



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

Canadian  
Coast Guard

Garde côtière  
canadienne

# NOTICES TO MARINERS PUBLICATION WESTERN EDITION

MONTHLY EDITION N°07  
July 26, 2019



Safety First, Service Always

Published Monthly by the  
**CANADIAN COAST GUARD**  
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## EXPLANATORY NOTES

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

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

**Visibility** of lights is that in clear weather.

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

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

**Distances** may be calculated as follows:

1 nautical mile = 1,852 metres (6,076.1 feet)

1 statute mile = 1,609.3 metres (5,280 feet)

1 metre = 3.28 feet

**Temporary & Preliminary Notices** are indicated by a (T) or a (P) in Section 1, respectively. Please note that Nautical charts are not amended by the Canadian Hydrographic Service for Temporary (T) and Preliminary (P) Notices. It is recommended that mariners chart these corrections in pencil. The list of charts affected by Temporary and Preliminary Notices are revised and promulgated quarterly in Section 1 of the Monthly Edition.

**Please note that, in addition to the temporary and preliminary changes normally advertised as (T) and (P) Notices, there are a few permanent changes to aids to navigation that have been advertised as Preliminary Notices to Mariners while charts are being updated for new editions.**

### Marine Information Report & Suggestion Sheet

Mariners are requested to notify the responsible authorities when new or suspected dangers to navigation are discovered, changes observed in aids to navigation or corrections to publications are seen to be necessary. Such communications can be made using the *Marine Information Report & Suggestion Sheet* inserted on the last page of each monthly edition of *Notices to Mariners*.

### Canadian Hydrographic Service – Information Published in Section 2 of *Notices to Mariners*

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

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

### Canadian Nautical Charts & Publications

A source list of Canadian nautical charts and publications is published in Notice No. 14 of the *Notices to Mariners Annual Edition 2019*. The source supply and the prices effective at the time of printing are listed. For current chart edition dates, please refer to the following website: [www.chs-shc.gc.ca/charts-cartes/paper-papier/index-eng.asp](http://www.chs-shc.gc.ca/charts-cartes/paper-papier/index-eng.asp)

## CHART CORRECTIONS – SECTION 2

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

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

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

	Chart Number	Chart Title	Charts latest new edition date	Horizontal Chart Datum	Last Correction
Weekly chart correction date	1202	Cap Eternité à/to Saint-Fulgence – New Edition – 20-MAY-94 – NAD 1927			
	6-Aug-1999				LN/D 23-Jul-1999
	Add	light Fl G		48°26'36.4"N 70°53'08.6"W	
		(See Chart No 1 P24)	(F2007-107) LL (700)		DFO(6829264-01)
	Chart action	Chart No 1 reference no.	CCG reference no.	List of light no.	CHS reference no.

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

## NOTICES TO MARINERS WEBSITE – MONTHLY EDITIONS, CHART CORRECTIONS, AND CHART PATCHES

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

Users can subscribe for free to the [email notification service](#) to receive notifications when charts of interest are updated, including their patches, as well as when a new monthly edition becomes available online.

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

## ADVISORY NAVIGATIONAL WARNINGS / NOTICES TO SHIPPING

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

These changes are advertised as Navigational Warnings, formerly called Notices to Shipping<sup>1</sup>, that are broadcast by the Canadian Coast Guard, and are then followed up with Notices to Mariners, then charts are updated by hand correction, reprints or new editions.

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

Navigational Warnings are accessible on the applicable regional page on the Canadian Coast Guard e-Navigation Maritime Information Portal at <http://www.marinfo.gc.ca/e-nav>.

The Canadian Hydrographic Service is reviewing the impact of these changes with the Canadian Coast Guard and together are preparing an action plan on the issuing of chart revisions.

For further information, contact your regional Navigational Warning (NAVWARN) Issuing Desk.

### Western Region

#### **Prince Rupert MCTS Centre**

Canadian Coast Guard  
Bag 4444  
Prince Rupert, BC V8J 4K2

Telephone: (250) 627-3070

Email: [NAVWARN.MCTSPRinceRupert@innav.gc.ca](mailto:NAVWARN.MCTSPRinceRupert@innav.gc.ca)

Website: <http://www.marinfo.gc.ca/e-nav>

### Central & Arctic Region

#### **\* Iqaluit MCTS Centre**

*Operational from approximately mid-May until late December.*

Canadian Coast Guard  
P.O. Box 189  
Iqaluit, NU X0A 0H0

#### "A" Series

Telephone: (867) 979-5269

#### "H" Series

Telephone: (867) 979-0310

Facsimile: (867) 979-4264

Email: [NAVWARN.MCTSIqaluit@innav.gc.ca](mailto:NAVWARN.MCTSIqaluit@innav.gc.ca)

Website: <http://www.marinfo.gc.ca/e-nav>

\* Service available in English and French.

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<sup>1</sup> The expression "Notice to Shipping" was changed to "Navigational Warning" in January 2019.

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MONTHLY NOTICES TO MARINERS  
WESTERN EDITION 07/2019  
SECTION 1 – GENERAL AND SAFETY INFORMATION

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**VANCOUVER FRASER PORT AUTHORITY – VERTICAL CLEARANCE OF THE ALEX FRASER BRIDGE**

As of May 9, 2019, the vertical clearance of the Alex Fraser Bridge has been reduced by 3.5 metres - from 57 metres charted vertical clearance to 53.5 metres temporary vertical clearance.

The Vancouver Fraser Port Authority (VFPA) requires that, during freshet period (May 1 through July 31, 2019), a minimum 3 metres overhead safety clearance must be maintained between the highest point of the ship and the underside of the bridge deck, due to increased water levels. As such, all ships intending to transit the Alex Fraser bridge with an air draft in excess of 50 metres, must report the air draft to the VFPA and Pacific Pilotage Authority (PPA) at least 24 hours in advance, and receive approval prior to transit.

**\*702 CANADIAN HYDROGRAPHIC SERVICE – NAUTICAL CHARTS**

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
<b>New Charts</b>					
4301	Canso Harbour to Strait of Canso	1:50 000	31-MAY-2019	1	20.00
5162	Groswater Bay	1:50 000	26-APR-2019	1	20.00
<b>Charts Permanently Withdrawn</b>					
4307	Canso Harbour to / au Strait of Canso				
4308	St. Peters Bay to / à Strait of Canso				
4724	Ticoralak Island to / à Carrington Island				
5140	South Green Island to / à Ticoralak Island				

**\*703 CANADIAN HYDROGRAPHIC SERVICE – ELECTRONIC NAVIGATIONAL CHARTS**

S-57 ENC NUMBER	CHART TITLE
<b>NEW PRODUCTS</b>	
CA476675	Canso Harbour to/à Strait of Canso
CA476734	Groswater Bay
CA476735	Ticoralak Island to/à Green Island
CA576676	Petit-de-Grat Inlet
CA576677	Guysborough Harbour
CA576737	Rigolet
CA676584	Saint John Harbour Docking Chart
<b>WITHDRAWN PRODUCTS</b>	
CA470072	Approaches to/Approches à Vancouver Harbour
CA476216	South Green Island to Ticoralak Island
CA476218	Ticoralak Island to Carrington Island
CA476221	St. Peter's Bay to Strait of Canso
CA476277	Canso Harbour to Strait of Canso
CA576222	Petit-de-Grat Inlet

**\*704 CANADIAN HYDROGRAPHIC SERVICE – RASTER DIGITAL CHARTS (BSB V3)**

CHARTS	MAIN TITLE	SCALE	PUBLISHED
<b>New Charts</b>			
RM-4301	Canso Harbour to Strait of Canso	1:50 000	31-MAY-2019
RM-5162	Groswater Bay	1:50 000	26-APR-2019
RM-5163	Ticoralak Head to/à Green Island	1:50 000	30-MAR-2018
<b>Charts Permanently Withdrawn</b>			
RM-4307	Canso Harbour to / au Strait of Canso		
RM-4308	St. Peters Bay to / à Strait of Canso		
RM-4724	Ticoralak Island to / à Carrington Island		
RM-5140	South Green Island to / à Ticoralak Island		

**\*705 TRANSPORT CANADA – SHIP SAFETY BULLETIN #11/2019**

A new **Ship Safety Bulletin** has recently been posted to the Transport Canada website at [www.tc.gc.ca/ssb-bsn/](http://www.tc.gc.ca/ssb-bsn/).

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

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

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

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

**\*706 CANADIAN COAST GUARD PUBLICATION – AMENDMENTS TO NOTICES TO MARINERS ANNUAL EDITION 2019 - SECTION A2, NOTICE 5: GENERAL GUIDELINES FOR AQUATIC SPECIES AT RISK AND IMPORTANT MARINE MAMMAL AREAS**

A significant number of modifications has been made throughout Notice 5: General Guidelines for Aquatic Species at Risk and Important Marine Mammal Areas. Among the modifications, a section on the **Southern Resident Killer Whale Interim Order** has been added starting on page 17.

Due to the high number of modifications, an exact list of the modifications made to the notice will not be published.

Please refer to the latest version of the notice at the following link:  
<https://www.notmar.gc.ca/publications/annual-annuel/section-a/a5-en.pdf>

\*707 CANADIAN COAST GUARD PUBLICATION – AMENDMENTS TO *NOTICES TO MARINERS ANNUAL EDITION 2019* - SECTION A5, NOTICE 10A: MANDATORY SHIP REPORTING SYSTEM (NON-CANADIAN WATERS)

Page 1:

DELETE AS FOLLOWS:

## 10A Mandatory Ship Reporting System (Non-Canadian Waters)

### 1. General

- 1.1 Chapter V of the Safety of Life at Sea (SOLAS) Convention allows for the introduction of mandatory ship reporting systems adopted by the International Maritime Organization (IMO).
- 1.2 Canadian ships are required to comply with any mandatory ship-reporting system adopted by IMO, which may apply to them and should report to the shore-based authority without delay when entering and, if required, when leaving the area covered by the system.
- 1.3 These systems are located in waters beyond Canadian jurisdiction, and details may be found in the radio aids to navigation publications of the appropriate administrations or in the relevant sections of the Admiralty List of Radio Signals, published by the United Kingdom.

### 2. International Systems

2.1 Those reporting systems currently adopted by IMO are listed below, together with the corresponding administrations:

- ~~Torres Strait Region and the Inner Route of the Great Barrier Reef (Australia)~~
- ~~Off Ushant (France)~~
- ~~In the Great Belt Traffic Area (Denmark)~~
- ~~In the Strait of Gibraltar (Spain, Morocco)~~
- ~~Off Finisterre (Spain)~~
- ~~In the Straits of Malacca and Singapore (Malaysia, Singapore)~~
- ~~In the Strait of Bonifacio (Italy, France)~~
- ~~The Dover Strait/Pas de Calais~~
- ~~Systems for protecting North Atlantic right whales in sea areas off the North-Eastern and South-Eastern Coasts of the United States.~~

\*708 **CANADIAN COAST GUARD PUBLICATION – AMENDMENTS TO *NOTICES TO MARINERS ANNUAL EDITION 2019* - SECTION A6, NOTICE 13: CHARTS AND NAUTICAL PUBLICATIONS REGULATIONS 1995, AND PROVISIONAL LIST OF CHARTS**

**Page 2:**

**AMEND AS FOLLOWS:**

**IMPORTANT SAFETY NOTICE ABOUT THE RELIABLE OPERATION OF ALL ECDIS**

The Maritime Safety Committee (MSC) of the International Maritime Organization (IMO) approved a consolidated guidance circular MSC.1/Circ.1503, the ECDIS - Guidance for Good Practice, concerning maintenance and potential display anomalies in ECDIS systems. An electronic copy of this circular can be downloaded from the Organization's website at <http://www.imo.org/OurWork/Circulars/Pages/Home.aspx>.

The International Hydrographic Organization (IHO) issued an ENC Data Presentation and Performance Check in October 2011. This check is intended to assist mariners and to help determine the extent of the issues. Reports from sea received by the IHO confirm that a number of manufacturers' ECDIS fail to display some significant underwater features in the "Standard" display mode. In order that all significant objects are visible to the mariner, these ECDIS must be operated in "Full display" or "All display" mode until a software upgrade is made available by the manufacturer. Mariners are strongly recommended to use the IHO ENC Data Presentation and Performance Check issued through ENC service providers and also available directly from the IHO website (<http://www.iho.int>) to check the operation of their ECDIS and to determine whether their system is affected.

**ECDIS Data Presentation and Performance Check for Mariners**

In accordance with the guidance provided by the International Maritime Organization in Circular MSC.1/Circ.1503 as amended, ECDIS systems are expected to operate with Edition 4.0 of the IHO ECDIS Presentation Library from 1 September 2017.

An ECDIS type approval certificate showing conformance with tests in Edition 4.0 of IEC 61174 demonstrates that the ECDIS operates with Edition 4.0 of the IHO ECDIS Presentation Library and therefore that the ECDIS does not have any of the identified ENC display anomalies.

An ECDIS type-approved in accordance with previous editions of IEC 61174 should also be operating with Edition 4.0 of the IHO ECDIS Presentation Library. If not it should be updated in order to comply with IMO guidance and to be free of any identified ENC display anomalies.

The subsequent guidance [here](#) describes the method by which mariners may check the ECDIS displays for the new ENC symbols contained in Edition 4.0 of the Presentation Library. The checks should be run at least once after installing an ECDIS. A re-run is recommended only after a software update, system upgrade or change of equipment.

**If you detect any anomaly in the display**, please contact the provider of the ECDIS and inform the IHO at [info@iho.int](mailto:info@iho.int).

**\*709 CANADIAN COAST GUARD PUBLICATION – AMENDMENTS TO NOTICES TO MARINERS ANNUAL EDITION 2019 - SECTION C, NOTICE 27A: GUIDELINES FOR THE TRANSIT OF WIDE-BEAM VESSELS AND LONG VESSELS**

*Please note: In addition to the correction below, some small formatting modifications were made throughout this notice. The latest version of this notice can be found at the following link:*

<https://www.notmar.gc.ca/publications/annual-annuel/section-c/c27a-en.pdf>

**Page 6:**

**DELETE AS FOLLOWS:**

Notwithstanding the preceding, all vessels should be capable to reduce their speed if necessary in order to allow the coordination of the meetings between ships and conform to the voluntary measures of speed reduction.

~~Cancels notships Q801 and Q828~~

~~Cancels notship Q0545/2012.~~

~~Cancels Notice to Mariners 617(T).~~

**NOTE:** You can preview the segment by following these links:

**\*710 CANADIAN COAST GUARD PUBLICATION – AMENDMENTS TO NOTICES TO MARINERS ANNUAL EDITION 2019 - SECTION C, NOTICE 27B: GENERAL INFORMATION ABOUT ANCHORAGE AT POINTE SAINT-JEAN AND SAINT-VALLIER**

**Page 1:**

**AMEND AS FOLLOWS:**

**Conditions of use**

Effective December 1st 2012, the following measures shall apply to the anchorage of Saint-Jean (position: 46°54.7'N 070°52.5'W):

- The vessel shall obtain the authorization from the **closest** Marine Communications and Traffic Services;
- Anchorage will not be authorized in winter when it will be established that the current weather and ice conditions or the short-term forecast will be a threat for the safety of the vessel, the navigation and the environment;
- **Short-term anchorage (less than 24 hours);**
- ~~The~~ Priority will be given to ~~the~~ deep draft vessels.

~~Short-term anchorage (less than 24 hours)~~

**2 SAINT-VALLIER ANCHORAGE**

*Reference: Chart 1317*

**Conditions of use**

Effective December 1st 2012, the following measures shall apply to the anchorage of Saint-Vallier (position: 46°55.6'N 070°49.3'W):

- The vessel shall obtain the authorization from the **closest** Marine Communications and Traffic Services;
- Anchorage will not be authorized in winter when it will be established that the current weather and ice conditions or the short-term forecast will be a threat for the safety of the vessel, the navigation and the environment;

\*711 **CANADIAN COAST GUARD PUBLICATION – AMENDMENTS TO *NOTICES TO MARINERS ANNUAL EDITION 2019* - SECTION C, NOTICE 27C: UNDER KEEL CLEARANCE TABLE**

**Page 1:**

**AMEND AS FOLLOWS:**

**1. CONTAINER SHIPS**

**ST. LAWRENCE RIVER, QUEBEC TO MONTREAL**

**Changing Table: Effective on: 2013-04-01**

The actual amendment establishes new parameters for vessels width between 40.0 m and 44.0 m. To promote safety and efficiency of navigation and environmental protection, the Marine Communications and Traffic Services Officer (MCTSO) has the power to issue, in some cases, directions to a vessel under section 126 of the **2001** *Canada Shipping Act, 2001*. In exercising its powers, the MCTSO will consider the under-keel clearance for vessels transiting the area above Québec. ~~The Marine Communications and Traffic Services~~ **and** will determine the required under-keel clearance of the ship according to the parameters given in the table below:

**Page 2:**

**AMEND AS FOLLOWS:**

**2. OTHER SHIPS (Other than container ships)**

**ST. LAWRENCE RIVER, QUEBEC TO MONTREAL**

**Changing Table: Effective on: 2013-04-01**

The actual amendment establishes new parameters for vessels width between 40.0 m and 44.0 m. To promote safety and efficiency of navigation and environmental protection, the Marine Communications and Traffic Services Officer (MCTSO) has the power to issue, in some cases, directions to a vessel under section 126 of the **2001** *Canada Shipping Act, 2001*. In exercising its powers, the MCTSO will consider the under-keel clearance for vessels transiting the area above Québec. ~~The Marine Communications and Traffic Services~~ **and** will determine the required under-keel clearance of the ship according to the parameters given in the table below:

MONTHLY NOTICES TO MARINERS  
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SECTION 1 – GENERAL AND SAFETY INFORMATION

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**\*712 CANADIAN COAST GUARD - LIST OF CHARTS AND REFERENCE CHARTS (SECTION 1) AFFECTED BY TEMPORARY AND PRELIMINARY NOTICES**

**IN EFFECT JULY 26, 2019  
(REVISED AND PROMULGATED QUARTERLY)**

2017	909(T)/14	709(T)/18	4241	713(P)/19
2044	1005(T)/15		4277	512(P)/19
2058	809(T)/18		4386	609(P)/19
2060	814(T)/16		4405	513(P)/19
2067	1218(T)/16		4426	514(P)/19 716(T)/19
2077	1011(T)/16		4455	610(P)/19
2085	1205(T)/17	417(T)/19	4615	714(P)/19
2086	1219(T)/16		4622	611(P)/19
2123	309(T)/17		4832	715(P)/19
2181	108(T)/17		4839	612(P)/19
2235	818(T)/16		4863	613(P)/19
2315	515(T)/16		4885	614(P)/19
3540	615(P)/19		6022	1206(T)/17
4235	607(P)/19		6287	113(T)/17
4236	608(P)/19			

MONTHLY NOTICES TO MARINERS  
WESTERN EDITION 07/2019  
SECTION 2 – CHART CORRECTIONS

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**3311 - Port Moody to Howe Sound - Sheet/Feuille 1 - New Edition - 31-DEC-1993 - NAD 1983**

		LNM/D. 24-MAY-2019
12-JUL-2019		
Delete	depth of 0.6 metres (See Chart No. 1, I10)	49°20'37.0"N 123°16'15.0"W  <i>DFO(6204081-01)</i>
Add	depth of 0.3 metres (See Chart No. 1, I10)	49°20'36.2"N 123°16'15.7"W  <i>DFO(6204081-02)</i>
Delete	depth of 6.1 metres (See Chart No. 1, I10)	49°20'28.0"N 123°18'47.0"W  <i>DFO(6204081-03)</i>
Add	depth of 5.2 metres (See Chart No. 1, I10)	49°20'26.4"N 123°18'49.1"W  <i>DFO(6204081-04)</i>
Delete	depth of 1.2 metres (See Chart No. 1, I10)	49°21'51.0"N 123°17'23.0"W  <i>DFO(6204081-05)</i>
Add	depth of 0.7 metres (See Chart No. 1, I10)	49°21'51.4"N 123°17'23.1"W  <i>DFO(6204081-06)</i>
Delete	depth of 7.3 metres (See Chart No. 1, I10)	49°20'38.5"N 123°16'42.0"W  <i>DFO(6204081-07)</i>
Add	depth of 6.7 metres (See Chart No. 1, I10)	49°20'38.8"N 123°16'42.8"W  <i>DFO(6204081-08)</i>
Reposition	yellow traffic separation scheme lighted pillar buoy FI Y with Racon, marked QB (See Chart No. 1, Q61, S3.1) This notice affects Electronic Navigational Chart: CA470004, CA570747	from 49°19'16.0"N 123°12'05.0"W to 49°19'17.5"N 123°12'06.2"W  <i>(P2019072) LL(388) DFO(6204090-01)</i>
26-JUL-2019		LNM/D. 19-JUL-2019
Add	wreck with known depth of 77 metres (See Chart No. 1, K26) This notice affects Electronic Navigational Chart: CA370382	49°20'54.8"N 123°37'35.5"W  <i>DFO(6204066-01)</i>
Amend	note Adjoining Chart/Carte adjacente 3481 to read Adjoining Chart/Carte adjacente 3496 (See Chart No. 1, A20)	outside south border at 123°19'00"W  <i>DFO(6204086-03)</i>
Delete	yellow ODAS/SADO lighted pillar FI (5) Y (See Chart No. 1, Q58) This notice affects Electronic Navigational Chart: CA370382	49°18'06.0"N 123°21'24.0"W  <i>DFO(6204089-01)</i>

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<b>3311 - Howe Sound to/à Pender Harbour - Sheet/Feuille 3 - New Edition - 31-DEC-1993 - NAD 1983</b> 26-JUL-2019		LNM/D. 19-JUL-2019
Add	wreck with known depth of 77 metres (See Chart No. 1, K26) This notice affects Electronic Navigational Chart: CA370382	49°20'54.8"N 123°37'35.5"W  <i>DFO(6204066-01)</i>
<b>3311 - Grief Point to/à Desolation Sound - Sheet/Feuille 5 - New Edition - 31-DEC-1993 - NAD 1983</b> 19-JUL-2019		LNM/D. 12-JUL-2019
Add	depth of 2.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103	50°02'37.6"N 124°49'48.9"W  <i>DFO(6204087-03)</i>
<b>3312 - Desolation Sound - Sheet/Feuille 8 - New Edition - 05-JAN-2007 - NAD 1983</b> 19-JUL-2019		LNM/D. 22-MAR-2019
Add	depth of 1.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103, CA570174	50°04'19.6"N 124°46'45.6"W  <i>DFO(6204087-01)</i>
Add	depth of 2.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103	50°02'37.6"N 124°49'48.9"W  <i>DFO(6204087-03)</i>
<b>3312 - Homfray Channel - Sheet/Feuille 9 - New Edition - 05-JAN-2007 - NAD 1983</b> 19-JUL-2019		LNM/D. 22-MAR-2019
Add	depth of 1.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103, CA570174	50°04'19.6"N 124°46'45.6"W  <i>DFO(6204087-01)</i>
Add	depth of 1.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103	50°05'14.7"N 124°43'35.0"W  <i>DFO(6204087-05)</i>
Add	depth of 2.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103	50°10'23.3"N 124°41'30.7"W  <i>DFO(6204096-01)</i>
Add	depth of 0.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470266	50°11'24.9"N 124°36'53.0"W  <i>DFO(6204096-02)</i>
<b>3312 - Galley Bay - Malaspina Inlet - Sheet/Feuille 12 - New Edition - 05-JAN-2007 - NAD 1983</b> 19-JUL-2019		LNM/D. 22-MAR-2019
Add	depth of 1.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103, CA570174	50°04'19.6"N 124°46'45.6"W  <i>DFO(6204087-01)</i>

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**3312 - Okeover Inlet - Sheet/Feuille 14 - New Edition - 05-JAN-2007 - NAD 1983**  
19-JUL-2019

LNMD. 22-MAR-2019

Add depth of 0.8 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA570174  
49°58'54.5"N 124°41'13.5"W  
*DFO(6204092-01)*

Add depth of 0.7 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA570174  
49°59'03.5"N 124°41'15.6"W  
*DFO(6204092-02)*

**3312 - Lancelot and/et Theodosia Inlets - Sheet/Feuille 15 - New Edition - 05-JAN-2007 - NAD 1983**  
19-JUL-2019

LNMD. 22-MAR-2019

Add depth of 2.3 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA570174  
50°04'52.3"N 124°43'05.4"W  
*DFO(6204093-01)*

Add depth of 1.9 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA570174  
50°03'57.1"N 124°41'43.8"W  
*DFO(6204093-02)*

Add depth of 0.2 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470103, CA570174  
50°04'12.8"N 124°42'21.0"W  
*DFO(6204093-03)*

Add depth of 1.3 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA570174  
50°04'10.6"N 124°42'18.2"W  
*DFO(6204093-04)*

Add wreck with known depth of 18.5 metres  
(See Chart No. 1, K26)  
This notice affects Electronic Navigational Chart: CA570174  
50°04'55.9"N 124°43'10.5"W  
*DFO(6204093-05)*

Delete depth of 1.5 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470103, CA570174  
50°03'56.9"N 124°41'39.2"W  
*DFO(6204093-06)*

Add depth of 1.0 metre  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470103, CA570174  
50°03'57.0"N 124°41'39.8"W  
*DFO(6204093-07)*

**3312 - Pendrell Sound - Waddington - Homfray - Pryce Channels - Sheet/Feuille 16 - New Edition - 05-JAN-2007 - NAD 1983**  
19-JUL-2019

LNMD. 22-MAR-2019

Add depth of 1.7 metres  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470266  
50°18'32.5"N 124°39'54.6"W  
*DFO(6204096-03)*

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Add rock awash at chart datum 50°19'09.1"N 124°42'18.5"W  
(See Chart No. 1, K12)  
This notice affects Electronic Navigational Chart: CA470266  
*DFO(6204096-04)*

**3312 - Discovery Passage - Sheet/Feuille 23 - New Edition - 05-JAN-2007 - NAD 1983**  
19-JUL-2019

LNM/D. 22-MAR-2019

Add depth of 4.3 metres 50°14'57.8"N 125°21'58.9"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470017  
*DFO(6204095-01)*

**3312 - Toba Inlet - Sheet/Feuille 29 - New Edition - 05-JAN-2007 - NAD 1983**  
19-JUL-2019

LNM/D. 22-MAR-2019

Add rock awash at chart datum 50°19'09.1"N 124°42'18.5"W  
(See Chart No. 1, K12)  
This notice affects Electronic Navigational Chart: CA470266  
*DFO(6204096-04)*

**3313 - Trincomali Channel - Sheet/Feuille 17 - New Edition - 02-JAN-2009 - NAD 1983**  
26-JUL-2019

LNM/D. 05-JUL-2019

Delete spoil ground 49°00'12.0"N 123°29'48.0"W  
(See Chart No. 1, N62.1)  
This notice affects Electronic Navigational Chart: CA370145, CA470070  
*DFO(6204083-03)*

Add Spoil ground/Dépôt de déblais, with radius 0.5 nautical miles 49°00'12.0"N 123°29'54.0"W  
(See Chart No. 1, N62.1)  
This notice affects Electronic Navigational Chart: CA370145, CA470070  
*DFO(6204083-04)*

**3313 - Stuart Channel North/Nord - Sheet/Feuille 18 - New Edition - 02-JAN-2009 - NAD 1983**  
05-JUL-2019

LNM/D. 28-JUN-2019

Delete depth of 6.7 metres 49°07'23.3"N 123°46'35.3"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470070, CA570156  
*DFO(6204065-01)*

Add depth of 4.6 metres 49°07'23.5"N 123°46'37.2"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470070, CA570156  
*DFO(6204065-02)*

Add rock which covers and uncovers with drying height of 2.4 metres 49°07'08.7"N 123°46'05.6"W  
(See Chart No. 1, K11)  
This notice affects Electronic Navigational Chart: CA470070, CA570156  
*DFO(6204065-03)*

Add rock which covers and uncovers with drying height of 4 metres 49°07'06.9"N 123°46'02.9"W  
(See Chart No. 1, K11)  
This notice affects Electronic Navigational Chart: CA470070, CA570156  
*DFO(6204065-04)*

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<b>3313 - Approaches to/Approches à Nanaimo - Sheet/Feuille 20 - New Edition - 02-JAN-2009 - NAD 1983</b>		
05-JUL-2019		LNMD. 28-JUN-2019
Delete	depth of 6.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470070, CA570156	49°07'23.3"N 123°46'35.3"W  <i>DFO(6204065-01)</i>
Add	depth of 4.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470070, CA570156	49°07'23.5"N 123°46'37.2"W  <i>DFO(6204065-02)</i>
 <b>3313 - Dodd Narrows - Sheet/Feuille 20 - New Edition - 02-JAN-2009 - NAD 1983</b>		
05-JUL-2019		LNMD. 28-JUN-2019
Add	depth of 4.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570156	49°08'11.9"N 123°49'02.3"W  <i>DFO(6204065-06)</i>
Add	rock which covers and uncovers with drying height of 1.6 metres (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570156	49°08'08.6"N 123°49'01.4"W  <i>DFO(6204065-07)</i>
Add	depth of 2.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570156	49°08'07.9"N 123°49'01.8"W  <i>DFO(6204065-08)</i>
Add	depth of 4.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570156	49°08'05.5"N 123°49'03.6"W  <i>DFO(6204065-09)</i>
Add	rock which covers and uncovers with drying height of 1 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570156	49°08'01.6"N 123°49'03.0"W  <i>DFO(6204065-10)</i>
 <b>3442 - North Pender Island to/à Thetis Island - New Edition - 01-JUL-2005 - NAD 1983</b>		
26-JUL-2019		LNMD. 11-JAN-2019
Delete	spoil ground (See Chart No. 1, N62.1) This notice affects Electronic Navigational Chart: CA370145, CA470070	49°00'12.2"N 123°29'47.8"W  <i>DFO(6204083-03)</i>
Add	Spoil ground/Dépôt de déblais, with radius 0.5 nautical miles (See Chart No. 1, N62.1) This notice affects Electronic Navigational Chart: CA370145, CA470070	49°00'12.0"N 123°29'54.0"W  <i>DFO(6204083-04)</i>
Delete	yellow ODAS/SADO lighted pillar FI (5) Y (See Chart No. 1, Q58) This notice affects Electronic Navigational Chart: CA370145, CA470070	49°01'30.0"N 123°25'48.0"W  <i>DFO(6204089-02)</i>

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**3443 - Thetis Island to/à Nanaimo - New Edition - 20-DEC-2002 - NAD 1983**

05-JUL-2019		LNM/D. 19-OCT-2018
Delete	depth of 6.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470070, CA570156	49°07'23.3"N 123°46'35.3"W  <i>DFO(6204065-01)</i>
Add	depth of 4.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470070, CA570156	49°07'23.5"N 123°46'37.2"W  <i>DFO(6204065-02)</i>
Add	rock which covers and uncovers with drying height of 2.4 metres (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA470070, CA570156	49°07'08.7"N 123°46'05.6"W  <i>DFO(6204065-03)</i>
Add	rock which covers and uncovers with drying height of 4 metres (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA470070, CA570156	49°07'06.9"N 123°46'02.9"W  <i>DFO(6204065-04)</i>

26-JUL-2019

		LNM/D. 05-JUL-2019
Delete	spoil ground (See Chart No. 1, N62.1) This notice affects Electronic Navigational Chart: CA370145, CA470070	49°00'12.8"N 123°29'52.3"W  <i>DFO(6204083-03)</i>
Add	Spoil ground/Dépôt de déblais, with radius 0.5 nautical miles (See Chart No. 1, N62.1) This notice affects Electronic Navigational Chart: CA370145, CA470070	49°00'12.0"N 123°29'54.0"W  <i>DFO(6204083-04)</i>
Delete	yellow ODAS/SADO lighted pillar FI (5) Y (See Chart No. 1, Q58) This notice affects Electronic Navigational Chart: CA370145, CA470070	49°01'30.0"N 123°25'48.0"W  <i>DFO(6204089-02)</i>

**3458 - Approaches to/Approches à Nanaimo Harbour - New Edition - 10-MAR-1995 - NAD 1983**

05-JUL-2019		LNM/D. 29-MAR-2019
Add	depth of 4.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570156	49°08'11.9"N 123°49'02.3"W  <i>DFO(6204065-06)</i>
Add	depth of 2.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570156	49°08'07.9"N 123°49'01.8"W  <i>DFO(6204065-08)</i>
Add	rock which covers and uncovers with drying height of 1 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570156	49°08'01.6"N 123°49'03.0"W  <i>DFO(6204065-10)</i>

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Delete depth of 12.8 metres 49°08'08.5"N 123°49'02.5"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA570156  
*DFO(6204065-11)*

**3463 - Strait of Georgia, Southern Portion/Partie Sud - New Edition - 01-JUL-2005 - NAD 1983**  
26-JUL-2019 LNMD. 24-MAY-2019

Add wreck with known depth of 77 metres 49°20'54.8"N 123°37'35.5"W  
(See Chart No. 1, K26)  
This notice affects Electronic Navigational Chart: CA370382  
*DFO(6204066-01)*

Delete spoil ground 49°15'23.2"N 123°22'05.4"W  
(See Chart No. 1, N62.1)  
This notice affects Electronic Navigational Chart: CA370382  
*DFO(6204083-01)*

Add Spoil ground/Dépôt de déblais, with radius 1 nautical mile 49°15'24.0"N 123°21'54.0"W  
(See Chart No. 1, N62.1)  
This notice affects Electronic Navigational Chart: CA370382  
*DFO(6204083-02)*

Delete spoil ground 49°00'11.8"N 123°29'46.3"W  
(See Chart No. 1, N62.1)  
This notice affects Electronic Navigational Chart: CA370145, CA470070  
*DFO(6204083-03)*

Add Spoil ground/Dépôt de déblais, with radius 0.5 nautical miles 49°00'12.0"N 123°29'54.0"W  
(See Chart No. 1, N62.1)  
This notice affects Electronic Navigational Chart: CA370145, CA470070  
*DFO(6204083-04)*

Delete yellow ODAS/SADO lighted pillar FI (5) Y 49°18'06.0"N 123°21'24.0"W  
(See Chart No. 1, Q58)  
This notice affects Electronic Navigational Chart: CA370382  
*DFO(6204089-01)*

Delete yellow ODAS/SADO lighted pillar FI (5) Y 49°01'30.0"N 123°25'48.0"W  
(See Chart No. 1, Q58)  
This notice affects Electronic Navigational Chart: CA370145, CA470070  
*DFO(6204089-02)*

**3475 - Dodd Narrows - New Edition - 30-DEC-2005 - NAD 1983**  
05-JUL-2019 LNMD. 08-FEB-2019

Add rock which covers and uncovers with drying height of 1.7 metres 49°08'11.6"N 123°49'01.4"W  
(See Chart No. 1, K11)  
This notice affects Electronic Navigational Chart: CA570156  
*DFO(6204065-05)*

Add depth of 4.5 metres 49°08'11.9"N 123°49'02.3"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA570156  
*DFO(6204065-06)*

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Add	rock which covers and uncovers with drying height of 1.6 metres (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570156	49°08'08.6"N 123°49'01.4"W  <i>DFO(6204065-07)</i>
Add	depth of 2.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570156	49°08'07.9"N 123°49'01.8"W  <i>DFO(6204065-08)</i>
Add	depth of 4.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570156	49°08'05.5"N 123°49'03.6"W  <i>DFO(6204065-09)</i>
Add	rock which covers and uncovers with drying height of 1 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570156	49°08'01.6"N 123°49'03.0"W  <i>DFO(6204065-10)</i>
<b>3475 - Dodd Narrows to à Flat Top Islands - New Edition - 30-DEC-2005 - NAD 1983</b>		
05-JUL-2019		LNMD. 08-FEB-2019
Delete	depth of 6.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470070, CA570156	49°07'23.3"N 123°46'35.3"W  <i>DFO(6204065-01)</i>
Add	depth of 4.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470070, CA570156	49°07'23.5"N 123°46'37.2"W  <i>DFO(6204065-02)</i>
Add	rock which covers and uncovers with drying height of 2.4 metres (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA470070, CA570156	49°07'08.7"N 123°46'05.6"W  <i>DFO(6204065-03)</i>
Add	rock which covers and uncovers with drying height of 4 metres (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA470070, CA570156	49°07'06.9"N 123°46'02.9"W  <i>DFO(6204065-04)</i>
Add	depth of 4.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570156	49°08'11.9"N 123°49'02.3"W  <i>DFO(6204065-06)</i>
Add	depth of 2.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570156	49°08'07.9"N 123°49'01.8"W  <i>DFO(6204065-08)</i>
Add	rock which covers and uncovers with drying height of 1 metre (See Chart No. 1, K11) This notice affects Electronic Navigational Chart: CA570156	49°08'01.6"N 123°49'03.0"W  <i>DFO(6204065-10)</i>

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**3475 - Osborn Bay - New Edition - 30-DEC-2005 - NAD 1983**

05-JUL-2019

LNMD. 08-FEB-2019

Delete obstruction with known depth of 10.2 metres  
(See Chart No. 1, K41)  
This notice affects Electronic Navigational Chart: CA570155

48°52'15.0"N 123°38'23.0"W

*DFO(6204077-01)*

**3492 - Roberts Bank - New Edition - 09-DEC-2011 - NAD 1983**

26-JUL-2019

LNMD. 18-AUG-2017

Delete spoil ground  
(See Chart No. 1, N62.1)  
This notice affects Electronic Navigational Chart: CA470005, CA570297

49°00'22.2"N 123°10'20.4"W

*DFO(6204083-05)*

**3496 - Approaches to/Approches à Vancouver Harbour - New Chart - 29-MAR-2019 - World Geodetic System 1984**

12-JUL-2019

Reposition yellow traffic separation scheme lighted pillar buoy FI Y with Racon,  
marked QB  
(See Chart No. 1, Q61, S3.1)  
This notice affects Electronic Navigational Chart: CA470004, CA570747

from 49°19'16.0"N 123°12'05.0"W  
to 49°19'17.5"N 123°12'06.2"W

*(P2019072) LL(388) DFO(6204090-01)*

Amend wreck with known depth of 4.0 metres from half blue to full blue  
(See Chart No. 1, K26)

49°16'55.6"N 123°09'16.9"W

*DFO(6204091-01)*

**3512 - Strait of Georgia, Central Portion/Partie Centrale - New Edition - 25-DEC-1998 - NAD 1983**

26-JUL-2019

LNMD. 26-APR-2019

Add wreck with known depth of 77 metres  
(See Chart No. 1, K26)  
This notice affects Electronic Navigational Chart: CA370382

49°20'54.8"N 123°37'35.5"W

*DFO(6204066-01)*

Delete spoil ground  
(See Chart No. 1, N62.1)  
This notice affects Electronic Navigational Chart: CA370382

49°15'22.1"N 123°22'09.6"W

*DFO(6204083-01)*

Add Spoil ground/Dépôt de déblais, with radius 1 nautical mile  
(See Chart No. 1, N62.1)  
This notice affects Electronic Navigational Chart: CA370382

49°15'24.0"N 123°21'54.0"W

*DFO(6204083-02)*

Amend TRAFFIC SEPARATION  
For the Traffic Separation Scheme in this area, see Chart 3481.  
SÉPARATION DU TRAFIC  
Pour le Dispositif de séparation du trafic dans cette zone, voir la carte 3481.

49°18'53.0"N 123°18'09.0"W

to read  
TRAFFIC SEPARATION  
For the Traffic Separation Scheme in this area, see Chart 3496.  
SÉPARATION DU TRAFIC  
Pour le Dispositif de séparation du trafic dans cette zone, voir la carte 3496.

*DFO(6204086-01)*

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Amend Chart/Carte 3481 to read 49°18'44.0"N 123°17'35.0"W  
Chart/Carte 3496  
(See Chart No. 1, A18) *DFO(6204086-02)*

Delete yellow ODAS/SADO lighted pillar FI (5) Y 49°18'06.0"N 123°21'24.0"W  
(See Chart No. 1, Q58)  
This notice affects Electronic Navigational Chart: CA370382 *DFO(6204089-01)*

**3526 - Howe Sound - New Edition - 01-JUL-2005 - NAD 1983**  
12-JUL-2019

LNM/D. 24-MAY-2019

Delete depth of 0.6 metres 49°20'37.0"N 123°16'15.0"W  
(See Chart No. 1, I10) *DFO(6204081-01)*

Add depth of 0.3 metres 49°20'36.2"N 123°16'15.7"W  
(See Chart No. 1, I10) *DFO(6204081-02)*

Delete depth of 6.1 metres 49°20'28.0"N 123°18'47.0"W  
(See Chart No. 1, I10) *DFO(6204081-03)*

Add depth of 5.2 metres 49°20'26.4"N 123°18'49.1"W  
(See Chart No. 1, I10) *DFO(6204081-04)*

Delete depth of 1.2 metres 49°21'51.0"N 123°17'23.0"W  
(See Chart No. 1, I10) *DFO(6204081-05)*

Add depth of 0.7 metres 49°21'51.4"N 123°17'23.1"W  
(See Chart No. 1, I10) *DFO(6204081-06)*

Delete depth of 7.3 metres 49°20'38.5"N 123°16'42.0"W  
(See Chart No. 1, I10) *DFO(6204081-07)*

Add depth of 6.7 metres 49°20'38.8"N 123°16'42.8"W  
(See Chart No. 1, I10) *DFO(6204081-08)*

Reposition yellow traffic separation scheme lighted pillar buoy FI Y with Racon, 49°19'16.0"N 123°12'05.0"W  
marked QB to 49°19'17.5"N 123°12'06.2"W  
(See Chart No. 1, Q61, S3.1)  
This notice affects Electronic Navigational Chart: CA470004, CA570747  
*(P2019072) LL(388) DFO(6204090-01)*

**3538 - Desolation Sound and/et Sutil Channel - New Edition - 30-DEC-2005 - NAD 1983**  
19-JUL-2019

LNM/D. 01-MAR-2019

Add depth of 1.1 metres 50°04'19.6"N 124°46'45.6"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470103, CA570174  
*DFO(6204087-01)*

MONTHLY NOTICES TO MARINERS  
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Add	depth of 2.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103	50°02'37.6"N 124°49'48.9"W  <i>DFO(6204087-03)</i>
Add	depth of 1.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103	50°05'14.7"N 124°43'35.0"W  <i>DFO(6204087-05)</i>
Add	depth of 0.2 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103, CA570174	50°04'12.8"N 124°42'21.0"W  <i>DFO(6204093-03)</i>
Delete	depth of 1.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103, CA570174	50°03'56.9"N 124°41'39.2"W  <i>DFO(6204093-06)</i>
Add	depth of 1.0 metre (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103, CA570174	50°03'57.0"N 124°41'39.8"W  <i>DFO(6204093-07)</i>
Add	depth of 2.8 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103	50°10'23.3"N 124°41'30.7"W  <i>DFO(6204096-01)</i>
Add	depth of 0.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470266	50°11'24.9"N 124°36'53.0"W  <i>DFO(6204096-02)</i>
<b>3539 - Discovery Passage - New Edition - 30-MAR-2007 - NAD 1983</b>		
19-JUL-2019		LNMD. 01-MAR-2019
Add	depth of 4.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470017	50°14'57.8"N 125°21'58.9"W  <i>DFO(6204095-01)</i>
<b>3541 - Approaches to/Approches à Toba Inlet - New Edition - 29-JUL-1994 - NAD 1983</b>		
19-JUL-2019		LNMD. 11-SEP-2015
Add	depth of 0.6 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470266	50°11'24.9"N 124°36'53.0"W  <i>DFO(6204096-02)</i>
Add	depth of 1.7 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470266	50°18'32.5"N 124°39'54.6"W  <i>DFO(6204096-03)</i>

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Add	rock awash at chart datum (See Chart No. 1, K12) This notice affects Electronic Navigational Chart: CA470266	50°19'09.1"N 124°42'18.5"W  <i>DFO(6204096-04)</i>
<b>3559 - Malaspina Inlet, Okeover Inlet and/et Lancelot Inlet - New Edition - 17-NOV-2006 - World Geodetic System 1984</b>		
		LNMD. 21-SEP-2018
19-JUL-2019		
Add	depth of 1.1 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103, CA570174	50°04'19.6"N 124°46'45.6"W  <i>DFO(6204087-01)</i>
Add	depth of 2.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570174	50°04'41.5"N 124°45'53.7"W  <i>DFO(6204087-02)</i>
Add	depth of 2.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570174	50°04'52.3"N 124°43'05.4"W  <i>DFO(6204093-01)</i>
Add	depth of 1.9 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570174	50°03'57.1"N 124°41'43.8"W  <i>DFO(6204093-02)</i>
Add	depth of 0.2 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103, CA570174	50°04'12.8"N 124°42'21.0"W  <i>DFO(6204093-03)</i>
Add	depth of 1.3 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570174	50°04'10.6"N 124°42'18.2"W  <i>DFO(6204093-04)</i>
Add	wreck with known depth of 18.5 metres (See Chart No. 1, K26) This notice affects Electronic Navigational Chart: CA570174	50°04'55.9"N 124°43'10.5"W  <i>DFO(6204093-05)</i>
Delete	depth of 1.5 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103, CA570174	50°03'56.9"N 124°41'39.2"W  <i>DFO(6204093-06)</i>
Add	depth of 1.0 metre (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA470103, CA570174	50°03'57.0"N 124°41'39.8"W  <i>DFO(6204093-07)</i>

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**3559 - Continuation A - New Edition - 17-NOV-2006 - World Geodetic System 1984**

19-JUL-2019

LNMD. 21-SEP-2018

Add            depth of 0.8 metres  
                  (See Chart No. 1, I10)  
                  This notice affects Electronic Navigational Chart: CA570174

49°58'54.5"N 124°41'13.5"W

*DFO(6204092-01)*

Add            depth of 0.7 metres  
                  (See Chart No. 1, I10)  
                  This notice affects Electronic Navigational Chart: CA570174

49°59'03.5"N 124°41'15.6"W

*DFO(6204092-02)*

Delete          depth of 1.4 metres  
                  (See Chart No. 1, I10)  
                  This notice affects Electronic Navigational Chart: CA570174

49°58'54.5"N 124°41'12.5"W

*DFO(6204092-03)*

**3808 - Juan Perez Sound - New Edition - 30-DEC-2005 - NAD 1983**

19-JUL-2019

LNMD. 07-SEP-2018

Delete          depth of 12.8 metres  
                  (See Chart No. 1, I10)  
                  This notice affects Electronic Navigational Chart: CA470330

52°25'58.5"N 131°14'07.0"W

*DFO(6204069-03)*

Add            depth of 3.4 metres  
                  (See Chart No. 1, I10)  
                  This notice affects Electronic Navigational Chart: CA470330

52°26'00.0"N 131°14'07.5"W

*DFO(6204069-04)*

**3809 - Carpenter Bay to à Burnaby Island - New Edition - 24-AUG-1979 - NAD 1927**

19-JUL-2019

LNMD. 07-DEC-2018

Delete          depth of 1 fathom 5 feet  
                  (See Chart No. 1, I10)  
                  This notice affects Electronic Navigational Chart: CA470380

52°15'59.0"N 131°04'46.0"W

*DFO(6204068-01)*

Add            depth of 0 fathoms 2 feet  
                  (See Chart No. 1, I10)  
                  This notice affects Electronic Navigational Chart: CA470380

52°15'58.0"N 131°04'51.4"W

*DFO(6204068-02)*

Add            depth of 2 fathoms 3 feet  
                  (See Chart No. 1, I10)  
                  This notice affects Electronic Navigational Chart: CA470380

52°15'25.0"N 131°05'05.0"W

*DFO(6204068-03)*

Delete          depth of 6 fathoms 5 feet  
                  (See Chart No. 1, I10)  
                  This notice affects Electronic Navigational Chart: CA470379

52°21'25.7"N 131°18'34.0"W

*DFO(6204069-01)*

Add            depth of 3 fathoms 3 feet  
                  (See Chart No. 1, I10)  
                  This notice affects Electronic Navigational Chart: CA470379

52°21'27.1"N 131°18'34.9"W

*DFO(6204069-02)*

MONTHLY NOTICES TO MARINERS  
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Delete depth of 7 fathoms 52°25'59.2"N 131°14'01.0"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470330  
*DFO(6204069-03)*

Add depth of 1 fathom 5 feet 52°26'00.7"N 131°14'01.5"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470330  
*DFO(6204069-04)*

**6431 - East Channel, Lousy Point to à Tuktoyaktuk Kilometre 1710 / Kilomètre 1766 - New Edition - 14-JAN-2011 - NAD 1983**

05-JUL-2019 LNMD. 21-SEP-2018

Delete front range/leading light F G 16m 69°27'23.9"N 133°00'05.8"W  
(See Chart No. 1, P20.2)  
This notice affects Electronic Navigational Chart: CA573407  
*(A2019006) LL(2507) DFO(6604531-01)*

Delete leading line and bearing 144 ½° -324 ½° between 69°31'24.2"N 133°08'11.6"W  
(See Chart No. 1, M1) and 69°27'21.1"N 133°00'00.0"W  
This notice affects Electronic Navigational Chart: CA573407  
*(A2019006) DFO(6604531-02)*

**7502 - Gulf of Boothia and/et Committee Bay - New Edition - 31-JUL-1998 - NAD 1983**

05-JUL-2019 LNMD. 12-OCT-2018

Add obstruction, depth unknown Rep (2019) 69°55'46.3"N 091°38'52.4"W  
(See Chart No. 1, K40)  
This notice affects Electronic Navigational Chart: CA273274  
*DFO(6604543-01)*

Add obstruction, depth unknown Rep (2019) 69°54'17.9"N 091°29'32.7"W  
(See Chart No. 1, K40)  
This notice affects Electronic Navigational Chart: CA273274  
*DFO(6604543-02)*

Add obstruction, depth unknown Rep (2019) 69°47'58.0"N 091°12'46.7"W  
(See Chart No. 1, K40)  
This notice affects Electronic Navigational Chart: CA273274  
*DFO(6604543-03)*

Add obstruction, depth unknown Rep (2019) 69°41'59.7"N 090°56'47.3"W  
(See Chart No. 1, K40)  
This notice affects Electronic Navigational Chart: CA273274  
*DFO(6604543-04)*

Add obstruction, depth unknown Rep (2019) 69°42'20.8"N 091°13'25.1"W  
(See Chart No. 1, K40)  
This notice affects Electronic Navigational Chart: CA273274  
*DFO(6604543-05)*

Add obstruction, depth unknown Rep (2019) 69°41'22.9"N 091°28'59.8"W  
(See Chart No. 1, K40)  
This notice affects Electronic Navigational Chart: CA273274  
*DFO(6604543-06)*

MONTHLY NOTICES TO MARINERS  
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Add obstruction, depth unknown Rep (2019) 69°37'33.4"N 091°42'48.1"W  
(See Chart No. 1, K40)  
This notice affects Electronic Navigational Chart: CA273274  
*DFO(6604543-07)*

**7663 - Kugmallit Bay - New Edition - 25-APR-1997 - NAD 1983**  
05-JUL-2019

LNMD. 21-JUL-2017

Delete front range/leading light F G 69°27'24.2"N 133°00'05.1"W  
(See Chart No. 1, P20.2)  
This notice affects Electronic Navigational Chart: CA573407  
*(A2019006) LL(2507) DFO(6604531-01)*

Delete leading line and bearing 144 ½° -324 ½° between 69°31'21.3"N 133°08'03.5"W  
(See Chart No. 1, M1) and 69°27'25.3"N 133°00'03.9"W  
This notice affects Electronic Navigational Chart: CA573407  
*(A2019006) DFO(6604531-02)*

**7685 - Tuktoyaktuk Harbour and Approaches/et les approches - New Edition - 13-OCT-2017 - World Geodetic System 1984**  
05-JUL-2019

Delete front range/leading light F G 16m 69°27'23.2"N 133°00'02.8"W  
(See Chart No. 1, P20.2)  
This notice affects Electronic Navigational Chart: CA573407  
*(A2019006) LL(2507) DFO(6604531-01)*

Delete leading line and bearing 144 ½° -324 ½° between 69°31'25.6"N 133°08'15.3"W  
(See Chart No. 1, M1) and 69°27'21.3"N 132°59'58.7"W  
This notice affects Electronic Navigational Chart: CA573407  
*(A2019006) DFO(6604531-02)*

MONTHLY NOTICES TO MARINERS  
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SECTION 3 – RADIO AIDS TO MARINE NAVIGATION CORRECTIONS

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NO CORRECTIONS FOR THIS SECTION.

SECTION 4 – SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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PAC 200 — General Information, Pacific Coast, Second Edition, 2006 —

Chapter 1 — Paragraphs 26, 29, 30, 41, 169 and 170

Delete: the Queen Charlotte Islands

Replace by: Haida Gwaii

(P2019-9.1)

Chapter 1 — Paragraph 41

Delete: Queen Charlotte City

Replace by: the village of Queen Charlotte

(P2019-9.2)

Chapter 1 — Paragraphs 28, 42 and 45

Delete: Queen Charlotte Islands

Replace by: Haida Gwaii

(P2019-9.3)

Chapter 2 — Paragraphs 2 and 101

Delete: the Queen Charlotte Islands

Replace by: Haida Gwaii

(P2019-9.4)

Chapter 2 — Paragraph 10

Delete: “Notice 37 at ... [37\\_e.pdf](#).”

Replace by: Section F, Notice 37.

(P2019-9.5)

Chapter 2 — Paragraph 115

Delete: Queen Charlotte Islands

Replace by: Haida Gwaii

(P2019-9.6)

Chapter 4 — Delete paragraph 83

Replace by: 83 ***Radio Aids to Marine Navigation*** (*Atlantic, St. Lawrence, Great Lakes, Lake Winnipeg, Arctic and Pacific*) is updated each April and amended by the *Navigational Warning (NAVWARN)* service and *Notices to Mariners*, when applicable. *Radio Aids to Marine Navigation* is available online, free of charge, on the *Canadian Coast Guard* website. This publication provides information on radio communications, radio navigational aids services and Vessel Traffic Services provided in Canada by the Canadian Coast Guard. Also included are radio facilities of other government agencies that contribute to marine safety in Canadian waters.

(P2019-9.7)

Chapter 5 — Paragraphs 5, 6, 7, 128, 158, 159 and 187

Delete: Queen Charlotte Islands

Replace by: Haida Gwaii

(P2019-9.8)

SECTION 4 – SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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Chapter 5 — Paragraphs 38, 40, 104, 127, 135 and 152

Delete: the Queen Charlotte Islands

Replace by: Haida Gwaii

(P2019-9.9)

INDEX — Before “Haida Ridge, C5/P12”

Insert: Haida Gwaii, C1/P28

(P2019-9.11)

INDEX — After “Quatsino Canyon, C5/P4”

Delete: Queen Charlotte Islands, C1/P28

(P2019-9.10)

PAC 201 — Juan de Fuca Strait and Strait of Georgia, First Edition, 2012 —

Page IV — **TABLE OF CONTENTS, CHAPTER 4**

Delete: **New Westminster — Fraser Port**

Replace by: **New Westminster**

(P2019-10.1)

Chapter 2 — Paragraph 5

Delete: is a designated public port and its

(P2019-10.2)

Chapter 2 — Paragraph 12

Delete: *Public Works and Government Services Canada*

Replace by: *Public Services and Procurement Canada*

(P2019-10.3)

Chapter 2 — Paragraph 107

Delete: cylindrical

Replace by: square

(P2019-10.4)

Chapter 2 — Paragraph 122

Delete: Inner Harbour

Replace by: the Middle Harbour (*unnamed on chart*)

(P2019-10.5)

Chapter 4 — Paragraph 3

Delete: Fraser River Harbour

Replace by: *Vancouver Fraser Port Authority*

(P2019-10.6)

Chapter 4 — Paragraph 6

Delete: **Fraser River Port**, on the South Arm,

Replace by: The South Arm of the Fraser River

(P2019-10.7)

Chapter 4 — Paragraph 11

Delete: “The lower portion of ... **Fraser River Harbour**. Limits”

Replace by: The South Arm limits

(P2019-10.8)

SECTION 4 – SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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Chapter 4 — Delete paragraphs 12 and 13

Replace by: 12 The navigation jurisdiction of the *Vancouver Fraser Port Authority (VFPA)* includes Burrard Inlet, Port Moody, Indian Arm, English Bay, the Fraser River, the Pitt River, Roberts Bank and Point Roberts.

13 The *Port Information Guide* for the *Port of Vancouver* was established pursuant to Section 56 of the *Canada Marine Act*. The practices and procedures apply to all users in the port, including commercial vessels, recreational vessels, pleasure craft, and tenants. The guide is available on the *Port of Vancouver* website at [www.portvancouver.com/marine-operations/port-information-guide/](http://www.portvancouver.com/marine-operations/port-information-guide/).

13.1 The Operations Centre is the primary contact for the port authority and is open 24 hours a day, seven days a week, 365 days per year.

Operations Centre  
*Port of Vancouver*  
Telephone: +1-604-665-9086  
Email: [harbour\\_master@portvancouver.com](mailto:harbour_master@portvancouver.com)  
Web: [www.portvancouver.com](http://www.portvancouver.com)

13.2 The *Safe Boating Guide – Fraser River* contains information for small vessel and pleasure craft operators. The *Safe Boating Guide* is available on the *Port of Vancouver* website.

(P2019-10.9)

Chapter 4 — After paragraph 23

Insert: 23.1 Fraser River Traffic Control Zone 4 (TCZ-4) procedures are described in the *Port Information Guide*, available on the *Port of Vancouver* website. The Fraser River TCZ-4 is defined as one nautical mile SW of *Sand Heads light* to the east by a line drawn across the Fraser River at New Westminster Quay.

(P2019-10.10)

Chapter 4 — Paragraph 25

Delete: Fraser River Port

Replace by: TCZ-4

(P2019-10.11)

Chapter 4 — Delete paragraph 26

Replace by: 26 There are no permanent designated **anchorages** in TCZ-4 but Tier 1 vessels under pilotage may anchor to hold position while waiting for a berth, or in case of an emergency. For more information, see the *Port Information Guide*.

(P2019-10.12)

Chapter 4 — Paragraphs 28 and 182

Delete: *Public Works and Government Services Canada*

Replace by: *Public Services and Procurement Canada*

(P2019-10.13)

SECTION 4 – SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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Chapter 4 — After paragraph 99

Insert: 99.1 New Westminster Railway Bridge procedures are described in the *Port Information Guide*, available on the *Port of Vancouver* website.

(P2019-10.14)

Chapter 4 — Paragraphs 100, after “Lights may be deactivated upon request by radio.”

Delete: “**Bridge transits:** ... any preceding tow.”

(P2019-10.15)

Chapter 4 — Delete paragraphs 101, 102 and 103.

(P2019-10.16)

Chapter 4 — Paragraph 111

Delete: “**North Fraser Harbour** ... deep-sea port but”

Replace by: The North Arm of the Fraser River

(P2019-10.17)

Chapter 4 — Paragraph 140, after “pass under any part of the bridge.”

Delete: “**General practices for bridge transits:** ... any preceding tow.”

Replace by: 140.1 Vessels requiring a bridge opening may contact the bridge operator on VHF channel 74 and 06; telephone 604-522-5131. Bridge transit procedures are described in the *Port Information Guide*, available on the *Port of Vancouver* website.

(P2019-10.18)

Chapter 4 — Delete paragraphs 141 and 142.

(P2019-10.19)

Chapter 4 — Paragraph 143

Delete: is part of North Fraser Harbour. It

(P2019-10.20)

Chapter 4 — Paragraph 157

Delete: appointment.

Replace by: contacting the Annacis Swing Bridge operator at 604-521-0964.

(P2019-10.21)

Chapter 4 — Paragraph 158

Delete: “Three long blasts ... may also be used.”

Replace by: Bridge transit procedures are described in the *Port Information Guide*, available on the *Port of Vancouver* website.

(P2019-10.22)

Chapter 4 — Paragraph 192

Delete: Fraser River Harbour

Replace by: *Vancouver Fraser Port Authority*

(P2019-10.23)

SECTION 4 – SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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Chapter 4 — After paragraph 196

Insert: 196.1 Pitt River Railway Bridge procedures are described in the *Port Information Guide*, available on the *Port of Vancouver* website.

(P2019-10.24)

Chapter 4 — Delete paragraph 197

Replace by: 197 Vessels requiring a bridge opening may contact the bridge operator on VHF channel 74, telephone 604-941-0079. The 24-hour emergency line telephone number is 1-800-795-7851.

(P2019-10.25)

Chapter 4 — Delete paragraphs 198 and 199.

(P2019-10.26)

Chapter 4 — Paragraph 221

Delete: “*Harbour Operations ... www.portmetrovancover.com.*”

Replace by: *Port Information Guide – Port of Vancouver* at [www.portvancouver.com](http://www.portvancouver.com).

(P2019-10.27)

Chapter 4 — Paragraph 239

Delete: Fraser River Harbour

Replace by: *Vancouver Fraser Port Authority*

(P2019-10.28)

Chapter 5 — Before paragraphs 1 and 2

Delete: 3481

Replace by: 3496

(P2019-10.29)

Chapter 5 — Delete paragraph 3

Replace by: 3 English Bay Routing System (EBRS), First Narrows Traffic Control Zone 1 (TCZ-1) and Second Narrows Traffic Control Zone 2 (TCZ-2) procedures are described in the *Port Information Guide*, available on the *Port of Vancouver* website.

(P2019-10.30)

Chapter 5 — Before paragraph 24, after “3495”

Add: 3496

(P2019-10.31)

Chapter 5 — Paragraph 25

Delete: 3481

Replace by: 3496

(P2019-10.32)

SECTION 4 – SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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Chapter 5 — Delete paragraph 26

Replace by: 26 The *Vancouver Fraser Port Authority (VFPA)* operates the *Port of Vancouver*, which includes Burrard Inlet, Indian Arm, English Bay, the Fraser River, the Pitt River and Roberts Bank.

(P2019-10.33)

Chapter 5 — After paragraph 26

Insert: 26.1 The Operations Centre is the primary contact for the port authority and is open 24 hours a day, seven days a week, 365 days per year.

Operations Centre  
*Port of Vancouver*  
Telephone: +1-604-665-9086  
Email: harbour\_master@portvancouver.com  
Web: www.portvancouver.com

(P2019-10.34)

Chapter 5 — Delete paragraphs 27, 28 and 29

Replace by: 27 The *Port Information Guide* for the *Port of Vancouver* was established pursuant to Section 56 of the *Canada Marine Act*. The practices and procedures apply to all users in the port, including pleasure craft, recreational vessels, and tenants. The guide is available on the *Port of Vancouver* website.

(P2019-10.35)

Chapter 5 — Delete paragraphs 39 and 40

Replace by: 40 **Anchorage**s are available in English Bay (North and South), the Inner Harbour and Indian Arm. Anchorages are listed in Table 5.2. For additional details, see the *Port Information Guide*, available on the *Port of Vancouver* website.

(P2019-10.36)

Chapter 5 — After paragraph 61

Insert: 61.1 The *Safe Boating Guide — Burrard Inlet* contains information for small vessel and pleasure craft operators. The *Safe Boating Guide — Burrard Inlet* is available on the *Port of Vancouver* website.

(P2019-10.37)

Chapter 5 — Delete paragraph 62

Replace by: 62 First Narrows Traffic Control Zone (TCZ-1) procedures are described in the *Port Information Guide*, available on the *Port of Vancouver* website.

(P2019-10.38)

Chapter 5 — Delete paragraph 97

Replace by: 97 Second Narrows Traffic Control Zone (TCZ-2) procedures are described in the *Port Information Guide*, available on the *Port of Vancouver* website.

(P2019-10.39)

SECTION 4 – SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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Chapter 5 — Before paragraph 191

Delete: 3481, 3526, 3534

Replace by: 3526, 3534, 3496

(P2019-10.40)

Chapter 5 — Before paragraph 202

Delete: 3481

Replace by: 3496

(P2019-10.41)

Chapter 5 — Before paragraph 227

Delete: 3481

Replace by: 3496

(P2019-10.42)

Chapter 8 — Paragraph 32

Delete: a Public Harbour and its limits are

(P2019-10.43)

INDEX

Delete: Fraser River Harbour, C4/P11

Delete: Fraser River Port, C4/P6

Delete: North Fraser Harbour, C4/P111

(P2019-10.44)

PAC 206 — Hecate Strait, Dixon Entrance, Portland Inlet and Adjacent Waters, and Haida Gwaii, Second Edition, 2015 —

Chapter 2 — Paragraph 393

Delete: are in the bay opposite **Mouse Creek** (1988).

Replace by: were at one time in the bay opposite **Mouse Creek**.

(P2019-11.1)

Chapter 2 — Delete paragraph 395

Replace by: 395 The K'tzim-a-deen (Khutzeymateen) group of protected areas includes ***Khutzeymateen Park*** (a.k.a. ***Khutzeymateen Grizzly Sanctuary***), *Khutzeymateen Inlet Conservancy (unnamed on the chart)* and *Khutzeymateen Inlet West Conservancy (unnamed on the chart)*. BC Parks, the *Coast Tsimshian First Nations* and the *Gitsi'is Tribe* manage these areas. Visiting is restricted and a permit is required. All vessels must register at the K'tzim-a-deen Ranger Station, which is moored off the north shore close to the head of the inlet.

(P2019-11.2)

INDEX — After “Keyarka Cove, C1/P733”

Insert: **Khutzeymateen Grizzly Sanctuary, C2/P395**

(P2019-11.3)

MONTHLY NOTICES TO MARINERS  
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SECTION 5 – LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

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

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

**VANCOUVER HARBOUR (LL 385.5 – 416.5)**

385.5	Vancouver Approach Cautionary light buoy QA	W. of Point Grey, traffic separation zone. 49 16 34.4 123 19 18.4	Fl Y 4s	.....	.....	Yellow, marked "QA".	Year round.
	<b>Racon - - (G) X &amp; S Bands</b>						Chart: 3496 Edn 07/19 (P19-076)
386.3 G5426.8	Spanish Bank No. 2	Entrance to English Bay. 49 17 21.1 123 14 51.9	Fl(2) R 6s	6.7	5	White cylindrical tower with red band at top, on 9-pile dolphin.	Flash 0.5 s; eclipse 1 s; flash 0.5 s; eclipse 4 s. Year round.
							Chart: 3496 Edn 07/19 (P19-078)
387	Point Grey light and bell buoy Q62	N. of point, entrance to harbour. 49 17 20.4 123 15 58.8	Q R 1s	.....	.....	Red, marked "Q62".	Year round.
							Chart: 3496 Edn 07/19 (P19-079)
387.01 G5426.6	Spanish Bank	49 17 12.9 123 13 34.8	Fl W 4s	6.9	6	White cylindrical tower with red band at top, on 9-pile dolphin.	Year round.
							Chart: 3496 Edn 07/19 (P19-080)
387.2 G5427.2	English Bay Anchorage East	Seaward end of breakwater. 49 16 31.8 123 11 18.1	Q Y 1s	4.9	8	Mast on rail.	Private aid. Year round.
							Chart: 3496 Edn 07/19 (P19-081)
388	Burrard Inlet Cautionary light buoy QB	E. end of Traffic Lane Separator. 49 19 17.5 123 12 06.2	Fl Y 4s	.....	.....	Yellow, marked "QB".	Year round.
	<b>Racon - - (K) X &amp; S Bands</b>						Chart: 3496 Edn 07/19 (P19-072, 082)

**HOWE SOUND (LL 417 – 432)**

418 G5419	Point Cowan	On the point, Vancouver Harbour. 49 20 08.2 123 21 39.0	Q W 1s	20.4	7	White cylindrical tower.	Radar reflector. Year round.
							Chart: 3526 Edn 07/19 (P19-083)
421.2 G5421.35	Grebe Islets	Vancouver Harbour. 49 20 27.9 123 16 33.8	Fl(3) R 12s	7.2	4	White cylindrical tower with red band at top.	Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Radar reflector. Year round.
							Chart: 3496 Edn 07/19 (P19-084)

MONTHLY NOTICES TO MARINERS  
WESTERN EDITION 07/2019

SECTION 5 – LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
421.4 G5421.4	Bird Islet	Vancouver Harbour. 49 21 45.9 123 17 30.9	Fl R 4s	4.5	4	White cylindrical tower with red band at top.	Radar reflector. Year round.  Chart: 3526 Edn 07/19 (P19-085)
422 G5421.5	Lookout Point	On point, Vancouver Harbour. 49 22 36.2 123 17 25.9	Q R 1s	7.0	5	White cylindrical tower with red band at top.	Radar reflector. Year round.  Chart: 3526 Edn 07/19 (P19-086)
<b>TREMBLEUR LAKE (LL 830 – 845)</b>							
830	Middle River Mouth	S. of river's entrance. 54 51 54.7 125 06 52.4	Fl G 4s	4.6	3	Pipe tower on 4-pile dolphin, green-white-black square daymark.	Visible 360°. Seasonal (in place year round).  Chart: N/A Edn 07/19 (P19-075)

**CANADIAN COAST GUARD – MARINE INFORMATION REPORT AND SUGGESTION SHEET**

Name of Ship or Sender: ..... Date: .....

Address of Sender: .....  
Street # Street Name

Town / City: ..... Prov / State: ..... Postal Code / Zip Code: .....

Tel / Fax / E-mail address of sender: .....

Observation Date: ..... Time (UTC): .....

Geographical Position: .....

Coordinate Position: Lat: ..... Long: .....

Position Method:  DGPS  GPS with WAAS  GPS  Radar  Other

Horizontal Datum Used:  WGS 84  NAD 27  Other

Estimated Position Accuracy: .....

Chart #: ..... Datum:  NAD 27  NAD 83

Chart Edition: ..... Last Correction applied: .....

Publications affected (Quote edition and page number): .....

\*Full details (Attach additional sheets as necessary): .....

Mariners are requested to notify the responsible authorities when new or suspected dangers to navigation are discovered, changes are observed in aids to navigation, or corrections to publications are seen to be necessary.

*In the case of new or suspected dangers to navigation, it is important that all details be given in order to aid with future investigations. Items of interest include heights, depths, physical description, type of bottom and equipment method used to position the item. It is helpful to mark details on the chart, which will be promptly replaced by the Canadian Hydrographic Service.*

Reports should be made to the nearest Marine Communications and Traffic Services Centre (MCTS) and should be confirmed in writing to:

Leader, Notices to Mariners  
Canadian Coast Guard  
Department of Fisheries and Oceans  
Montreal, QC H2Y 2E7  
[Notmar.XNCR@dfo-mpo.gc.ca](mailto:Notmar.XNCR@dfo-mpo.gc.ca)

In the case of information concerning aids to navigation or the List of Lights, Buoys and Fog Signals book.

**OR**

Director General, Canadian Hydrographic Service &  
Oceanographic Services  
Department of Fisheries and Oceans  
Ottawa, ON K1A 0E6  
[CHSINFO@dfo-mpo.gc.ca](mailto:CHSINFO@dfo-mpo.gc.ca)

In the case of new or suspected dangers to navigation or where corrections to "Sailing Directions" appear to be necessary.

For general questions on Canadian Coast Guard programs or services, please send an e-mail to:  
[info@dfo-mpo.gc.ca](mailto:info@dfo-mpo.gc.ca)