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Canadian Coast Guard | Garde côtière canadienne

Notices to Mariners

Edition No. 04/2024
April 26, 2024

Safety First, Service Always

Monthly Eastern Edition

Canada

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Edition No. 04/2024

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Notices to Mariners – Monthly Editions (English)
Avis aux navigateurs – Publications mensuelles (French)

Explanatory Notes – Notices to Mariners (NOTMAR)

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

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

Visibility of lights is that in clear weather.

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

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

Distances may be calculated as follows:

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

Temporary and Preliminary Notices to Mariners – Section 1A of *Notices to Mariners*
These notices are indicated by a (T) or a (P), respectively. Please note that nautical charts are not amended by the Canadian Hydrographic Service for temporary (T) and preliminary (P) notices. It is recommended that mariners chart these corrections in pencil. For the list of charts affected by (T) & (P) notices, please refer to the current *Notices to Mariners - Monthly Summary of Temporary and Preliminary Notices* publication.

Suggestions and Corrections Form
This form is specifically for suggestions and corrections to Notices to Mariners publications. It is available online and also in fillable PDF format included with the monthly publication ZIP file.

To submit comments and suggestions on possible improvements to the various publications and services: DFO.Notmar-Notmar.MPO@dfo-mpo.gc.ca.

To report chart discrepancies and/or corrections to the *Canadian 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.

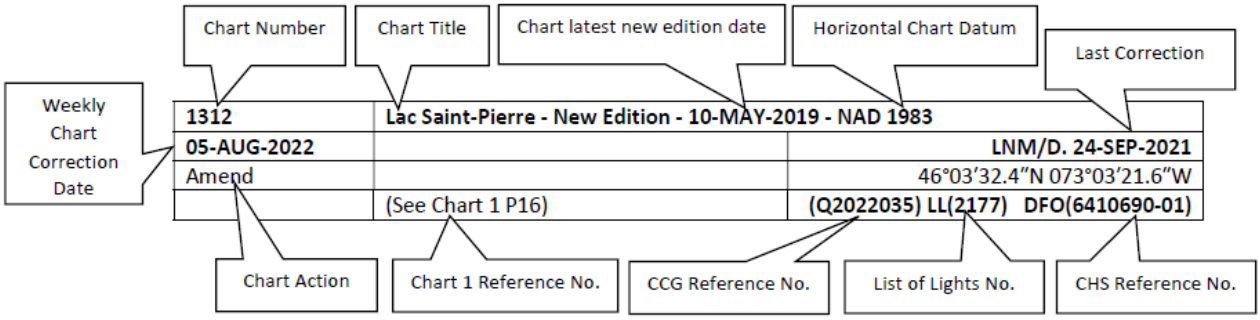
In addition, the monthly publication and related files to download, such as chart patches, can be obtained all together through the download of a single ZIP file.

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 **LNM/D** or **L**ast **N**otice to **M**ariners Number **/ D**ate.

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 2024*. The source supply and the prices effective at the time of printing are listed. For current chart edition dates, please refer to the Canadian Hydrographic Service – List of Charts.

Explanatory Notes – Marine Communications and Traffic Services (MCTS)

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

These changes are advertised as Navigational Warnings, formerly called Notices to Shipping[1], 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.

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.

Atlantic Region (North) ***Port aux Basques MCTS Centre** "N" Series NAVWARN 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	**Central Region** ***Prescott MCTS Centre** "Q" and "C" Series NAVWARN 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
Atlantic Region (South) ***Sydney MCTS Centre** "M" Series NAVWARN 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	**Arctic Region** ***Iqaluit MCTS Centre** *Operational from approximately mid-May until late December.* "A" Series NAVWARN Canadian Coast Guard P.O. Box 189 Iqaluit, NU X0A 0H0 Telephone: 867-979-5269 Facsimile: 867-979-4264 Email: NAVWARN.MCTSIqaluit@innav.gc.ca

*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

This numerical index lists all nautical charts mentioned in this monthly edition of Notices to Mariners. Only charts appearing in Section 2 of this publication require a chart correction. The appearance of charts in all other sections, particularly those related to the correction of other nautical publications, is included here for reference.

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Section 1: General and Safety Information

*505/23 Canadian Hydrographic Service – Magnetic Declination Calculations

(Recurrent publication of notice *505/23, originally published in the *Notices to Mariners – Monthly Eastern Edition 05/2023* publication.)

Mariners are advised that CHS has adopted the harmonized World Magnetic Model (WMM), as found on the NCEI/NOAA website. Old compass rose declination information on CHS navigational products can be updated using this website: https://www.ngdc.noaa.gov/geomag/calculators/magcalc.shtml#declination. While the differences in the model declinations are small each year, they can become more significant over a large period of time.

*1207/23 Canadian Hydrographic Service – Inappropriate Geographical Names Review Process

(Recurrent publication of notice *1207/23, originally published in the *Notices to Mariners – Monthly Eastern Edition 12/2023* publication.)

The records of the Canadian Hydrographic Service could contain geographical names that may be considered inappropriate, offensive and derogatory. Geographical naming authorities are in the process of addressing many offensive place names, the review process is underway. For more information, about inappropriate geographical names, please see the following announcement.

*401/24 Protecting the North Atlantic Right Whale: Speed Restriction Measures in the Gulf of St. Lawrence

Purpose

This bulletin 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 “voluntary seasonal 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, 2024* 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 broadcasted 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 17th, 2024, while the restricted area will be implemented based on whale presence.

A voluntary seasonal 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 (Spring and fall).

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

Speed Restriction Measures for 2024

These restrictions will be in effect from **April 17 to November 15, 2024**.

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.

Exclusions

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 exclusion

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 within the static zones.

If a notice to fish harvesters and a NAVWARN state that at least one North Atlantic right whale has been detected in waters within a static zone or its associated buffer zone that are not more than 36.57m deep, the speed limit of 10.0 knot over the ground will apply in the concerned zone(s) to all vessels above 13m in length overall (LOA). The speed restriction will be in effect for 15 days after the day on which the whale was detected. The buffer zones associated with the static zones are located 5 miles north and south of their adjacent border in waters less than 36.57m deep.

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
- 48º 03’ N 061º 07.5’ W
- 47º 58.1’ N 061º 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 routeing systems north and south of Anticosti Island: A, B, C, D and E

Coordinates for the dynamic shipping zones:

Zone A

- 49º 41’ N, 065º 00’ W
- 49º 20’ N, 065º 00’ W
- 49º 11’ N, 064º 00’ W
- 49º 22’ N, 064º 00’ W

Zone B

- 49º 22’ N, 064º 00’ W
- 49º 11’ N, 064º 00’ W
- 48º 48’ N, 063º 00’ W
- 49º 00’ N, 063º 00’ W

Zone C

- 49º 00’ N, 063º 00’ W
- 48º 48’ N, 063º 00’ W
- 48º 24’ N, 062º 00’ W
- 48º 35’ N, 062º 00’ W

Zone D

- 50º 16’ N, 064º 00’ W
- 50º 00’ N, 064º 00’ W
- 49º 56’ N, 063º 00’ W
- 50º 16’ N, 063º 00’ W

Zone E

- 48º 35’ N 062º 00’ W
- 48º 24’ N 062º 00’ W
- 48º 03’ N 061º 07.5’ W
- 47º 58.1’ N 061º 03.5’ W
- 48º 00’ N 061º 00’ W
- 48º 10.5’ N 061º 00’ W

When a North Atlantic right whale is detected in a dynamic shipping zone or in the buffer zones, located 5 nautical miles south or 2.5 nautical miles from the eastern and western edges of the dynamic shipping zones:

- 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. Mariners 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), or in their buffer zones, 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 will 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 17th to June 25th, 2024; **and**
- are allowed to proceed at a safe operational speed from June 26th to November 15th, 2024, 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 will 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’ right whale closure protocol or at the latest on June 19th, 2024. The restricted area will be lifted once the North Atlantic right whale detections decrease in the restricted area or at the latest on September 25th, 2024.

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, 2024*. Triggering and lifting of the restricted area will be communicated to mariners through NAVWARNs and notices 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, 2024;
- 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. The following listed vessels 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.

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

Voluntary seasonal slowdown in Cabot Strait

To coincide with the North Atlantic right whales entering and exiting the Gulf of St. Lawrence in large numbers, a voluntary seasonal slowdown is being put in place in Cabot Strait from April 17th to June 25th, 2024, and from September 25th to November 15th, 2024.

- 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.

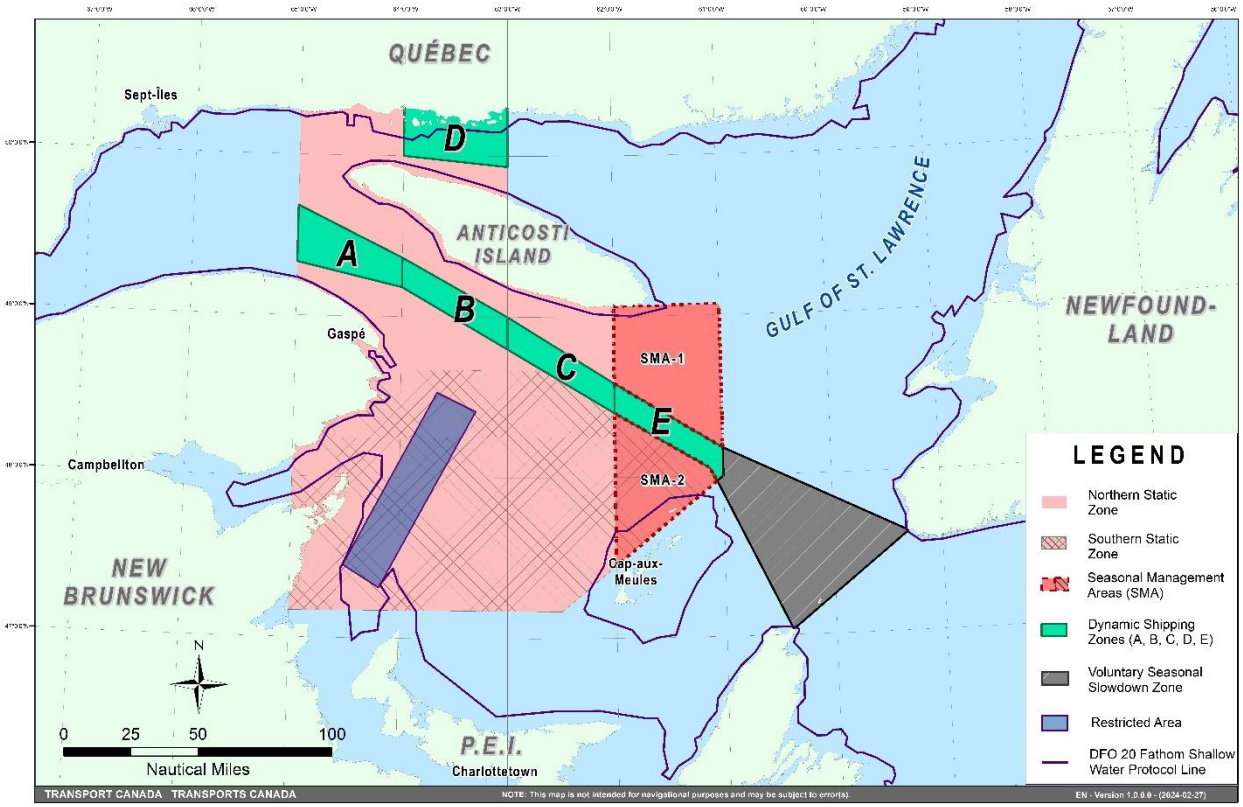
Voluntary seasonal slowdown zone coordinates:

- 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 voluntary seasonal 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.

Roseway Basin – Area to be Avoided

The Roseway Basin, located approximately 20 nautical miles south of Cape Sable Island, Nova Scotia, is a critical habitat for North Atlantic right whales, which have been observed to gather in the area on a seasonal basis in Canadian waters. This critical habitat is also located near key shipping routes. In 2007, Canada, with the support of many groups with varied interests, proposed to the International Maritime Organization (IMO) the establishment of a seasonal Area to be Avoided in the Roseway Basin to protect North Atlantic right whales, which IMO accepted and adopted.

To reduce the risk of vessels colliding with North Atlantic right whales, it is recommended that vessels of 300 gross tonnages and more, in transit during the period of June 1 through December 31, avoid the Roseway Basin area. Smaller vessels are also encouraged to avoid passage through this area. If passage is necessary within the Area to be Avoided, it is recommended that all mariners decrease their vessel speed to no more than 10 knots, when safe to do so.

Roseway Basin coordinates:

- 43° 16’ N 064° 55’ W
- 42° 47’ N 064° 59’ W
- 42° 39’ N 065° 31’ W
- 42° 52’ N 066° 05’ W

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 broadcasted 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* is liable on summary conviction to a fine of not more than CAN $1,000,000 or to imprisonment for a term of not more than 18 months, or to both.

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:

- Email: DFO.GLFWhales-BaleinesGLF.MPO@dfo-mpo.gc.ca
- When reporting sightings of North Atlantic right whales, you must include: GPS location (latitude and longitude), date and time of sighting, number of marine mammals, photograph(s)/video(s) collected and if possible, behavior of marine mammals observed (ex., feeding, travelling, diving).

If you see a North Atlantic right whale (and all other marine mammals) **entangled, injured or dead**, please document and report it immediately to the regional Response Network.

- When documenting you should collect: GPS location (latitude and longitude), date and time of sighting, number of marine mammals, photograph(s)/video(s), and description of the incident to provide to the Response Network.

Southern part of the Gulf of St. Lawrence (New Brunswick, Nova Scotia & Prince Edward Island):
Marine Animal Response Society
Telephone: 1-866-567-6277

Newfoundland and Labrador:
Whale Release and Strandings Newfoundland and Labrador (Tangly Whales Inc.)
Telephone: 1-888-895-3003 or 1-709-895-3003

Quebec:
Baleines en direct (GREMM)
Telephone: 1-877-722-5346

REPORT A MARINE MAMMAL OR SEA TURTLE INCIDENT OR SIGHTING:

For more information on reporting other marine mammal or sea turtle sighting and incidents:
https://www.dfo-mpo.gc.ca/species-especes/mammals-mammiferes/report-rapport/page01-eng.html

Please consult Whale Insight for the latest right whale observations:
https://gisp.dfo-mpo.gc.ca/apps/WhaleInsight/eng/?locale=en

*402/24 Canadian Hydrographic Service – Nautical Charts

Charts	Main Title	Scale	Edition Date	Published	Cat#	Price
New Charts						
3816	Parry Passage	1:22 000	2024-02-02	2024-04-26	2	$20.00
Charts Permanently Withdrawn						
3859	Tasu Sound					

*403/24 Canadian Hydrographic Service – Electronic Navigational Charts

S-57 ENC Number	Chart Title	ENC Compilation Scale	Published
New Charts			
CA370766 (Edn 1.000)	Saanich to Point Roberts	1:45 000	2024-04-26
CA571158 (Edn 1.000)	Murchison-Faraday Passage	1:6 000	2024-04-19
CA58PKVA (Edn 1.000)	CA58PKVA	1:11 000	2024-04-12
CA58PKWA (Edn 1.000)	CA58PKWA	1:11 000	2024-04-12
CA58PKXA (Edn 1.000)	CA58PKXA	1:6 000	2024-04-12
CA58QKWA (Edn 1.000)	CA58QKWA	1:11 000	2024-04-12
CA58QKXA (Edn 1.000)	CA58QKXA	1:11 000	2024-04-12
CA595L0A (Edn 1.000)	CA595L0A	1:11 000	2024-04-05
New Editions			
CA44UN4A (Edn 2.000)	Transit4800N07100W	1:11 000	2024-04-05
CA44UNEA (Edn 2.000)	Transit4800N07000W	1:22 500	2024-04-05
CA46CRFA (Edn 2.000)	CA46CRFA	1:45 000	2024-04-05
CA46CRRA (Edn 2.000)	CA46CRRA	1:45 000	2024-04-19
CA46NRRA (Edn 2.000)	CA46NRRA	1:45 000	2024-04-19
CA471221 (Edn 2.000)	CA471221	1:22 500	2024-04-12
CA54VNGA (Edn 2.000)	Port4810N06980W	1:2 000	2024-04-05
CA553Q2A (Edn 2.000)	Port4880N06460W	1:4 000	2024-04-05
CA553Q3A (Edn 2.000)	Port4880N06450W	1:4 000	2024-04-05
CA553Q4A (Edn 2.000)	Port4880N06440W	1:4 000	2024-04-05
CA571157 (Edn 2.000)	Windy Bay	1:11 000	2024-04-12
CA576003 (Edn 14.000)	Halifax Harbour - Point Pleasant to/à Bedford Basin	1:5 000	2024-04-26

S-57 ENC Number	Chart Title	ENC Compilation Scale	Published
Charts Permanently Withdrawn			
CA573372	Ivujivik		
CA573374	Akulivik	Cancelled by CA58QKXA,CA58QKWA,CA58PKXA	

*404/24 Canadian Hydrographic Service – Raster Digital Charts (BSB V3)

Charts	Main Title	Scale	Edition Date	Published
Charts Permanently Withdrawn				
RM-3859	Tasu Sound			

*405/24 Transport Canada – Ship Safety Bulletin #09 and #10/2024

New **Ship Safety Bulletins** have recently been posted on the Transport Canada website.

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

SSB#09/2024 – New and existing insurance requirements for some vessels
RDIMS# 20166820

SSB#10/2024 – Protecting the North Atlantic right whale: Speed restriction measures in the Gulf of St. Lawrence
RDIMS# 18265176

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).

*406/24 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 2024* 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.

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

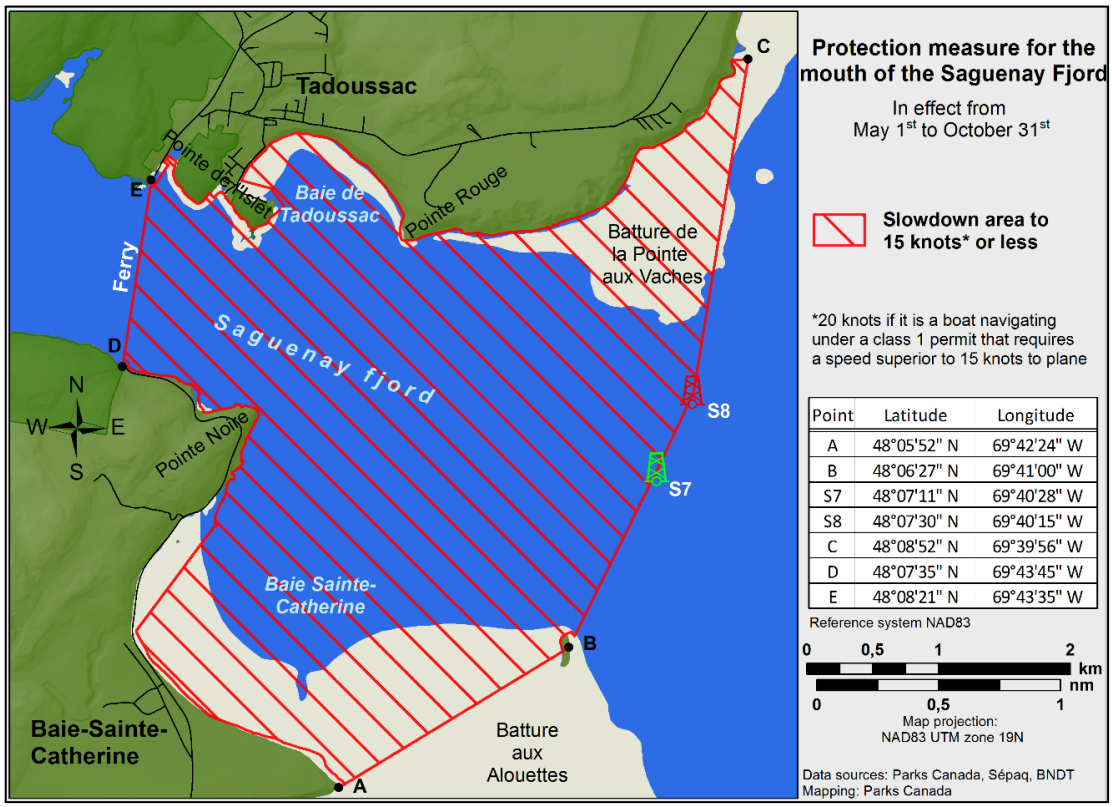
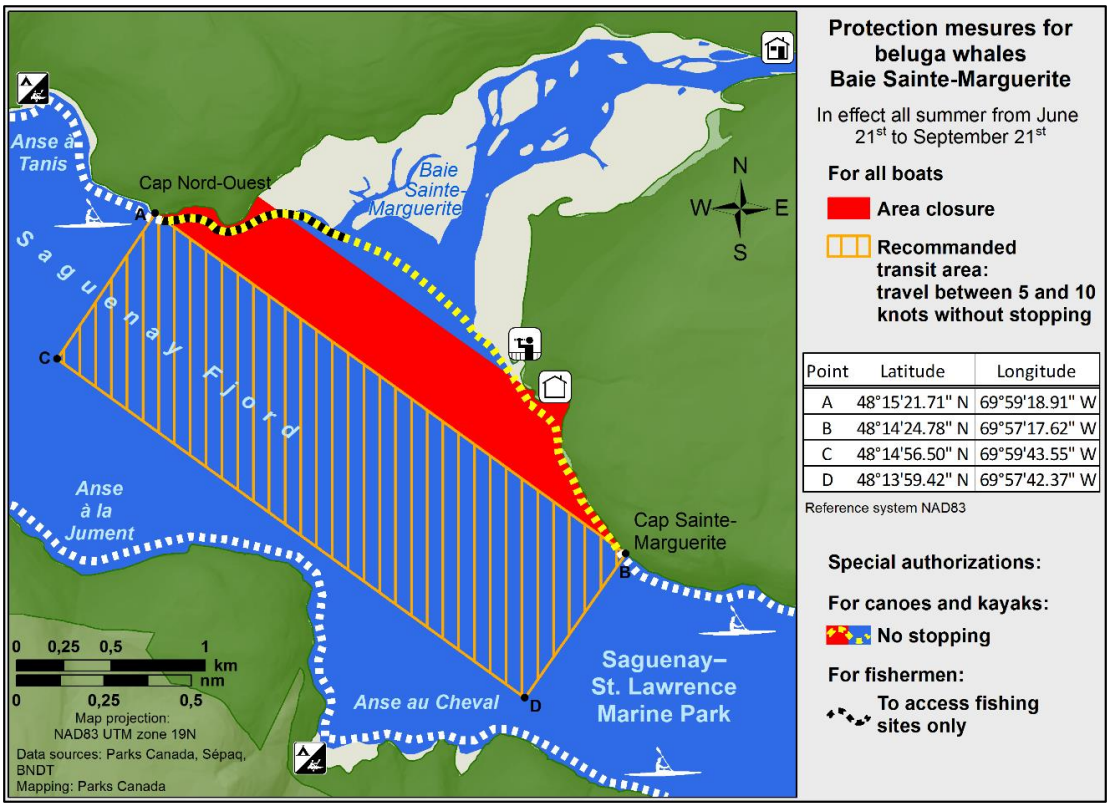


Figure 2



*407/24 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 2024*.

VOLUNTARY PROTECTION MEASURES

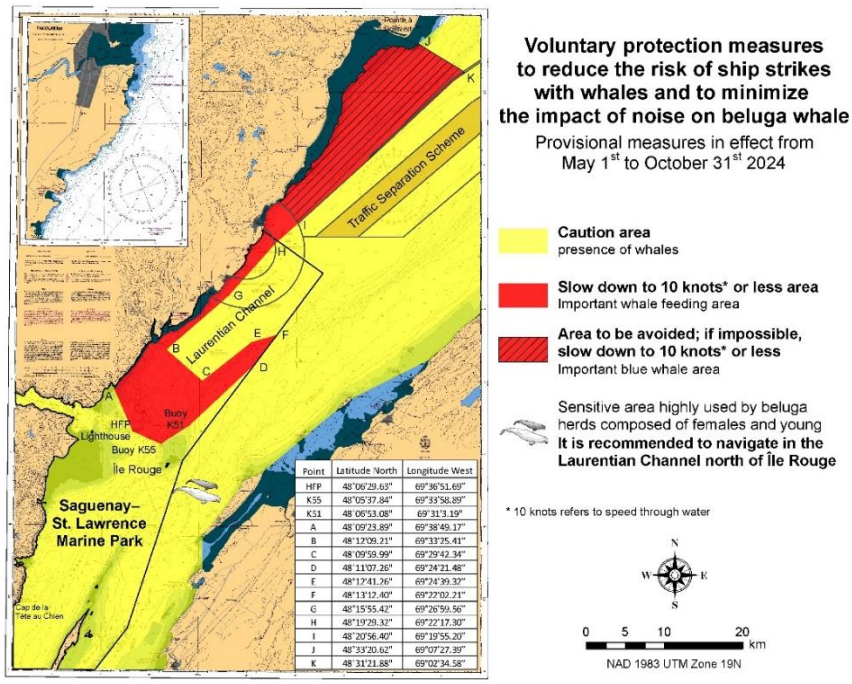
Provisional measures in effect from May 1 to October 31, 2024. See map at the end of this notice.

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.



*408/24 Canadian Coast Guard Publication - Amendments to the *Notices to Mariners Annual Edition 2024* - Section E, Notice 31: Reporting Marine Occurrences

Page 1:

AMEND AS FOLLOWS:

Location	Address	Phone	Facsimile	E-mail
Atlantic Region	150 Thorne Avenue Dartmouth, NS, B3B 1Z2	902-471-0820	819-997-2239	MarineNotifications.Atlantic@tsb-bst.gc.ca
Central Region	2575 Ste-Anne Boulevard, Suite 220, Québec, QC, G1J 0G7	418-580-3510	819-997-2239	MarineNotifications.Central@tsb-bst.gc.ca
Pacific Region	# 4 - 3071 Number Five Road Richmond, BC, V6X 2T4	604-219-2414	819-997-2239	MarineNotifications.Pacific@tsb-bst.gc.ca

*410/24 Harbours on the East Shore of Lake Superior/Ports sur la rive est du lac Supérieur – Unlit Buoys Permanently Discontinued

Reference chart: 2315

The following unlit buoys have been permanently discontinued:

Aid Name	LL #	Position
Buoy XT1	9435	47° 55’ 58.7”N 084° 50’ 49.7”W
Buoy XT2	9436	47° 55’ 57.7”N 084° 50’ 47.7”W
Buoy XT3	9437	47° 56’ 05.7”N 084° 50’ 30.7”W
Buoy XT4	9438	47° 56’ 05.2”N 084° 50’ 28.7”W
Buoy XT5	9439	47° 56’ 10.7”N 084° 50’ 18.7”W
Buoy XT6	9440	47° 56’ 10.0”N 084° 50’ 15.5”W
Buoy XT7	9440.007	47° 56’ 09.0”N 084° 49’ 53.0”W
Buoy XT8	9441	47° 56’ 11.0”N 084° 49’ 56.5”W
Buoy XT9	9442	47° 56’ 10.9”N 084° 49’ 54.4”W
Buoy XT10	9443	47° 56’ 06.2”N 084° 49’ 51.5”W
Buoy XT11	9444	47° 56’ 07.4”N 084° 49’ 51.7”W
Buoy XT12	9444.2	47° 56’ 06.2”N 084° 49’ 50.2”W

(D2024-028 to 039)

*411/24 Lake Muskoka – Unlit Buoy Aid Designator Changed

Reference chart: 6021

The designator of the following unlit buoy has been permanently changed from “EH12/2” to “EH12/4”:

Aid Name	LL #	Position
Buoy EH12/4	9229.02	45° 01’ 24.3”N 079° 23’ 25.8”W

(D2024-042)

*412/24 Lake Muskoka – Unlit Buoys Permanently Established

Reference chart: 6021

The following unlit buoys have been permanently established at the following coordinates:

Aid Name	LL #	Position
Buoy EH11/1	9228.1	45° 01’ 21.5”N 079° 23’ 24.3”W
Buoy EH11/3	9228.3	45° 01’ 23.8”N 079° 23’ 26.6”W
Buoy EH12/2	9229.01	45° 01’ 22.4”N 079° 23’ 23.2”W

(D2024-043 to 045)

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
Newfoundland and Labrador Coast			
307(P)/24	4523	List	Light Buoys to be Discontinued
308(P)/24	4642	List	Light Buoys to be Discontinued
Atlantic Coast			
215(P)/24	4940	List	Notice of Proposed Changes
Inland Waters			
316(P)/24	7661	4618	Aid to Navigation 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

No notices applicable for this edition.

Atlantic Coast

Temporary Notices

No notices applicable for this edition.

Preliminary Notices

No notices applicable for this edition.

Inland Waters

Temporary Notices

*413(T)/24 Lac Saint-Louis – Marine works : Construction and Drilling Operations

Reference: Notice 312(T)/24 is cancelled (Chart 1430).

Reference chart: 1430

Ongoing construction and drilling operations are taking place in the vicinity of the Île aux Tourtes bridge. Barges and boats are on site.

Lit steel pile installed at 45° 25’ 15.4”N 73° 58’ 58.0”W showing 2 meters above the surface.

Suspended platform installed at 45° 25’ 14.0”N 73° 58’ 44.0”W, reducing bridge clearance by 4 meters.

Minimum wake.

(NW-C-0336-24)

*414/24 Harbours on the East Shore of Lake Superior/Ports sur la rive est du lac Supérieur – Unlit Buoys Permanently Discontinued

Reference: Notice 515(T)/16 is cancelled (Chart 2315).

Unlit buoys XT1, XT2, XT3, XT4, XT5, XT6, XT7, XT8, XT9, XT10, XT11 and XT12 have been permanently discontinued.

Preliminary Notices

No notices applicable for this edition.

Section 2: Chart Corrections

1236 - Matane - New Edition - 26-OCT-2012 - NAD 1983
05-APR-2024 LNM/D. 02-JUN-2023

Add	depth of 9,7 metres (See Chart 1, I10)	48°50′59.4″N 067°34′42.1″W *DFO(6410971-01)*
Delete	depth of 6,1 metres (See Chart 1, I10)	48°50′52.3″N 067°34′24.9″W *DFO(6410971-02)*
Add	depth of 5,7 metres (See Chart 1, I10)	48°50′52.5″N 067°34′24.7″W *DFO(6410971-03)*
Add	depth of 4,6 metres (See Chart 1, I10)	48°50′50.9″N 067°34′29.0″W *DFO(6410971-04)*
Add	depth of 4,8 metres (See Chart 1, I10)	48°50′52.6″N 067°34′41.5″W *DFO(6410971-05)*
Add	depth of 4,9 metres (See Chart 1, I10)	48°50′47.6″N 067°34′47.6″W *DFO(6410971-06)*
Delete	depth of 3,5 metres (See Chart 1, I10)	48°50′25.6″N 067°34′36.0″W *DFO(6410971-07)*
Add	depth of 4,9 metres (See Chart 1, I10)	48°50′41.0″N 067°34′49.3″W *DFO(6410971-08)*
Add	depth of 7,8 metres (See Chart 1, I10)	48°50′40.0″N 067°34′36.8″W *DFO(6410971-09)*
Add	depth of 9,9 metres (See Chart 1, I10)	48°50′31.3″N 067°34′43.0″W *DFO(6410971-10)*
Add	depth of 9,5 metres (See Chart 1, I10)	48°50′29.9″N 067°34′41.9″W *DFO(6410971-11)*
Add	depth of 2,9 metres (See Chart 1, I10)	48°50′26.5″N 067°34′36.7″W *DFO(6410971-12)*
Delete	depth of 0,6 metres (See Chart 1, I10)	48°50′14.8″N 067°34′35.6″W *DFO(6410971-13)*
Add	depth of 0,2 metres (See Chart 1, I10)	48°50′14.8″N 067°34′35.5″W *DFO(6410971-14)*

Add	depth of 4,7 metres (See Chart 1, I10)	48°50′50.9″N 067°34′24.7″W *DFO(6410971-15)*
Delete	depth of 5,4 metres (See Chart 1, I10)	48°50′45.0″N 067°34′46.9″W *DFO(6410971-16)*
Add	depth of 5 metres (See Chart 1, I10)	48°50′44.7″N 067°34′47.9″W *DFO(6410971-17)*

1236 - Pointe des Monts aux/to Escoumins - New Edition - 26-OCT-2012 - NAD 1983

05-APR-2024 LNM/D. 02-JUN-2023

Delete	legend BELL against buoy K30 (See Chart 1, R14)	49°03′45.2″N 068°08′18.1″W *(Q2023147) LL(1718) DFO(6410966-01)*
Delete	Bn Or beacon (See Chart 1, Q81)	48°29′04.5″N 068°32′35.1″W *(Q2023150) DFO(6410969-01)*

4012 - Yarmouth to / à Halifax - New Edition - 14-FEB-2003 - NAD 1983

12-APR-2024 LNM/D. 01-MAR-2024

Replace	depth of 20.1 metres with depth of 15.7 metres (See Chart 1, I10)	43°49′12.9″N 064°48′52.0″W *DFO(6311065-35)*

4201 - Halifax Harbour: Bedford Basin - New Edition - 25-AUG-2017 - NAD 1983

05-APR-2024 LNM/D. 26-AUG-2022

Affix	patch Download Patch - https://www.notmar.gc.ca/chsftp/patches/4201_6311077_1_202403061310.pdf This notice affects Electronic Navigational Chart: CA476009, CA576001, CA576003	44°40′18.0″N 063°37′28.0″W *DFO(6311077-01)*

26-APR-2024 LNM/D. 05-APR-2024

Delete	pier (See Chart 1, F14) This notice affects Electronic Navigational Chart: CA576001	joining 44°41′23.9″N 063°37′00.2″W 44°41′23.8″N 063°37′02.2″W 44°41′23.3″N 063°37′02.2″W 44°41′23.3″N 063°37′01.8″W 44°41′23.7″N 063°37′01.7″W and 44°41′23.7″N 063°37′00.2″W *DFO(6311074-01)*
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 44 metres (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA576001	44°40′52.8″N 063°37′35.9″W *DFO(6311074-02)*
Delete	depth of 2.3 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA576001	44°41′23.7″N 063°37′02.4″W *DFO(6311074-03)*

Add	depth of 0.1 metre (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA576001 *DFO(6311074-04)*	44°41′23.9″N 063°37′02.1″W
Delete	orange and white mooring barrel buoy, marked NAVY 1 (See Chart 1, Q40) This notice affects Electronic Navigational Chart: CA576003 *DFO(6311081-01)*	44°39′47.5″N 063°34′51.5″W
Delete	orange and white mooring barrel buoy, marked NAVY 2 (See Chart 1, Q40) This notice affects Electronic Navigational Chart: CA576003 *DFO(6311081-02)*	44°39′44.8″N 063°34′45.2″W
Delete	See/Voir note ANCHOR CABLES / CÂBLES D'ANCRE (See Chart 1, A14) This notice affects Electronic Navigational Chart: CA576003 *DFO(6311081-05)*	44°39′48.6″N 063°34′51.4″W
Delete	Note ANCHOR CABLES Anchor cables extend from the buoys to mooring anchors within this restricted area. Vessels are cautioned not to anchor in this area. (See Chart 1, A14) This notice affects Electronic Navigational Chart: CA576001 *DFO(6311081-06)*	44°41′21.3″N 063°33′55.7″W

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

05-APR-2024 — LNM/D. 04-AUG-2023

Affix	patch Download Patch - https://www.notmar.gc.ca/chsftp/patches/4202_6311077_1_202403061310.pdf This notice affects Electronic Navigational Chart: CA476009, CA576001, CA576003 *DFO(6311077-01)*	44°40′18.0″N 063°37′28.0″W

26-APR-2024 — LNM/D. 05-APR-2024

Delete	orange and white mooring barrel buoy, marked NAVY 1 (See Chart 1, Q40) This notice affects Electronic Navigational Chart: CA576003 *DFO(6311081-01)*	44°39′47.5″N 063°34′51.5″W
Delete	orange and white mooring barrel buoy, marked NAVY 2 (See Chart 1, Q40) This notice affects Electronic Navigational Chart: CA576003 *DFO(6311081-02)*	44°39′44.8″N 063°34′45.2″W
Delete	orange and white mooring barrel buoy, marked NAVY 3 (See Chart 1, Q40) This notice affects Electronic Navigational Chart: CA576003 *DFO(6311081-03)*	44°39′40.9″N 063°34′35.9″W
Delete	Note ANCHOR CABLES Anchor cables extend from the buoys to mooring anchors within this restricted area. Vessels are cautioned not to anchor in this area. (See Chart 1, A14) *DFO(6311081-04)*	44°38′50.4″N 063°31′55.4″W
Delete	See Note ANCHOR CABLES (See Chart 1, A14) This notice affects Electronic Navigational Chart: CA576003 *DFO(6311081-05)*	44°39′48.6″N 063°34′51.4″W

Delete	Voir note CÂBLES D'ANCRAGE (See Chart 1, A14) This notice affects Electronic Navigational Chart: CA576003	44°39′38.8″N 063°34′33.4″W

DFO(6311081-07)

4230 - Little Hope Island to / à Cape St Marys - New Chart - 15-JUN-1990 - NAD 1983
26-APR-2024 LNM/D. 29-MAR-2024

Amend	FR14m8M to read LFl R 6s14m13M against light (See Chart 1, P16) This notice affects Electronic Navigational Chart: CA476048	43°39′45.6″N 066°02′42.3″W

(F2024008) LL(280) DFO(6311057-01)

4237 - Approaches to / Approches de Halifax Harbour - New Edition - 28-MAY-2021 - World Geodetic System 1984
05-APR-2024 LNM/D. 23-FEB-2024

Affix	patch Download Patch - https://www.notmar.gc.ca/chsftp/patches/4237_6311077_1_202403061310.pdf This notice affects Electronic Navigational Chart: CA476009, CA576001, CA576003	44°40′15.0″N 063°37′28.0″W

DFO(6311077-01)

4240 - Liverpool Harbour to / à Lockeport Harbour - New Chart - 06-OCT-1989 - NAD 1983
12-APR-2024 LNM/D. 29-MAR-2024

Delete	depth of 16.5 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°47′25.0″N 064°50′01.0″W

DFO(6311065-01)

Add	depth of 15.3 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°47′27.5″N 064°50′00.2″W

DFO(6311065-02)

Replace	depth of 14.9 metres with depth of 14.5 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°47′33.2″N 064°49′28.0″W

DFO(6311065-03)

Add	depth of 12.4 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°48′19.2″N 064°50′25.7″W

DFO(6311065-04)

Add	depth of 14.8 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°48′14.1″N 064°49′46.0″W

DFO(6311065-05)

Delete	depth of 18.3 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°49′15.1″N 064°49′08.8″W

DFO(6311065-06)

Delete	depth of 20.1 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°48′54.5″N 064°48′40.5″W

DFO(6311065-07)

Add	depth of 15.7 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°49′12.9″N 064°48′52.0″W *DFO(6311065-08)*
Add	depth of 16.7 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°48′41.6″N 064°48′28.9″W *DFO(6311065-09)*
Add	depth of 10.7 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°48′02.0″N 064°47′20.1″W *DFO(6311065-10)*
Add	depth of 13.1 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°48′35.9″N 064°46′55.0″W *DFO(6311065-11)*
Add	depth of 13.4 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°48′55.1″N 064°47′53.1″W *DFO(6311065-12)*
Add	depth of 15.4 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°49′04.5″N 064°47′34.1″W *DFO(6311065-13)*
Replace	depth of 12.8 metres with depth of 12 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°49′19.0″N 064°48′19.9″W *DFO(6311065-14)*
Add	depth of 14.3 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°49′36.0″N 064°48′27.8″W *DFO(6311065-15)*
Add	depth of 16.1 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°49′44.5″N 064°48′07.7″W *DFO(6311065-16)*
Delete	depth of 20.1 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°49′51.4″N 064°48′15.3″W *DFO(6311065-17)*
Add	depth of 11 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°49′58.0″N 064°48′11.3″W *DFO(6311065-18)*
Add	depth of 15.1 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°49′47.9″N 064°47′49.4″W *DFO(6311065-19)*

Delete	depth of 15.2 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°50′16.3″N 064°47′36.2″W *DFO(6311065-20)*
Add	depth of 13.4 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°50′13.5″N 064°47′38.4″W *DFO(6311065-21)*
Delete	depth of 16.2 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°50′35.5″N 064°47′50.3″W *DFO(6311065-22)*
Add	depth of 13.8 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°50′30.5″N 064°47′47.9″W *DFO(6311065-23)*
Add	depth of 15.5 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°51′18.5″N 064°47′01.2″W *DFO(6311065-24)*
Replace	depth of 14.9 metres with depth of 13.9 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°51′29.5″N 064°46′38.4″W *DFO(6311065-25)*
Add	depth of 9.3 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°51′48.8″N 064°46′34.8″W *DFO(6311065-26)*
Add	depth of 12.4 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°52′08.2″N 064°46′17.4″W *DFO(6311065-27)*
Delete	depth of 22 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°52′19.2″N 064°45′53.5″W *DFO(6311065-28)*
Add	depth of 13.6 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°52′21.0″N 064°45′48.5″W *DFO(6311065-29)*
Replace	depth of 11.6 metres with depth of 10.5 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°55′54.1″N 064°47′38.7″W *DFO(6311065-30)*
Replace	depth of 17.4 metres with depth of 7.4 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°55′09.3″N 064°46′38.7″W *DFO(6311065-31)*

Add	depth of 16.5 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA376045	43°55′16.2″N 064°46′24.9″W
		DFO(6311065-32)
Add	wreck WK with known depth of 37 metres (See Chart 1, K26) This notice affects Electronic Navigational Chart: CA376045	43°51′31.0″N 064°44′29.4″W
		DFO(6311065-33)
Replace	wreck WK with known depth of 4.5 metres with wreck WK with known depth of 7.4 metres (See Chart 1, K26) This notice affects Electronic Navigational Chart: CA376045	43°54′05.4″N 064°47′17.8″W
		DFO(6311065-34)

4243 - Tusket Islands to / à Cape St Marys - New Edition - 11-OCT-2002 - NAD 1983
26-APR-2024 LNM/D. 21-APR-2023

Amend	FR14m8M to read LFl R 6s14m13M against light (See Chart 1, P16) This notice affects Electronic Navigational Chart: CA476048	43°39′45.0″N 066°02′43.5″W
		(F2024008) LL(280) DFO(6311057-01)

4244 - Wedgeport and Vicinity / et les abords - New Edition - 26-DEC-2003 - NAD 1983
26-APR-2024 LNM/D. 21-APR-2023

Amend	FR14m8M to read LFl R 6s14m13M against light (See Chart 1, P16) This notice affects Electronic Navigational Chart: CA476048	43°39′44.7″N 066°02′43.3″W
		(F2024008) LL(280) DFO(6311057-01)

4301 - Canso Harbour to Strait of Canso - New Chart - 31-MAY-2019 - World Geodetic System 1984
26-APR-2024 LNM/D. 11-NOV-2022

Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476678	45°32′00.3″N 061°16′58.0″W
		DFO(6311121-02)
Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476678	45°32′00.1″N 061°14′00.6″W
		DFO(6311121-03)
Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476675	45°28′33.5″N 061°09′57.1″W
		DFO(6311121-04)
Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476675	45°25′00.3″N 061°06′00.2″W
		DFO(6311121-05)

4302 - Point Tupper to / à Ship Point - New Chart - 28-SEP-2012 - NAD 1983
26-APR-2024 LNM/D. 24-NOV-2023

Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476678, CA576680	45°35′00.1″N 061°21′00.5″W

DFO(6311121-01)

4302 - Strait of Canso - New Chart - 28-SEP-2012 - NAD 1983
26-APR-2024 LNM/D. 24-NOV-2023

Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476678, CA576680	45°35′00.1″N 061°21′00.5″W

DFO(6311121-01)

Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476678	45°32′00.3″N 061°16′58.0″W

DFO(6311121-02)

Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476678	45°32′00.1″N 061°14′00.6″W

DFO(6311121-03)

4320 - Egg Island to / à West Ironbound Island - New Edition - 26-SEP-1997 - NAD 1983
05-APR-2024 LNM/D. 16-FEB-2024

Affix	patch Download Patch - https://www.notmar.gc.ca/chsftp/patches/4320_6311077_1_202403061310.pdf This notice affects Electronic Navigational Chart: CA476009, CA576001, CA576003	44°40′18.0″N 063°37′28.0″W

DFO(6311077-01)

4335 - Strait of Canso and Approaches / et les approches - New Edition - 04-JAN-2008 - NAD 1983
26-APR-2024 LNM/D. 11-NOV-2022

Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476678, CA576680	45°35′00.1″N 061°21′00.5″W

DFO(6311121-01)

Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476678	45°32′00.3″N 061°16′58.0″W

DFO(6311121-02)

Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476678	45°32′00.1″N 061°14′00.6″W

DFO(6311121-03)

Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476675	45°28′33.5″N 061°09′57.1″W
		DFO(6311121-04)
Delete	subsurface Ocean Data Acquisition System (ODAS) with an unknown depth (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA476675	45°25′00.3″N 061°06′00.2″W
		DFO(6311121-05)

4617 - Red Island to / à Pinchgut Point - New Edition - 30-APR-2010 - NAD 1983
12-APR-2024 LNM/D. 08-DEC-2023

Reposition	red starboard hand lighted pillar buoy Fl R, marked EL2 (See Chart 1, Qb) This notice affects Electronic Navigational Chart: CA476300	from 47°24′24.0″N 053°52′35.9″W to 47°24′29.9″N 053°52′35.6″W
		(N2023220) LL(37.45) DFO(6310998-01)

4700 - Belle Isle to / à Resolution Island - New Edition - 21-MAR-2003 - Unknown
19-APR-2024 LNM/D. 03-NOV-2023

Amend	Fl R to read Fl R 5s against light (See Chart 1, P16)	52°31′07.9″N 055°45′57.6″W
		(N2023236) LL(270.5) DFO(6311037-01)

4701 - Ship Harbour Head to / aux Camp Islands - New Edition - 13-DEC-2002 - NAD 1983
19-APR-2024 LNM/D. 16-FEB-2024

Amend	Fl G to read Fl G 5s against light (See Chart 1, P16)	52°13′10.7″N 055°36′51.8″W
		(N2023214) LL(277.5) DFO(6310994-01)
Amend	FlR to read Fl R 5s against light (See Chart 1, P16)	52°30′47.7″N 055°45′53.5″W
		(N2023236) LL(270.5) DFO(6311037-01)
Amend	Fl 4s129ft4M to read Fl 5s129ft4M against light (See Chart 1, P16)	52°33′51.8″N 055°42′09.0″W
		(N2023237) LL(270.1) DFO(6311038-01)

4701 - St Francis Harbor - New Edition - 13-DEC-2002 - NAD 1983
19-APR-2024 LNM/D. 16-FEB-2024

Amend	Fl 4s129ft4M to read Fl 5s129ft4M against light (See Chart 1, P16)	52°33′51.3″N 055°42′10.1″W
		(N2023237) LL(270.1) DFO(6311038-01)

4702 - Corbett Island to / à Ship Harbour Head - New Edition - 28-MAY-2004 - NAD 1983
19-APR-2024 LNM/D. 16-FEB-2024

Amend	Fl 4s28m4M to read Fl 5s28m4M against light (See Chart 1, P16)	53°00′38.0″N 055°45′36.9″W
		(N2023191) LL(280) DFO(6310970-01)
Amend	Fl 4s55m4M to read Fl 5s55m4M against light (See Chart 1, P16)	52°50′15.6″N 055°48′24.5″W
		(N2023192) LL(279.8) DFO(6310971-01)

Amend	Fl R to read Fl R 5s against light (See Chart 1, P16) This notice affects Electronic Navigational Chart: CA576637	52°46′45.6″N 055°54′20.2″W
		(N2023193) LL(279.74) DFO(6310972-01)
Amend	Fl to read Fl 5s against light (See Chart 1, P16)	52°47′38.0″N 056°06′08.2″W
		(N2023194) LL(279.7) DFO(6310973-01)
Amend	Fl 8m6M to read Fl 5s8m5M against light (See Chart 1, P16) This notice affects Electronic Navigational Chart: CA576636	52°43′34.0″N 055°53′50.8″W
		(N2023195) LL(279.4) DFO(6310974-01)
Amend	Fl G 11m5M to read Fl G 5s11m4M against light (See Chart 1, P16)	52°43′01.8″N 055°51′24.8″W
		(N2023196) LL(279.31) DFO(6310975-01)

4703 - White Point to / à Corbet Island - New Edition - 04-APR-2003 - NAD 1983
19-APR-2024 LNM/D. 29-DEC-2023

Amend	Fl 4s127ft to read Fl 5s127ft against light (See Chart 1, P16)	53°27′42.1″N 055°44′30.3″W
		(N2023232) LL(281) DFO(6311033-01)

4730 - Nain to / à Domino Point - New Edition - 31-MAY-2002 - Unknown
19-APR-2024 LNM/D. 19-JAN-2024

Amend	Fl 4s127ft to read Fl 5s127ft against light (See Chart 1, P16)	53°27′52.5″N 055°45′02.2″W
		(N2023232) LL(281) DFO(6311033-01)

4731 - Forteau Bay to / à Domino Run - New Edition - 13-JUN-2003 - Unknown
19-APR-2024 LNM/D. 16-FEB-2024

Amend	Fl 4s92ft to read Fl 5s92ft4M against light (See Chart 1, P16)	53°00′36.6″N 055°45′49.8″W
		(N2023191) LL(280) DFO(6310970-01)
Amend	Fl 4s179ft4M to read Fl 5s179ft4M against light (See Chart 1, P16)	52°50′11.1″N 055°48′45.4″W
		(N2023192) LL(279.8) DFO(6310971-01)
Amend	Fl 4s127ft to read Fl 5s127ft against light (See Chart 1, P16)	53°27′39.4″N 055°44′51.3″W
		(N2023232) LL(281) DFO(6311033-01)
Amend	Fl R 4s67ft to read Fl R 5s65ft against light (See Chart 1, P16)	52°30′47.1″N 055°45′58.9″W
		(N2023236) LL(270.5) DFO(6311037-01)
Amend	Fl to read Fl 5s against light (See Chart 1, P16)	52°33′52.2″N 055°42′11.3″W
		(N2023237) LL(270.1) DFO(6311038-01)

4732 - Approaches to / Approches à Hamilton Inlet - New Edition - 06-JUN-2003 - NAD 1983
19-APR-2024 LNM/D. 19-JAN-2024

Amend	Fl 4s127ft to read Fl 5s127ft against light (See Chart 1, P16)	53°27′41.5″N 055°44′34.9″W
		(N2023232) LL(281) DFO(6311033-01)

4744 - Approaches to / approches à Spotted Island Harbour - New Edition - 20-DEC-2002 - NAD 1983
19-APR-2024 LNM/D. 29-DEC-2023

Amend Fl 4s127ft to read Fl 5s127ft against light 53°27′42.6″N 055°44′32.9″W
(See Chart 1, P16)
(N2023232) LL(281) DFO(6311033-01)

4745 - White Point to / à Sandy Island - New Edition - 07-MAR-2003 - NAD 1983
19-APR-2024 LNM/D. 24-MAR-2023

Amend Fl 4s127ft to read Fl 5s127ft against light 53°27′43.0″N 055°44′30.7″W
(See Chart 1, P16)
(N2023232) LL(281) DFO(6311033-01)

4863 - Bacalhao Island to / à Black Island - New Edition - 30-NOV-2001 - NAD 1983
26-APR-2024 LNM/D. 12-JAN-2024

Add yellow, black and yellow West cardinal lighted pillar buoy Q(9)15s, marked DCC 49°34′19.4″N 054°47′38.9″W
(See Chart 1, Q130.3)
This notice affects Electronic Navigational Chart: CA476804
(N2024001) LL(360.53) DFO(6311053-01)

4911 - Entrée à / Entrance to Miramichi River - New Edition - 27-JAN-2006 - NAD 1983
12-APR-2024 LNM/D. 17-NOV-2023

Amend Iso 1s 9m 15M to read Iso 4s9m11M against light 47°05′14.5″N 064°58′42.0″W
(See Chart 1, P16)
This notice affects Electronic Navigational Chart: CA476133
(G2023163) LL(1170.5) DFO(6310999-01)

Amend Iso 4s 14m 15M to read Iso 4s14m12M against light 47°05′12.0″N 064°58′51.5″W
(See Chart 1, P16)
This notice affects Electronic Navigational Chart: CA476133
(G2023164) LL(1170.6) DFO(6311000-01)

5031 - St Lewis Sound and / et Inlet - New Edition - 31-DEC-1999 - NAD 1983
19-APR-2024 LNM/D. 03-FEB-2023

Amend Fl G to read Fl G 5s against light 52°13′10.1″N 055°36′52.0″W
(See Chart 1, P16)
(N2023214) LL(277.5) DFO(6310994-01)

5032 - Approaches to / Approches à White Bear Arm - New Chart - 31-JAN-2003 - NAD 1983
19-APR-2024 LNM/D. 16-FEB-2024

Amend Fl R to read Fl R 5s against light 52°46′25.5″N 056°07′16.4″W
(See Chart 1, P16)
This notice affects Electronic Navigational Chart: CA576847
(N2023181) LL(279.66) DFO(6310959-01)

Amend Fl 4s55m4M to read Fl 5s55m4M against light 52°50′15.5″N 055°48′24.5″W
(See Chart 1, P16)
(N2023192) LL(279.8) DFO(6310971-01)

Amend Fl R 15m to read Fl R 5s15m against light 52°46′45.5″N 055°54′20.2″W
(See Chart 1, P16)
This notice affects Electronic Navigational Chart: CA576637
(N2023193) LL(279.74) DFO(6310972-01)

Amend Fl 8m to read Fl 5s8m against light 52°47′37.8″N 056°06′08.1″W
(See Chart 1, P16)
(N2023194) LL(279.7) DFO(6310973-01)

Amend Fl 5m to read Fl 5s8m against light 52°43′34.0″N 055°53′50.9″W
(See Chart 1, P16)
This notice affects Electronic Navigational Chart: CA576636
(N2023195) LL(279.4) DFO(6310974-01)

Amend Fl G 11m to read Fl G 5s11m against light 52°43′01.7″N 055°51′25.2″W
(See Chart 1, P16)
(N2023196) LL(279.31) DFO(6310975-01)

5032 - Shoal Tickle - New Chart - 31-JAN-2003 - NAD 1983
19-APR-2024 LNM/D. 16-FEB-2024

Amend Fl R 15m to read Fl R 5s15m against light 52°46′45.5″N 055°54′20.2″W
(See Chart 1, P16)
This notice affects Electronic Navigational Chart: CA576637
(N2023193) LL(279.74) DFO(6310972-01)

5032 - St. Michaels Bay - New Chart - 31-JAN-2003 - NAD 1983
19-APR-2024 LNM/D. 16-FEB-2024

Amend Fl 5m to read Fl 5s8m against light 52°43′34.0″N 055°53′50.8″W
(See Chart 1, P16)
This notice affects Electronic Navigational Chart: CA576636
(N2023195) LL(279.4) DFO(6310974-01)

5033 - Hawke Bay and / et Squasho Run - New Chart - 09-MAY-2003 - NAD 1983
19-APR-2024 LNM/D. 22-DEC-2023

Amend Fl 4s28m4M to read Fl 5s28m4M against light 53°00′37.7″N 055°45′36.8″W
(See Chart 1, P16)
(N2023191) LL(280) DFO(6310970-01)

5133 - Domino Point to / à Cape North - New Edition - 27-JUN-2003 - NAD 1983
19-APR-2024 LNM/D. 19-JAN-2024

Amend Fl 4s127ft to read Fl 5s127ft against light 53°27′44.1″N 055°44′32.3″W
(See Chart 1, P16)
(N2023232) LL(281) DFO(6311033-01)

5138 - Cartwright Harbour - New Edition - 17-APR-1998 - NAD 1983
26-APR-2024 LNM/D. 19-JAN-2024

Amend Fl Y to read Fl Y 5s against light 53°42′11.1″N 057°01′16.4″W
(See Chart 1, P16)
This notice affects Electronic Navigational Chart: CA576498
(N2023234) LL(284.72) DFO(6311035-01)

Amend Fl G to read Fl G 5s against light 53°42′07.3″N 057°01′41.1″W
(See Chart 1, P16)
This notice affects Electronic Navigational Chart: CA576498
(N2023235) LL(284.51) DFO(6311036-01)

5179 - Alexis Bay - New Edition - 10-OCT-2003 - NAD 1983
19-APR-2024 LNM/D. 16-FEB-2024

Amend	Fl R to read Fl R 5s against light (See Chart 1, P16)	52°30′47.8″N 055°45′53.0″W
		(N2023236) LL(270.5) DFO(6311037-01)
Amend	Fl 4s129ft4M to read Fl 5s129ft4M against light (See Chart 1, P16)	52°33′51.4″N 055°42′09.8″W
		(N2023237) LL(270.1) DFO(6311038-01)

8048 - Cape Harrison to / à St. Michael Bay - New Edition - 20-JUN-2003 - NAD 1983
19-APR-2024 LNM/D. 19-JAN-2024

Amend	Fl 4s28m to read Fl 5s28m4M against light (See Chart 1, P16)	53°00′37.5″N 055°45′30.1″W
		(N2023191) LL(280) DFO(6310970-01)
Amend	Fl 4s179ft4M to read Fl 5s179ft4M against light (See Chart 1, P16)	52°50′15.8″N 055°48′24.3″W
		(N2023192) LL(279.8) DFO(6310971-01)
Amend	Fl 4s39m to read Fl 5s39m against light (See Chart 1, P16)	53°27′40.2″N 055°44′30.1″W
		(N2023232) LL(281) DFO(6311033-01)
Amend	Fl R 4s20m to read Fl R 5s20m4M against light (See Chart 1, P16)	52°30′42.5″N 055°45′42.8″W
		(N2023236) LL(270.5) DFO(6311037-01)

8049 - St. Michael Bay to/aux Gray Islands - New Edition - 07-MAR-2003 - Unknown
19-APR-2024 LNM/D. 28-APR-2023

Amend	Fl R to read Fl R 5s against light (See Chart 1, P16)	52°30′37.1″N 055°46′00.2″W
		(N2023236) LL(270.5) DFO(6311037-01)

Section 3: Radio Aids to Marine Navigation Corrections

*415/24 Radio Aids to Marine Navigation 2024 (Atlantic, St. Lawrence, Great Lakes, Lake Winnipeg, Arctic and Pacific)

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AMEND AS FOLLOWS:

Table 2-31 - Radar Beacons Located in Newfoundland

Name and Location	Identifier	Remarks
…	…	…
Grappling Island Light ~~54°27'22.2"N~~ 54°27'22.5"N ~~056°52'52.3"W~~ 056°52'51.5"W	– – • (G)	Navigation season only.
Hens and Chickens 56°30'39.5"N 060°38'37.5"W	• – – (W)	Open year round.
Negro Island Light 56°21'05.8"N 060°32'40.8"W	– – • • (Z)	Open year round.
Quaker Hat 54°44'12.5"N 057°20'37.7"W	– – • – (Q)	~~Open year round.~~ Navigation season only.
White Bear Island (Nanuaktok) 55°26'00.7"N 059°30'40.9"W	– • (N)	Navigation season only.

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AMEND AS FOLLOWS:

Table 2-39 - Radar Beacons Located in Yukon

Name and Location	Identifier	Remarks
Calton Point ~~69°30'09"N~~ 69°30'08"N ~~139°06'30"W~~ 139°06'40"W (NAD27)	– – • (G)	Navigation season only.
Collinson Head 69°34'30"N ~~138°51'34"W~~ 138°51'41"W (NAD27)	– • (N)	Navigation season only.
Kay Point ~~69°17'26"N~~ 69°17'25"N ~~138°22'42"W~~ 138°22'52"W (NAD27)	– • – (K)	Navigation season only.
Shingle Point ~~69°00'30"N~~ 69°00'29"N ~~137°34'12"W~~ 137°34'22"W	– • – – (Y)	Navigation season only.

Table 2-41 - Radar Beacons Located in Northwest Territories

Name and Location	Identifier	Remarks
Atkinson Point 69°56'46.7"N 131°26'59.3"W	– • – – (Y)	Navigation season only.
Baillie Islands 70°37'38.7"N 128°15'24.8"W	– • – (K)	Navigation season only.
Cape Dalhousie 70°16'05"N ~~129°42'36"W~~ 129°42'45"W (NAD27)	– – • • (Z)	Navigation season only.
Hardisty Island 61°43'52.6"N 114°35'00.2"W	– – • (G)	Navigation season only.
Pelly Island 69°37'26.2"N 135°29'15.7"W	– • – – (Y)	Navigation season only.
Pilot Islands 62°13'04"N 114°06'49.3"W	– • – • (C)	Navigation season only.
Pitt Island 69°09'15"N ~~136°10'30"W~~ 136°10'40"W	– • – (K)	Navigation season only.
Pullen Island 69°46'24.4"N5 134°24'04.2"W	– – • (G)	Navigation season only.
Relief Islet 70°08'45"N ~~130°49'30"W~~ 130°49'40"W (NAD27)	– – • (G)	Navigation season only.
Tuktoyaktuk Island 69°27'21.2"N 132°59'58.8"W	– • – • (C)	Navigation season only.
Warren Point 69°45'00"N 132°21'30"W	– • – • (C)	Navigation season only.

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AMEND AS FOLLOWS:

Table 2-42 - Radar Beacons Located in Nunavut

Name and Location	Identifier	Remarks
Beacon Island 58°54'07.9"N 066°20'30.3"W	– – • (G)	Navigation season only.
Broomfield Island ~~55°40'24"N~~ 55°40'25"N ~~079°14'18"W~~ 079°14'17"W (NAD27)	– • (N)	Navigation season only.
Cache Point 68°39'26.2"N 113°25'11.7"W	– – • (G)	Navigation season only.
Cape Bexley 69°00'47"N 115°55'24.1"W	– • – – (Y)	Navigation season only.
Coats Island ~~62°10'20"N~~ 62°10'25.7"N ~~083°08'00"W~~ 083°07'42.2"W (NAD27)	– • – • (C)	Navigation season only.
Delta Island 68°35'15.3"N 100°01'51.9"W	– – • (G)	Navigation season only.
Kitdliat Island 59°58'34.5"N 069°37'30.6"W	– • – (K)	Navigation season only.
Mansel Island ~~62°25'00"N~~ 62°24'52.2"N ~~079°36'30"W~~ 079°36'18.3"W (NAD27)	– • – (K)	Navigation season only.
McClintock Point 69°18'34.2"N 099°53'48.9”W	– • – • (C)	Navigation season only.
Nipper Island 59°00'26.5"N 068°53'18.0"W	– – • (G)	Navigation season only.
Nordenskiold Islands 68°21'01.5"N 100°47'22.1"W	– • – (K)	Navigation season only.
Nottingham Island ~~63°05'10"N~~ 63°05'35.5"N ~~077°57'00"~~ 077°56'54.6"W (NAD27)	– • (N)	Navigation season only.
…	…	…

Table 2-43 - Radar Beacons Located in Nunavik

Name and Location	Identifier	Remarks
Pointe Qirniraujaq 58°35'00.6"N 068°00'19.0"W	– • • – (X)	Navigation season only.
Puvirnituq ~~60°01'15.6"N~~ 60°01'15.5"N 077°20'21.3"W	• – – • (P)	Navigation season only.

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AMEND

4.1.2.2 **The Alarm Signal**

TO READ:

4.1.2.2 **The Alarm Signal**

The radiotelephony Audio Alarm Signal consists of a two tone audio transmission followed by a ten second continuous tone. The two tones are different pitches, similar to the sound of emergency vehicles, and the ten second continuous tone indicates that the transmission is from an MCTS Centre.

The Audio Alarm Signal is used to alert mariners that:

a) A distress call or distress message is about to follow;
b) There is a new warning pertaining to a dangerous weather phenomena (only the initial broadcast)

c) A tsunami warning broadcast is about to follow (only the initial broadcast); or,

d) There has been an observed or reports of a dangerous weather phenomena, such as a waterspout.

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AMEND

4.3.3 World-Wide Navigational Warning Service (WWNWS)

TO READ:

4.3.3 World-Wide Navigational Warning Service (WWNWS)

4.3.3.1 **NAVAREAS XVII and XVIII: Navigational Warnings**

The Canadian Coast Guard has assumed responsibility of NAVAREA coordination for NAVAREAs XVII and XVIII as part of the World-Wide Navigational Warning Service (WWNWS).

Under the WWNWS, navigational warnings containing urgent information relevant to safe navigation that are broadcast in accordance with the Chapter IV of the International Convention for the Safety of Life at Sea (SOLAS).

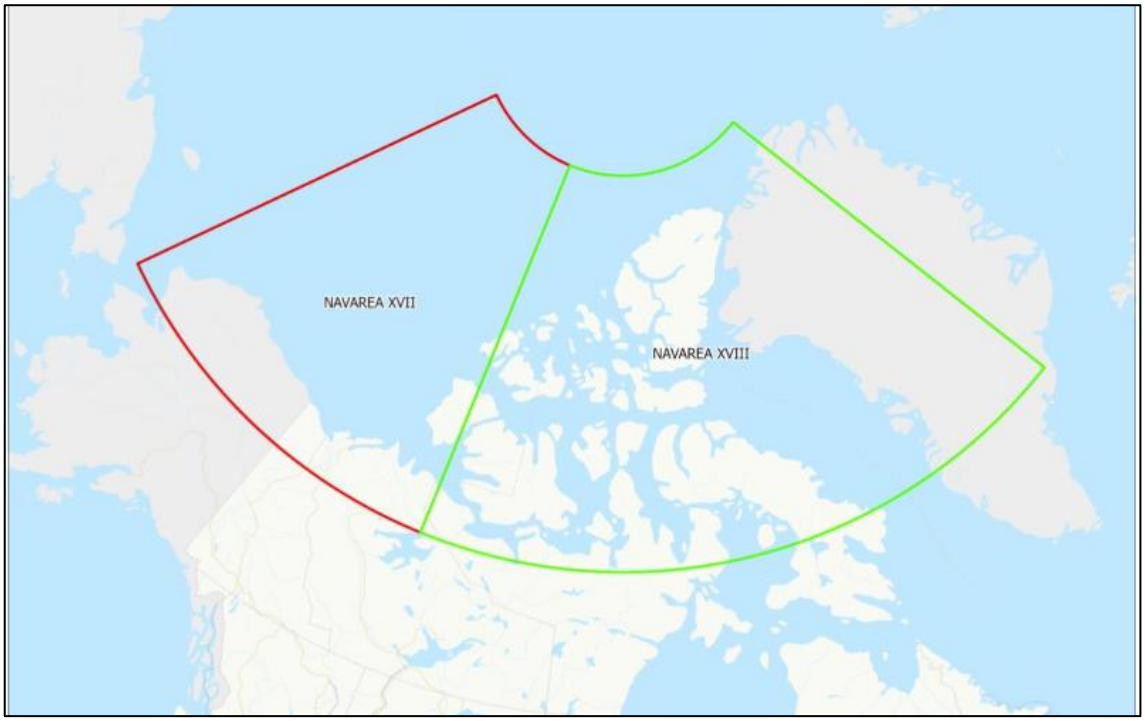
NAVAREA warnings, which contain information specific to ocean going mariners, remain in force until cancelled or promulgated by other means.

NAVAREA XVII and XVIII warnings that are less than 42 days old are promulgated via SafetyNET II and SafetyCast.

The complete text of all In-Force NAVAREA warnings is available from the Canadian Coast Guard website.

Alternatively, these may be requested by forwarding an email to the NAVAREA Operations desk at: navarea17.18@innav.gc.ca.

Figure 4-13 - Canadian NAVAREA Zones and Broadcast Areas



The map portrayed in figure 4-13 is of Northern Canada. Shown are the zones for NAVAREA XVII in red and NAVAREA XVIII in green. These position limits are detailed in Table 4-14.

Table 4-14 – NAVAREA* Coordinates

NAVAREA XVII	NAVAREA XVIII
67°00N 168°58W	67°00N 120°00W
90°00N 168°58W	90°00N 120°00W
90°00N 120°00	90°00N 035°00W
67°00N 120°00W	67°00N 035°00W

*The geographical sea area contained with these coordinates which may include inland seas, lakes and waterways navigable by sea-going ships

During the Arctic navigational season, NAVAREA XVII and XVIII warnings applicable to the Canadian Search and Rescue boundaries for waters North of 70 degrees latitude are broadcast from Iqaluit (with limits to coverage area and reliability) using High Frequency Narrow Band Direct Printing (HF NBDP) on 8416.5 kHz at 03:30 UTC and 15:30 UTC. Refer to Iqaluit MCTS in Part 2 for details about the broadcast content.,

Table 4-15 - Broadcast Schedule

Hour UTC	Service	Frequency, Satellite, or System
0330	HF NBDP	8416.5 kHz*
1100	NAV XVIII	AOR-E, AOR-W SafetyCast
1130	NAV XVII	AOR-W, POR, SafetyCast
1530	HF NBDP	8416.5 kHz*
2300	NAV XVIII	AOR-E, AOR-W, SafetyCast
2330	NAV XVII	AOR-W, POR, SafetyCast

***Available during Arctic navigational season

Comments concerning the reception of NAVAREA XVII and XVIII broadcasts, especially above 75°N, would be appreciated and should be sent to:

NAVAREA XVII and XVIII

Prescott MCTS Centre

Telephone: 613-925-0666
Facsimile: 613-925-4519

E-mail: navarea17.18@innav.gc.ca

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AMEND

4.3.3.1.1 SafetyNET

TO READ:

4.3.3.1.1 Inmarsat C- SafetyNET II

NAVAREAs XVII and XVIII warnings are broadcast in the English language directly into the appropriate GMDSS NAVAREA zone, with a broadcast overlap of 300 NM.

To learn more about the Inmarsat SafetyNET service, please consult their website or the SafetyNET manual (MSC.1/Circ.1364/Rev.2).

ADD AS FOLLOWS:

4.3.3.1.2 Iridium - SafetyCast

Section 4: Canadian Sailing Directions Corrections

The following **Canadian Sailing Directions** volumes have recently been updated on the Canadian Hydrographic Service website.

No.	Title
Atlantic Coast	
ATL105	Cape Canso to Cape Sable (including Sable Island)

Each volume includes a section entitled “Record of Changes” which lists all updates that are incorporated during the current calendar year.

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	Nominal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
NEWFOUNDLAND AND LABRADOR COAST							
PLACENTIA BAY (LL 14.4 – 79)							
37.53	*Fair Haven Point Shoal light buoy PFH3*	*47 31 18.8* *053 54 43.0*	*Q G 1s*	*.....*	*.....*	*Green spar, marked "PFH3".*	*Operates 24 h. Year round.* **Chart:4617** **Edn 04/24 (N24-054)**
73.3 *H0361.5*	Little St. Lawrence Wharf Light	46 55 39.8 055 21 46.0	Fl R 4s	2.1	2	Cylindrical mast. 2.1	Operates 24 h. Seasonal. **Chart:4624** **Edn 04/24 (N24-002)**
73.6	*Ragged Rock light buoy PK1*	*Ragged Head Point.* *46 53 58.8* *055 33 33.9*	*Fl G 4s*	*.....*	*.....*	*Green ~~spar~~, marked "PK1".*	*Seasonal.* **Chart:4625** **Edn 04/24 (N24-003)**
73.7	*Drunkards Point light buoy PK2*	*46 54 09.0* *055 31 15.1*	*Fl R 4s*	*.....*	*.....*	*Red, marked "PK2".*	*Seasonal.* **Chart:4625** **Edn 04/24 (N24-005)**
73.81	*2 Fathom Shoal light buoy PK3*	*Great Lawn.* *46 56 12.5* *055 32 35.2*	*Fl G 4s*	*.....*	*.....*	*Green spar, marked "PK3".*	*Seasonal.* **Chart:4625** **Edn 04/24 (N24-006)**
73.82	*Murphy Rock light buoy PK6*	*Little Lawn Harbour.* *46 56 12.5* *055 32 32.7*	*Fl R 4s*	*.....*	*.....*	*Red spar, marked "PK6".*	*Seasonal.* **Chart:4625** **Edn 04/24 (N24-007)**
FORTUNE BAY (LL 100 – 120.1)							
119.5 *H0301*	Boxey Breakwater Light	47 27 05.2 055 33 28.2	Fl G 4s	3.5	2	~~Cylindrical~~ Mast. 2.6	Seasonal. **Chart:4831** **Edn 04/24 (N24-009)**
SOUTHWEST COAST (LL 121 – 172)							
149.2 *H0243*	Harbour Le Cou Breakwater Light	47 37 28.0 058 40 55.0	Fl G 2.5s	3.5	2	~~Cylindrical~~ Mast. 2.3	Flash 0.5 s; eclipse 2.0 s. Seasonal. **Chart:4639** **Edn 04/24 (N24-010)**
WEST COAST (LL 173 – 208.2)							
176.2	*Crabbes River Harbour light buoy XD4*	*48 13 13.7* *058 51 54.7*	*Fl R 4s*	*.....*	*.....*	*Red spar, marked "XD4".*	*Seasonal.* **Chart:4022** **Edn 04/24 (N24-044)**

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics			Focal Height in m. above water	Nominal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
STRAIT OF BELLE ISLE (LL 211 – 234)									
220 *H0148*	**New Ferolle Peninsula Light Station and Fog Signal**	51 01 22.1 057 05 44.5	Fl(4)	W	7.5s	27.7	**20**	White octagonal tower with red upper portion. 19.2	Flash 0.25 s; eclipse 0.75 s; flash 0.25 s; eclipse 0.75 s; flash 0.25 s; eclipse 0.75 s; flash 0.25 s; eclipse 4.25 s. Operates 24 h. Year round. **Horn -** Blast 4 s; sil. 56 s. Horn points 314°30'. **Chart:4665** **Edn 04/24 (N24-038)**
WHITE BAY (LL 235 – 269.3)									
240 *H0730*	**Fox Point (Fishing Point) Light Station and Fog Signal**	Entrance to St. Anthony Harbour. 51 21 22.0 055 33 18.3	Fl	W	10s	26.8	**17**	White square tower with red horizontal bands. 9.3	Flash 0.3 s; eclipse 9.7 s. Visible 270°. Year round. **Horn -** Blast 4 s; sil. 56 s. Horn points 115°18'. **Chart:4514** **Edn 04/24 (N24-037)**
NEWFOUNDLAND AND LABRADOR COAST (LL 269.99 – 325.23)									
324.79 *H0060.15*	Small Unnamed Island Light	Seniartlit Islands to Nain. 56 22 35.6 061 06 30.1	Fl(2)	G	5s	5.0	5	Square skeleton tower, red and white rectangular daymark.	Year round. **Chart:5052** **Edn 04/24 (N23-202)**
NOTRE DAME BAY (LL 326 – 395)									
395 *H0586*	**Peckford Island Light ~~Station~~**	NE. coast. 49 31 49.3 053 51 07.3	Fl	W	10s	15.5	**17**	Square skeleton tower, red rectangular daymark with white band. 9.6	Flash 0.2 s; eclipse 9.8 s. Year round. **Chart:4530** **Edn 04/24 (N24-027)**
CAPE ST. FRANCIS TO RENEWS (LL 499 – 516)									
504 *H0459*	**St. John's Harbour range**	47 34 02.0 052 42 09.0	F	G	.....	28.6	**24**	Red and white skeleton tower, white daymark with red vertical stripe.	Visible in line of range. Operates 24 h. Year round.
505 *H0459.1*		276°07' 430.3 m from front.	F	G	.....	58.9	**24**	On side of church, white rectangular daymark with red stripe. 14.0	Visible in line of range. Operates 24 h. Year round. An increased lantern intensity of the range lights is available from a distance on channel 20A (157.00 Hz). To increase to the high intensity setting, 24 NM nominal range, key the microphone of the VHF radio 5 consecutive times within 5 seconds on channel 20A. The high intensity setting will be activated for 30 minutes. The high intensity setting can be reduced to the low intensity setting, 18 NM nominal range, by keying the microphone 3 times within 5 seconds. **Chart:4846** **Edn 04/24 (N24-051, 052)**

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nominal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals

ATLANTIC COAST

BAY OF FUNDY, N.S. (LL 163 – 268)

217.5	Tiverton Breakwater	44 23 48.9 066 12 45.2	Fl	W	5s	…..	3	Mast, red and white slatwork daymark.	Flash 1 s; eclipse 4 s. Year round. **Chart:4118** **Edn 04/24 (F24-016)**

NOVA SCOTIA, SOUTHEAST COAST (LL 327 – 684.02)

583 *H3566*	Owls Head	On extremity of head. 44 43 14.6 062 47 59.5	LFl	W	6s	25.8	6 9.7	Square skeleton tower, red and white rectangular daymark.	Flash 2 s; eclipse 4 s. Year round. **Chart:4236** **Edn 04/24 (F24-019)**

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

778.5	*Sydney Northwest Bar light buoy SD2*	*46 12 27.0* *060 14 04.4*	*Q*	*R*	*1s*	*…..*	*…..*	*Red spar, marked "SD2".*	*Year round.* **Chart:4266** **Edn 04/24 (G24-047)**

NORTHUMBERLAND STRAIT – EAST (LL 883.2 – 940.3)

897 *H1244*	Pictou Island ~~(West End)~~	On W. point of island. 45 48 15.0 062 36 07.2	Fl	W	4s	14.0	6 6.9	Square skeleton tower, red rectangular daymark with white horizontal band.	Year round. **Chart:4940** **Edn 04/24 (G24-038)**
898 *H1240*	Pictou Island Breakwater	On SE. corner of W. breakwater. 45 48 09.5 062 35 08.4	Fl	G	4s	4.9	4	Pipe swing pole, green-white-black square daymark.	Flash 1 s; eclipse 3 s. Seasonal. **Chart:4940** **Edn 04/24 (G24-037)**
899.5 *H1238*	Pictou Island ~~(East End)~~	SE. point. 45 48 55.2 062 30 49.2	Fl	W	4s	17.7	6 9.9	Square skeleton tower, red rectangular daymark with white horizontal band.	Flash 1 s; eclipse 3 s. Year round. **Chart:4940** **Edn 04/24 (G24-040)**

PRINCE EDWARD ISLAND (LL 942 – 1084.7)

1046.05	*St. Peters Harbour light buoy JD11.5*	*At harbour entrance.* *46 26 39.2* *062 44 12.1*	*Q*	*G*	*1s*	*…..*	*…..*	*Green, marked "JD11.5".*	*Buoy may be repositioned due to shifting channel.* *Seasonal.* **Chart:4425** **Edn 04/24 (G24-034)**

NORTHUMBERLAND STRAIT – WEST (LL 1085 – 1165.9)

1105	*Shediac light ~~and bell~~ buoy XN*	*On E. side of channel.* *46 16 38.0* *064 29 05.0*	*Mo(A)*	*W*	*6s*	*…..*	*…..*	*Red and white vertical stripes, marked "XN".*	*Buoy may be repositioned due to shifting channel.* *Seasonal.* **Chart:4909** **Edn 04/24 (G24-043)**
1109.81	*Pointe-du-Chêne light buoy XP3*	*46 14 29.8* *064 31 39.2*	*Q*	*G*	*1s*	*…..*	*…..*	*Green, marked "XP3".*	*Operates 24 h.* *Seasonal.* **Chart:4909** **Edn 04/24 (G24-046)**

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nominal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
GASPÉ – CHALEUR BAY (LL 1169.1 – 1426)							
1362.1	*East Bay light buoy EX3*	*48 04 13.1* *066 21 19.2*	*Fl G 4s*	*…..*	*…..*	*Green spar, marked "EX3".*	*Buoy may be repositioned due to shifting channel.* *Seasonal (in place year round).* **Chart:4426** **Edn 04/24 (G24-044)**
1390 *H1701*	Pointe de Newport - range	On outer end of wharf. 48 17 09.9 064 43 16.6	F R …..	9.1	7	Pipe swing pole. 8.2	Visible 6°. Operates 24 h. Seasonal.
1391 *H1701.1*		341°50' 235.4 m from front.	F R …..	17.2	7	Square skeleton tower, orange daymark with black vertical stripe. 15.5	Visible 6°. Operates 24h. Seasonal. **Chart:4921** **Edn 04/24 (Q24-129, 132)**
GULF OF ST. LAWRENCE (LL 1477.5 – 1617)							
1485.54	*Havre de la Grande Entrée light buoy CB10*						*Delete from list.* **Chart:4954** **Edn 04/24 (Q24-123)**
1485.55	*Havre de la Grande Entrée light buoy CB11*						*Delete from list.* **Chart:4954** **Edn 04/24 (Q24-124)**
1485.58	*Havre de la Grande Entrée light buoy CB14*						*Delete from list.* **Chart:4954** **Edn 04/24 (Q24-125)**
1485.59	*Havre de la Grande Entrée light buoy CB15*						*Delete from list.* **Chart:4954** **Edn 04/24 (Q24-126)**
1486.6	*Havre de la Grande Entrée light buoy CB34*						*Delete from list.* **Chart:4954** **Edn 04/24 (Q24-127)**
1494.96	*Chenal du Havre aux Maisons Cautionary light buoy H3*	*47 24 17.1* *061 50 26.9*	*Fl Y 4s*	*…..*	*…..*	*Yellow, marked "H3".*	*Private aid.* *Seasonal.* **Chart:4955** **Edn 04/24 (Q24-134)**
1494.97	*Havre aux Maisons Cautionary light buoy H2*	*47 24 26.4* *061 50 26.0*	*Fl Y 4s*	*…..*	*…..*	*Yellow, marked "H2".*	*Private aid.* *Seasonal.* **Chart:4955** **Edn 04/24 (Q24-135)**
1494.98	*Havre aux Maisons Cautionary light buoy H1*	*47 24 23.2* *061 50 36.2*	*Fl Y 4s*	*…..*	*…..*	*Yellow, marked "H1".*	*Private aid.* *Seasonal.* **Chart:4955** **Edn 04/24 (Q24-136)**

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics			Focal Height in m. above water	Nominal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
SAGUENAY RIVER (LL 1773 – 1823.4)									
1799.2 *H2142.3*	Port-Alfred range	La Baie, Baie des Ha! Ha!. 48 20 04.3 070 52 27.2	F	R	.....	15.0	.....	On building, orange ~~trapezoidal~~ daymark with black vertical stripe.	Private aid. Visible in line of range. ~~Privately maintained by Rio Tinto Alcan.~~ Operates 24 h. Year round.
1799.3 *H2142.31*		261°46' 122.4 m from front.	F	R	.....	26.1	.....	On building, orange ~~trapezoidal~~ daymark with black vertical stripe.	Private aid. Visible in line of range. ~~Privately maintained by Rio Tinto Alcan.~~ Operates 24 h. Year round.
									Chart:1202 **Edn 04/24 (Q24-130, 131)**
ST. LAWRENCE RIVER, RIVIÈRE DU LOUP – SOREL (LL 1823.8 – 2185.1)									
2005	*Barre à Boulard light buoy Q74*	*Deschambault.* *46 38 03.3* *071 55 45.4*	*Q*	*R*	*1s*	.....	.....	*Red spar, marked "Q74".*	*Year round (YRLS).*
									Chart:1314 **Edn 04/24 (Q24-133)**
INLAND WATERS									
LAKE SUPERIOR (LL 1082 – 1161)									
1113	Rossport Harbour Entrance	On small island at entrance to harbour. 48 49 30.2 087 31 23.7	Fl	W	4s	11.3	4	Cylindrical mast, red and white rectangular daymark. 5.6	Seasonal.
									Chart:2312 **Edn 04/24 (D24-025)**
1121	Burnt Island	48 54 57.5 088 11 46.2	Fl	W	4s	19.0	4	Cylindrical mast, red and white rectangular daymark. ~~6.1~~	Seasonal.
									Chart:2312 **Edn 04/24 (D24-026)**
1128	Point Porphyry	On SW. extremity of island, entrance to Black Bay. 48 20 24.0 088 38 54.0	Fl	W	10s	25.0	9	White skeleton tower. 18.3	Flash 1 s; eclipse 9 s. Seasonal.
									Chart:2301 **Edn 04/24 (D24-027)**
LAKE WINNIPEG (LL 1563.1 – 1625)									
1574	Victoria Beach	On outer end of wharf. 50 41 39.8 096 33 34.9	Fl	G	4s	7.0	6	Square skeleton tower, green and white rectangular daymark. ~~5.8~~	Seasonal.
									Chart:6251 **Edn 04/24 (P24-017)**
1611	Poplar Point Reef	On reef, E. side of the lake ~~Winnipeg~~. 53 00 07.8 097 39 02.3	Fl	W	4s	7.4	…..	Square tower, red and white rectangular daymark. ~~11.0~~	Radar reflector. Operates 24 h. Seasonal.
									Chart:6241 **Edn 04/24 (P24-014)**

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nominal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
LAKE WINNIPEGOSIS (LL 1625.5 – 1644.5)							
1638.2	*Papoose Channel light buoy K25*	*W. of Dog Point.* *52 25 09.0* *100 01 06.0*	*Fl G 4s*	.....	.....	*Green, marked "K25".*	~~*Operates 24 h.*~~ *Seasonal.* *Position in NAD 83.*

Chart:6272
Edn 04/24 (P24-016)