



Fisheries and Oceans  
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Canadian  
Coast Guard

Garde côtière  
canadienne

# Notices to Mariners

**Edition No. 05/2022**  
May 27, 2022



Safety First, Service Always

## Monthly Western Edition

Canada 

Notices to Mariners – Monthly Western Edition  
Edition No. 05/2022

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<https://www.notmar.gc.ca/mensuel> (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 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](mailto: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.

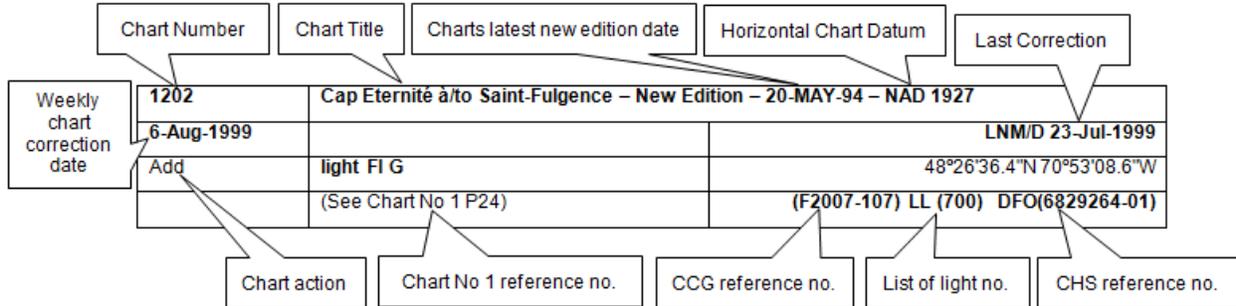
## Explanatory Notes – Canadian Hydrographic Service (CHS)

### 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 **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](http://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 Shipping<sup>1</sup>, 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><b>Western Region</b> <b>Prince Rupert MCTS Centre</b></p> <p>“P” Series NAVWARN</p> <p>Canadian Coast Guard Bag 4444 Prince Rupert, BC V8J 4K2</p> <p>Telephone: 250-627-3070</p> <p>Email: <a href="mailto:NAVWARN.MCTSPrinceRupert@innav.gc.ca">NAVWARN.MCTSPrinceRupert@innav.gc.ca</a></p>	<p><b>Arctic Region</b> <b>*Iqaluit MCTS Centre</b></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</p> <p>Facsimile: 867-979-4264</p> <p>Email: <a href="mailto:NAVWARN.MCTSIlqaluit@innav.gc.ca">NAVWARN.MCTSIlqaluit@innav.gc.ca</a></p>
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\*Service available in English and in French.

<sup>1</sup> 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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3050	<a href="#">9, 10</a>				
3441	<a href="#">10</a>				
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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](mailto: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 Western 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](https://Canada.ca/coronavirus).

### West Coast Haida Gwaii – Voluntary Protection Zone for Shipping

(Recurrent publication of notice \*1105/21, originally published in the *Notices to Mariners – Monthly Western Edition 11/2021* publication.)

Reference: Notice \*903/21 is cancelled.



**Voluntary Protection Zone for Shipping, West Coast Haida Gwaii (formerly Queen Charlotte Islands)**

Haida Gwaii's remote location, rugged coastline, variable sea and weather conditions, and rich ecological and cultural heritage make it vulnerable to the potential for pollution from shipping breakdowns and accidents. Increasing the distance vessels travel offshore can increase the amount of time available to address propulsion, steering or other issues, and the likelihood of a towing vessel being able to respond to a vessel that is disabled or drifting. This in turn reduces the risk of grounding and oil spills.

A Voluntary Protection Zone for Shipping on the West Coast of Haida Gwaii is currently in effect. In the Voluntary Protection Zone, commercial vessels of 500 gross tonnage or greater shall observe a minimum distance of 50 nautical miles offshore when transiting along the West Coast of Haida Gwaii with the following exceptions:

- Cruise vessels, to observe a minimum 12 nm distance from shore;
- Vessels transiting between Pacific Northwest ports (Washington, Alaska, BC), to observe a minimum 25 nm distance from shore;
- Tugs and barges (including pushing and towing alongside), no minimum distance; and
- Fishing vessels, no minimum distance.

The Voluntary Protection Zone for Shipping coordinates are:

54° 15.436' N	133° 04.788' W
54° 17.572' N	134° 02.484' W
54° 13.614' N	134° 19.427' W
54° 11.786' N	134° 30.841' W
53° 44.036' N	134° 32.677' W
53° 11.118' N	134° 16.412' W
52° 18.483' N	133° 20.917' W
51° 24.590' N	132° 04.081' W
51° 56.158' N	131° 01.830' W

Vessels are requested to adhere to these distances on a voluntary basis and only when it does not jeopardize the safety of navigation, the vessel, the persons aboard, and the cargo.

(NW-P-1085-20)

**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 Western 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.

**\*501/22 Canadian Hydrographic Service – Nautical Charts**

Charts	Main Title	Scale	Published	Cat#	Price
<b>New Editions</b>					
1221	Pointe de Moisie à/to Île du Grand Caoui	1:75 000	2022-05-13	1	\$20.00
3447	Nanaimo Harbour and/et Departure Bay	1:10 000	2022-05-13	2	\$20.00
7486	Navy Channel to/à Fury and Hecla Strait	1:150 000	2022-05-13	4	\$20.00

**\*502/22 Canadian Hydrographic Service – Electronic Navigational Charts**

S-57 ENC Number	Chart Title	ENC Compilation Scale	Published
<b>New Charts</b>			
CA571085 (Edn 1.000)	Quottoon Narrows	1:22 000	2022-05-06
CA670757 (Edn 1.000)	Canexus	1:2 000	2022-05-27
CA670761 (Edn 1.000)	Pacific biological Station	1:2 000	2022-05-20
<b>New Editions</b>			
CA276322 (Edn 2.000)	Cape Harrison to/à Nunaksaluk Island	1:100 000	2022-05-20
CA376351 (Edn 3.000)	Dog Islands to/à Cape Makkovik	1:30 000	2022-05-13
CA376689 (Edn 2.000)	North Head to/à Murphy Head	1:50 000	2022-05-27
CA576005 (Edn 7.000)	Saint John Harbour and Approaches / et les approches	1:15 000	2022-05-13
<b>Charts Permanently Withdrawn</b>			
CA570243	Quottoon Narrows		

**\*503/22 Canadian Hydrographic Service – Raster Digital Charts (BSB V3)**

Charts	Main Title	Scale	Published
<b>New Editions</b>			
RM-3447	Nanaimo Harbour and/et Departure Bay	1:10 000	2022-05-13
RM-7486	Navy Channel to/à Fury and Hecla Strait	1:150 000	2022-05-13

**\*504/22 Transport Canada – Ship Safety Bulletin #18/2021**

An updated **Ship Safety Bulletin** has recently been posted on the [Transport Canada website](#).

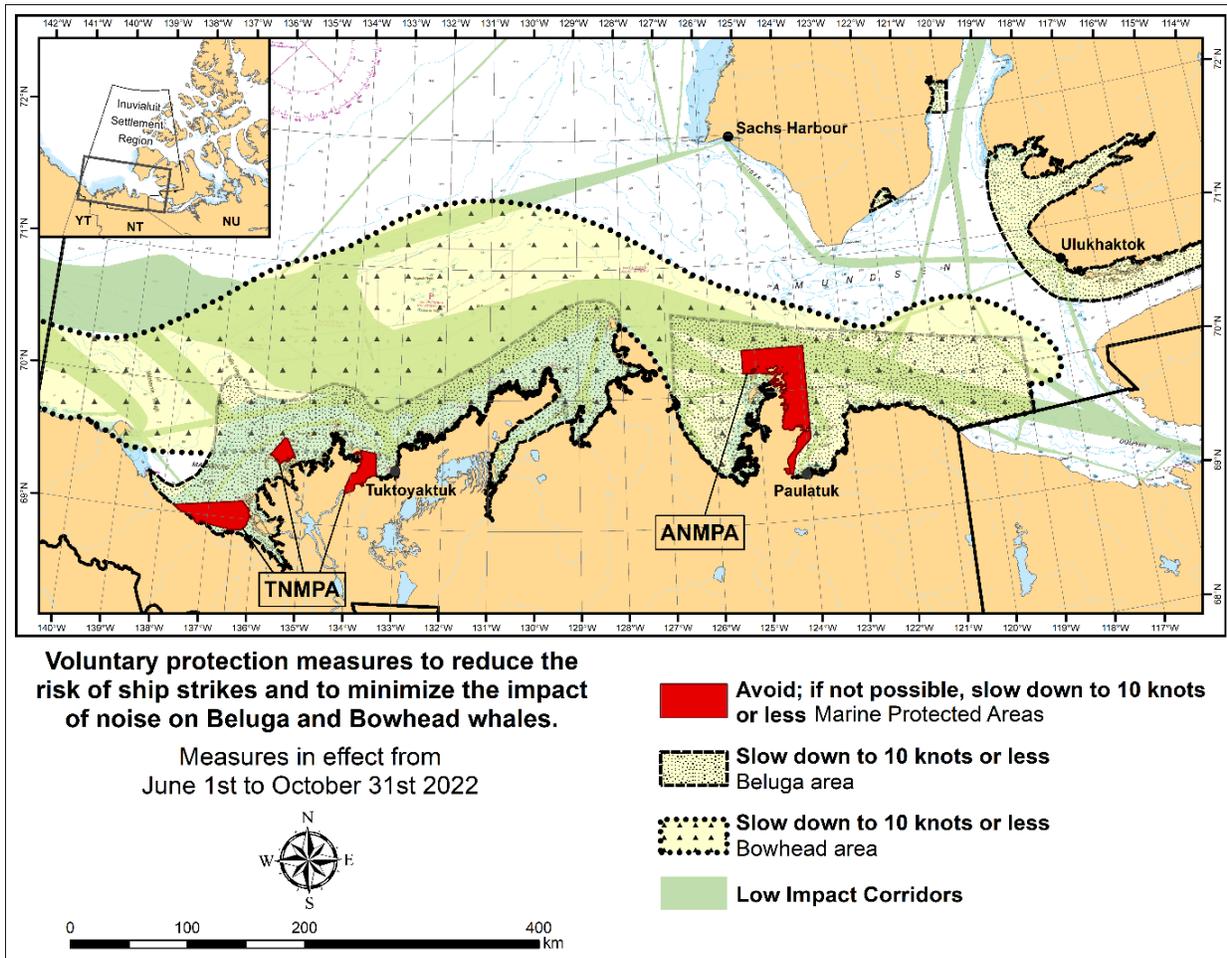
To view or download this bulletin, please click on the link below:

[SSB#18/2021](#) – Measures to Support Safe Cruise Travel in Canada (modified May 6, 2022)  
RDIMS# 17917307

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](mailto:marinesafety-securitemaritime@tc.gc.ca) or 1-855-859-3123 (Toll Free).

**\*505/22 Anguniaqvia niqiqyuam Marine Protected Area (ANMPA) and Tarium Niryutait Marine Protected Areas (TNMPA) – Beluga and Bowhead Whale Protection: Voluntary Avoidance and Slowdown Areas**



The two established Marine Protected Areas (MPAs) in Canada’s Western Arctic are located within the Inuvialuit Settlement Region, as such all activities must comply with the [Inuvialuit Final Agreement](#). Protection and preservation of Arctic wildlife, the environment and biological productivity is one of the principles of the Inuvialuit Final Agreement and it is this principle that led the Inuvialuit Regional Corporation and the Inuvialuit Game Council to initiate establishment of the Western Arctic MPAs. The waters in and near the MPAs, and the offshore marine habitats of the Beaufort Sea and Amundsen Gulf, are important summer foraging habitats used seasonally (May-October) by the Eastern Beaufort Sea beluga stock, and the Bering-Chukchi-Beaufort bowhead population.

**REGULATORY PROTECTION MEASURES**

All whale species are protected under the Marine Mammal Regulations, pursuant to the *Fisheries Act*. Within the boundaries of the MPAs, a general prohibition is set out in the Regulations, pursuant to the *Oceans Act*. Any incident with a marine mammal within the MPAs must be reported within two hours after its occurrence, to the Canadian Coast Guard. For marine wildlife sightings and incidents such as collisions that occur outside the MPAs or for any situation involving a marine mammal that is dead or in trouble, contact Fisheries and Oceans Canada, Inuvik office at (867) 777-7500.

For more information on the ANMPA and TNMPA, including local contacts and species specific minimum distances, see Section A2 - Notices 5 and 5A.3 of the *Notices to Mariners Annual Edition 2022*.

**VOLUNTARY PROTECTION MEASURES**

Voluntary measures are in effect from June 1<sup>st</sup> to October 31<sup>st</sup>, 2022. See map above.

These measures apply to merchant vessels, cruise ships, small vessels and adventure craft within the boundaries of the MPAs and the additional identified areas to prevent collisions with whales and to mitigate the underwater noise generated by the vessels. These measures should only be taken when they will not jeopardize navigational safety.

**Avoid (red area):** To reduce the risk of underwater noise disturbance and collisions with whales within the MPAs, vessels should avoid transiting through the MPAs if possible. If passage through this area is required, vessels should slow down to a maximum speed through the water of 10 knots and post a lookout such as a marine mammal observer 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 up to 10 knots. It is more difficult to see the animals in rain, fog, or in rough sea states, therefore increased caution is recommended.

**Slow down to 10 knots or less (yellow area):** To reduce the risk of underwater noise disturbance and collisions with whales within this area, it is recommended that vessels should slow down to a maximum speed through the water of 10 knots, remain in the navigation and marked community supply channels and post a lookout.

These voluntary measures are secondary to rights under the Inuvialuit Final Agreement.

**MPA Coordinates**

The Tarium Niryutait Marine Protected Areas consist of three areas of the Mackenzie Bay: Okeevik, Kittigaryuit and Niaqunnaq. The three areas are bounded by rhumb lines connecting the following geographical coordinates [North America Datum 1983 (NAD 83)/World Geodetic System (WGS 84)].

Okeevik Sub Area		
Point	Latitude (North)	Longitude (West)
1	69° 38' 19"	135° 25' 09"
2	69° 38' 03"	135° 25' 11"
3	69° 37' 46"	135° 24' 52"
4	69° 29' 49"	135° 12' 49"
5	69° 30' 45"	135° 16' 56"
6	69° 29' 26"	135° 18' 53"
7	69° 29' 23"	135° 19' 06"
8	69° 28' 07"	135° 20' 25"
9	69° 27' 36"	135° 24' 25"
10	69° 25' 51"	135° 32' 27"
11	69° 26' 32"	135° 34' 54"
12	69° 28' 21"	135° 35' 24"
13	69° 28' 35"	135° 36' 40"
14	69° 28' 39"	135° 37' 58"
15	69° 30' 34"	135° 45' 54"
16	69° 35' 18"	135° 35' 42"
17	69° 36' 00"	135° 22' 10"
18	69° 34' 40"	135° 20' 09"
19	69° 34' 00"	135° 20' 09"
20	69° 34' 00"	135° 27' 39"
21	69° 36' 00"	135° 27' 39"
22	69° 27' 00"	135° 31' 11"
23	69° 27' 00"	135° 34' 45"

Kittigaryuit Sub Area		
Point	Latitude (North)	Longitude (West)
1	69° 35' 10"	133° 48' 26"
2	69° 34' 00"	133° 28' 00"
3	69° 23' 37"	133° 26' 40"
4	69° 20' 34"	133° 40' 37"
5	69° 19' 05"	133° 42' 21"
6	69° 19' 01"	133° 42' 31"
7	69° 20' 39"	133° 43' 20"
8	69° 16' 42"	133° 54' 54"
9	69° 15' 20"	134° 06' 53"
10	69° 16' 33"	134° 05' 56"
11	69° 20' 42"	134° 02' 44"
12	69° 24' 00"	133° 59' 10"
13	69° 24' 34"	133° 53' 49"
14	69° 28' 21"	133° 48' 15"
15	69° 28' 02"	133° 50' 59"
16	69° 33' 20"	133° 47' 29"
17	69° 34' 33"	133° 47' 42"
18	69° 32' 55"	133° 51' 09"
19	69° 32' 56"	133° 51' 54"
20	69° 33' 46"	133° 55' 48"
21	69° 33' 46"	133° 55' 31"

Niaqunnaq Sub Area		
Point	Latitude (North)	Longitude (West)
1	69° 08' 00"	136° 16' 44"
2	69° 04' 25"	136° 07' 45"
3	69° 03' 43"	136° 07' 08"
4	69° 01' 19"	136° 04' 45"
5	69° 01' 14"	136° 04' 45"
6	69° 00' 57"	136° 05' 42"
7	69° 00' 12"	136° 07' 08"
8	68° 57' 00"	136° 10' 00"
9	68° 55' 00"	136° 15' 00"
10	68° 54' 22"	136° 31' 50"
11	68° 55' 00"	136° 38' 33"
12	68° 56' 15"	137° 00' 41"
13	68° 56' 29"	137° 03' 03"
14	68° 55' 48"	137° 11' 00"
15	68° 57' 50"	137° 16' 40"
16	68° 59' 20"	137° 21' 30"
17	69° 03' 09"	137° 44' 54"

The Anguniaqvia niqiqyuam Marine Protected Areas consist of two areas in Darnley Bay and Amundsen Gulf in the Beaufort Sea: Zone 1 and Zone 2. The areas consist of the seabed, the subsoil to a depth of five metres and the water column, including the sea ice. The two areas are bounded by straight lines connecting the following geographical coordinates [North America Datum 1983 (NAD 83)].

Zone 1		
Point	Latitude (North)	Longitude (West)
A	69° 21' 07.8"	124° 21' 32.0" approx
B	70° 12' 00.0" approx	124° 31' 55.2"
C	70° 08' 22.0"	124° 41' 45.0" approx
D	70° 09' 09.9"	124° 57' 42.0" approx
E	70° 09' 13.0" approx	125° 05' 28.6"
F	70° 09' 13.2"	125° 17' 53.0"
G	70° 20' 00.0"	125° 17' 53.0"
H	70° 20' 00.0"	123° 54' 17.5"
I	69° 37' 20.6"	123° 54' 17.5"
J	69° 30' 00.0"	124° 15' 34.7"

Zone 2		
Point	Latitude (North)	Longitude (West)
K	70° 04' 15.8"	124° 41' 51.0" approx
L	70° 04' 48.6"	124° 41' 54.0" approx
M	70° 02' 12.9"	124° 35' 23.0" approx
N	70° 02' 12.9"	124° 35' 29.0" approx

**\*506/22 Canadian Coast Guard Publication – Amendments to the *List of Lights, Buoys and Fog Signals* Publication: Atlantic Coast**

Please note that the following sections in the Atlantic Coast volume of the *List of Lights, Buoys and Fog Signals* publication are now separated into new distinct sections. Please see the table below for the complete list of changes.

Previous Sections	New Sections
<b>Bay of Fundy, N.B.</b> LL 5 – 114, 145 – 157	<b>Bay of Fundy, N.B. – West</b> LL 5 – 114
	<b>Bay of Fundy, N.B. – East</b> LL 145 – 157
<b>Gulf of St. Lawrence</b> LL 883.2 – 940.3 1169.1 – 1426 1477.5 – 1584	<b>Northumberland Strait – East</b> LL 883.2 – 940.3
	<b>Gulf of St. Lawrence</b> LL 1169.1 – 1426, 1477.5 – 1584
<b>Northumberland Strait</b> LL 1085 – 1165.9	<b>Northumberland Strait – West</b> LL 1085 – 1165.9

**\*507/22 Canadian Coast Guard Publication – *List of Lights, Buoys and Fog Signals* Publication: Pacific Coast – All Documents Now Available to Download as a Single PDF Document**

The Notices to Mariners website has added a new download option for the *List of Lights, Buoys and Fog Signals* publication. The Front Cover and General Information Pages, all individual sections of the volume, and the Geographical and Designator Indexes can now be obtained together through the download of a single PDF document.

Currently, this option is only available for the Pacific Coast volume. Other volumes will be available at a later date.

## **Section 1A: Temporary and Preliminary Notices**

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### **Reminder – Comment Period for Active Preliminary Notices**

No notices applicable for this edition.

#### **Inland Waters**

No notices applicable for this edition.

#### **Pacific Coast**

No notices applicable for this edition.

## Section 2: Chart Corrections

### 3050 - Kootenay River, Mile 0 to Mile 8.7 - Sheet/Feuille 1 - New Edition - 03-MAY-1996 - NAD 1927

27-MAY-2022

LN/D. 05-NOV-2021

Delete recommended main two way track between 49°04'17.0"N 116°33'48.7"W  
(See Chart No. 1, M4) and 48°59'54.9"N 116°30'11.0"W  
This notice affects Electronic Navigational Chart: CA571400, CA571401  
*DFO(6204598-10)*

### 3050 - Kootenay River, Mile 8.3 to Mile 16.5 - Sheet/Feuille 2 - New Edition - 03-MAY-1996 - NAD 1927

27-MAY-2022

LN/D. 05-NOV-2021

Delete recommended main two way track between 49°08'54.0"N 116°34'54.3"W  
(See Chart No. 1, M4) and 49°04'03.1"N 116°33'42.4"W  
This notice affects Electronic Navigational Chart: CA571401, CA571402  
*DFO(6204598-09)*

### 3050 - Kootenay River, Mile 15.8 to Mile 24.9 - Sheet/Feuille 3 - New Edition - 03-MAY-1996 - NAD 1927

27-MAY-2022

LN/D. 05-NOV-2021

Delete recommended main two way track between 49°12'30.0"N 116°39'19.9"W  
(See Chart No. 1, M4) and 49°08'28.7"N 116°35'37.9"W  
This notice affects Electronic Navigational Chart: CA571402, CA571403, CA571404  
*DFO(6204598-08)*

### 3050 - Kootenay River, Mile 24.2 to Mile 29 - Sheet/Feuille 4 - New Edition - 03-MAY-1996 - NAD 1927

27-MAY-2022

LN/D. 05-NOV-2021

Delete recommended main two way track between 49°15'29.8"N 116°41'14.4"W  
(See Chart No. 1, M4) and 49°11'54.0"N 116°39'19.8"W  
This notice affects Electronic Navigational Chart: CA571403, CA571404  
*DFO(6204598-07)*

### 3050 - West Arm Kootenay Lake, Procter Light to Harrop Narrows - Sheet/Feuille 9 - New Edition - 03-MAY-1996 - NAD 1927

27-MAY-2022

LN/D. 05-NOV-2021

Delete recommended main two way track between 49°36'33.5"N 117°03'23.3"W  
(See Chart No. 1, M4) and 49°37'24.7"N 116°56'42.5"W  
This notice affects Electronic Navigational Chart: CA571408, CA571409  
*DFO(6204598-06)*

### 3050 - West Arm Kootenay Lake, Harrop Narrows to Nine Mile Narrows - Sheet/Feuille 10 - New Edition - 03-MAY-1996 - NAD 1927

27-MAY-2022

LN/D. 05-NOV-2021

Delete recommended main two way track between 49°35'50.9"N 117°10'02.0"W  
(See Chart No. 1, M4) and 49°36'38.1"N 117°02'32.3"W  
This notice affects Electronic Navigational Chart: CA571409, CA571410, CA571411  
*DFO(6204598-05)*

### 3050 - West Arm Kootenay Lake, Nine Mile Narrows to Five Mile Point - Sheet/Feuille 11 - New Edition - 03-MAY-1996 - NAD 1927

27-MAY-2022

LN/D. 05-NOV-2021

Delete recommended main two way track between 49°32'40.2"N 117°14'45.5"W  
(See Chart No. 1, M4) and 49°36'00.2"N 117°09'11.0"W  
This notice affects Electronic Navigational Chart: CA571410, CA571412  
*DFO(6204598-04)*

**3050 - West Arm Kootenay Lake, Five Mile Point to Nelson - Sheet/Feuille 12 - New Edition - 03-MAY-1996 - NAD 1927**  
27-MAY-2022 LNM/D. 05-NOV-2021

Delete recommended main two way track between 49°29'27.0"N 117°18'33.9"W  
(See Chart No. 1, M4) and 49°33'29.8"N 117°14'13.2"W  
This notice affects Electronic Navigational Chart: CA571412, CA571414, CA571415  
DFO(6204598-03)

**3050 - West Arm Kootenay Lake, Nelson to Taghum - Sheet/Feuille 13 - New Edition - 03-MAY-1996 - NAD 1927**  
27-MAY-2022 LNM/D. 05-NOV-2021

Delete recommended main two way track between 49°29'16.7"N 117°23'17.5"W  
(See Chart No. 1, M4) and 49°30'25.5"N 117°17'11.6"W  
This notice affects Electronic Navigational Chart: CA571412, CA571414, CA571415  
DFO(6204598-02)

**3050 - West Arm Kootenay Lake, Taghum to Corra Linn Dam - Sheet/Feuille 14 - New Edition - 03-MAY-1996 - NAD 1927**  
27-MAY-2022 LNM/D. 05-NOV-2021

Delete recommended main two way track between 49°29'16.7"N 117°23'17.5"W  
(See Chart No. 1, M4) and 49°30'01.8"N 117°21'43.9"W  
This notice affects Electronic Navigational Chart: CA571414, CA571415  
DFO(6204598-01)

**3441 - Haro Strait, Boundary Pass and/et Satellite Channel - New Edition - 01-JUL-2005 - NAD 1983**  
20-MAY-2022 LNM/D. 15-OCT-2021

Add marine farm 48°36'21.3"N 123°21'53.6"W  
(See Chart No. 1, K48.2)  
This notice affects Electronic Navigational Chart: CA470003, CA570567  
DFO(6204594-01)

Add BUOYS Eight lateral buoys mark the entrance to the marina/ BOUÉES 48°33'55.0"N 123°29'11.0"W  
Huit bouées latérales marquent l'entrée de la marina  
This notice affects Electronic Navigational Chart: CA470003  
DFO(6204595-01)

Add See/Voir note BUOYS/BOUÉES 48°34'57.5"N 123°29'17.8"W  
This notice affects Electronic Navigational Chart: CA470003  
DFO(6204595-04)

Add rock which covers and uncovers with drying height of 0.6 metre 48°34'23.8"N 123°29'30.3"W  
(See Chart No. 1, K11)  
This notice affects Electronic Navigational Chart: CA470003  
DFO(6204596-01)

**3478 - Fulford Harbour - New Edition - 12-JUL-2013 - NAD 1983**  
20-MAY-2022 LNM/D. 19-MAR-2021

Delete depth of 2.9 metres 48°45'01.4"N 123°24'15.0"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA570238  
DFO(6204596-07)

Add rock which covers and uncovers with drying height of 0.8 metre 48°45'01.1"N 123°24'15.3"W  
(See Chart No. 1, K11)  
This notice affects Electronic Navigational Chart: CA570238  
DFO(6204596-08)

Delete	depth of 1.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570238	48°45'00.4"N 123°24'18.1"W  <i>DFO(6204596-09)</i>
Add	rock which covers and uncovers with drying height of 0.1 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570238	48°45'00.4"N 123°24'18.5"W  <i>DFO(6204596-10)</i>
Delete	depth of 2.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570238	48°45'01.3"N 123°24'28.4"W  <i>DFO(6204596-11)</i>
Add	rock which covers and uncovers with drying height of 0.6 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570238	48°45'00.8"N 123°24'28.7"W  <i>DFO(6204596-12)</i>
Add	rock which covers and uncovers with drying height of 0.3 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570238	48°44'53.3"N 123°24'40.7"W  <i>DFO(6204596-13)</i>
Add	rock which covers and uncovers with drying height of 0.3 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570238	48°44'52.9"N 123°24'44.1"W  <i>DFO(6204596-14)</i>
Delete	depth of 0.9 metre (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570238	48°45'19.4"N 123°25'56.8"W  <i>DFO(6204596-15)</i>
Add	rock which covers and uncovers with drying height of 0.1 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570238	48°45'19.7"N 123°25'56.4"W  <i>DFO(6204596-16)</i>
Delete	depth of 1.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570238	48°45'17.0"N 123°25'24.0"W  <i>DFO(6204596-17)</i>
Add	rock which covers and uncovers with drying height of 0.4 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570238	48°45'16.7"N 123°25'24.4"W  <i>DFO(6204596-18)</i>
Add	rock which covers and uncovers with drying height of 0.3 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570238	48°45'26.2"N 123°24'47.9"W  <i>DFO(6204596-19)</i>
Delete	depth of 2.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570238	48°45'19.4"N 123°24'25.9"W  <i>DFO(6204596-21)</i>

Add rock which covers and uncovers with drying height of 0.8 metre  
(See Chart No. 1, K11)  
This notice affects Electronic Navigational Chart: CA570238  
48°45'19.7"N 123°24'25.4"W  
DFO(6204596-22)

**3479 - Approches to/Approches à Sidney - New Chart - 18-MAY-2007 - NAD 1983**  
20-MAY-2022

LNMD. 29-OCT-2021

Add marine farm limits  
(See Chart No. 1, K48.1)  
This notice affects Electronic Navigational Chart: CA470003, CA570567  
joining 48°36'24.6"N 123°22'01.2"W  
48°36'27.3"N 123°21'54.2"W  
48°36'18.0"N 123°21'46.1"W  
48°36'15.3"N 123°21'53.1"W  
and 48°36'24.6"N 123°22'01.2"W  
DFO(6204594-01)

Add yellow cautionary lighted can buoy FI Y, marked Priv  
(See Chart No. 1, Qm)  
This notice affects Electronic Navigational Chart: CA570567  
48°36'24.6"N 123°22'01.2"W  
DFO(6204594-02)

Add yellow cautionary lighted can buoy FI Y, marked Priv  
(See Chart No. 1, Qm)  
This notice affects Electronic Navigational Chart: CA570567  
48°36'27.3"N 123°21'54.2"W  
DFO(6204594-03)

Add yellow cautionary lighted can buoy FI Y, marked Priv  
(See Chart No. 1, Qm)  
This notice affects Electronic Navigational Chart: CA570567  
48°36'18.0"N 123°21'46.1"W  
DFO(6204594-04)

Add yellow cautionary lighted can buoy FI Y, marked Priv  
(See Chart No. 1, Qm)  
This notice affects Electronic Navigational Chart: CA570567  
48°36'15.3"N 123°21'53.1"W  
DFO(6204594-05)

Delete depth of 1.9 metres  
(See Chart No. 1, I10)  
48°41'18.3"N 123°24'18.5"W  
DFO(6204596-04)

Add rock which covers and uncovers with drying height of 0.2 metre  
(See Chart No. 1, K11)  
This notice affects Electronic Navigational Chart: CA570567  
48°41'17.7"N 123°24'19.1"W  
DFO(6204596-05)

Add rock which covers and uncovers with drying height of 0.4 metre  
(See Chart No. 1, K11)  
This notice affects Electronic Navigational Chart: CA570567  
48°41'18.7"N 123°24'14.5"W  
DFO(6204596-06)

**3479 - Iroquois Passage and/et John Passage - New Chart - 18-MAY-2007 - NAD 1983**  
20-MAY-2022

LNMD. 29-OCT-2021

Delete depth of 2.7 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA570567  
48°41'15.3"N 123°24'23.5"W  
DFO(6204596-02)

Add depth of 1.7 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA570567  
48°41'15.7"N 123°24'24.2"W  
DFO(6204596-03)

Add	rock which covers and uncovers with drying height of 0.2 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570567	48°41'17.7"N 123°24'19.1"W	<i>DFO(6204596-05)</i>
Add	rock which covers and uncovers with drying height of 0.4 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570567	48°41'18.7"N 123°24'14.5"W	<i>DFO(6204596-06)</i>
<b>3513 - Strait of Georgia, Northern Portion/Partie Nord - New Edition - 29-OCT-1999 - NAD 1983</b>			
06-MAY-2022			LN/D. 18-MAR-2022
Add	Capilano to charted Wk (See Chart No. 1, K26) This notice affects Electronic Navigational Chart: CA370016	49°52'06.7"N 124°48'32.0"W	<i>DFO(6204593-01)</i>
<b>3543 - Cordero Channel - New Edition - 27-NOV-1992 - NAD 1983</b>			
27-MAY-2022			LN/D. 28-AUG-2020
Delete	radar reflector against light (See Chart No. 1, S4)	50°20'00.6"N 125°26'25.9"W	<i>LL(PAC518) DFO(6204518-01)</i>
<b>3604 - Nootka Sound to/à Quatsino Sound - New Edition - 06-NOV-1987 - NAD 1927</b>			
06-MAY-2022			LN/D. 06-NOV-2020
Delete	subsurface Ocean Data Acquisition System (ODAS) with known depth of 88 metres (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA370424	50°13'58.9"N 128°02'38.3"W	<i>DFO(6204589-02)</i>
<b>3605 - Quatsino Sound to/à Queen Charlotte Strait - New Edition - 06-MAR-1998 - NAD 1983</b>			
06-MAY-2022			LN/D. 28-MAY-2021
Delete	subsurface Ocean Data Acquisition System (ODAS) with known depth of 40 metres (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA370165	51°07'37.4"N 129°28'28.3"W	<i>DFO(6204589-10)</i>
<b>3623 - Kyuquot Sound to/à Cape Cook - New Edition - 26-AUG-1977 - NAD 1927</b>			
06-MAY-2022			LN/D. 07-FEB-2020
Delete	subsurface Ocean Data Acquisition System (ODAS) with known depth of 48 fathoms (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA470431	50°13'58.9"N 128°02'38.3"W	<i>DFO(6204589-03)</i>
<b>3624 - Cape Cook to Cape Scott - New Edition - 19-AUG-1988 - NAD 1927</b>			
06-MAY-2022			LN/D. 07-FEB-2020
Delete	subsurface Ocean Data Acquisition System (ODAS) with known depth of 48 fathoms (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA470431	50°13'58.9"N 128°02'37.9"W	<i>DFO(6204589-03)</i>

**3646 - Ucluelet Inlet - New Edition - 30-JUN-1995 - NAD 1983**

20-MAY-2022

LNMD. 01-APR-2022

Add	rock awash at chart datum (See Chart No. 1, K12) This notice affects Electronic Navigational Chart: CA570226	48°58'16.9"N 125°34'54.5"W  <i>DFO(6204545-01)</i>
Add	depth of 1.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570226	48°58'23.4"N 125°34'48.0"W  <i>DFO(6204545-02)</i>
Add	depth of 1.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570226	48°58'14.8"N 125°34'41.0"W  <i>DFO(6204545-03)</i>
Add	depth of 2.0 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570226	48°58'26.0"N 125°34'31.2"W  <i>DFO(6204545-04)</i>
Add	depth of 1.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570226	48°58'30.3"N 125°34'38.9"W  <i>DFO(6204545-05)</i>
Add	depth of 3.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570226	48°57'08.2"N 125°33'44.7"W  <i>DFO(6204545-06)</i>
Add	depth of 3.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570226	48°57'18.9"N 125°33'25.7"W  <i>DFO(6204545-07)</i>
Affix	patch Download Patch - <a href="https://www.notmar.gc.ca/chsftp/patches/3646_6204545_8_202204211437.pdf">https://www.notmar.gc.ca/chsftp/patches/3646_6204545_8_202204211437.pdf</a> This notice affects Electronic Navigational Chart: CA570226	48°55'00.0"N 125°31'00.0"W  <i>DFO(6204545-08)</i>

**3680 - Brooks Bay - New Edition - 07-APR-1978 - NAD 1927**

06-MAY-2022

LNMD. 07-FEB-2020

Delete	subsurface Ocean Data Acquisition System (ODAS) with known depth of 48 fathoms (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA470431	50°13'58.9"N 128°02'38.1"W  <i>DFO(6204589-03)</i>
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**3727 - Cape Calvert to Goose Island including Fitz Hugh Sound - New Edition - 23-SEP-2016 - World Geodetic System 1984**

06-MAY-2022

LNMD. 14-FEB-2020

Delete	subsurface Ocean Data Acquisition System (ODAS) with known depth of 22 fathoms (See Chart No. 1, L25)	51°42'43.0"N 128°14'09.3"W  <i>DFO(6204589-04)</i>
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**3808 - Juan Perez Sound - New Edition - 30-DEC-2005 - NAD 1983**

06-MAY-2022

LNMD. 21-FEB-2020

Delete subsurface Ocean Data Acquisition System (ODAS) with known depth of 13 metres (See Chart No. 1, L25) 52°31'13.5"N 131°25'52.5"W  
*DFO(6204589-01)*

**3853 - Cape St. James to/à Cumshewa Inlet and/et Tasu Sound - New Edition - 02-MAR-1990 - NAD 1927**

06-MAY-2022

LNMD. 26-NOV-2021

Delete subsurface Ocean Data Acquisition System (ODAS) with known depth of 36 fathoms (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA370497 52°44'43.0"N 130°52'04.4"W  
*DFO(6204589-06)*

**3902 - Hecate Strait - New Edition - 09-DEC-1988 - NAD 1927**

06-MAY-2022

LNMD. 14-AUG-2020

Delete subsurface Ocean Data Acquisition System (ODAS) with known depth of 22 fathoms (See Chart No. 1, L25) 53°06'30.8"N 130°22'54.0"W  
*DFO(6204589-07)*

**3935 - Hakai Passage and Vicinity/et Environs - New Chart - 28-JAN-2000 - NAD 1983**

06-MAY-2022

LNMD. 14-FEB-2020

Delete subsurface Ocean Data Acquisition System (ODAS) with known depth of 40 metres (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA470357 51°42'43.0"N 128°14'09.3"W  
*DFO(6204589-05)*

**3944 - Compartment B-C - New Chart - 21-SEP-2007 - NAD 1983**

06-MAY-2022

LNMD. 28-FEB-2020

Delete subsurface Ocean Data Acquisition System (ODAS) with known depth of 40 metres (See Chart No. 1, L25) This notice affects Electronic Navigational Chart: CA370721, CA470588 53°17'54.0"N 128°53'22.5"W  
*DFO(6204589-08)*

**3956 - Malacca Passage to/à Bell Passage - New Edition - 13-JAN-2017 - World Geodetic System 1984**

06-MAY-2022

LNMD. 15-APR-2022

Delete subsurface Ocean Data Acquisition System (ODAS) with known depth of 38 metres (See Chart No. 1, L25) 54°12'00.0"N 130°38'00.0"W  
*DFO(6204589-11)*

**3957 - Approaches to/Approches à Prince Rupert Harbour - New Edition - 07-OCT-2016 - World Geodetic System 1984**

06-MAY-2022

LNMD. 25-FEB-2022

Delete subsurface Ocean Data Acquisition System (ODAS) with known depth of 38 metres (See Chart No. 1, L25) 54°12'00.0"N 130°38'00.0"W  
*DFO(6204589-11)*

27-MAY-2022 LNM/D. 06-MAY-2022  
 Add private yellow ODAS/SADO lighted super-buoy FI (5) Y 54°20'03.0"N 130°26'59.6"W  
 (See Chart No. 1, Q58)  
 This notice affects Electronic Navigational Chart: CA471112, CA570715  
 DFO(6204604-02)

**3958 - Butze Rapids - New Edition - 13-DEC-2013 - World Geodetic System 1984**

27-MAY-2022 LNM/D. 25-FEB-2022  
 Add rock which covers and uncovers with drying height of 0.2 metre 54°18'09.2"N 130°15'01.7"W  
 (See Chart No. 1, K11)  
 This notice affects Electronic Navigational Chart: CA570715  
 DFO(6204605-02)

Add rock which covers and uncovers with drying height of 1.0 metre 54°18'10.1"N 130°15'00.8"W  
 (See Chart No. 1, K11)  
 This notice affects Electronic Navigational Chart: CA570715  
 DFO(6204605-03)

Add rock which covers and uncovers with drying height of 1.0 metre 54°18'13.2"N 130°14'59.7"W  
 (See Chart No. 1, K11)  
 This notice affects Electronic Navigational Chart: CA570715  
 DFO(6204605-04)

**3958 - Prince Rupert Harbour - New Edition - 13-DEC-2013 - World Geodetic System 1984**

27-MAY-2022 LNM/D. 25-FEB-2022  
 Replace wharf in ruins with legend Ru with wharf joining 54°18'24.4"N 130°20'33.4"W  
 (See Chart No. 1, F33.1, F13) 54°18'25.7"N 130°20'35.5"W  
 54°18'19.3"N 130°20'48.9"W  
 54°18'18.9"N 130°20'48.5"W  
 54°18'19.1"N 130°20'47.8"W  
 54°18'19.4"N 130°20'48.1"W  
 and 54°18'25.2"N 130°20'35.8"W  
 This notice affects Electronic Navigational Chart: CA570715  
 DFO(6204604-01)

Add depth of 1.1 metres 54°17'57.7"N 130°14'35.5"W  
 (See Chart No. 1, I10)  
 This notice affects Electronic Navigational Chart: CA570715  
 DFO(6204605-01)

**3959 - Hudson Bay Passage - New Chart - 11-DEC-1987 - NAD 1983**

06-MAY-2022 LNM/D. 25-DEC-2020  
 Delete subsurface Ocean Data Acquisition System (ODAS) with known depth 54°31'37.5"N 130°32'30.0"W  
 of 13 metres  
 (See Chart No. 1, L25)  
 DFO(6204589-09)

**3963 - Work Channel A-B - New Chart - 26-OCT-1990 - NAD 1983**

06-MAY-2022 LNM/D. 25-DEC-2020  
 Delete subsurface Ocean Data Acquisition System (ODAS) with known depth 54°31'37.5"N 130°32'30.0"W  
 of 13 metres  
 (See Chart No. 1, L25)  
 DFO(6204589-09)

**3977 - Douglas Channel - New Chart - 27-DEC-2013 - World Geodetic System 1984**

06-MAY-2022

LNMD. 28-FEB-2020

Delete subsurface Ocean Data Acquisition System (ODAS) with known depth of 40 metres  
(See Chart No. 1, L25)  
This notice affects Electronic Navigational Chart: CA370721, CA470588  
53°17'54.0"N 128°53'22.5"W  
*DFO(6204589-08)*

**6112 - Rainy Lake/Lac à la pluie Southeast Portion/Partie sud-est Anchor Islands to/à Oakpoint Island - Sheet/Feuille 1 - New Edition - 27-MAY-2005 - NAD 1983**

13-MAY-2022

LNMD. 21-MAR-2008

Amend green port hand spar buoy, marked EM11 to read green port hand can buoy, marked 7  
(See Chart No. 1, Q21)  
48°30'26.6"N 092°37'53.4"W  
*(D2022016) DFO(6604861-01)*

Amend red starboard hand spar buoy, marked EM26 to read red starboard hand conical buoy, marked 8  
(See Chart No. 1, Q20)  
48°30'06.5"N 092°37'46.0"W  
*(D2022017) DFO(6604862-01)*

**6206 - Seven Sisters Falls to/à Slave Falls - Sheet/Feuille 1 - New Edition - 15-SEP-2000 - NAD 1983**

13-MAY-2022

LNMD. 08-DEC-2017

Delete overhead cable with vertical clearance of 24 feet  
(See Chart No. 1, D27)  
between 50°13'43.2"N 095°33'40.5"W  
and 50°13'43.3"N 095°33'22.2"W  
*DFO(6604859-01)*

Amend warning note to read 'Boating beyond this point is prohibited'  
(See Chart No. 1, A14)  
50°13'22.4"N 095°36'14.0"W  
*DFO(6604859-02)*

Add log boom  
(See Chart No. 1, N61)  
joining 50°13'43.6"N 095°33'38.3"W  
50°13'45.8"N 095°33'30.5"W  
and 50°13'50.4"N 095°33'27.5"W  
*DFO(6604859-03)*

Add private white and orange hazard can buoy  
(See Chart No. 1, Qs)  
50°13'19.5"N 095°34'26.8"W  
*DFO(6604859-04)*

Add private white and orange hazard can buoy  
(See Chart No. 1, Qs)  
50°13'18.6"N 095°34'22.8"W  
*DFO(6604859-05)*

Delete 'Danger Sign'  
50°13'42.4"N 095°33'46.5"W  
*DFO(6604859-06)*

Delete danger sign  
50°13'39.8"N 095°33'37.0"W  
*DFO(6604859-07)*

**6207 - Continuation A - Sheet/Feuille 1 - New Edition - 24-MAR-2000 - NAD 1983**

13-MAY-2022

LNMD. 08-DEC-2017

Delete overhead cable with vertical clearance of 24 feet  
(See Chart No. 1, D27)  
between 50°13'43.2"N 095°33'40.5"W  
and 50°13'43.3"N 095°33'22.2"W  
*DFO(6604859-01)*

Amend	warning note to read 'Boating beyond this point is prohibited' (See Chart No. 1, A14)	50°13'39.1"N 095°32'42.8"W <i>DFO(6604859-02)</i>
Add	log boom (See Chart No. 1, N61)	joining 50°13'43.6"N 095°33'38.3"W 50°13'45.8"N 095°33'30.5"W and 50°13'50.4"N 095°33'27.5"W <i>DFO(6604859-03)</i>
Delete	'Danger Sign'	50°13'42.4"N 095°33'46.5"W <i>DFO(6604859-06)</i>
Delete	danger sign	50°13'39.8"N 095°33'37.0"W <i>DFO(6604859-07)</i>

**6212 - Kenora to/à Aulneau Peninsula - New Edition - 28-FEB-2020 - NAD 1983**  
13-MAY-2022

Reposition	yellow ODAS/SADO lighted pillar FI (5) Y (See Chart No. 1, Q58)	from 49°38'16.5"N 094°33'27.5"W to 49°39'18.6"N 094°30'43.8"W (D2021018) LL(1481.5) <i>DFO(6604767-01)</i>
Add	green port hand can buoy, marked W1/1 (See Chart No. 1, Qg)	49°40'19.7"N 094°32'02.9"W <i>DFO(6604787-01)</i>

**6218 - Kenora, Rat Portage Bay - New Edition - 28-FEB-2020 - NAD 1983**  
13-MAY-2022

Add	green port hand can buoy, marked W1/1 (See Chart No. 1, Qg)	49°40'19.7"N 094°32'02.9"W <i>DFO(6604787-01)</i>
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## Section 3: Radio Aids to Marine Navigation Corrections

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### \*520/22 Radio Aids to Marine Navigation 2022 (Atlantic, St. Lawrence, Great Lakes, Lake Winnipeg, Arctic and Pacific)

#### **Page 4-14**

#### **AMEND FOLLOWS:**

#### **4.2.1.3 Maritime Safety Information (MSI)**

Maritime Safety Information broadcasts, which comprise navigational and meteorological warnings, meteorological forecasts and other safety-related messages can be received in four different ways in GMDSS:

- a) NAVTEX receivers are fully automatic and receive broadcasts in coastal regions up to 300 nautical miles offshore;
- b) ~~Inmarsat-C terminals~~ Terminals to receive Enhanced Group Calls (EGC) ~~– SafetyNET broadcasts~~ for areas outside NAVTEX coverage using SafetyNET, SafetyNET II and SafetyCast;
- c) High Frequency Narrow-Band-Direct-Printing (HF NBDP) receivers may be used where service is available to promulgate MSI ~~in areas outside Inmarsat coverage~~; and
- d) VHF marine radio (Sea Area A1) as a medium for obtaining nav/met MSI.

#### **Page 4-21**

#### **AMEND:**

#### **4.2.1.8 Canadian Coast Guard Marine Communications and Traffic Services Centres (MCTS)**

...

To supplement the broadcasting of Maritime Safety Information (MSI) on NAVTEX, Inmarsat, SafetyNET and HF NBDP, MCTS Centres will continue MSI broadcasts using the existing VHF continuous marine broadcast system and MF radiotelephony broadcast at advertised times.

#### **TO READ:**

#### **4.2.1.8 Canadian Coast Guard Marine Communications and Traffic Services Centres (MCTS)**

...

To supplement the broadcasting of Maritime Safety Information (MSI) on NAVTEX, Inmarsat SafetyNET/SafetyNET II, Iridium SafetyCast and HF NBDP, MCTS Centres will continue MSI broadcasts using the existing VHF continuous marine broadcast system and MF radiotelephony broadcast at advertised times.

**Pages 4-66 to 4-67**

**DELETE THE FOLLOWING SECTION:**

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

**REPLACE AS FOLLOWS:**

**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).

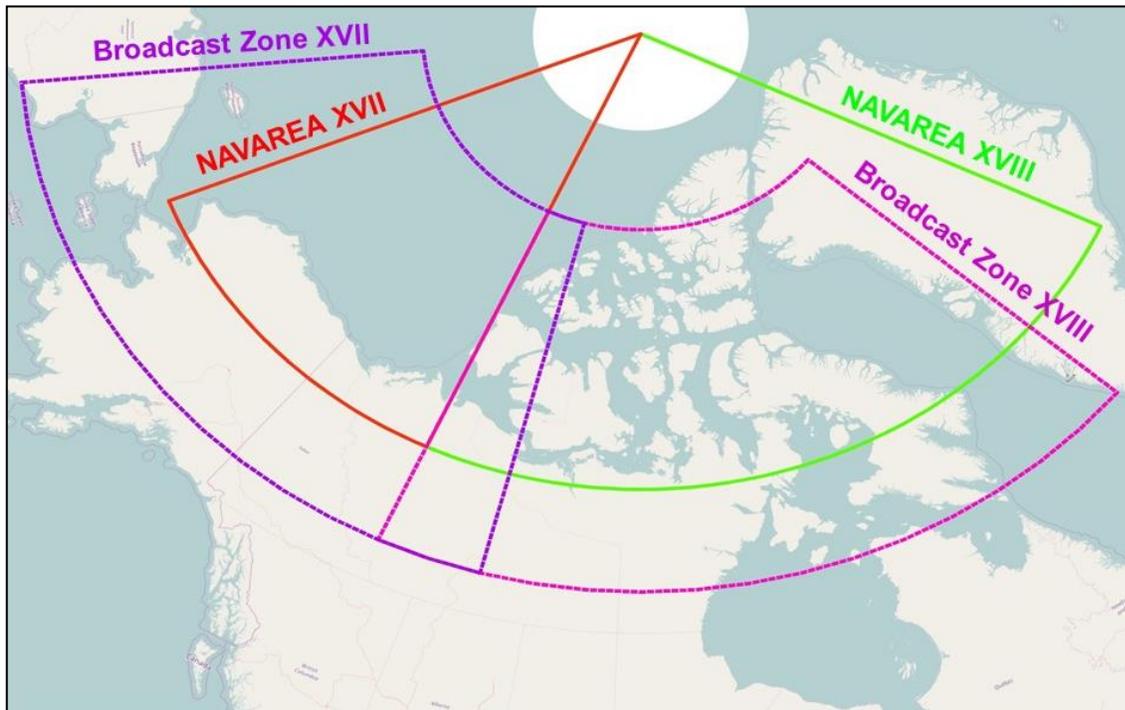
NAVAREA warnings, which contain information specific to ocean going mariners, remain in force until cancelled or promulgated by other means.

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: [Search - Canadian Coast Guard \(ccg-gcc.gc.ca\)](https://www.ccg-gcc.gc.ca)

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

**Figure 4-18 - Canadian NAVAREA Zones and Broadcast Areas**



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 (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	AMER, SafetyCast
1130	NAV XVII	APAC, SafetyCast
1530	HF NBDP	8416.5 kHz*
2300	NAV XVIII	AMER, SafetyCast
2330	NAV XVII	APAC, 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](mailto:navarea17.18@innav.gc.ca)

#### **4.3.3.1.1 SafetyNET**

NAVAREAs XVII and XVIII warnings are broadcast in the English language using the following rectangular areas until SafetyNET Inmarsat-C or Mini-C maritime terminals operating in the arctic waters have been updated:

<b>NAVAREA XVII</b>	<b>NAVAREA XVIII</b>
82°00N 175°00E	82°00N 120°00W
82°00N 120°00W	82°00N 035°00W
62°00N 120°00W	62°00N 035°00W
62°00N 175°00E	62°00N 120°00W

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

Reception of rectangular addressed messages should be automatic providing the ship's position is inside the addressed area. However, mariners should check their manufacturer's operation manuals to obtain information on the setting of their EGC equipment to receive relevant SafetyNET messages.

#### **4.3.3.1.2 SafetyCast**

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 [Iridium SafetyCast service](#), please consult their website or the SafetyCast Manual (MSC.1/Circ.1613).

**Page 4-67**

**ADD AS FOLLOWS:**

**4.3.3.2 NAVAREAS IV and XII**

The National Geospatial-Intelligence Agency (NGA) of the United States of America is responsible for NAVAREAs IV and XII coordination.

NAVAREA IV covers the North Atlantic Ocean West of 35°W and north of 7°N. NAVAREA IV warnings are broadcasts over the Iridium SafetyCast and Inmarsat AMER satellites at 10:00 UTC and 22:00 UTC. Ice reports for the North Atlantic are broadcast at 22:00 UTC. NAVAREA IV warnings are broadcast over HF NBDP from: Boston (NMF) at 01:40 UTC on 6314 kHz, 8416.5 kHz, and 12579 kHz and at 16:30 UTC on 8416.5 kHz, 12579 kHz, and 16806.5 kHz.

NAVAREA XII covers the North Pacific Ocean east of 180° and north of the equator, plus the area north of 3°25'S and east of 120°W. NAVAREA XII warnings are broadcasts over the Iridium SafetyCast and Inmarsat APAC satellites at 10:30 UTC and 22:30 UTC. These messages are broadcast over HF NBDP by Honolulu (NMO) at 03:30 and 17:30 UTC daily, on 8416.5 kHz, 12579 kHz, and 22376 kHz.

...

**Page 5-27**

**AMEND:**

**5.9.7 METAREAs Forecast Transmission**

During the navigation season, met MSI for sections of METAREA XVII and XVIII south of 75°N, and northwestern sections of METAREA IV, is broadcast via Inmarsat-C SafetyNET over Inmarsat's Asia-Pacific (APAC) or Americas (AMER) or Atlantic Ocean Region-West (AOR-W) satellite network. Scheduled broadcast times are:

- METAREA XVII (APAC & AMER) at 03:00 UTC and 15:00 UTC daily.
- METAREA XVIII (AMER & AOR-W) at 03:00 UTC and 15:00 UTC daily.
- Northwestern METAREA IV (AMER) at 03:00 UTC and 15:00 UTC daily.

**TO READ:**

**5.9.7 METAREAs Forecast Transmission**

During the navigation season, met MSI issued for METAREAs XVII and XVIII and northwestern sections of METAREA IV is broadcast via both Iridium SafetyCast and Inmarsat SafetyNET, noting the following:

1. SafetyCast met MSI is broadcast directly into the GMDSS METAREA zones; and
2. SafetyNET met MSI for sections of METAREA XVII and XVIII south of 75°N, and northwestern sections of METAREA IV, is broadcast over Inmarsat's Asia-Pacific (APAC), Americas (AMER) or Atlantic Ocean Region-West (AOR-W) satellite network.

Scheduled broadcast times are:

Broadcast Hour (UTC)	Met MSI Transmission Area	Transmitting Satellite	
03:00 and 15:00 daily	METAREA XVII	Inmarsat (APAC & AMER)	Iridium
03:00 and 15:00 daily	METAREA XVIII	Inmarsat (AMER & AOR-W)	Iridium
03:00 and 15:00 daily	Northwestern METAREA IV	Inmarsat (AMER)	Iridium

## Section 4: Canadian Sailing Directions Corrections

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The following **Canadian Sailing Directions** volumes have recently been updated on the [Canadian Hydrographic Service website](#).

No.	Title
<b>Atlantic Coast</b>	
<b>ATL 110</b>	St. Lawrence River, Cap Whittle / Cap Gaspé to Les Escoumins and Anticosti Island
<b>ATL 112</b>	St. Lawrence River, Cap-Rouge to Montréal and Rivière Richelieu
<b>Pacific Coast</b>	
<b>PAC 201</b>	Juan de Fuca Strait and Strait of Georgia
<b>PAC 202</b>	Discovery Passage to Queen Charlotte Strait and West Coast of Vancouver 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**

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No corrections for this section.