



Fisheries and Oceans  
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Coast Guard

Garde côtière  
canadienne

# Notices to Mariners

**Edition No. 01/2023**  
January 27, 2023



Safety First, Service Always

## Monthly Western Edition

Canada 

Notices to Mariners – Monthly Western Edition  
Edition No. 01/2023

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as represented by the Minister of Fisheries, Oceans  
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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 submit comments and suggestions on possible improvements to the various publications and services: [Notmar.XNCR@dfo-mpo.gc.ca](mailto:Notmar.XNCR@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](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.

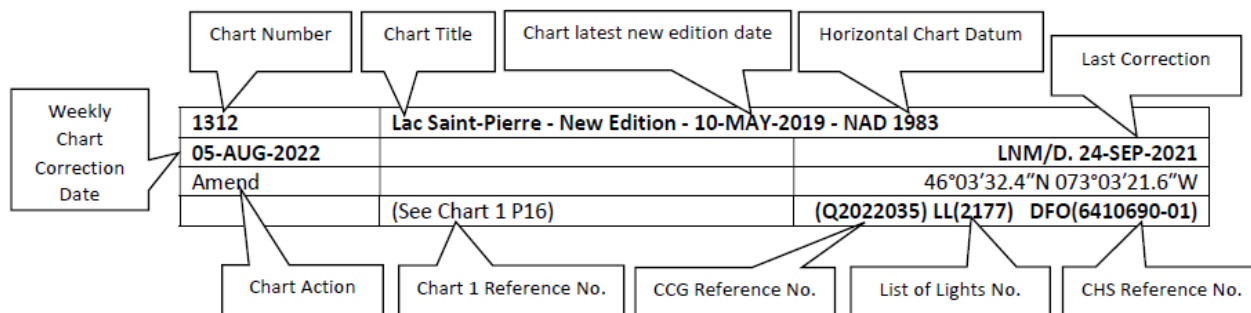
## Explanatory Notes – Canadian Hydrographic Service (CHS)

### 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.

Chart No.	Pages	Chart No.	Pages	Chart No.	Pages
3000	<a href="#">8, 9</a>				
3001	<a href="#">9, 10</a>				
3002	<a href="#">11</a>				
3514	<a href="#">11</a>				
3602	<a href="#">11</a>				
3603	<a href="#">11</a>				
3646	<a href="#">11, 12</a>				
3671	<a href="#">12, 13</a>				
3744	<a href="#">13</a>				
3980	<a href="#">6</a>				
4456	<a href="#">4</a>				
6037	<a href="#">13</a>				

## Section 1: General and Safety Information

### \*401/20 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.)

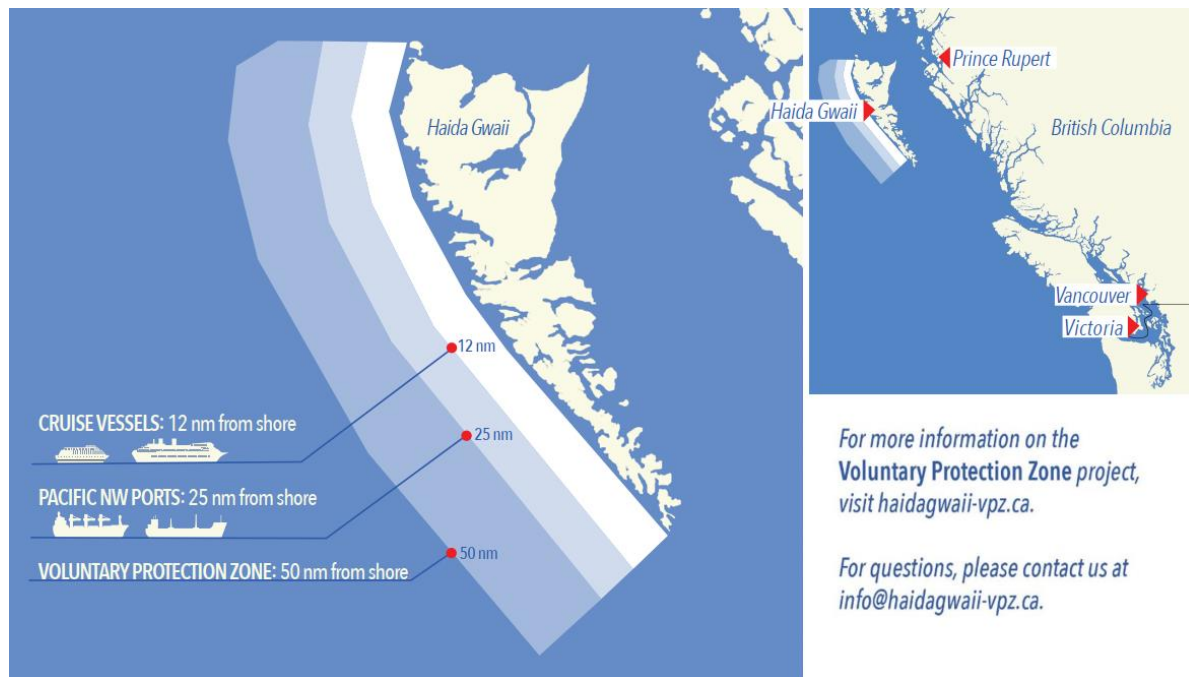
Please refer to the link below for the latest updates to transportation related measures taken by Transport Canada in response to the evolving novel Coronavirus disease (COVID-19):  
<https://www.tc.gc.ca/en/initiatives/covid-19-measures-updates-guidance-tc.html>.

For travel advice and all other updates, please visit: [Canada.ca/coronavirus](https://Canada.ca/coronavirus).

### \*1105/21 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)

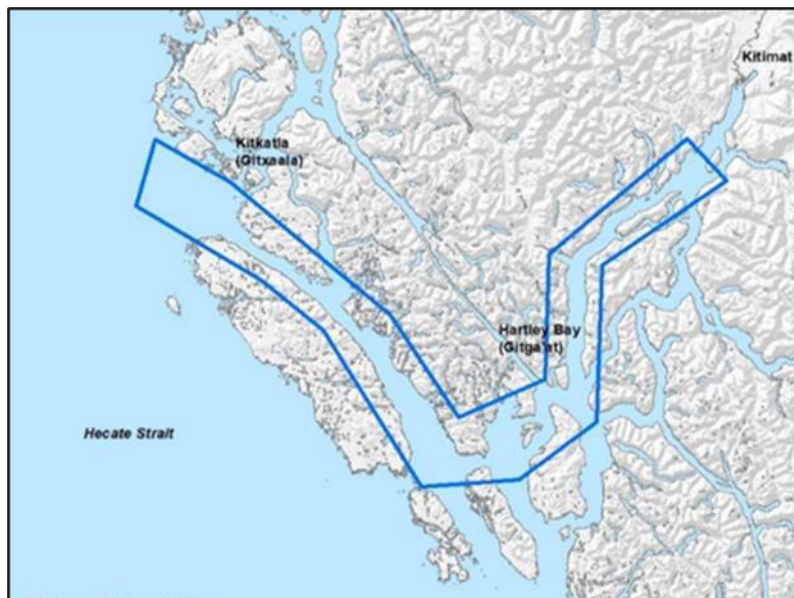
## **\*905/22 Transport Canada – British Columbia North Coast Waterway Management Guidelines**

(Recurrent publication of notice \*905/22, originally published in the *Notices to Mariners – Monthly Western Edition 09/2022* publication.)

The North Coast Waterway Management Guidelines are voluntary guidelines that aim to improve safety on the water by reducing conflicts between First Nations' marine use activities, such as fishing and shoreline harvesting, and commercial vessels on the shipping route between Kitimat and Browning Entrance. The guidelines came into effect on September 1, 2022, and will be reviewed from time to time.

The guidelines apply to all vessels navigating on the route between Kitimat and Browning Entrance, on the north coast of British Columbia. This area includes:

- Douglas Channel
- Wright Sound
- Lewis Passage
- Otter Channel
- Nepean Sound, and
- Principe Channel



**The complete guidelines document is available at the following link:**

[https://www.notmar.gc.ca/publications/monthly/documents/NorthCoastWaterwayManagementGuidelines\\_Sept2022.pdf](https://www.notmar.gc.ca/publications/monthly/documents/NorthCoastWaterwayManagementGuidelines_Sept2022.pdf)

Nothing in these guidelines replaces or changes how we apply any Canadian or international laws or regulations, including the Collision Regulations. Furthermore, nothing in these guidelines prevents or limits the master or pilot of a ship from making any decisions to protect the vessel, the crew, or the marine environment.

The guidelines include information for:

- all vessels that covers:
  - inshore safety zones
  - routing measures
  - speed reductions
  - guidelines for meeting and passing
    - a special operating area in Wright Sound, and
    - guidelines in case of a mechanical or electrical breakdown

- large commercial ships, including bulk carriers, general cargo vessels, liquid bulk vessels, and passenger vessels
- tugs and barges, and
- vessels operating in First Nations Areas of Concern where you must pay special attention to make sure local community users can transit and use the area safely.

**\*1206/22 Canadian Coast Guard – Differential Global Positioning System (DGPS) Service in Canada Permanently Discontinued**

(Recurrent publication of notice \*1206/22, originally published in the *Notices to Mariners – Monthly Western Edition 12/2022* publication.)

As of December 15, 2022, the Canadian Coast Guard has permanently discontinued the provision of its DGPS service across Canada.

Discontinuing this service aligns with Coast Guard’s efforts to modernize marine navigation services and find alternatives to aging DGPS infrastructures.

Today’s GPS meets the needs of international Position, Navigation and Timing (PNT) requirements. Further, for mariners in Canadian waters, there is no carriage requirement for ground or space-based augmentation capability on board vessels for Global Navigation Satellite Systems (GNSS).

Modern GNSS receivers can use the Wide Area Augmentation System (WAAS) as a viable alternative to DGPS. Coast Guard’s technical review of PNT solutions for Canada, and a study of the performance of WAAS found coverage to be excellent throughout Canada, including up to 72’ north latitude in the Arctic.

**\*101/23 Canadian Hydrographic Service – Nautical Charts**

Charts	Main Title	Scale	Published	Cat#	Price
<b>New Editions</b>					
4456	Baie Piashti à/to Petite Île au Marteau	1:70 000	2023-01-13	1	\$20.00

**\*102/23 Canadian Hydrographic Service – Electronic Navigational Charts**

S-57 ENC Number	Chart Title	ENC Compilation Scale	Published
<b>New Charts</b>			
CA473541 (Edn 1.000)	Padloping Island and Approaches / et les Approches	1:32 500	2023-01-20
<b>New Editions</b>			
CA376135 (Edn 8.000)	Cape Pine to/au Cape St. Mary's	1:30 000	2023-01-20
CA376371 (Edn 5.000)	Indian Bay to/à Wadham Islands	1:30 000	2023-01-20
CA476479 (Edn 2.000)	Bay D'Espoir and/et Hermitage Bay	1:25 000	2023-01-20
CA476678 (Edn 2.000)	Strait of Canso	1:15 000	2023-01-13
CA479155 (Edn 13.000)	Sorel à/to Varennes	1:20 000	2023-01-20
CA570073 (Edn 12.000)	Vancouver Harbour Western Portion/Partie Ouest	1:5 000	2023-01-27
CA576592 (Edn 4.000)	Humber Arm, Meadows Point to/à Humber River	1:20 000	2023-01-06

**\*103/23 Transport Canada – Ship Safety Bulletin #31/2022**

A new **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#31/2022](#) – Revised application forms to obtain a safe manning document - apply online – Updated  
December 2022  
RDIMS# 19198081**

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).

## Section 1A: Temporary and Preliminary Notices

### Inland Waters

No notices applicable for this edition.

### Pacific Coast

#### Temporary Notices

##### **\*110/23 Laredo Sound – AIS Unit Removed**

Reference: Notice 610(T)/21 is cancelled (Chart 3980).

Jaffrey Rock light and whistle buoy E64 (LL 622) is no longer equipped with an Automatic Identification System (AIS).

#### Preliminary Notices

No notices applicable for this edition.

### Other (T) & (P) Notices

#### Temporary Notices

##### **\*111(T)/23 Canadian Coast Guard – Automatic Identification System (AIS)**

Reference: Notice \*208(T)/21 is cancelled.

##### **AIS Aids to Navigation (AtoNs)**

Mariners are advised that the Canadian Coast Guard (CCG) is continuing to conduct supervised test beds of AIS AtoNs, with the objective of bringing AIS AtoNs to Full Operational Capability (FOC). Specific information on AIS AtoN test bed sites can be found on the CCG e-Navigation Maritime Information Portal at <https://e-navigation.canada.ca/topics/aids/docs/ais-aton/locations-en>.

Although AIS was originally developed as a collision avoidance tool for vessels, it also allows for the broadcasting of other types of data, such as the AIS AtoN “Message 21” (AIS AtoN Report).

Ships need to be equipped with standard shipborne AIS equipment for the display of AIS messages. The IMO mandatory carriage requirement for the Class “A” AIS display is the Minimum Keyboard Display (MKD), however, the display and use of the AtoN information may require additional hardware and/or software such as an AIS-connected Electronic Chart Display and Information System (ECDIS), Electronic Chart System (ECS), Radar or Portable Pilot Unit (PPU).

As the AIS information available to mariners will be dependent on their display system and its compliance with the latest IMO and IALA standards, some transmitted information may not be displayed or may have a different symbol. Mariners are encouraged to install and upgrade systems that provide AIS overlay on ECDIS, ECS and/or Radar. Mariners should be familiar with the display settings on their vessel’s shipborne equipment.

All geographical positions (latitude and longitude) are based on the WGS 84 datum; time is displayed in Coordinated Universal Time (UTC).

CCG is making every effort to broadcast quality information; however, as with any navigational tool, mariners should not rely on this information as their sole means of navigation.

Mariners are advised to consult the CCG e-Navigation web page on AIS AtoN, accessible at <https://e-navigation.canada.ca/topics/aids/docs/ais-aton/index-en> for pertinent information, including examples of AIS AtoN display and symbology.

Individual NAVWARNs and/or NOTMARs are rarely issued for AIS AtoN trials.

Mariners are requested to provide feedback on the AIS AtoN test beds to the CCG e-Navigation Team at [ccg.enav.gcc@dfo-mpo.gc.ca](mailto:ccg.enav.gcc@dfo-mpo.gc.ca). In addition, mariners who wish to participate in CCG's questionnaire on AIS AtoN are invited to access it at <https://e-navigation.canada.ca/docs/surveys/asm-aton-en>. The collected results will guide the CCG in further developing this information service.

## Section 2: Chart Corrections

**3000 - Juan de Fuca Strait to à Dixon Entrance - New Edition - 20-JAN-1989 - NAD 1927**  
06-JAN-2023

LNMD. 25-NOV-2022

Reposition	yellow ODAS/SADO lighted super-buoy FI(4) Y 20s, marked 46419 (See Chart 1, Q58)	from 48°47'50.6"N 129°36'11.7"W to 48°48'58.0"N 129°36'49.0"W <i>DFO(6204680-01)</i>
Add	Split Seamount	47°39'01.0"N 128°58'54.5"W <i>DFO(6204688-01)</i>
Add	Endeavour Seamount	48°18'34.2"N 128°59'08.0"W <i>DFO(6204688-02)</i>
Replace	Heckle Seamount with Heckle Seamount Chain	48°25'24.0"N 130°17'12.5"W <i>DFO(6204688-03)</i>
Replace	Heck Seamount with Heck Seamount Chain	48°24'42.0"N 129°36'36.5"W <i>DFO(6204688-04)</i>
Add	Unexploded Ordnance/Explosifs non-éclatés	48°36'36.6"N 127°06'10.0"W <i>DFO(6204690-01)</i>
Add	obstruction with known depth of 1103 fathoms (See Chart 1, K41)	48°36'36.6"N 127°03'03.9"W <i>DFO(6204690-02)</i>
Add	Moser Seamount	49°29'01.0"N 136°54'54.5"W <i>DFO(6204692-01)</i>
Add	Moore Seamount	48°48'14.7"N 136°03'41.9"W <i>DFO(6204692-02)</i>
Add	Tucker Seamount	49°48'37.3"N 133°35'51.5"W <i>DFO(6204692-03)</i>
Add	Forster Seamount	48°57'23.0"N 133°49'19.9"W <i>DFO(6204692-04)</i>
Add	Seminole Seamount	49°46'32.2"N 129°41'00.2"W <i>DFO(6204693-01)</i>
Add	Oglala Seamount	50°18'32.3"N 131°24'03.2"W <i>DFO(6204693-02)</i>
Add	Tuzo Wilson Seamounts	51°27'34.1"N 130°59'10.6"W <i>DFO(6204693-03)</i>
Add	Scott Seamount Chain	50°43'27.7"N 131°21'56.3"W <i>DFO(6204693-04)</i>
Reposition	Dellwood Seamount Chain	from 50°34'01.0"N 130°45'01.5"W to 50°49'01.0"N 130°48'09.5"W <i>DFO(6204693-05)</i>
Add	Denson Seamount	54°03'53.6"N 137°08'56.3"W <i>DFO(6204694-01)</i>
Add	Graham Seamount	53°13'30.9"N 134°26'24.7"W <i>DFO(6204694-02)</i>

Add	Oshawa Seamount	52°17'23.0"N 134°02'36.1"W <i>DFO(6204694-03)</i>
Add	Davidson Seamount	53°43'05.9"N 136°25'08.7"W <i>DFO(6204694-04)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 727 fathoms (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA370203	48°36'23.5"N 126°40'14.0"W  <i>DFO(6204696-01)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 834 fathoms (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA370203	48°36'24.4"N 126°49'26.2"W  <i>DFO(6204696-02)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 755 fathoms (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA370208	48°47'01.6"N 126°52'55.7"W  <i>DFO(6204696-06)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1244 fathoms (See Chart 1, L25)	48°31'14.6"N 126°51'51.7"W  <i>DFO(6204696-07)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1416 fathoms (See Chart 1, L25)	48°32'47.7"N 127°04'51.6"W  <i>DFO(6204696-08)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1251 fathoms (See Chart 1, L25)	48°35'11.6"N 126°57'21.6"W  <i>DFO(6204696-09)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1170 fathoms (See Chart 1, L25)	48°39'07.5"N 127°02'57.7"W  <i>DFO(6204696-10)</i>

**3001 - Vancouver Island / Île de Vancouver, Juan de Fuca Strait to/à Queen Charlotte Sound - New Edition - 23-FEB-2001 - NAD 1927**

06-JAN-2023

LNM/D. 02-DEC-2022

Reposition	yellow ODAS/SADO lighted super-buoy FI(4) Y 20s, marked 46419 (See Chart 1, Q58)	from 48°47'50.2"N 129°36'12.4"W to 48°48'58.0"N 129°36'49.0"W <i>DFO(6204680-01)</i>
Add	Endeavour Seamount	48°17'33.5"N 129°03'23.5"W <i>DFO(6204688-02)</i>
Replace	Heck Seamount with Heck Seamount Chain	48°24'41.6"N 129°36'37.2"W <i>DFO(6204688-04)</i>
Add	Unexploded Ordnance/Explosifs non-éclatés	48°36'36.2"N 127°06'10.0"W <i>DFO(6204690-01)</i>



Add	obstruction with known depth of 1103 fathoms (See Chart 1, K41)	48°36'36.2"N 127°03'04.6"W <i>DFO(6204690-02)</i>
Add	Seminole Seamount	49°46'31.8"N 129°41'00.9"W <i>DFO(6204693-01)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 727 fathoms (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA370203	48°36'23.1"N 126°40'14.7"W <i>DFO(6204696-01)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 834 fathoms (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA370203	48°36'24.0"N 126°49'26.9"W <i>DFO(6204696-02)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 765 fathoms (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA370203	48°41'33.7"N 126°47'04.1"W <i>DFO(6204696-05)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 755 fathoms (See Chart 1, L25) This notice affects Electronic Navigational Chart: CA370208	48°47'01.2"N 126°52'56.4"W <i>DFO(6204696-06)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1244 fathoms (See Chart 1, L25)	48°31'14.2"N 126°51'52.4"W <i>DFO(6204696-07)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1416 fathoms (See Chart 1, L25)	48°32'47.3"N 127°04'52.3"W <i>DFO(6204696-08)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1251 fathoms (See Chart 1, L25)	48°35'11.2"N 126°57'22.3"W <i>DFO(6204696-09)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1170 fathoms (See Chart 1, L25)	48°39'07.1"N 127°02'58.4"W <i>DFO(6204696-10)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 733 fathoms (See Chart 1, L25)	48°38'49.0"N 126°52'20.1"W <i>DFO(6204696-11)</i>
Add	subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 716 fathoms (See Chart 1, L25)	48°40'21.1"N 126°55'03.3"W <i>DFO(6204696-13)</i>

**3002 - Queen Charlotte Sound to Dixon Entrance - New Edition - 16-DEC-1994 - NAD 1927**

06-JAN-2023

LNMD. 02-DEC-2022

Add Tuzo Wilson Seamounts

51°27'34.0"N 130°59'10.2"W  
DFO(6204693-03)

**3514 - Jervis Inlet - New Edition - 02-AUG-1996 - NAD 1983**

13-JAN-2023

LNMD. 08-OCT-2021

Affix patch

49°46'45.0"N 124°10'00.0"W

Download Patch - [https://www.notmar.gc.ca/chsftp/patches/3514\\_6204681\\_1\\_202212121410.pdf](https://www.notmar.gc.ca/chsftp/patches/3514_6204681_1_202212121410.pdf)

This notice affects Electronic Navigational Chart: CA470095

DFO(6204681-01)

**3602 - Approaches to/Approches à Juan de Fuca Strait - New Edition - 29-NOV-2002 - NAD 1983**

06-JAN-2023

LNMD. 11-NOV-2022

Add subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1330 metres  
(See Chart 1, L25)

48°36'22.5"N 126°40'19.5"W

This notice affects Electronic Navigational Chart: CA370203

DFO(6204696-01)

Add subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1525 metres  
(See Chart 1, L25)

48°36'23.4"N 126°49'31.7"W

This notice affects Electronic Navigational Chart: CA370203

DFO(6204696-02)

Add subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1370 metres  
(See Chart 1, L25)

48°38'41.0"N 126°50'48.6"W

This notice affects Electronic Navigational Chart: CA370203

DFO(6204696-03)

Add subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1290 metres  
(See Chart 1, L25)

48°39'42.5"N 126°50'18.5"W

This notice affects Electronic Navigational Chart: CA370203

DFO(6204696-04)

Add subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1400 metres  
(See Chart 1, L25)

48°41'33.1"N 126°47'08.9"W

This notice affects Electronic Navigational Chart: CA370203

DFO(6204696-05)

**3603 - Ucluelet Inlet to Nootka Sound - New Edition - 23-OCT-1981 - NAD 1927**

06-JAN-2023

LNMD. 02-DEC-2022

Add subsurface Ocean Data Acquisition System ODAS/SADO with known depth of 1380 metres  
(See Chart 1, L25)

48°47'01.3"N 126°52'55.9"W

This notice affects Electronic Navigational Chart: CA370208

DFO(6204696-06)

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

13-JAN-2023

LNMD. 30-DEC-2022

Delete depth of 3.2 metres  
(See Chart 1, I10)

48°49'47.2"N 125°07'18.0"W

This notice affects Electronic Navigational Chart: CA570227

DFO(6204691-01)

Add	depth of 0.7 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA570227	48°49'47.4"N 125°07'19.0"W  <i>DFO(6204691-02)</i>
Add	depth of 0.7 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA570227	48°50'12.7"N 125°08'40.8"W  <i>DFO(6204691-03)</i>
Add	depth of 1.9 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA570227	48°50'11.3"N 125°08'41.5"W  <i>DFO(6204691-04)</i>
Add	depth of 0.8 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA570227	48°50'04.9"N 125°08'48.7"W  <i>DFO(6204691-05)</i>
Delete	depth of 2.6 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA570227	48°49'46.0"N 125°09'09.3"W  <i>DFO(6204691-06)</i>
Add	depth of 1.4 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA570227	48°49'46.0"N 125°09'09.1"W  <i>DFO(6204691-07)</i>
Add	rock which covers and uncovers with drying height of 0.7 metres (See Chart 1, K11) This notice affects Electronic Navigational Chart: CA570227	48°49'38.5"N 125°09'15.9"W  <i>DFO(6204691-08)</i>
Add	depth of 0.7 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA570227	48°49'38.6"N 125°09'18.8"W  <i>DFO(6204691-09)</i>
Add	depth of 1.5 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA570227	48°49'34.1"N 125°09'21.8"W  <i>DFO(6204691-10)</i>
Delete	depth of 2.6 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA570227	48°49'38.3"N 125°09'17.0"W  <i>DFO(6204691-11)</i>
<b>3671 - Barkley Sound - New Edition - 04-NOV-2005 - NAD 1983</b> 13-JAN-2023		LNM/D. 30-DEC-2022
Add	depth of 1.6 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA470167	48°53'22.2"N 125°01'53.2"W  <i>DFO(6204691-12)</i>
Add	depth of 0.2 metres (See Chart 1, I10) This notice affects Electronic Navigational Chart: CA470338	48°51'35.7"N 125°06'29.1"W  <i>DFO(6204691-14)</i>

Add depth of 0.8 metres 48°51'41.5"N 125°06'26.6"W  
(See Chart 1, I10)  
This notice affects Electronic Navigational Chart: CA470338  
DFO(6204691-15)

**3744 - Queen Charlotte Sound - New Edition - 20-MAY-1988 - NAD 1927**  
06-JAN-2023

LNMD. 02-DEC-2022

Add Tuzo Wilson Seamounts 51°27'33.8"N 130°59'10.1"W  
DFO(6204693-03)

**6037 - Iron Island to à West Bay - New Edition - 17-JUN-2005 - NAD 1983**  
20-JAN-2023

Delete front range/leading light FR 7m, FI R 46°19'11.0"N 079°58'05.0"W  
(See Chart 1, P20.2)  
(D2022056) LL(1442) DFO(6604977-01)

Delete rear range/leading light FR 10m with leading line and bearings 128½° - between 46°19'11.6"N 079°58'04.8"W  
308½° and 46°18'25.2"N 079°56'41.2"W  
(See Chart 1, P20.2, Pa)  
(D2022057) LL(1443) DFO(6604978-01)

Delete green port hand lighted spar buoy FI G, marked AA1 46°18'30.0"N 079°56'50.2"W  
(See Chart 1, Qc)  
(D2022058) LL(1441) DFO(6604979-01)

Add green port hand lighted pillar buoy Q G, marked AA1 46°18'33.8"N 079°57'02.3"W  
(See Chart 1, Qc)  
(D2022058) LL(1441) DFO(6604979-02)

Delete green port hand spar buoy, marked A3 46°18'52.9"N 079°57'32.6"W  
(See Chart 1, Qc)  
(D2022061) DFO(6604982-01)

Add green port hand lighted spar buoy FI G, marked A3 46°18'52.7"N 079°57'30.6"W  
(See Chart 1, Qc)  
(D2022061) LL(1441.1) DFO(6604982-02)

Delete red starboard hand spar buoy, marked A4 46°18'54.1"N 079°57'30.8"W  
(See Chart 1, Qb)  
(D2022062) DFO(6604983-01)

Add red starboard hand lighted spar buoy FI R, marked A4 46°18'54.1"N 079°57'28.1"W  
(See Chart 1, Qb)  
(D2022062) LL(1441.2) DFO(6604983-02)

Delete green port hand spar buoy, marked A5 46°19'04.0"N 079°57'51.9"W  
(See Chart 1, Qc)  
(D2022063) DFO(6604984-01)

Add green port hand lighted spar buoy FI G, marked A5 46°19'03.2"N 079°57'50.7"W  
(See Chart 1, Qc)  
(D2022063) LL(1441.3) DFO(6604984-02)

Amend red starboard hand spar buoy, marked A6 to read 46°19'04.1"N 079°57'49.9"W  
red starboard hand lighted spar buoy FI R, marked A6  
(See Chart 1, Qb)  
(D2022064) DFO(6604985-01)

Add green port hand spar buoy, marked A7 46°19'11.3"N 079°58'13.6"W  
(D2022065) DFO(6604986-01)

## Section 3: Radio Aids to Marine Navigation Corrections

### \*112/23 Radio Aids to Marine Navigation 2023 (Atlantic, St. Lawrence, Great Lakes, Lake Winnipeg, Arctic and Pacific)

#### Page 5-15

#### AMEND AS FOLLOWS:

Officer / Officier :	Return to / Envoyer à : Daniel Huang / <del>Brent Tompkins</del> Brennan Allen Weather Service Programs / Programmes du service météorologique National Service Operations / Services opérationnels nationaux Meteorological Service of Canada / Service météorologique du Canada Environment and Climate Change Canada / Environnement et Changement climatique Canada P.O. Box / Case Postale 370 Gander, NL A1V 1W7 Fax / Télécopieur : 709-256-6627 Email / Courriel : <a href="mailto:Daniel.Huang@ec.gc.ca">Daniel.Huang@ec.gc.ca</a> / <del><a href="mailto:Brent.Tompkins@ec.gc.ca">Brent.Tompkins@ec.gc.ca</a></del> <a href="mailto:Brennan.Allen@ec.gc.ca">Brennan.Allen@ec.gc.ca</a>
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#### AMEND AS FOLLOWS:

\* Note: Winnipeg, Riverton and Long Point provide continuous broadcast of marine weather forecasts and warnings for the Manitoba Lakes, and of marine weather observations when available. Further information regarding Weatheradio network can be obtained via the Internet at <http://www.ec.gc.ca/meteo-weather/default.asp?lang=En&n=792F2D20-1>,  
<https://www.canada.ca/en/environment-climate-change/services/weatheradio.html>.

## Section 4: Canadian Sailing Directions Corrections

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

No.	Title
<b>Atlantic Coast</b>	
<b>ATL101</b>	Newfoundland, Northeast and East Coasts
<b>ATL102</b>	Newfoundland, East and South Coasts
<b>ATL103</b>	Newfoundland, Southwest Coast
<b>ATL109</b>	Gulf of St. Lawrence (Northeast Portion)
<b>ATL120</b>	Labrador, Camp Islands to Hamilton Inlet (including Lake Melville)
<b>Pacific Coast</b>	
<b>PAC201</b>	Juan de Fuca Strait and Strait of Georgia
<b>PAC202</b>	Discovery Passage to Queen Charlotte Strait and West Coast of Vancouver Island
<b>PAC205</b>	Inner Passage – Queen Charlotte Sound to Chatham Sound
<b>PAC206</b>	Hecate Strait, Dixon Entrance, Portland Inlet and Adjacent Waters and Haida Gwaii
<b>Northern Canada</b>	
<b>ARC403</b>	Western Arctic

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.