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Notices to Mariners

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Safety First, Service Always

Monthly Eastern Edition

Canada 

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Edition No. 04/2022

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Explanatory Notes – Notices to Mariners (NOTMAR)

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

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

Visibility of lights is that in clear weather.

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

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

Distances may be calculated as follows:

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

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

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

Suggestions and Corrections Form

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

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

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

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

NOTMAR Website – Monthly Editions, Chart Corrections and Chart Patches

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

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

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

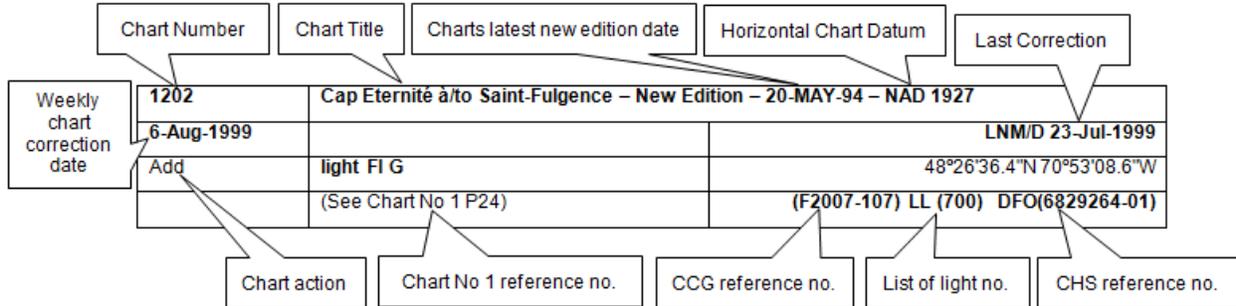
Explanatory Notes – Canadian Hydrographic Service (CHS)

Chart Corrections – Section 2 of *Notices to Mariners*

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

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

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



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

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

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

Canadian Nautical Charts & Publications

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

Explanatory Notes – Marine Communications and Traffic Services (MCTS)

Navigational Warnings / Notices to Shipping

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

These changes are advertised as Navigational Warnings, formerly called Notices to Shipping¹, that are broadcast by the CCG, and are then followed up with Notices to Mariners, then charts are updated by hand correction, reprints or new editions.

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

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

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

For further information, contact your regional NAVWARN Issuing Desk.

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

*Service available in English and in French.

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

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Numerical Index of Canadian Charts Affected

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Section 1: General and Safety Information

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

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

Transport Canada – COVID-19 Measures, Updates and Guidance

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

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

For travel advice and all other updates, please visit: Canada.ca/coronavirus.

Transport Canada – Annual Edition of Notices to Mariners 2022 - Section A3, Notice 7A: Voyage Planning for Vessels Intending to Navigate in Canada's Northern Waters

(Recurrent publication of notice *206/22, originally published in the *Notices to Mariners – Monthly Eastern Edition 02/2022* publication.)

Transport Canada has revised notice 7A, Voyage Planning for Vessels Intending to Navigate in Canada's Northern Waters, of the *Annual Edition of Notices to Mariners* to reflect Arctic Shipping Safety and Pollution Prevention Regulations ([ASSPPR](#)) and to provide further guidance on voyage planning.

*401/22 Protecting the North Atlantic Right Whale: Speed Restriction Measures in the Gulf of St. Lawrence

PURPOSE

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

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

BACKGROUND

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

Note: Vessels **must follow** Navigational Warnings outlining the speed restrictions. The *Interim Order for the Protection of North Atlantic Right Whales (Eubalaena Glacialis) in the Gulf of St. Lawrence, 2022* enables the issuance of Navigational Warnings (NAVWARNs) imposing speed restrictions and navigation restrictions.

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

CHANGES TO SPEED RESTRICTION ZONES AND MEASURES

Based on consultations with industry and on scientific data, changes to the speed restriction zones will be effective from April 20, 2022, while the restricted area will be implemented based on whale presence:

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

Please check the latest NAVWARN for all speed restrictions currently in effect.

SPEED RESTRICTION MEASURES FOR 2022

These restrictions will be in effect from **April 20 to November 15, 2022**.

Exceptions

The following exception will apply to **all** measures:

- a) a vessel in distress or providing assistance to a person or a vessel in distress;
- b) a government vessel being used
 - (i) for law enforcement activities;
 - (ii) for search and rescue operations; or
 - (iii) to ensure the competency of the crew or the operational readiness of the vessel or crew with respect to such activities or operations.

STATIC ZONES

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

Exceptions

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

36.57 m (20-fathom) shallow water protocol

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

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

If a new notice to fish harvesters is published or broadcast during the last seven days of the 15-day period, the speed limit will continue to apply for a further 15 days after the day on which the new detection took place.

Coordinates for the northern static zone:

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

Coordinates for the southern static zone:

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

DYNAMIC SHIPPING ZONES

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

Coordinates for the dynamic shipping zones:

Zone A

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

Zone B

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

Zone C

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

Zone D

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

Zone E

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

When a North Atlantic right whale is detected in a dynamic shipping zone:

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

Even though dynamic shipping zones overlap with static zones, vessels can travel at a safe operational speed in dynamic shipping zones when they are not under speed restriction. They must also keep in mind that North Atlantic right whales may be nearby.

Speed restrictions in the dynamic shipping zones

The detection of North Atlantic right whales in one or more dynamic shipping zone(s), will trigger a speed restriction in the concerned zone(s). The speed restriction in the dynamic shipping zone(s) will be in effect for 15 days from the date of detection. In the event of a new North Atlantic right whale detection occurring in the last 7 days of the 15-day slowdown period, the speed restriction may be extended for an additional 15 days from the date of the new detection. This would continue until no NARW are detected.

When a NAVWARN is issued implementing a speed restriction in one or more dynamic shipping zone(s), vessels above **13 m** in length (LOA) must not exceed a speed of 10.0 knots over the ground. Within any dynamic zone that is not subject to a speed restriction, mariners may proceed at a safe operational speed. Mariners are encouraged to take into consideration the potential for their vessel striking North Atlantic right whales when considering a “safe operational speed” during navigation.

SEASONAL MANAGEMENT AREAS

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

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

- must restrict their speed so as not to exceed 10.0 knots over the ground from April 20 to June 28, 2022; **and**
- are allowed to proceed at a safe operational speed from June 29 to November 15, 2022, unless a North Atlantic right whale is detected. If a whale is detected, a speed restriction of 10.0 knots over the ground will be triggered for 15 days from the date of detection. In the event of a new North Atlantic right whale detection occurring in the last 7 days of the 15-day slowdown period, the speed restriction may be extended for an additional 15 days from the date of the new detection. This would continue until no North Atlantic right whales are detected.

Coordinates for the SMA-1:

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

Coordinates for the SMA-2:

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

RESTRICTED AREA

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

The size and location of the area are determined based on historical detection data of North Atlantic right whales. All necessary details can be found in the *Interim Order for the Protection of North Atlantic Right Whales (Eubalaena Glacialis) in the Gulf of St. Lawrence, 2022*. Triggering and lifting of the restricted area will be communicated to mariners through a NAVWARN and notice to fish harvesters.

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

- avoid the area unless they are part of the exceptions listed in the *Interim Order for the Protection of North Atlantic Right Whales (Eubalaena Glacialis) in the Gulf of St. Lawrence, 2022*;
- transit the area at a speed not exceeding 8.0 knots over the ground if they are part of the exceptions.

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

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

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

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

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

Coordinates for the restricted area:

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

Inclement weather exception

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

Within any zone or area that is no longer subject to a speed restriction due to adverse weather conditions, mariners may proceed at a safe operational speed. Mariners are however encouraged to take into consideration the potential for their vessel striking North Atlantic right whales when considering a “safe operational speed” during navigation.

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

TRIAL VOLUNTARY SLOWDOWN IN CABOT STRAIT

To coincide with the North Atlantic right whales entering and exiting the Gulf of St. Lawrence in large numbers, a trial voluntary slowdown is being put in place for the third year in Cabot Strait from April 20 to June 28, 2022, and from September 28 to November 15, 2022.

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

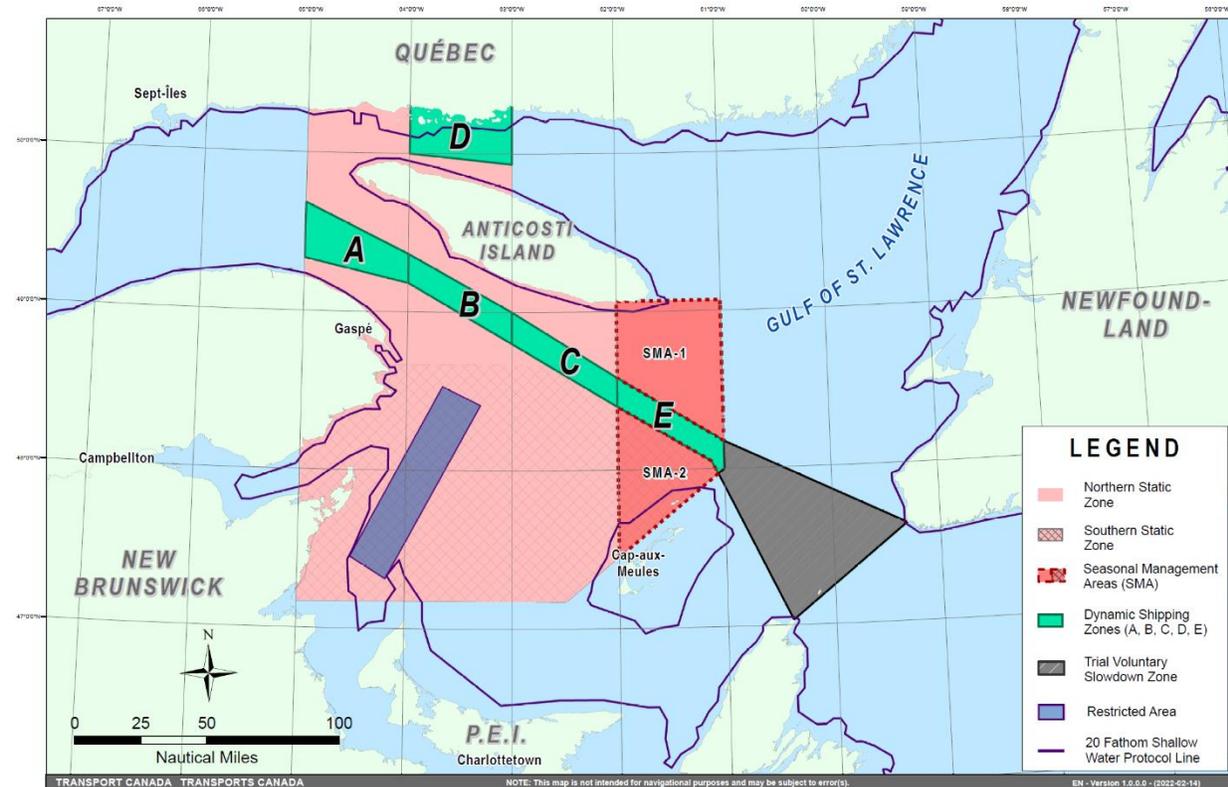
Voluntary slowdown zone coordinates:

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

MAP OF THE GULF OF ST. LAWRENCE

The following map shows

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



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

NAVWARN BROADCASTS

The Canadian Coast Guard issues NAVWARNs:

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

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

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

Outbound vessels will receive NAVWARNs

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

Inbound vessels will receive NAVWARNs

- when a clearance to enter Canadian waters is granted

Vessels in transit will receive NAVWARNs

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

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

AIDS TO NAVIGATION

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

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

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

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

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

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

COMPLIANCE AND ENFORCEMENT

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

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

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

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

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

- reason(s) for deviation;
- speed at which vessel is operated;
- latitude and longitude at time of deviation;
- time and duration of deviation; and
- master of the vessel shall sign and date the bridge logbook entry.

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

- navigating to ensure vessel safety;
- weather conditions;
- force majeure (unforeseeable circumstances); and
- responding to emergencies.

REPORT A NORTH ATLANTIC RIGHT WHALE SIGHTING

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

If you see a North Atlantic right whale that is entangled, injured or dead, please report it to your nearest Canadian Coast Guard Marine Communications and Traffic Services Centre, or call:

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

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

*402/22 Canadian Hydrographic Service – Nautical Charts

Charts	Main Title	Scale	Published	Cat#	Price
New Charts					
2016	Charity Shoal to/à Gull Bar including / y compris Long Point	1:60 000	2022-04-15	3	\$20.00
New Editions					
7125	Pike-Resor Channel	1:37 500	2022-04-15	4	\$20.00
Charts Permanently Withdrawn					
2064	Kingston to/à False Duck Islands	Cancelled by 2016			

***403/22 Canadian Hydrographic Service – Electronic Navigational Charts**

S-57 ENC Number	Chart Title	ENC Compilation Scale	Published
New Charts			
CA471056 (Edn 1.000)	Portland Inlet	1:45 000	2022-04-08
CA471061 (Edn 1.000)	CA471061	1:90 000	2022-04-08
CA471062 (Edn 1.000)	CA471062	1:90 000	2022-04-08
CA471064 (Edn 1.000)	CA471064	1:45 000	2022-04-08
CA471065 (Edn 1.000)	CA471065	1:90 000	2022-04-08
CA471109 (Edn 1.000)	CA471109	1:45 000	2022-04-08
CA471110 (Edn 1.000)	CA471110	1:45 000	2022-04-08
CA471111 (Edn 1.000)	CA471111	1:45 000	2022-04-08
CA471112 (Edn 1.000)	CA471112	1:45 000	2022-04-08
CA471113 (Edn 1.000)	CA471113	1:45 000	2022-04-08
CA571089 (Edn 1.000)	Hunt Inlet	1:12 000	2022-04-29
CA576586 (Edn 1.000)	Flowers Cove	1:7 500	2022-04-29
CA576707 (Edn 1.000)	Otter Island Narrows	1:2 500	2022-04-15
New Editions			
CA273258 (Edn 7.000)	Committee Bay - Pelly Bay	1:250 000	2022-04-01
CA276274 (Edn 9.000)	Saint-Pierre to St. John's	1:175 000	2022-04-01
CA373507 (Edn 2.000)	Parry Bay to/au Navy Channel	1:75 000	2022-04-29
CA376429 (Edn 2.000)	Corbett Island to Ship Harbour Head	1:37 500	2022-04-08
CA376596 (Edn 5.000)	Domino Point to Cape North	1:37 500	2022-04-08
CA376650 (Edn 4.000)	Cape Kiglapait to Khikkertarsoak North Island	1:50 000	2022-04-08
CA376668 (Edn 3.000)	Khikkertarsoak North Island to/à Morhardt Point	1:50 000	2022-04-08
CA379026 (Edn 10.000)	Archipel de Mingan	1:35 000	2022-04-22
CA470597 (Edn 7.000)	Grenville Channel to/à Chatham Sound	1:20 000	2022-04-08
CA470624 (Edn 5.000)	Kitkatla Channel and/et Ogden Channel	1:20 000	2022-04-08
CA470659 (Edn 3.000)	Kitkatla Channel and/et Porcher Inlet (part 2 of 2)	1:20 000	2022-04-08
CA473285 (Edn 5.000)	Bruce Mines to/à Sugar Island	1:25 000	2022-04-15
CA570138 (Edn 9.000)	Esquimalt Harbour	1:2 500	2022-04-08
CA570174 (Edn 4.000)	Malaspina Inlet, Okeover Inlet and/et Lancelot Inlet	1:6 000	2022-04-15
CA570195 (Edn 9.000)	Approaches to/Approches à Campbell River	1:5 000	2022-04-01
CA573400 (Edn 3.000)	Hall Beach	1:5 000	2022-04-29
CA576269 (Edn 3.000)	Shippegan Harbour	1:10 000	2022-04-01

S-57 ENC Number	Chart Title	ENC Compilation Scale	Published
Charts Permanently Withdrawn			
CA370191	Dixon Entrance, Eastern Portion/Partie Est		
CA370518	Portland Canal and/et Observatory Inlet		
CA370731	Bonilla Island to/à Edye Passage part 4 of 4		
CA470074	Approaches to/Approches à Prince Rupert Harbour		
CA470268	Alice Arm		
CA470269	Nass Bay		
CA470283	Work Channel A-B		
CA470284	Work Channel B-C		
CA470314	Malacca Passage to/à Bell Passage (Part 1 of 2)		
CA470315	Malacca Passage to/à Bell Passage (Part 2 of 2)		
CA470363	Approaches to/Approches à Portland Inlet, Western Portion//Partie Ouest		
CA470364	Approaches to/Approches à Portland Inlet, Eastern Portion/Partie Est		
CA470369	Hudson Bay Passage (Western Portion, Part 1 of 2)		
CA470370	Hudson Bay Passage (Eastern Portion, Part 2 of 2)		
CA470523	Portland Inlet, Khutzeymateen Inlet and/et Pearse Canal		
CA476423	Punchbowl and Approches/et les approches	Cancelled by CA376429	
CA476651	Okak Harbour	Cancelled by CA376650	
CA476670	Moss Harbour	Cancelled by CA376668	
CA476671	Winnie Bay	Cancelled by CA376668	
CA476672	Hebron Harbour	Cancelled by CA376668	
CA570234	Hunt Inlet	Cancelled by CA571089, CA571085	
CA576570	Flowers Cove	Cancelled by CA576586	

***404/22 Canadian Hydrographic Service – Raster Digital Charts (BSB V3)**

Charts	Main Title	Scale	Published
New Editions			
RM-7125	Pike-Resor Channel	1:37 500	2022-04-15
Charts Permanently Withdrawn			
RM-2064	Kingston to/à False Duck Islands	Cancelled by RM-2016	

***405/22 Transport Canada – Ship Safety Bulletins #17 and #18/2021, #07 #08, #09 and #10/2022**

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

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

[SSB#17/2021](#) – Measures for Persons (other than passengers) on Canadian Vessels and Foreign Passenger Vessels Operating in Canadian Waters to Mitigate the Spread of COVID-19 (modified April 1, 2022)
RDIMS# 17963509

[SSB#18/2021](#) – Measures to Support Safe Cruise Travel in Canada (modified April 1, 2022)
RDIMS# 17917307

[SSB#07/2022](#) – Instructions for submitting Canadian Ballast Water Reporting form (BWRF)
RDIMS# 18385477

[SSB#08/2022](#) – Ukrainian seafarers can now seek Canadian recognition of their STCW certificates
RDIMS# 18449882

[SSB#09/2022](#) – Protecting the North Atlantic right whale: speed restriction measures in the Gulf of St. Lawrence
RDIMS# 18265176

[SSB#10/2022](#) – New environmental measures for cruise ships in waters under Canadian jurisdiction – 2022 season
RDIMS# 18490623

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

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

***406/22 Saguenay–St. Lawrence Marine Park and Surrounding Waters – Whale Protection**

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 2022*.

VOLUNTARY PROTECTION MEASURES

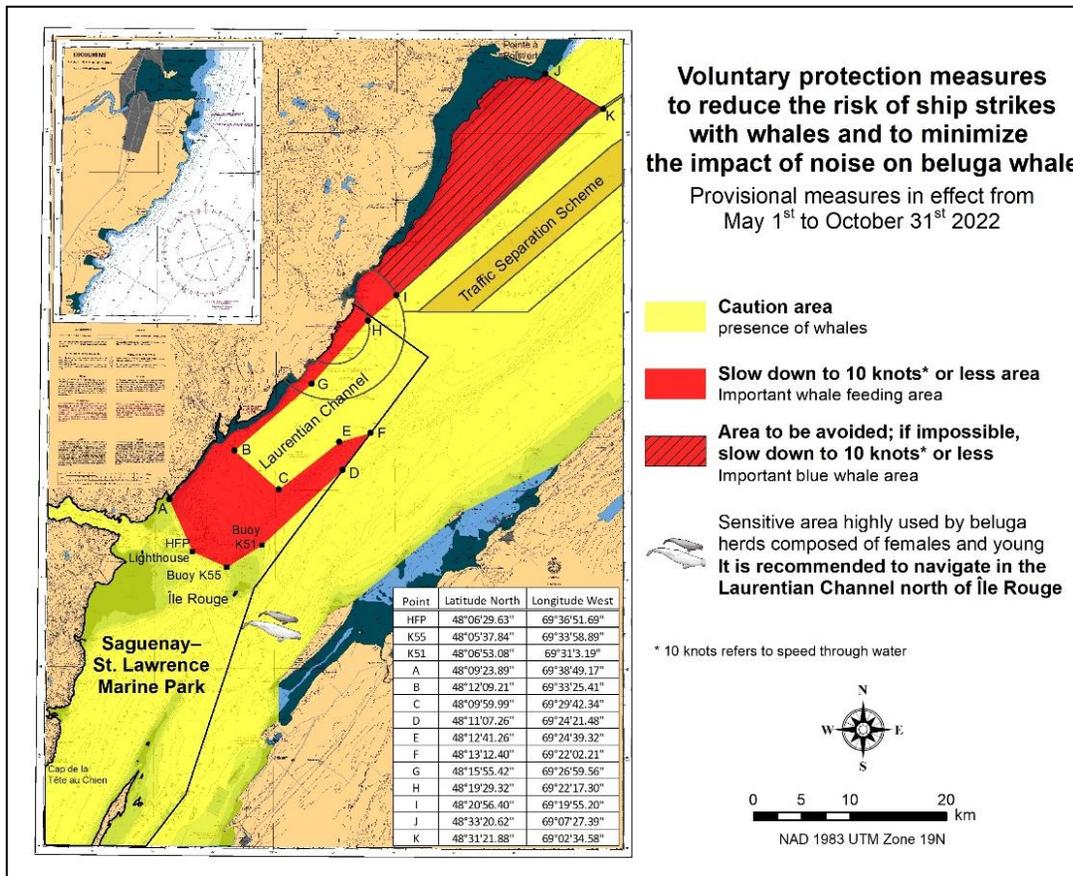
Provisional measures in effect from May 1 to October 31, 2022. See map at the end of this notice.

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.



***407/22 Saguenay–St. Lawrence Marine Park - Beluga Whale Protection: Slowdown Area at the Mouth of the Saguenay Fjord and Area Closure at Baie Sainte-Marguerite**

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, *the slowdown area measure at the mouth of the Saguenay Fjord does 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 2022* or visit marinepark.qc.ca.

REGULATORY PROTECTION MEASURES — BELUGA WHALE

Entire Marine Park Territory:

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

For more information concerning the regulations, consult: marinepark.ca/protect/.

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

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

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

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

VOLUNTARY PROTECTION MEASURES

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

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

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

INFORMATION

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

Figure 1

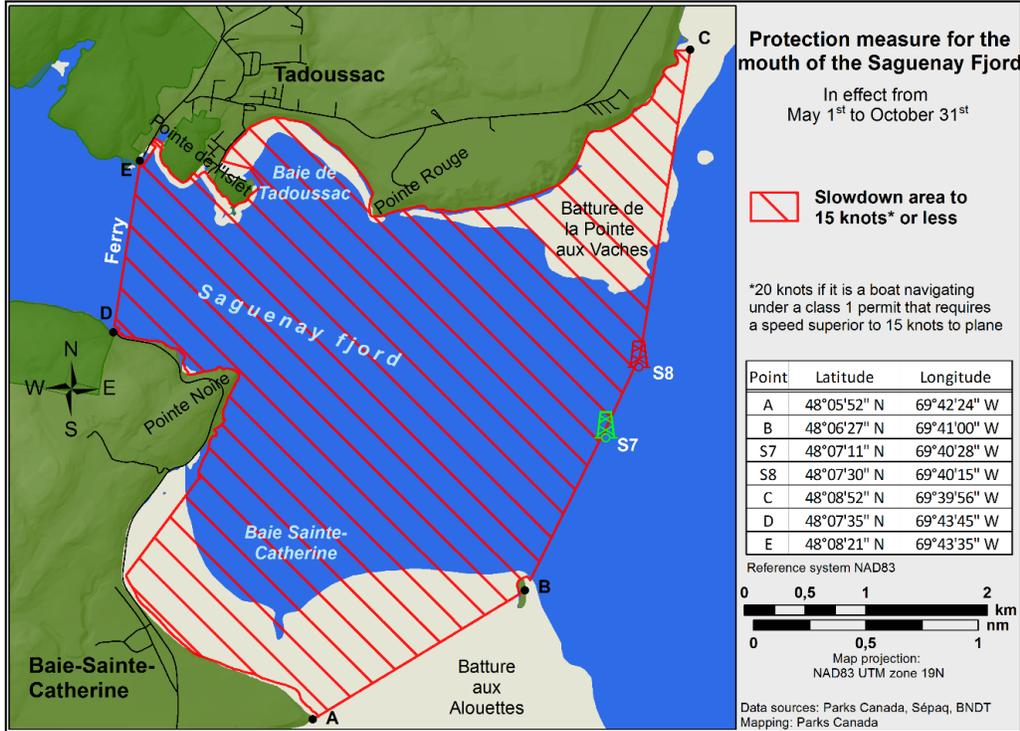
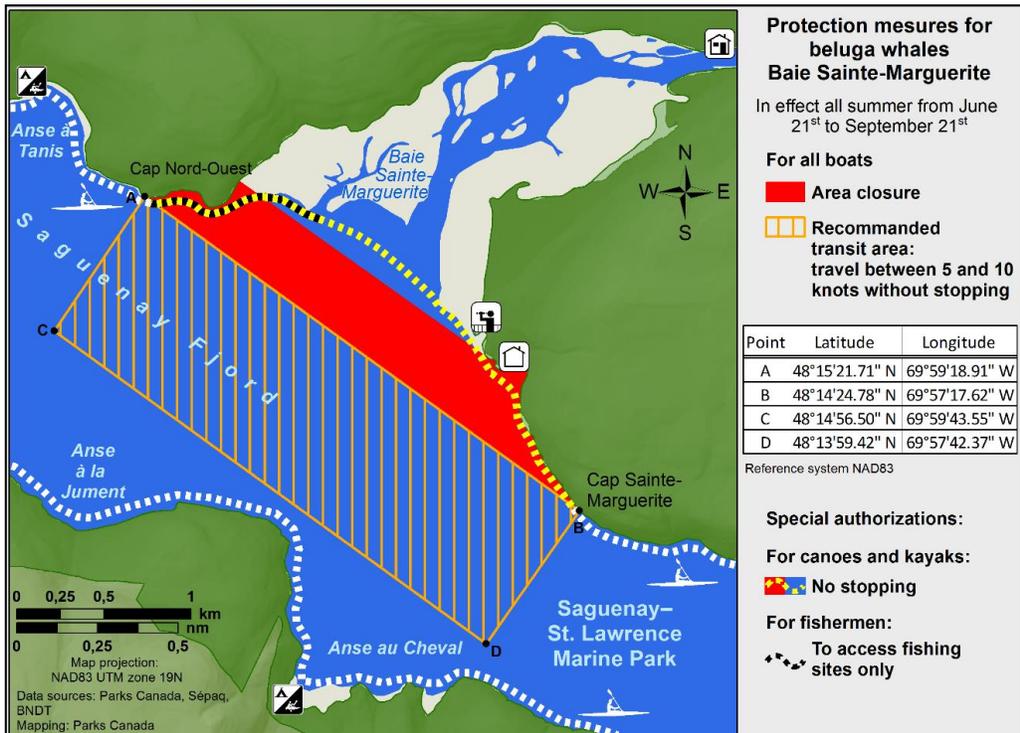


Figure 2



***408/22 Byng Inlet to/à Killarney – Private Daybeacon Permanently Established**

Reference chart: 2204

The following private daybeacon has been permanently established:

Aid Name	LL #	Position
DB-DK19	5271.5	45° 53' 19.0"N 080° 37' 32.1"W

(D2022-013)

***409/22 Carmanville to / à Bacalhoa Island and / et Fogo – Buoys Permanently Changed**

Reference chart: 4862

The Canadian Coast Guard has permanently changed the following aids to navigation:

Aid Name	LL #	Position	Changes
Frederickton Middle light buoy DK8	387.1	49° 25' 48.8"N 054° 21' 14.6"W	Repositioned to the following position: 49° 25' 50.1"N 054° 21' 13.5"W Light has been removed. Aid name changed to "Frederickton conical buoy DK8." LL # changed to 5387.1.
Frederickton Inner light buoy DK9	387.12	49° 25' 45.3"N 054° 21' 19.1"W	Light has been removed. Aid name changed to "Frederickton can buoy DK9." LL # changed to 5587.12.

(N2022-054, 055)

Section 1A: Temporary and Preliminary Notices

Reminder – Comment Period for Active Preliminary Notices

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

Notice #	Reference Chart #	Aids Affected (LL #)	Intent of Notice
Atlantic Coast			
309(P)/22	4906	N/A	81 Stakes to be Discontinued
Inland Waters			
211(P)/22	6108	1468	Aid to navigation to be Discontinued
310(P)/22	2274	817	Range Light to be Discontinued

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

Newfoundland and Labrador Coast

Temporary Notices

No notices applicable for this edition.

Preliminary Notices

Atlantic Region

Comment Submission

Comments on proposed changes in preliminary (P) notices are solicited from mariners and other interested parties within three months of the initial publication date. Following this date, the notices will be cancelled. Any objections raised must state the facts on which they are based and should include supporting information on safety, commerce and public benefit.

Comments should be directed to the following:

Superintendent,
Aids to Navigation & Waterways
Canadian Coast Guard, Atlantic Region
P.O. Box 1000
50 Discovery Drive
Dartmouth, NS B2Y 3Z8
Telephone: (506) 636-4708
Email: DFO.CCGATLaidstoNavDiscont-AidesalanavSupprATLGCC.MPO@dfo-mpo.gc.ca

***410(P)/22 Renews Harbour to/à Motion Bay – Light Buoy to be Discontinued**

Reference chart: 4845

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

Aid Name	LL #	Position
Lumley Cove Outer light buoy MF2	511.21	46° 58' 17.0"N 052° 56' 35.0"W

Initial publication date: Friday, April 29, 2022

[Comment submission deadline](#): Thursday, July 28, 2022

(N2022-052)

Atlantic Coast

Temporary Notices

*411(T)/22 Lac Saint-Pierre – Obstruction: Floating and Falling Debris

Reference chart: 1312

Floating and falling debris reported beneath the bridge located at 46° 04.783'N 073° 09.205'W. The bridge is marked with yellow buoys suspended at mid-height between the deck and the water level. Warning signs installed above.

(NW-Q-1266-19)

Preliminary Notices

Atlantic Region

Comment Submission

Comments on proposed changes in preliminary (P) notices are solicited from mariners and other interested parties within three months of the initial publication date. Following this date, the notices will be cancelled. Any objections raised must state the facts on which they are based and should include supporting information on safety, commerce and public benefit.

Comments should be directed to the following:

Superintendent,
Aids to Navigation & Waterways
Canadian Coast Guard, Atlantic Region
P.O. Box 1000
50 Discovery Drive
Dartmouth, NS B2Y 3Z8
Telephone: (506) 636-4708
Email: [DFO.CCGATLAidstoNavDiscont-
AidesalanavSupprATLGCC.MPO@dfo-mpo.gc.ca](mailto:DFO.CCGATLAidstoNavDiscont-AidesalanavSupprATLGCC.MPO@dfo-mpo.gc.ca)

*412(P)/22 Chéticamp Harbour / Grand Étang Harbour / Margaree Harbours – Aid to Navigation to be Discontinued

Reference chart: 4449

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

Aid Name	LL #	Position
La Pointe (Chéticamp Island)	868	46° 36' 10.5"N 061° 03' 11.3"W

Initial publication date: Friday, April 29, 2022

[Comment submission deadline](#): Thursday, July 28, 2022

(G2022-013)

Inland Waters

Temporary Notices

***413(T)/22 Detroit River – Waterway Information: Bridge Construction**

Reference chart: 14853

Bridge construction operations taking place in an area bounded by:

42° 17.200'N 083° 05.633'W

42° 17.183'N 083° 05.600'W

42° 17.067'N 083° 05.667'W

42° 17.000'N 083° 05.717'W

42° 17.017'N 083° 05.750'W

42° 17.100'N 083° 05.667'W

Unauthorized entry prohibited.

(NW-C-0151-22)

Preliminary Notices

No notices applicable for this edition.

Section 2: Chart Corrections

2202 - Port Severn to/à Penetang Harbour - Sheet/Feuille 1 - New Edition - 05-JAN-2007 - NAD 1983

01-APR-2022		LN/D. 13-JUL-2018
Add	wreck, least depth unknown, dangerous to surface navigation (See Chart No. 1, K28) This notice affects Electronic Navigational Chart: CA473271	44°48'12.0"N 079°47'12.0"W <i>DFO(6604776-01)</i>
Delete	depth of 3 feet (See Chart No. 1, I10)	44°48'12.3"N 079°47'11.0"W <i>DFO(6604776-03)</i>

2202 - Port Severn to/à Tomahawk Island - Sheet/Feuille 1 - New Edition - 05-JAN-2007 - NAD 1983

01-APR-2022		LN/D. 13-JUL-2018
Add	wreck, least depth unknown, dangerous to surface navigation (See Chart No. 1, K28) This notice affects Electronic Navigational Chart: CA473271	44°48'12.0"N 079°47'12.0"W <i>DFO(6604776-01)</i>
Delete	depth of 7 feet (See Chart No. 1, I10)	44°48'10.7"N 079°47'12.7"W <i>DFO(6604776-02)</i>

2202 - Tomahawk Island to/à Twelve Mile Bay - Sheet/Feuille 2 - New Edition - 05-JAN-2007 - NAD 1983

08-APR-2022		LN/D. 01-APR-2022
Delete	port hand day beacon (See Chart No. 1, Qt)	44°58'53.6"N 079°56'55.5"W <i>(D2022009T) DFO(6604845-01)</i>
Add	green port hand spar buoy, marked CD1/5 (See Chart No. 1, Qg)	44°58'53.5"N 079°56'55.1"W <i>DFO(6604845-02)</i>

2207 - Little Current (2207-4) - Sheet/Feuille 2 - New Chart - 27-JUL-2001 - NAD 1983

22-APR-2022		LN/D. 11-DEC-2020
Add	crib with depth of 5.5 metres (See Chart No. 1, Fb, Ka) This notice affects Electronic Navigational Chart: CA573307	45°59'26.3"N 081°56'58.9"W <i>DFO(6604844-01)</i>
Add	crib with depth of 6.7 metres (See Chart No. 1, Fb, Ka) This notice affects Electronic Navigational Chart: CA573307	45°59'25.3"N 081°57'02.5"W <i>DFO(6604844-02)</i>
Add	depth of 5.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA573307	45°58'52.9"N 081°55'19.3"W <i>DFO(6604844-03)</i>

2241 - Port Severn to/à Christian Island - New Chart - 30-JUL-1999 - NAD 1983

01-APR-2022

LNMD. 31-JUL-2020

Add wreck, least depth unknown, dangerous to surface navigation
(See Chart No. 1, K28)
This notice affects Electronic Navigational Chart: CA473271
44°48'12.0"N 079°47'12.0"W
DFO(6604776-01)

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

01-APR-2022

LNMD. 24-DEC-2021

Add subsurface Ocean Data Acquisition System (ODAS) with an unknown
depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA276206
42°50'27.0"N 066°43'52.6"W
DFO(6310052-01)

29-APR-2022

LNMD. 01-APR-2022

Delete subsurface Ocean Data Acquisition System ODAS/SADO with known
depth of 9 metres
(See Chart No. 1, L25)
50°45'30.8"N 052°19'49.1"W
DFO(6310062-01)

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

01-APR-2022

LNMD. 07-JAN-2022

Add subsurface Ocean Data Acquisition System (ODAS) with an unknown
depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA276206
42°50'27.0"N 066°43'52.6"W
DFO(6310052-01)

29-APR-2022

LNMD. 01-APR-2022

Delete subsurface Ocean Data Acquisition System ODAS/SADO with known
depth of 9 metres
(See Chart No. 1, L25)
50°45'30.8"N 052°19'49.1"W
DFO(6310062-01)

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

01-APR-2022

LNMD. 07-JAN-2022

Add subsurface Ocean Data Acquisition System (ODAS) with an unknown
depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA276367
42°18'12.9"N 065°59'15.2"W
DFO(6310051-01)

Add subsurface Ocean Data Acquisition System (ODAS) with an unknown
depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA276206
42°50'27.0"N 066°43'52.6"W
DFO(6310052-01)

4006 - Newfoundland and Labrador/Terre-Neuve-et-Labrador to Bermuda / aux Bermudes - New Edition - 08-AUG-2003 - NAD 1983		
01-APR-2022		LNMD. 25-FEB-2022
Add	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA276206	42°50'27.0"N 066°43'52.6"W <i>DFO(6310052-01)</i>
29-APR-2022		LNMD. 01-APR-2022
Delete	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 9 metres (See Chart No. 1, L25)	50°45'30.8"N 052°19'49.1"W <i>DFO(6310062-01)</i>
4011 - Approaches to / Approches à Bay of Fundy / Baie de Fundy - New Edition - 03-JAN-2003 - NAD 1983		
01-APR-2022		LNMD. 04-MAR-2022
Add	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA276206	42°50'27.0"N 066°43'52.6"W <i>DFO(6310052-01)</i>
4016 - Saint-Pierre to / à St. John's - New Edition - 06-JUN-2003 - NAD 1983		
08-APR-2022		LNMD. 04-MAR-2022
Amend	Iso 10s 98ft 16M to read FI 4s98ft17M against light (See Chart No. 1, P16) This notice affects Electronic Navigational Chart: CA276274, CA376296, CA576299 <i>(N2022041) LL(16) DFO(6310047-01)</i>	47°14'16.3"N 054°00'48.3"W
Amend	FI 15s 90ft 8M to read FI 4s90ft17M against light (See Chart No. 1, P16) This notice affects Electronic Navigational Chart: CA276274, CA376173 <i>(N2022043) LL(50) DFO(6310049-01)</i>	47°19'40.8"N 054°34'59.3"W
4021 - Pointe Amour à / to Cape Whittle et / and Cape George - New Edition - 01-NOV-2002 - NAD 1983		
29-APR-2022		LNMD. 29-OCT-2021
Delete	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 5 metres (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA276138	51°16'36.9"N 057°32'05.6"W <i>DFO(6310064-01)</i>
4211 - Cape Lahave to / à Liverpool Bay - New Edition - 20-JUN-2003 - NAD 1983		
22-APR-2022		LNMD. 06-AUG-2021
Add	depth of 2 fathoms, 2 feet (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376045, CA476202	44°02'45.5"N 064°42'18.9"W <i>DFO(6310059-08)</i>
4227 - Country Harbour to / au Ship Harbour - New Chart - 24-MAY-1991 - NAD 1983		
15-APR-2022		LNMD. 24-DEC-2021
Delete	depth of 24 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°01'51.0"N 061°44'00.0"W <i>DFO(6310054-12)</i>

Add	depth of 17.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°01'48.8"N 061°43'54.8"W <i>DFO(6310054-13)</i>
22-APR-2022		LNMD. 15-APR-2022
Delete	depth of 9.8 metres (See Chart No. 1, I10)	44°54'58.8"N 062°13'50.5"W <i>DFO(6310058-04)</i>
Add	depth of 9.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°55'01.7"N 062°13'32.6"W <i>DFO(6310058-05)</i>
Add	depth of 9.4 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°54'30.2"N 062°13'37.9"W <i>DFO(6310058-06)</i>
Add	depth of 9.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°53'30.8"N 062°13'28.2"W <i>DFO(6310058-07)</i>
Add	depth of 9.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°54'07.3"N 062°14'46.4"W <i>DFO(6310058-08)</i>
Add	depth of 10.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°51'25.5"N 062°13'46.3"W <i>DFO(6310058-09)</i>
Add	depth of 8.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°51'12.4"N 062°19'21.9"W <i>DFO(6310058-16)</i>
Add	depth of 8 metres (See Chart No. 1, I10)	44°52'12.4"N 062°18'03.2"W <i>DFO(6310058-18)</i>
Replace	depth of 6.4 metres with depth of 6.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°48'28.6"N 062°24'06.4"W <i>DFO(6310058-23)</i>
4233 - Cape Canso to / à Country Island - New Chart - 11-JAN-1991 - NAD 1983		
15-APR-2022		LNMD. 24-DEC-2021
Add	depth of 23.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°02'56.0"N 061°36'14.4"W <i>DFO(6310054-09)</i>

4234 - Country Harbour - New Chart - 10-APR-1987 - NAD 1983

15-APR-2022

LNМ/D. 11-MAR-2022

Replace	depth of 8 metres with depth of 6.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476111	45°13'08.5"N 061°44'09.9"W	<i>DFO(6310054-01)</i>
Delete	depth of 17.4 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476111	45°13'02.0"N 061°44'02.6"W	<i>DFO(6310054-02)</i>
Add	depth of 12.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476111	45°13'02.9"N 061°44'01.3"W	<i>DFO(6310054-03)</i>
Delete	depth of 12.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476111	45°12'52.5"N 061°43'41.9"W	<i>DFO(6310054-04)</i>
Add	depth of 11.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476111	45°12'52.2"N 061°43'45.0"W	<i>DFO(6310054-05)</i>
Replace	depth of 11.6 metres with depth of 10.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476111	45°11'07.6"N 061°42'37.9"W	<i>DFO(6310054-06)</i>
Replace	depth of 21.9 metres with depth of 16.2 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476111	45°10'45.2"N 061°42'26.1"W	<i>DFO(6310054-07)</i>
Add	depth of 14.2 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109, CA476111	45°09'15.2"N 061°39'28.8"W	<i>DFO(6310054-08)</i>

4234 - Country Island to / à Barren Island - New Chart - 10-APR-1987 - NAD 1983

15-APR-2022

LNМ/D. 11-MAR-2022

Add	depth of 14.2 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109, CA476111	45°09'15.2"N 061°39'28.8"W	<i>DFO(6310054-08)</i>
Add	depth of 23.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°02'56.0"N 061°36'14.4"W	<i>DFO(6310054-09)</i>
Delete	depth of 18.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°02'09.5"N 061°40'18.4"W	<i>DFO(6310054-10)</i>

Add	depth of 17.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°02'05.0"N 061°40'13.0"W <i>DFO(6310054-11)</i>
Delete	depth of 24 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°01'51.0"N 061°43'58.6"W <i>DFO(6310054-12)</i>
Add	depth of 17.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°01'48.8"N 061°43'54.8"W <i>DFO(6310054-13)</i>
4235 - Barren Island to / à Taylors Head - New Edition - 28-APR-2000 - NAD 1983		
22-APR-2022		LNM/D. 27-AUG-2021
Replace	depth of 23.8 metres with depth of 11.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102, CA476104	44°55'03.5"N 062°13'01.5"W <i>DFO(6310058-01)</i>
Delete	depth of 21.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°55'14.6"N 062°13'44.3"W <i>DFO(6310058-02)</i>
Add	depth of 10.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°55'15.4"N 062°13'49.7"W <i>DFO(6310058-03)</i>
Add	depth of 9.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°55'01.7"N 062°13'32.6"W <i>DFO(6310058-05)</i>
Add	depth of 9.4 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°54'30.2"N 062°13'37.9"W <i>DFO(6310058-06)</i>
Add	depth of 9.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°53'30.8"N 062°13'28.2"W <i>DFO(6310058-07)</i>
Add	depth of 9.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°54'07.3"N 062°14'46.4"W <i>DFO(6310058-08)</i>
Add	depth of 10.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°51'25.5"N 062°13'46.3"W <i>DFO(6310058-09)</i>
Add	depth of 2.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°51'23.2"N 062°17'39.7"W <i>DFO(6310058-10)</i>

Delete	depth of 18.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°51'11.5"N 062°17'44.2"W <i>DFO(6310058-11)</i>
Add	depth of 7.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°51'13.7"N 062°17'43.0"W <i>DFO(6310058-12)</i>
Replace	depth of 4.5 metres with depth of 3.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°51'14.2"N 062°17'56.0"W <i>DFO(6310058-13)</i>
Delete	depth of 11.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°50'57.0"N 062°18'22.0"W <i>DFO(6310058-14)</i>
Add	depth of 6.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°50'59.2"N 062°18'25.1"W <i>DFO(6310058-15)</i>
Add	depth of 8.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°51'12.4"N 062°19'21.9"W <i>DFO(6310058-16)</i>
Add	depth of 7.2 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°51'49.9"N 062°18'30.2"W <i>DFO(6310058-17)</i>
Add	depth of 8 metres (See Chart No. 1, I10)	44°52'12.4"N 062°18'03.2"W <i>DFO(6310058-18)</i>
Add	depth of 16.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°51'35.9"N 062°20'15.9"W <i>DFO(6310058-19)</i>
Replace	depth of 6.4 metres with depth of 6.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°47'58.5"N 062°18'15.8"W <i>DFO(6310058-20)</i>
Delete	depth of 9.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°48'20.8"N 062°21'54.8"W <i>DFO(6310058-21)</i>
Add	depth of 9.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°48'24.8"N 062°21'53.2"W <i>DFO(6310058-22)</i>

Replace	depth of 6.4 metres with depth of 6.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°48'28.6"N 062°24'06.4"W <i>DFO(6310058-23)</i>
Add	depth of 7.2 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°49'45.8"N 062°25'13.2"W <i>DFO(6310058-24)</i>
Add	depth of 16 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°49'33.3"N 062°25'45.0"W <i>DFO(6310058-25)</i>
Add	depth of 9.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102	44°48'51.2"N 062°26'36.8"W <i>DFO(6310058-26)</i>
4235 - Ecum Secum - New Edition - 28-APR-2000 - NAD 1983 22-APR-2022		LNMD. 27-AUG-2021
Replace	depth of 23.8 metres with depth of 11.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376102, CA476104	44°55'03.5"N 062°13'01.5"W <i>DFO(6310058-01)</i>
4255 - Georges Bank / Banc de Georges: Eastern Portion / Partie Est - New Chart - 27-JUL-1990 - NAD 1983 01-APR-2022		LNMD. 07-JAN-2022
Add	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA276367	42°18'12.9"N 065°59'15.2"W <i>DFO(6310051-01)</i>
4321 - Cape Canso to / à Liscomb Island - New Edition - 08-OCT-2004 - NAD 1983 15-APR-2022		LNMD. 24-DEC-2021
Add	depth of 23.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°02'56.0"N 061°36'14.4"W <i>DFO(6310054-09)</i>
Delete	depth of 18.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°02'09.5"N 061°40'18.4"W <i>DFO(6310054-10)</i>
Add	depth of 17.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°02'05.0"N 061°40'13.0"W <i>DFO(6310054-11)</i>
Delete	depth of 24 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°01'51.0"N 061°43'58.6"W <i>DFO(6310054-12)</i>

Add	depth of 17.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376109	45°01'48.8"N 061°43'54.8"W <i>DFO(6310054-13)</i>
4379 - Liverpool Harbour - New Edition - 18-JUL-2003 - NAD 1983		
22-APR-2022		
Replace	depth of 10 feet with depth of 9 feet (See Chart No. 1, I10)	44°02'38.3"N 064°42'43.3"W <i>DFO(6310059-01)</i>
Replace	depth of 11 feet with depth of 9 feet (See Chart No. 1, I10)	44°02'33.4"N 064°42'50.1"W <i>DFO(6310059-02)</i>
Replace	depth of 11 feet with depth of 10 feet (See Chart No. 1, I10)	44°02'33.7"N 064°42'44.0"W <i>DFO(6310059-03)</i>
Replace	depth of 8 feet with depth of 7 feet (See Chart No. 1, I10)	44°02'32.6"N 064°42'55.4"W <i>DFO(6310059-04)</i>
Add	depth of 5 feet (See Chart No. 1, I10)	44°02'32.3"N 064°42'56.8"W <i>DFO(6310059-05)</i>
Add	depth of 10 feet (See Chart No. 1, I10)	44°02'40.7"N 064°42'40.1"W <i>DFO(6310059-06)</i>
Delete	depth of 11 feet (See Chart No. 1, I10)	44°02'41.8"N 064°42'38.8"W <i>DFO(6310059-07)</i>
Add	depth of 14 feet (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA376045, CA476202	44°02'45.5"N 064°42'18.9"W <i>DFO(6310059-08)</i>
Delete	depth of 17 feet (See Chart No. 1, I10)	44°02'45.2"N 064°42'17.7"W <i>DFO(6310059-09)</i>
Delete	depth of 18 feet (See Chart No. 1, I10)	44°02'46.4"N 064°42'14.4"W <i>DFO(6310059-10)</i>
Add	depth of 17 feet (See Chart No. 1, I10)	44°02'45.3"N 064°42'14.9"W <i>DFO(6310059-11)</i>
Add	depth of 17 feet (See Chart No. 1, I10)	44°02'46.2"N 064°42'13.5"W <i>DFO(6310059-12)</i>

4622 - Cape St Mary's to / à Argentinia Harbour and / et Jude Island - New Edition - 20-DEC-2019 - NAD 1983

08-APR-2022

LNMD. 04-MAR-2022

Amend Iso 10s 98ft 16M to read FI 4s98ft17M against light 47°14'16.6"N 054°00'55.8"W
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA276274, CA376296, CA576299
(N2022041) LL(16) DFO(6310047-01)

Amend FI 15s 90ft 8M to read FI 4s90ft17M against light 47°19'36.8"N 054°34'52.8"W
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA276274, CA376173
(N2022043) LL(50) DFO(6310049-01)

4642 - Lamaline Harbour - New Edition - 08-NOV-2002 - NAD 1983

08-APR-2022

LNMD. 25-FEB-2022

Amend FI G to read Q G against green port lighted spar buoy, marked PL5 46°51'42.5"N 055°47'53.1"W
(See Chart No. 1, Qg)
(N2022039) LL(78.13) DFO(6310042-01)

4841 - Cape St Mary's to / à Argentinia - New Edition - 29-MAY-2015 - NAD 1983

08-APR-2022

LNMD. 04-MAR-2022

Amend Iso 10s30m16M to read FI 4s30m17M against light 47°14'15.7"N 054°00'56.8"W
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA276274, CA376296, CA576299
(N2022041) LL(16) DFO(6310047-01)

4841 - Placentia Road - New Edition - 29-MAY-2015 - NAD 1983

08-APR-2022

LNMD. 04-MAR-2022

Amend Iso 10s30m16M to read FI 4s30m17M against light 47°14'15.9"N 054°00'56.8"W
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA276274, CA376296, CA576299
(N2022041) LL(16) DFO(6310047-01)

4847 - Conception Bay - New Edition - 03-AUG-2001 - NAD 1983

08-APR-2022

LNMD. 18-FEB-2022

Amend Iso G to read FI G against light 47°37'34.7"N 052°51'31.2"W
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA376120, CA576122
(N2022042) LL(497) DFO(6310045-01)

4847 - Portugal Cove - New Edition - 03-AUG-2001 - NAD 1983

08-APR-2022

LNMD. 18-FEB-2022

Amend Iso G to read FI G against light 47°37'34.7"N 052°51'31.2"W
(See Chart No. 1, P16)
This notice affects Electronic Navigational Chart: CA376120, CA576122
(N2022042) LL(497) DFO(6310045-01)

4885 - Port Harmon - New Edition - 08-MAR-2002 - NAD 1983

08-APR-2022

LNMD. 24-SEP-2021

Amend FI G to read Q G against green port lighted spar buoy, marked XS9 48°31'30.5"N 058°31'45.4"W
(See Chart No. 1, Qg)
This notice affects Electronic Navigational Chart: CA576826
(N2022038) LL(180.6) DFO(6310041-01)

4909 - Cocagne et / and Shediac - New Chart - 17-JUN-1988 - NAD 1983

15-APR-2022

LNMD. 05-NOV-2021

Delete combined leading beacons with leading line
(See Chart No. 1, Q120)
This notice affects Electronic Navigational Chart: CA476128
46°15'19.7"N 064°32'10.7"W
DFO(6310056-01)

4911 - Entrée à / Entrance to Miramichi River - New Edition - 27-JAN-2006 - NAD 1983

15-APR-2022

LNMD. 14-JAN-2022

Add depth of 6.5 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476133
47°06'15.6"N 064°57'48.4"W
DFO(6310055-01)

Delete depth of 4.5 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476133
47°06'15.4"N 064°57'55.9"W
DFO(6310055-02)

Add depth of 5.5 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476133
47°06'17.7"N 064°57'58.2"W
DFO(6310055-03)

Add depth of 4.4 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476133
47°07'41.7"N 064°59'16.3"W
DFO(6310055-05)

Delete depth of 6.4 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476133
47°06'28.3"N 064°57'57.7"W
DFO(6310055-06)

Add depth of 5.7 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476133
47°06'29.4"N 064°57'57.4"W
DFO(6310055-07)

Add depth of 4.9 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476133
47°06'30.5"N 064°58'04.0"W
DFO(6310055-09)

Replace depth of 5.6 metres with depth of 6.3 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476133
47°06'25.4"N 064°58'05.6"W
DFO(6310055-10)

Add depth of 7.4 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476133
47°06'21.1"N 064°58'11.8"W
DFO(6310055-11)

Replace depth of 4 metres with depth of 3.8 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA476133
47°06'27.2"N 064°58'10.3"W
DFO(6310055-12)

Replace	depth of 6.3 metres with depth of 7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476133	47°06'24.6"N 064°58'15.8"W <i>DFO(6310055-13)</i>
Add	depth of 1.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476133	47°07'20.2"N 064°58'52.5"W <i>DFO(6310055-15)</i>
Replace	depth of 2.5 metres with depth of 1.2 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476133	47°07'27.5"N 064°59'00.1"W <i>DFO(6310055-16)</i>
Replace	depth of 8 metres with depth of 6.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476133	47°07'33.3"N 064°59'08.7"W <i>DFO(6310055-17)</i>
Replace	depth of 8.4 metres with depth of 5.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476133	47°07'51.8"N 064°59'23.1"W <i>DFO(6310055-18)</i>
Delete	depth of 4.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476133	47°08'18.3"N 065°00'07.0"W <i>DFO(6310055-19)</i>
Add	depth of 3.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476133	47°08'16.9"N 065°00'07.8"W <i>DFO(6310055-20)</i>
Delete	depth of 3.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476133	47°08'18.2"N 065°00'10.5"W <i>DFO(6310055-21)</i>
Replace	depth of 9.8 metres with depth of 8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476133	47°08'59.9"N 065°02'44.1"W <i>DFO(6310055-22)</i>
4912 - Miramichi - New Edition - 27-JAN-2006 - NAD 1983		
15-APR-2022		LNM/D. 05-MAR-2021
Replace	depth of 8.1 metres with depth of 7.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476125	47°07'54.1"N 065°12'35.6"W <i>DFO(6310055-04)</i>
Replace	depth of 6.4 metres with depth of 6.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476125	47°07'46.1"N 065°09'10.3"W <i>DFO(6310055-23)</i>
Delete	depth of 5.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476125	47°07'59.6"N 065°10'37.2"W <i>DFO(6310055-26)</i>

Add	depth of 5.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476125	47°07'58.8"N 065°10'38.2"W <i>DFO(6310055-27)</i>
Delete	depth of 5.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476125	47°08'04.5"N 065°11'07.5"W <i>DFO(6310055-28)</i>
Add	depth of 5.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476125	47°08'04.0"N 065°11'08.7"W <i>DFO(6310055-29)</i>
Replace	depth of 6 metres with depth of 5.4 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA476125	47°08'07.3"N 065°11'32.7"W <i>DFO(6310055-30)</i>
5001 - Labrador Sea / Mer du Labrador - New Edition - 17-JAN-2003 - NAD 1983 29-APR-2022		LNLM/D. 02-OCT-2020
Delete	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 9 metres (See Chart No. 1, L25)	50°45'30.8"N 052°19'49.1"W <i>DFO(6310062-01)</i>
6105 - Rainy Lake / Lac à la Pluie - Sheet/Feuille 1 - New Edition - 21-JUN-2002 - NAD 1983 22-APR-2022		LNLM/D. 06-NOV-2020
Delete	light FG (See Chart No. 1, P1)	48°36'41.7"N 093°21'10.4"W <i>DFO(6604856-01)</i>
Delete	light FG (See Chart No. 1, P1)	48°36'41.4"N 093°21'06.0"W <i>DFO(6604856-02)</i>
Delete	legend '2 LTS FG' (See Chart No. 1, P16)	48°36'42.7"N 093°21'30.4"W <i>DFO(6604856-03)</i>
6421 - Hardie Island to/à Fort Good Hope Kilometre 1040 / Kilometre 1100 - New Edition - 30-MAR-2018 - World Geodetic System 1984 22-APR-2022		LNLM/D. 02-JUL-2021
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 66°03'29.0"N 129°07'16.8"W to 66°03'42.4"N 129°07'11.4"W <i>DFO(6604827-01)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 66°03'50.2"N 129°06'53.9"W to 66°03'51.7"N 129°06'49.1"W <i>DFO(6604827-02)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 66°04'05.2"N 129°06'05.4"W to 66°04'07.3"N 129°06'14.5"W <i>DFO(6604827-03)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 65°59'06.2"N 129°06'44.0"W to 65°59'08.2"N 129°06'26.4"W <i>DFO(6604827-04)</i>

8005 - Georges Bank - New Edition - 20-JUN-2003 - NAD 1983

01-APR-2022

LNMD. 07-JAN-2022

Add subsurface Ocean Data Acquisition System (ODAS) with an unknown depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA276367

42°18'12.9"N 065°59'15.2"W

DFO(6310051-01)

8006 - Scotian Shelf / Plate-Forme Néo-Écossaise: Browns Bank to Emerald Bank / Banc de Brown au Banc D'Émeraude - New Edition - 14-FEB-2003 - NAD 1983

01-APR-2022

LNMD. 07-JAN-2022

Add subsurface Ocean Data Acquisition System (ODAS) with an unknown depth
(See Chart No. 1, L25)
This notice affects Electronic Navigational Chart: CA276367

42°18'12.9"N 065°59'15.2"W

DFO(6310051-01)

8015 - Funk Island and Approaches / et les approches - New Edition - 16-NOV-2001 - NAD 1983

29-APR-2022

LNMD. 07-MAY-2021

Delete subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 9 metres
(See Chart No. 1, L25)

50°24'40.0"N 049°11'45.3"W

DFO(6310061-01)

Delete subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 9 metres
(See Chart No. 1, L25)

50°45'30.8"N 052°19'49.1"W

DFO(6310062-01)

8049 - St. Michael Bay to/aux Gray Islands - New Edition - 07-MAR-2003 - Unknown

29-APR-2022

LNMD. 25-JUN-2021

Delete subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 9 metres
(See Chart No. 1, L25)

50°45'30.8"N 052°19'49.1"W

DFO(6310062-01)

Section 3: Radio Aids to Marine Navigation Corrections

***414/22 Radio Aids to Marine Navigation 2022 (Atlantic, St. Lawrence, Great Lakes, Lake Winnipeg, Arctic and Pacific)**

Page 1-1

DELETE THE FOLLOWING SECTION:

1.1.1 The *Radio Aids to Marine Navigation* Annual Publication

Page 1-1

AMEND:

1.1.2 Marine Mammal Protection

TO READ:

1.1.1 Marine Mammal Protection

Page 1-2

AMEND:

1.1.3 Iridium SafetyCast Service

TO READ:

1.1.2 Iridium SafetyCast Service

Page 1-2

AMEND:

1.1.3.1 NAVAREAs XVII and XVIII

Effective October 1st 2020, an Iridium SafetyCast Service for broadcasting navigational warnings in the English language will be declared to be “On Trial” for Canada’s Arctic NAVAREAs XVII and XVIII.

During the Iridium SafetyCast “On Trial” phase, navigational warnings will be broadcast in accordance with the Revised Joint IMO/IHO/WMO Maritime Safety Information Manual on an intermittent and test basis. The “On Trial” phase is a test and evaluation stage which is necessary to ensure navigational warnings are processed and promulgated in a timely and appropriate manner.

NAVAREAs XVII and XVIII will broadcast Iridium SafetyCast messages to vessels with an approved SafetyCast receiver. On vessels with Iridium GMDSS terminals installed, mariners are advised to check their manufacturer’s operation manuals to obtain information on the setting of their SafetyCast receivers to receive relevant SafetyCast messages.

During this period, the Canadian Coast Guard will not guarantee service availability.

Determination when NAVAREAs XVII and XVIII are ready to declare “Operational” status will come at a later date and will be announced through a subsequent Notice to Mariners.

TO READ:

1.1.2.1 NAVAREAs XVII and XVIII

Effective May 1st 2022, the Iridium SafetyCast Service for broadcasting navigational warnings in the English language will be declared to be “Operational” for Canada’s Arctic NAVAREAs XVII and XVIII.

All navigational warnings will be broadcast in accordance with the Revised Joint IMO/IHO/WMO Maritime Safety Information Manual and promulgated in a timely and appropriate manner.

NAVAREAs XVII and XVIII will broadcast Iridium SafetyCast messages to vessels with an approved SafetyCast receiver. On vessels with Iridium GMDSS terminals installed, mariners are advised to check their manufacturer’s operation manuals to obtain information on the setting of their SafetyCast receivers to receive relevant SafetyCast messages.

Page 1-2

AMEND:

1.1.3.2 METAREAs XVII and XVIII, and the Hudson Bay Area of METAREA IV

Effective June 1st 2021, an Iridium SafetyCast Service for broadcasting of meteorological warnings, meteorological forecasts and ice information in the English language will be declared to be “On Trial” for Canada’s Arctic METAREAs XVII and XVIII, and the Hudson Bay area of METAREA IV.

During the Iridium SafetyCast “On Trial” phase, meteorological warnings, meteorological forecasts and ice information will be broadcast in accordance with the Revised Joint IMO/IHO/WMO Maritime Safety Information Manual on an intermittent and test basis. The “On Trial” phase is a test and evaluation stage which is necessary to ensure meteorological warnings, meteorological forecasts and ice information are processed and promulgated in a timely and appropriate manner.

METAREAs XVII and XVIII will broadcast Iridium SafetyCast messages, including messages for the Hudson Bay area of METAREA IV, to vessels with an approved SafetyCast receiver. On vessels with Iridium GMDSS terminals installed, mariners are advised to check their manufacturer’s operation manuals to obtain information on the setting of their SafetyCast receivers to receive relevant SafetyCast messages.

During this period, Environment and Climate Change Canada will not guarantee service availability.

Determination when METAREAs XVII and XVIII, and the Hudson Bay area of METAREA IV, are ready to declare “Operational” status will come at a later date and will be announced through a subsequent Notice to Mariners.

TO READ:

1.1.2.2 METAREAs XVII and XVIII, and the Hudson Bay Area of METAREA IV

Effective May 1st 2022, the Iridium SafetyCast Service for broadcasting of meteorological warnings, meteorological forecasts and ice information in the English language will be declared to be “Operational” for Canada’s Arctic METAREAs XVII and XVIII, and the Hudson Bay area of METAREA IV.

All meteorological warnings, meteorological forecasts and ice information will be broadcast in accordance with the Revised Joint IMO/IHO/WMO Maritime Safety Information Manual and promulgated in a timely and appropriate manner.

METAREAs XVII and XVIII will broadcast Iridium SafetyCast messages, including messages for the Hudson Bay area of METAREA IV, to vessels with an approved SafetyCast receiver. On vessels with Iridium GMDSS terminals installed, mariners are advised to check their manufacturer’s operation manuals to obtain information on the setting of their SafetyCast receivers to receive relevant SafetyCast messages.

Page 1-3

AMEND:

1.1.4 DGPS

TO READ:

1.1.3 DGPS

Page 2-12

DELETE THE FOLLOWING FOR SECTION 2.1.3:

Labrador MCTS Centre VHF/DF Advisory Service

A VHF/DF Advisory Service is available to vessels within range of the receiver site located at Twillingate. Information concerning position, bearing and distance may be provided for use at the discretion of the user.

Page 2-13

DELETE AS FOLLOWS FOR SECTION 2.1.3:

Table 2-5 - Labrador MCTS/VOK - Ship/Shore Communications

Sites located at	Channels	Frequencies		Remarks
		Transmit	Receive	
Twillingate 49°41'10"N 054°48'00"W	Ch16 Ch24 Ch70	-	-	VHF Direction Finding service is available Ch24: Facilities are available for connecting ships directly to the commercial telephone system on shore.

Page 2-20

AMEND AS FOLLOWS FOR SECTION 2.1.4:

Table 2-8 - Les Escoumins MCTS/VCF - Broadcasts

Time UTC	Site	Frequency or Channel	Contents
Continuous	Lac Daigle Grosses-Roches Cap à l'Est	Ch21B	Radiotelephony (French followed by English) <ul style="list-style-type: none"> • Weather for marine forecast areas 219, 301, 302, 303, 304, 305 and 313. • Navigational warnings for the Saguenay River and the St. Lawrence River from Île aux Coudres Blanche to a line from Mingan to Cap Gaspé including Port Menier and the western point of Anticosti Island. • Ice information for the Saguenay River and the St. Lawrence River from Île aux Coudres Blanche to Cabot and Belle-Isle straits (when available). • Notices to Fish Harvesters (when available).
	Mont-Louis Mont-Joli Sacré-Cœur	Ch83B	

Pages 2-39 to 2-40

DELETE THE FOLLOWING TABLE FOR SECTION 2.1.9:

Table 2-20 - Québec MCTS/VCC - Broadcasts

REPLACE AS FOLLOWS:

Table 2-20 - Québec MCTS/VCC - Broadcasts

Time UTC	Site	Frequency or Channel	Contents
Continuous	Lauzon Rivière-du-Loup Mont-Saint-Bruno	Ch21B	Radiotelephony <ul style="list-style-type: none"> • Technical marine synopsis and marine forecasts for marine forecast areas 303*, 305, 306, 307, 308, 309 and 314. • Navigational warnings for the region: from a line from Les Escoumins - Trois-Pistoles to Cornwall (Ontario), including the Ottawa River, Lac des Deux-Montagnes between buoy H331 (Papineauville) and Sainte-Anne-de-Bellevue, Lake St-François, Lake St-Louis, Rivière des Milles-Îles, Rivière des Prairies and Rivière Richelieu up to U.S. boundaries including Missisquoi Bay. • Water level for Montréal, Sorel, Trois-Rivières, Pointe Claire*, Sainte-Anne-de-Bellevue*. • Ice information. • Seaway message.
	Mont Rigaud Sorel	Ch25B	
	Montmagny Trois-Rivières L'Acadie	Ch83B	

Page 5-29

AMEND:

5.10.3 Marine Weather Observations and Forecast Bulletins

Observations available on the Environment and Climate Change Canada Weatheradio network are updated hourly and include a series of coastal stations extending around the coast of Newfoundland and Labrador to the Maritimes and into the Gulf of St. Lawrence, as well as offshore buoys when available. Marine forecast bulletins are updated at regular intervals or whenever necessary. These bulletins are available on MSC's Automated Telephone Answering Device (ATAD), as well as Weatheradio and CCG's Continuous Marine Broadcast (CMB).

TO READ:

5.10.3 Marine Weather Observations and Forecast Bulletins

As of November 15 2021, observations and forecast bulletins are available on MSC's Hello Weather Service at 1-833-79HELLO (1-833-794-3556). Hello Weather has replaced MSC's Automated Telephone Answering Device (ATAD). Observations and forecast bulletins are also available on Weatheradio and the CCG's continuous marine broadcast (CMB). Observations are updated hourly and include a series of coastal stations extending around the coast of Newfoundland and Labrador to the Maritimes and into the Gulf of St. Lawrence, as well as offshore buoys when available. Marine forecast bulletins are updated at regular intervals or whenever necessary.

Page 5-34

AMEND AS FOLLOWS:

5.11.4 Marine Weather Observations and Forecast Bulletins

As of November 15 2021, observations and forecast bulletins ~~will be~~ **are** available on MSC's Hello Weather Service at 1-833-79HELLO (1-833-794-3556). Hello Weather ~~will replace~~ **has replaced** MSC's Automated Telephone Answering Device (ATAD). Observations and forecast bulletins are also available on Weatheradio and the CCG's continuous marine broadcast. Observations are updated hourly and include a series of coastal stations extending from the coast of Maine around the Maritimes and into the Gulf of St. Lawrence, as well as offshore buoys. Marine forecast bulletins are updated at regular intervals or whenever necessary.

Page 5-38

AMEND:

5.12.4 Marine Weather Observations and Forecast Bulletins

Environment and Climate Change Canada operates a network of coastal and insular weather observing stations as well as one weather buoy. Hourly weather reports from these stations are available continuously on Environment and Climate Change Canada's Weatheradio (see Weatheradio Canada below) and on request from the CCG MCTS Centres (refer to Marine Weather Observations). Marine forecasts are updated at regular intervals or whenever necessary and are available on Weatheradio and CCG's continuous marine broadcast.

TO READ:

5.12.4 Marine Weather Observations and Forecast Bulletins

As of November 15 2021, observations and forecast bulletins are available on MSC's Hello Weather Service at 1-833-79HELLO (1-833-794-3556). Hello Weather has replaced MSC's Automated Telephone Answering Device (ATAD). Observations and forecast bulletins are also available on Weatheradio and the CCG's continuous marine broadcast (CMB). Observations are updated hourly and include a series of coastal stations along the St. Lawrence River. Marine forecast bulletins are updated at regular intervals or whenever necessary.

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ADD THE FOLLOWING NEW SECTION 5.13.5:

5.13.5 Marine Weather Observations and Forecast Bulletins

As of November 15 2021, observations and forecast bulletins are available on MSC's Hello Weather Service at 1-833-79HELLO (1-833-794-3556). Hello Weather has replaced MSC's Automated Telephone Answering Device (ATAD).”

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AMEND:

5.13.5 Weatheradio Canada

TO READ:

5.13.6 Weatheradio Canada

Page 5-43

AMEND:

5.13.6 Marine Forecast Areas

TO READ:

5.13.7 Marine Forecast Areas

Page 5-44

AMEND AS FOLLOWS:

5.14.2 Marine Weather Observations and Forecast Bulletins

Local weather observations are available for several stations including lighthouses, ocean buoys, automatic weather reporting stations and other stations of the regular weather network. The broadcast listing provides more information on available stations and broadcast times. Marine forecast bulletins are updated at regular intervals or whenever necessary. Starting November 15 2021, observations and forecast bulletins ~~will be~~ **are** available on MSC's Hello Weather Service at 1-833-79HELLO (1-833-794-3556). Hello Weather ~~will replace~~ **has replaced** MSC's Automated Telephone Answering Device (ATAD). Observations and forecast bulletins are also available on Weatheradio and CCG's continuous marine broadcast.

Section 4: Sailing Directions and Small Craft Guide Corrections

No corrections for this section.

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

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

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

PLACENTIA BAY (LL 14.4 – 79)

16 H0422	Point Verde Light Station	47 14 15.9 054 00 56.7	Fl W 4s	29.9	17	Square skeleton tower, red and white square daymark. 11.3	Flash 1 s; eclipse 3 s. Year round. Horn – Blast 4 s; sil. 56 s. Horn points 254°. Chart:4841 Edn 04/22 (N22-041, 049)
50 H0386	Marticot Island Light Station	On southeasterly side of island. 47 19 36.8 054 34 52.8	Fl W 4s	27.4	17	Square skeleton tower, red and white daymark. 11.3	Flash 1 s; eclipse 3 s. Visible from 227° through W. and N. to 075°. Year round. Horn – Blast 3 s; sil. 27 s. Horn points 121°. Chart:4622 Edn 04/22 (N21-128, N22-043, 044)
74.61	Lord's Cove Inner light buoy PC4						Delete from list. Chart:4625 Edn 04/22 (N22-046)
78.13	Lamaline Inner light buoy PL5	46 51 42.5 055 47 53.1	Q G 1s	Green spar, marked "PL5".	Seasonal. Chart:4642 Edn 04/22 (N22-039)

WEST COAST (LL 173 – 208.2)

180.6	Port Harmon Turn Basin West light buoy XS9	48 31 30.5 058 31 45.4	Q G 1s	Green spar, marked "XS9".	Year round. Chart:4885 Edn 04/22 (N22-038)
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NOTRE DAME BAY (LL 326 – 346.36, 354 – 395)

387.1	Frederickton Middle light buoy DK8						Delete from list. Chart:4862 Edn 04/22 (N22-055)
387.12	Frederickton Inner light buoy DK9						Delete from list. Chart:4862 Edn 04/22 (N22-054)

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

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
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CONCEPTION BAY (LL 471.7 – 498.5)

497 H0472	Portugal Cove Light and Fog Signal	On outer end of breakwater. 47 37 34.7 052 51 31.2	Fl G 4s	6.1	7	Square skeleton tower, green and white rectangular daymark. 3.9	Flash 1 s; eclipse 3 s. Year round. Whistle - Blast 3 s; sil. 27 s. Chart:4847 Edn 04/22 (N22-042)
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INLAND WATERS

GEORGIAN BAY (LL 814 – 982)

890	Waubashene range	On flat, N. of channel opposite village of Waubashene. 44 45 44.3 079 42 23.7	F R	4.1	15	Cylindrical mast, white daymark with orange vertical stripe. 3.0	Operates 24 h. Seasonal (in place year round).
891		092° 20' 117.3 m from front.	F R	8.2	15	Cylindrical mast, white daymark with orange vertical stripe. 6.6	Operates 24 h. Seasonal (in place year round). Chart:2241 Edn 04/22 (D22-007, 008)
921	Carling Rock light buoy P30	Off N. edge of shoal. 45 20 06.4 080 14 10.3	Fl R 4s	Red, marked "P30".	(Winter spar.) Seasonal. Chart:2224 Edn 04/22 (D22-005)

LAKE SUPERIOR (LL 1082 – 1161)

1151	Thunder Bay Central Entrance, South	On breakwater, S. side of main entrance. 48 25 53.8 089 11 51.8	Fl G 4s	7.0	5	Cylindrical mast, red and white rectangular daymark with black square in centre. 6.1	Floodlit. Seasonal. Chart:2314 Edn 04/22 (D22-014)
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HUDSON STRAIT AND BAY (LL 2545 – 2621)

2599.1	Pangnirtung East Breakwater Light	End of E. breakwater. 66 09 00.5 065 42 24.5	Fl G 4s	8.0	1	Cylindrical mast.	Seasonal (in place year round). Chart:7150 Edn 04/22 (A22-006)
2599.2	Pangnirtung West Breakwater Light	End of W. breakwater. 66 09 01.7 065 42 38.5	Fl R 4s	8.0	1	Cylindrical mast.	Seasonal (in place year round). Chart:7150 Edn 04/22 (A22-007)
2599.3		66 08 51.3 065 42 15.5	Iso Y 2s	18.3	6	Cylindrical mast, orange daymark with black stripe.	Seasonal (in place year round).
2599.4	Pangnirtung Harbour Range	326° 45' 140 m from front.	Iso Y 2s	27.1	7	Cylindrical mast, orange daymark with black stripe.	Seasonal (in place year round). Chart:7150 Edn 04/22 (A22-008, 009)