>7.9-8.2 (26-27)</td>
<td></td>
</tr>
</tbody>
</table>

(N2019-07.9)

Chapter 4 — Paragraph 11

Delete: whistle
Replace by: bell

(N2019-08.0)

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

Chapter 5 — Delete paragraph 147

Replace by: Close south of the dolphin, a *pier* extends 45 m (148 ft) to a depth of 5.1 m (17 ft) alongside a 9.5 m (31 ft) wide outer end. The south side of the pier has a least depth of 6.1 m (20 ft) alongside. A *shoal* at a depth of 3.5 m (11 ft) is located 70 m (230 ft) NE of the pier. A *wharf* 47 m (154 ft) long joins the pier to the Public wharf close south.

(N2019-08.1)

Chapter 5 — Paragraph 148

Delete: “The outer … alongside.”
Replace by: There are depths of 5 to 7.2 m (16 to 24 ft) alongside the outer 40 m (131 ft) section of the south side and a least depth of 5 m (16 ft) alongside the outer 35 m (115 ft) section of the north side of the wharf.

(N2019-08.2)

Chapter 5 — Paragraph 149

Delete: least depth of 3.7 m (12 ft) along the NW face.
Replace by: depth of 5.3 m (17 ft) alongside the outer 20 m (66 ft) section of its north side.

(N2019-08.3)

ATL 104 — Cape North to Cape Canso (including Bras d’Or Lake), Second Edition, 2010 —

Chapter 2 — Paragraph 107
Delete: “There are depths of 45 to 47 feet … the outer face of the wharf.”
Replace by: There is a depth of 39 feet (11.8 m) off the outer face of the wharf.

(A2019-004.3)

Chapter 1 — Paragraph 74  
Delete: 1.8 to 4 m  
Replace by: 2.5 to 7 m  

(Q2019-045.1)

Chapter 1 — Paragraph 74  
Delete: 2.4 to 4.4 m  
Replace by: 1.4 to 6.3 m  

(Q2019-045.2)

Chapter 3 — Paragraph 32, after “4.5 miles west of Godbout;”  
Insert: an artificial reef with a depth of 6.6 m is located 2.5 miles SW of Godbout;  

(Q2019-048.1)

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

Chapter 2 — After paragraph 198.1  
Insert: 198.2 A footbridge with a vertical clearance of 5.9 m crosses the eastern part of the channel La Grande Rivière, near its entrance, between Île à Pinard and Île Sainte-Marguerite. A shuttle service that plies between the two islands is close SW of the footbridge. A submerged pipeline crosses the channel about 100 m SW of the shuttle service.

(Q2019-049.1)

INDEX — After “Pierre, Île à la, C2/P70”  
Insert: Pinard, Île à, C2/P198.2

(Q2019-049.2)

INDEX — After “Sainte-Hélène, Port, C2/P255”  
Insert: Sainte-Marguerite, Île, C2/P198.2

(Q2019-049.3)

ATL 120 — Labrador, Camp Islands to Hamilton Inlet (including Lake Melville), First Edition, 2004 —

Chapter 3 — Paragraph 241  
Delete: 24 to 25 feet (7.4 to 7.7 m)  
Replace by: 20 to 24 feet (6.1 to 7.4 m)

(N2019-08.4)
After paragraph 37, insert:

37.1 **Overhead power cables** cross over a private buoyed passage between Île de la Couveré and the north islet, about 140 m WSW of the marina Club de yacht de Saint-Lambert. The passage leads from the canal to the marina. At mid-span, the minimum vertical clearance of the lowest cable is 12 m at chart datum. However, the vertical clearance of the lowest cable is 15 m over the width of the passage. **Caution** is advised.

(Q2019-051.1)

Chapter 1 — Adjacent to paragraph 37.1, add a caution pictograph.

(Q2019-051.2)

INDEX — After “Côte Sainte-Catherine wharf, Port de, C1/P48”
Insert: Couverée, Île de la, C1/P37.1

(Q2019-051.3)
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>Height in meters above ground</th>
<th>Remarks</th>
<th>Fog Signals</th>
</tr>
</thead>
<tbody>
<tr>
<td>55.41</td>
<td>Baine Harbour Wharf Light</td>
<td>47 21 37.6</td>
<td>Fl Y 4s</td>
<td>2</td>
<td>Cylindrical Mast.</td>
<td>Flash 1 s; eclipse 3 s; Operates 24 h; Year round.</td>
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<tr>
<td>898</td>
<td>Pictou Island Breakwater</td>
<td>45 48 09.5</td>
<td>Fl G 4s</td>
<td>4</td>
<td>Pipe swing pole, green white-black square daymark, black square in centre, 4.0</td>
<td>Flash 1 s; eclipse 3 s; Seasonal.</td>
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<tr>
<td>1172</td>
<td>The Lump light buoy M5</td>
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<td>Q G 1s</td>
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<td>Green spar, marked &quot;M5&quot;; Seasonal (in place year round).</td>
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<td>1173.72</td>
<td>Miramichi Bar light buoy M15/1</td>
<td>47 08 23.4</td>
<td>Q G 1s</td>
<td>4</td>
<td>Green spar, marked &quot;M15/1&quot;; Seasonal (in place year round).</td>
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<td>No.</td>
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<td>Position</td>
<td>Light Characteristics</td>
<td>Focal Height in m. above water</td>
<td>Nominal Range</td>
<td>Description</td>
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<td>Latitude N.</td>
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<td>Height in meters above ground</td>
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<td>Fog Signals</td>
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<td>Longitude W.</td>
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<td>1173.81</td>
<td>Spit Shoal light buoy M16</td>
<td>47 08 29.3</td>
<td>F I R 4s</td>
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<td>Red spar, marked “M16”.</td>
<td>Seasonal (in place year round).</td>
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<td>Bathurst Entrance light buoy EP10</td>
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<td>1330.45</td>
<td>Bathurst Entrance Fairway light buoy EP</td>
<td>47 40 32.4</td>
<td>M o (A) W 6s</td>
<td>.....</td>
<td>.....</td>
<td>Red and white vertical stripes, marked “EP”.</td>
<td>Seasonal</td>
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<td>065 36 15.0</td>
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<td>1330.55</td>
<td>Bathurst Entrance light buoy EP15</td>
<td>47 40 16.6</td>
<td>F I G 4s</td>
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<td>Green, marked “EP15”.</td>
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<td>Bathurst Entrance light buoy EP25</td>
<td>47 39 45.8</td>
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<td>Green, marked “EP25”.</td>
<td>Buoy may be repositioned due to shifting channel. Seasonal.</td>
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<td>Bathurst Entrance light buoy EP28</td>
<td>47 39 20.9</td>
<td>Q R 1s</td>
<td>.....</td>
<td>.....</td>
<td>Red, marked “EP28”.</td>
<td>Buoy may be repositioned due to shifting channel. Seasonal.</td>
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<td>065 37 13.9</td>
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<td>1332.35</td>
<td>Bathurst Harbour light buoy EP33</td>
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<td>Green, marked “EP33”.</td>
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<td>Bathurst Harbour light buoy EP38</td>
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<td>Bathurst Harbour bifurcation light buoy EP</td>
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<td>47 37 59.7</td>
<td>Q R 1s</td>
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<td>Red spar, marked “EP50”.</td>
<td>Seasonal</td>
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<td>065 39 07.4</td>
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<td>1336.8</td>
<td>Bathurst Harbour light buoy EP65</td>
<td>47 36 56.0</td>
<td>F I G 4s</td>
<td>.....</td>
<td>.....</td>
<td>Green spar, marked “EP65”.</td>
<td>Buoy may be repositioned due to shifting channel. Seasonal.</td>
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<td>065 38 30.6</td>
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<td>1480.5</td>
<td>Old Harry Ledge light buoy YA2</td>
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<td>No.</td>
<td>Name</td>
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<td>Focal Height in m. above water</td>
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<td>Description</td>
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<tr>
<td>949.5</td>
<td>Annandale Sector Light</td>
<td>On Banks Point</td>
<td>F R W G</td>
<td>9.2</td>
<td>13</td>
<td>White square tower with red top, red-white-red rectangular daymark, green square</td>
<td>Green from 304°30'00&quot; to 303°30'00&quot;; White from 303°30'00&quot; to 302°30'00&quot;; Red from 302°30'00&quot; to 301°30'00&quot;; White sector indicates preferred channel. Operates 24 h. Seasonal.</td>
<td></td>
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<tr>
<td>950.3</td>
<td>Annandale West Breakwater</td>
<td>West</td>
<td>Q G 1s</td>
<td>3.9</td>
<td>1</td>
<td>Pipe swing pole, green square tower, green square daymark, green square in centre</td>
<td>Seasonal.</td>
<td></td>
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<tr>
<td>953</td>
<td>Panmure Head</td>
<td>SE. extremity</td>
<td>F W 4s</td>
<td>25.0</td>
<td>19</td>
<td>White octagonal tower with red top.</td>
<td>Year round.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>957</td>
<td>Lower Montague Wharf</td>
<td>NW. corner of</td>
<td>F G 4s</td>
<td>6.0</td>
<td>5</td>
<td>Pipe swing pole.</td>
<td>Flash 1 s; eclipse 3 s. Seasonal.</td>
<td></td>
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<tr>
<td>964</td>
<td>Murray Harbour range</td>
<td>On Beach Point</td>
<td>F R .....</td>
<td>6.3</td>
<td>10</td>
<td>White square tower with red top and red vertical stripe.</td>
<td>Visible in line of range. Operates 24 h. Seasonal.</td>
<td></td>
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</tr>
<tr>
<td>965</td>
<td></td>
<td>On shore line.</td>
<td>F R .....</td>
<td>17.8</td>
<td>10</td>
<td>White pyramid tower with red top and red vertical stripe.</td>
<td>Visible in line of range. Operates 24 h. Seasonal.</td>
<td></td>
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</tr>
<tr>
<td>967</td>
<td>Beach Point Breakwater</td>
<td>On outer end,</td>
<td>F G 4s</td>
<td>4.7</td>
<td>4</td>
<td>Square skeleton tower.</td>
<td>Operates at night only. Seasonal.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>969.5</td>
<td></td>
<td>Murray Harbour</td>
<td>Iso R 1s</td>
<td>6.4</td>
<td>13</td>
<td>Square skeleton tower, white daymark with red vertical stripe.</td>
<td>Visible in line of range. Seasonal.</td>
<td></td>
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</tr>
<tr>
<td>969.8</td>
<td></td>
<td>Village range</td>
<td>Iso R 4s</td>
<td>9.5</td>
<td>14</td>
<td>Square skeleton tower, white daymark with red vertical stripe.</td>
<td>Visible in line of range. Seasonal.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## 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>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>971</td>
<td>Cape Bear</td>
<td>On the headland.</td>
<td>LFl Y 6s</td>
<td>16.7</td>
<td>10</td>
<td>Square skeleton tower, two red-white rectangular daymarks</td>
<td>One daymark facing due South and one facing due East. Flash 2 s; eclipse 4 s. Year round.</td>
<td>Chart: 4935 Edn 08/19 (G19-076)</td>
</tr>
<tr>
<td>1651.5</td>
<td>Mont-Louis cautionary light buoy WML</td>
<td>At the end of Saint-Maxime-du-Mont Louis E. wharf.</td>
<td>F Y 4s</td>
<td>.....</td>
<td>.....</td>
<td>Yellow, marked “WML”</td>
<td>Seasonal</td>
<td>Chart: 1230 Edn 08/19 (Q19-100, 111)</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
CHSFINFO@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