



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

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Coast Guard

Garde côtière  
canadienne

# NOTICES TO MARINERS PUBLICATION WESTERN EDITION

MONTHLY EDITION N°05  
May 31, 2019



Safety First, Service Always

Published Monthly by the  
**CANADIAN COAST GUARD**  
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Édition mensuelle N°05/2019

## 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				LNM/D 23-Jul-1999
	Add	light FI 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 **LNM/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 05/2019  
SECTION 1 – GENERAL AND SAFETY INFORMATION

**\*501 CANADIAN HYDROGRAPHIC SERVICE – NAUTICAL CHARTS**

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
<b>New Editions</b>					
1312	Lac Saint-Pierre	1:40 000	10-MAY-2019	1	20.00
2047	Clarkson Harbour	1:7 500	03-MAY-2019	3	12.00
<b>Charts Permanently Withdrawn</b>					
3481	Approaches to/Approches à Vancouver Harbour				

**\*502 CANADIAN HYDROGRAPHIC SERVICE – ELECTRONIC NAVIGATIONAL CHARTS**

S-57 ENC NUMBER	CHART TITLE
<b>NEW PRODUCTS</b>	
CA373489	Puvirnitug et les approches / and Approches
CA473497	Coral Harbour and Approches/et les approches
CA476735	Ticoralak Island to/à Green Island
CA576737	Rigolet
CA670734	Crofton
<b>WITHDRAWN PRODUCTS</b>	
CA573373	Puvirnitug

**\*503 CANADIAN HYDROGRAPHIC SERVICE – RASTER DIGITAL CHARTS (BSB V3)**

CHARTS	MAIN TITLE	SCALE	PUBLISHED
<b>New Editions</b>			
RM-1312	Lac Saint-Pierre	1:40 000	10-MAY-2019
RM-1313	Batiscan au/to Lac Saint-Pierre	1:40 000	08-MAR-2019
RM-1314	Donnacona à/to Batiscan	1:40 000	15-MAR-2019
RM-2047	Clarkson Harbour	1:7 500	03-MAY-2019
<b>Charts Permanently Withdrawn</b>			
RM-3481	Approaches to/Approches à Vancouver Harbour		

**\*504 TRANSPORT CANADA – SHIP SAFETY BULLETINS #06, 07, 08 AND 09/2019**

New **Ship Safety Bulletins** have 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 these bulletins, please click on the links below:

[SSB#06/2019](#) – Launch of a new Small Vessel Compliance Program for Fishing Vessels not more than 15 Gross Tonnage  
RDIMS#14071943

[SSB#07/2019](#) – Protecting the North Atlantic right whale: Speed restriction measures in the Gulf of St. Lawrence  
RDIMS#14969660

[SSB#08/2019](#) – New Insurance Requirements for Wreck Removal  
RDIMS#15209221

[SSB#09/2019](#) – Expanding AIS Requirements  
RDIMS#15282379

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).

**\*505 CANADIAN COAST GUARD PUBLICATION – AMENDMENTS TO NOTICES TO MARINERS ANNUAL EDITION 2019 - SECTION A2, NOTICE 5A: GENERAL REGULATORY REQUIREMENTS FOR ALL OCEANS ACT MARINE PROTECTED AREAS**

**Page 13:**

**ADD THE FOLLOWING AT THE BEGINNING OF THE PAGE:**

**1.7 The Banc-des-Américains Marine Protected Area**

The *Banc-des-Américains Marine Protected Area Regulations*, under the *Oceans Act*, were published on March 6, 2019. The full text of the regulations designating this area can be found in the *Canada Gazette, Part II, Vol. 153, No. 5, 439-481* (<http://canadagazette.gc.ca>).

These Regulations constitute the federal portion of the joint Banc-des-Américains Marine Protected Area project, created under the *Canada-Quebec collaborative agreement for establishing a marine protected areas network in Quebec* and the specific Agreement for this project, signed on March 4, 2019.

**Coordinates**

The Regulations establish two management zones within the MPA:

**Zone 1 (core protection zone):** This zone covers an area of 127 km<sup>2</sup>. It covers all of the rocky ridges associated with the American Bank, as well as their escarpments and the surrounding sea floor.

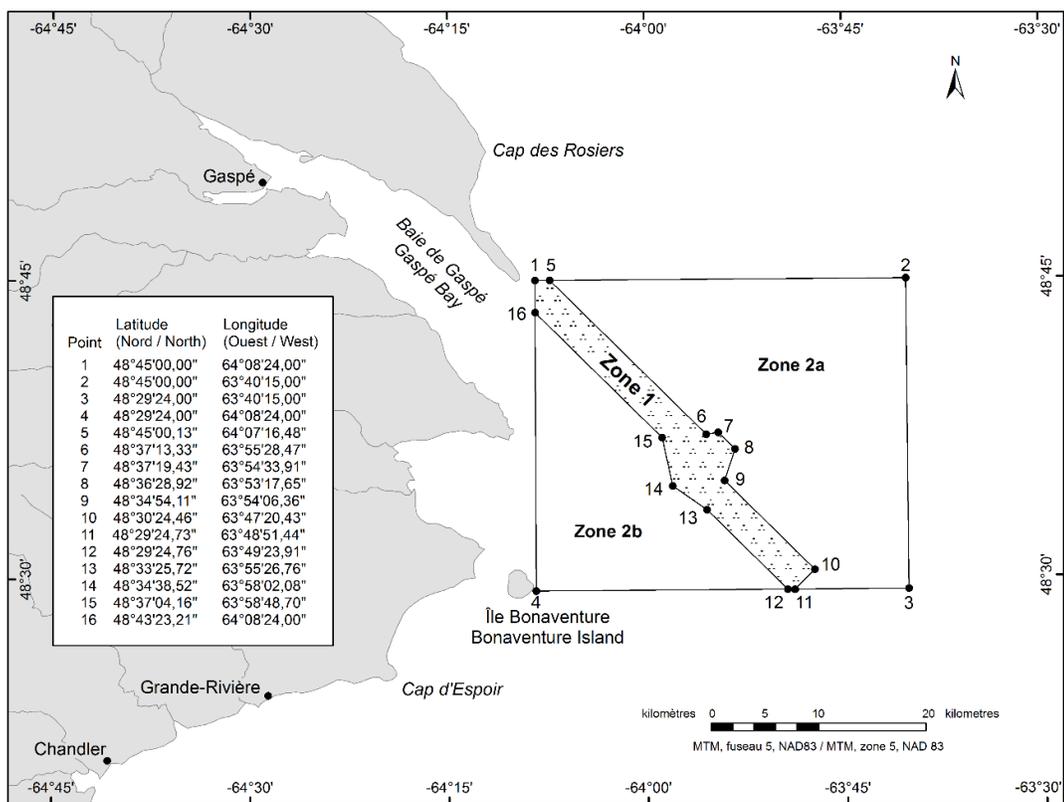
**Zones 2a and 2b (adaptive management zone):** These zones cover an area of 873 km<sup>2</sup> and include almost 90% of the MPA. They include the deep plains on either side of the American Bank.

The Banc-des-Américains Marine Protected Area (1,000 km<sup>2</sup>) is bounded by rhumb lines connecting the following geographical coordinates (points 1 to 16) [North American Datum 1983 (NAD 83)]. Zone 1 is bounded by a series of rhumb lines drawn from point 1 to point 5, then to points 6 to 16 and then back to point 1. Zone 2a is bounded by a series of rhumb lines drawn from point 5 to point 2, then to point 3, then to point 11, then to point 10, then to point 9, then to point 8, then to point 7, then to point 6 and then back to point 5. Zone 2b is bounded by a series of rhumb lines drawn from point 16 to point 15, then to point 14, then to point 13, then to point 12, then to point 4 and then back to point 16.

MONTHLY NOTICES TO MARINERS  
WESTERN EDITION 05/2019  
SECTION 1 – GENERAL AND SAFETY INFORMATION

Point	Latitude (North)	Longitude (West)
1	48° 45' 00.00"	64° 08' 24.00"
2	48° 45' 00.00"	63° 40' 15.00"
3	48° 29' 24.00"	63° 40' 15.00"
4	48° 29' 24.00"	64° 08' 24.00"
5	48° 45' 00.13"	64° 07' 16.48"
6	48° 37' 13.33"	63° 55' 28.47"
7	48° 37' 19.43"	63° 54' 33.91"
8	48° 36' 28.92"	63° 53' 17.65"
9	48° 34' 54.11"	63° 54' 06.36"
10	48° 30' 24.46"	63° 47' 20.43"
11	48° 29' 24.73"	63° 48' 51.44"
12	48° 29' 24.76"	63° 49' 23.91"
13	48° 33' 25.72"	63° 55' 26.76"
14	48° 34' 38.52"	63° 58' 02.08"
15	48° 37' 04.16"	63° 58' 48.70"
16	48° 43' 23.21"	64° 08' 24.00"

The Banc-des-Américains Marine Protected Area is shown in the map below:



**Regulatory Requirements for Vessels Operating in the Banc-des-Américains Marine Protected Area**

- See **Section 5A – General Regulatory Requirements for all Oceans Act Marine Protected Areas.**
- **Specific requirements for the Banc-des-Américains Marine Protected Area**
  - All activities related to shipping and transportation continue to be allowed within the MPA. However, anchoring of vessels is not permitted in Zone 1. In addition, discharge of sewage and release of grey water (as defined in the *Vessel Pollution and Dangerous Chemicals Regulations*) from vessels with a gross tonnage of 400 tonnes or more, or certified to carry 15 or more passengers, are prohibited in the MPA.

**Guidelines for Vessels Operating in the Area (Year Round)**

It is recommended that the following guidelines be followed to safeguard the Marine Protected Area and its resources.

**Marine Mammal Protection**

1. Vessels must comply with all relevant provisions of the *Marine Mammal Regulations* under the *Fisheries Act*. Further details can be found in **Section 5 – General Guidelines for Aquatic Species at Risk and Important Marine Mammal Areas.**
2. Report all collisions with marine mammals or turtles, entanglements of marine mammals or turtles and animals in distress or those found dead by calling the toll-free number of the *Réseau québécois d'urgences pour les mammifères marins* (1-877-722-5346). Before releasing a whale carcass caught in fishing gear, it is important to contact the emergency service.

N.B. In this document, the term “Banc-des-Américains” is used to refer to the marine area that is designated as a Marine Protected Area, while the term “American Bank” is used to refer to the underwater bank (i.e. the physical structure) in the Gulf of St. Lawrence.

**\*506 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 15:**

**AMEND**

**25. Arriving Vancouver, British Columbia**

CANADIAN CATALOGUE				U.S.A CATALOGUE	U.K. CATALOGUE
Chart	ENC	Title	Scale 1:	Chart	Chart
3481	CA470072	Approches to/Approches à Vancouver Harbour	25,000		4962

**TO READ**

**25. Arriving Vancouver, British Columbia**

CANADIAN CATALOGUE				U.S.A CATALOGUE	U.K. CATALOGUE
Chart	ENC	Title	Scale 1:	Chart	Chart
<b>3496</b>	<b>CA570747</b>	Approches to/Approches à Vancouver Harbour	<b>12,000</b>		<b>4962</b>

**Page 18:**

**AMEND**

**33. Inner Passages, British Columbia, Vancouver to Portland Canal**

CANADIAN CATALOGUE				U.K. CATALOGUE
Chart	ENC	Title	Scale 1:	Chart
3481	CA470072	Approaches to/Approches à Vancouver Harbour	25,000	4962

**TO READ**

**33. Inner Passages, British Columbia, Vancouver to Portland Canal**

CANADIAN CATALOGUE				U.K. CATALOGUE
Chart	ENC	Title	Scale 1:	Chart
<b>3496</b>	<b>CA570747</b>	Approaches to/Approches à Vancouver Harbour	<b>12,000</b>	<b>4962</b>

**\*507 CANADIAN COAST GUARD PUBLICATION – MODIFICATIONS TO THE SECTIONS AND SUB-SECTIONS IN THE LIST OF LIGHTS, BUOYS AND FOG SIGNALS**

Please note that the sections and sub-sections in the *List of Lights, Buoys and Fog Signals* volumes have been modified to reflect the official geographical names according to Natural Resources Canada.

In addition, other changes have been implemented during the revision of the sections and sub-sections of the publication. Please refer to the table below for a complete list of affected sections and actions taken.

Volume	List of Lights #	Affected Sections	Actions Taken
<b>Atlantic Coast</b>	1 - 509	Newfoundland	Deleted as content is located in the Newfoundland and Labrador Coast Volume.
	80 - 99	Saint-Pierre and Miquelon	Deleted as original section is located in the Newfoundland and Labrador Coast Volume.
	114.5 – 141.5	Saint John River	Name of the sub-section “Belleisle Bay” deleted as there are no listed aids related to this area.
	666	Sable Island, N.S.	Deleted as section is empty.
	2503 - 2540	Mackenzie River – Mackenzie Bay	Deleted as original section is located in the Inland Waters Volume.
	2545 - 2621	Hudson Strait and Bay	Deleted as original section is located in the Inland Waters Volume.
<b>Pacific Coast</b>	2503 - 2540	Mackenzie River – Mackenzie Bay	Deleted as original section is located in the Inland Waters Volume.
	2545 - 2621	Hudson Strait and Bay	Deleted as original section is located in the Inland Waters Volume.

**\*508 CANADIAN HYDROGRAPHIC SERVICE – FREE DOWNLOADABLE *SAILING DIRECTIONS* NOW AVAILABLE**

The *Sailing Directions* booklets are an indispensable companion to nautical charts. They are a great tool for planning and assisting in navigation because they provide information that cannot be shown on a chart.

All hard copy Print on Demand (POD) *Sailing Directions* booklets are being printed with current Notices to Mariners updates applied. These POD booklets are available for purchase from authorized chart dealers located across Canada and around the world.

**Important note**

It is the mariners' responsibility to maintain their digital *Sailing Directions* file by ensuring that the latest version is always downloaded. If the mariner chooses to print their own *Sailing Directions* booklet, it is imperative that the current Notices to Mariners updates are applied. Please check this page by the 15<sup>th</sup> of the month to verify the last update date for the booklet that has been downloaded, and download a new copy as required. **Do not leave port without it!**

To access the free downloadable updated pdf files, please click on the link below:

<http://charts.gc.ca/publications/sailingdirections-instructionsnautiques-eng.asp>

**\*509 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.

MONTHLY NOTICES TO MARINERS  
WESTERN EDITION 05/2019  
SECTION 2 – CHART CORRECTIONS

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**3050 - Kootenay Lake, Rhinoceros Point to Riondel - Sheet/Feuille 6 - New Edition - 03-MAY-1996 - NAD 1927**

24-MAY-2019

LNMD. 15-MAR-2019

Reposition light FI R from 49°40'26.9"N 116°52'22.8"W  
(See Chart No. 1, P1) to 49°40'24.7"N 116°52'22.5"W  
(P2019023) LL(12) DFO(6204067-01)

**3050 - Kootenay Lake, Kaslo to Lardeau - Sheet/Feuille 8 - New Edition - 03-MAY-1996 - NAD 1927**

24-MAY-2019

LNMD. 15-MAR-2019

Reposition light FI G from 50°08'39.4"N 116°56'54.9"W  
(See Chart No. 1, P1) to 50°08'38.0"N 116°56'49.8"W  
(P2019031) LL(20) DFO(6204020-01)

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

24-MAY-2019

LNMD. 15-MAR-2019

Amend Q to read QR against light from 49°33'11.0"N 117°14'34.5"W  
(See Chart No. 1, P1) (P2019039) LL(2) DFO(6204029-01)

**3050 - West Arm Kootenay Lake, Five Mile Point to Nelson - Sheet/Feuille 12 - New Edition - 03-MAY-1996 - NAD 1927**

24-MAY-2019

LNMD. 15-MAR-2019

Amend Q to read QR against light from 49°33'11.0"N 117°14'34.5"W  
(See Chart No. 1, P1) (P2019039) LL(2) DFO(6204029-01)

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

10-MAY-2019

LNMD. 22-MAR-2019

Affix patch from 49°20'00.0"N 123°15'00.0"W  
Download Patch - [ftp://ftp.dfo-mpo.gc.ca/patches/3311\\_Patch\\_NTM20190510.pdf](ftp://ftp.dfo-mpo.gc.ca/patches/3311_Patch_NTM20190510.pdf)  
This notice affects Electronic Navigational Chart: CA370382, CA470072, CA570747  
DFO(6204037-01)

24-MAY-2019

LNMD. 10-MAY-2019

Add ON CERTAIN COPIES outside south border at 123°24'00"W  
TSS EFFECTIVE DATE The Traffic Separation Scheme (TSS) and associated buoyage have been revised on this chart. These changes are in effect at 0000 Coordinated Universal Time (UTC) on 1 May, 2019.  
DATE D'APPLICATION DST Le dispositif de séparation du trafic (DST) et le balisage par bouées ont été revus sur cette carte marine. Ces modifications entreront en vigueur le 1er mai 2019 à 0000, temps universel coordonné (UTC).  
DFO(6204073-02)

**3313 - Porlier Pass - Sheet/Feuille 16 - New Edition - 02-JAN-2009 - NAD 1983**

31-MAY-2019

LNMD. 29-MAR-2019

Add wreck, least depth unknown, marked Rep (2019) from 49°01'35.6"N 123°35'17.5"W  
(See Chart No. 1, K28, I3.2)  
This notice affects Electronic Navigational Chart: CA570007  
DFO(6204055-01)

MONTHLY NOTICES TO MARINERS  
WESTERN EDITION 05/2019  
SECTION 2 – CHART CORRECTIONS

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**3463 - Strait of Georgia, Southern Portion/Partie Sud - New Edition - 01-JUL-2005 - NAD 1983**

10-MAY-2019

LNM/D. 22-MAR-2019

Affix

patch

49°20'00.0"N 123°10'00.0"W

Download Patch - [ftp://ftp.dfo-mpo.gc.ca/patches/3463\\_Patch\\_NTM20190510.pdf](ftp://ftp.dfo-mpo.gc.ca/patches/3463_Patch_NTM20190510.pdf)

This notice affects Electronic Navigational Chart: CA370382, CA470072, CA570747

*DFO(6204037-01)*

24-MAY-2019

LNM/D. 10-MAY-2019

Delete

ON CERTAIN COPIES

outside south border at 123°41'00"W

EFFECTIVE DATE The Traffic Separation Schemes and routing measures have been revised from Victoria to Vancouver. These changes are in effect at 0000 Coordinated Universal Time (UTC), on 1 July, 2005.

DATE D'ENTRÉE EN VIGUEUR Des dispositifs de séparation de trafic et des règles imposées à la navigation, depuis Victoria jusqu'à Vancouver, ont été révisés. Ces changements prennent effet le 1er juillet 2005, à 0000, Temps Universel Coordonné (UTC).

*DFO(6204073-01)*

Add

ON CERTAIN COPIES

outside south border at 123°41'00"W

TSS EFFECTIVE DATE The Traffic Separation Scheme (TSS) and associated buoyage have been revised on this chart. These changes are in effect at 0000 Coordinated Universal Time (UTC) on 1 May, 2019.

DATE D'APPLICATION DST Le dispositif de séparation du trafic (DST) et le balisage par bouées ont été revus sur cette carte marine. Ces modifications entreront en vigueur le 1er mai 2019 à 0000, temps universel coordonné (UTC).

*DFO(6204073-02)*

**3473 - Porlier Pass - New Edition - 02-MAY-2003 - NAD 1983**

31-MAY-2019

LNM/D. 09-MAR-2018

Add

wreck, least depth unknown, marked Rep (2019)

49°01'35.6"N 123°35'17.5"W

(See Chart No. 1, K28, I3.2)

This notice affects Electronic Navigational Chart: CA570007

*DFO(6204055-01)*

**3494 - Second Narrows - New Edition - 16-NOV-2012 - World Geodetic System 1984**

17-MAY-2019

LNM/D. 25-MAY-2018

Delete

private orange and white mooring can buoy

49°17'30.0"N 123°00'20.9"W

(See Chart No. 1, Q40)

This notice affects Electronic Navigational Chart: CA570123

*DFO(6204003-01)*

Delete

private orange and white mooring can buoy

49°17'30.4"N 123°00'21.4"W

(See Chart No. 1, Q40)

This notice affects Electronic Navigational Chart: CA570123

*DFO(6204003-02)*

Delete

depth of 4.5 metres

49°17'28.4"N 123°00'18.1"W

(See Chart No. 1, I10)

This notice affects Electronic Navigational Chart: CA570123

*DFO(6204003-03)*

MONTHLY NOTICES TO MARINERS  
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Add	depth of 4.4 metres (See Chart No. 1, I10) This notice affects Electronic Navigational Chart: CA570123	49°17'28.4"N 123°00'18.7"W  <i>DFO(6204003-04)</i>
Add	pile (See Chart No. 1, F22) This notice affects Electronic Navigational Chart: CA570123	49°17'29.5"N 123°00'23.7"W  <i>DFO(6204003-05)</i>
Add	pile (See Chart No. 1, F22) This notice affects Electronic Navigational Chart: CA570123	49°17'28.5"N 123°00'18.0"W  <i>DFO(6204003-06)</i>
Add	pile (See Chart No. 1, F22) This notice affects Electronic Navigational Chart: CA570123	49°17'29.5"N 123°00'14.5"W  <i>DFO(6204003-07)</i>
Add	pile (See Chart No. 1, F22) This notice affects Electronic Navigational Chart: CA570123	49°17'29.9"N 123°00'13.3"W  <i>DFO(6204003-08)</i>
Add	pile (See Chart No. 1, F22) This notice affects Electronic Navigational Chart: CA570123	49°17'30.4"N 123°00'12.8"W  <i>DFO(6204003-09)</i>
Add	pier (See Chart No. 1, F14) This notice affects Electronic Navigational Chart: CA570123	between 49°17'31.0"N 123°00'18.8"W and 49°17'31.0"N 123°00'20.8"W  <i>DFO(6204003-10)</i>

**3513 - Strait of Georgia, Northern Portion/Partie Nord - New Edition - 29-OCT-1999 - NAD 1983**

31-MAY-2019		LNM/D. 22-FEB-2019
Add	yellow ODAS/SADO lighted pillar buoy FI (5) Y 20s, marked North Ajax (See Chart No. 1, Q58) This notice affects Electronic Navigational Chart: CA370016	49°43'54.0"N 124°46'29.9"W  <i>DFO(6204043-01)</i>

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

10-MAY-2019		LNM/D. 22-MAR-2019
Affix	patch Download Patch - <a href="ftp://ftp.dfo-mpo.gc.ca/patches/3526_Patch_NTM20190510.pdf">ftp://ftp.dfo-mpo.gc.ca/patches/3526_Patch_NTM20190510.pdf</a> This notice affects Electronic Navigational Chart: CA370382, CA470072, CA570747	49°20'00.0"N 123°16'00.0"W  <i>DFO(6204037-01)</i>

MONTHLY NOTICES TO MARINERS  
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SECTION 2 – CHART CORRECTIONS

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24-MAY-2019

LNM/D. 10-MAY-2019

Delete ON CERTAIN COPIES outside south border at 123°25'00"W  
EFFECTIVE DATE The Traffic Separation Schemes and routing measures have been revised from Victoria to Vancouver. These changes are in effect at 0000 Coordinated Universal Time (UTC), on 1 July, 2005.

DATE D'ENTRÉE EN VIGEUR Des dispositifs de séparation de trafic et des règles imposées à la navigation, depuis Victoria jusqu'à Vancouver, ont été révisés. Ces changements prennent effet le 1er juillet 2005, à 0000, Temps Universel Coordonné (UTC).

*DFO(6204073-01)*

Add ON CERTAIN COPIES outside south border at 123°25'00"W  
TSS EFFECTIVE DATE The Traffic Separation Scheme (TSS) and associated buoyage have been revised on this chart. These changes are in effect at 0000 Coordinated Universal Time (UTC) on 1 May, 2019.

DATE D'APPLICATION DST Le dispositif de séparation du trafic (DST) et le balisage par bouées ont été revus sur cette carte marine. Ces modifications entreront en vigueur le 1er mai 2019 à 0000, temps universel coordonné (UTC).

*DFO(6204073-02)*

**3546 - Broughton Strait - New Edition - 15-APR-2005 - NAD 1983**

10-MAY-2019

LNM/D. 01-MAR-2019

Add depth of 1.5 metres 50°35'33.3"N 127°05'39.6"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470031, CA570027

*DFO(6204038-01)*

**3546 - Port McNeill - New Edition - 15-APR-2005 - NAD 1983**

10-MAY-2019

LNM/D. 01-MAR-2019

Add depth of 1.5 metres 50°35'33.3"N 127°05'39.6"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470031, CA570027

*DFO(6204038-01)*

Add rock awash at chart datum 50°35'28.2"N 127°06'20.8"W  
(See Chart No. 1, K12)  
This notice affects Electronic Navigational Chart: CA570027

*DFO(6204038-02)*

Add rock which covers and uncovers with drying height of 0.4 metres 50°35'28.8"N 127°06'23.5"W  
(See Chart No. 1, K11)  
This notice affects Electronic Navigational Chart: CA570027

*DFO(6204038-03)*

Add rock which covers and uncovers with drying height of 1.6 metres 50°35'35.6"N 127°06'24.5"W  
(See Chart No. 1, K11)  
This notice affects Electronic Navigational Chart: CA570027

*DFO(6204038-04)*

Add rock which covers and uncovers with drying height of 2.6 metres 50°35'36.5"N 127°06'24.7"W  
(See Chart No. 1, K11)  
This notice affects Electronic Navigational Chart: CA570027

*DFO(6204038-05)*

MONTHLY NOTICES TO MARINERS  
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Add pile 50°35'34.6"N 127°06'22.5"W  
(See Chart No. 1, F22)  
This notice affects Electronic Navigational Chart: CA570027  
*DFO(6204038-06)*

Add pile 50°35'33.5"N 127°06'21.9"W  
(See Chart No. 1, F22)  
This notice affects Electronic Navigational Chart: CA570027  
*DFO(6204038-07)*

Add pile 50°35'32.3"N 127°06'20.8"W  
(See Chart No. 1, F22)  
This notice affects Electronic Navigational Chart: CA570027  
*DFO(6204038-08)*

Add pile 50°35'31.3"N 127°06'21.8"W  
(See Chart No. 1, F22)  
This notice affects Electronic Navigational Chart: CA570027  
*DFO(6204038-09)*

**3548 - Queen Charlotte Strait, Central Portion/Partie Centrale - New Edition - 26-SEP-1997 - NAD 1983**  
10-MAY-2019 LNM/D. 22-FEB-2019

Add depth of 1.5 metres 50°35'33.3"N 127°05'39.6"W  
(See Chart No. 1, I10)  
This notice affects Electronic Navigational Chart: CA470031, CA570027  
*DFO(6204038-01)*

**6411 - Trail River to/à Camsell Bend Kilometre 390 / Kilometre 460 - New Edition - 30-MAR-2018 - NAD 1983**  
03-MAY-2019

Reposition green port hand can buoy 62°13'06.0"N 123°12'08.0"W  
(See Chart No. 1, Qg) to 62°13'05.0"N 123°12'15.0"W  
*DFO(6604518-01)*

Reposition red starboard hand conical buoy 62°13'28.0"N 123°12'19.0"W  
(See Chart No. 1, Qf) to 62°13'26.0"N 123°12'26.0"W  
*DFO(6604518-02)*

Reposition red starboard hand conical buoy 62°12'41.0"N 123°12'02.0"W  
(See Chart No. 1, Qf) to 62°12'38.0"N 123°12'08.0"W  
*DFO(6604518-03)*

**6419 - Norman Wells to/à Carcajou Ridge Kilometre 910 / Kilomètre 980 - New Edition - 27-APR-2018 - World Geodetic System 1984**  
17-MAY-2019

Delete red starboard hand conical buoy 65°31'51.5"N 127°41'44.1"W  
(See Chart No. 1, Qf)  
*DFO(6604520-01)*

Delete red starboard hand conical buoy 65°31'30.3"N 127°40'27.2"W  
(See Chart No. 1, Qf)  
*DFO(6604520-02)*

Delete red starboard hand conical buoy 65°30'53.0"N 127°40'30.1"W  
(See Chart No. 1, Qf)  
*DFO(6604520-03)*

MONTHLY NOTICES TO MARINERS  
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Delete	green port hand can buoy (See Chart No. 1, Qg)	65°30'42.1"N 127°40'05.2"W  <i>DFO(6604520-04)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 65°29'49.9"N 127°39'21.8"W to 65°29'53.2"N 127°39'15.5"W <i>DFO(6604520-05)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 65°30'22.8"N 127°39'46.0"W to 65°30'23.9"N 127°39'42.2"W <i>DFO(6604520-06)</i>
Add	red starboard hand conical buoy (See Chart No. 1, Qf)	65°30'39.7"N 127°40'15.7"W  <i>DFO(6604520-07)</i>
Add	green port hand can buoy (See Chart No. 1, Qg)	65°30'48.7"N 127°40'41.0"W  <i>DFO(6604520-08)</i>
Add	green port hand can buoy (See Chart No. 1, Qg)	65°31'26.6"N 127°41'35.3"W  <i>DFO(6604520-09)</i>
Add	green port hand can buoy (See Chart No. 1, Qg)	65°31'43.9"N 127°42'01.9"W  <i>DFO(6604520-10)</i>

**6422 - Fort Good Hope to à Askew Islands Kilometre 1100 / Kilometre 1180 - New Edition - 11-FEB-2011 - NAD 1983**  
03-MAY-2019 LNM/D. 17-APR-2015

Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 66°21'36.3"N 128°40'53.9"W to 66°21'34.6"N 128°41'18.4"W <i>DFO(6604519-01)</i>
Delete	red starboard hand conical buoy (See Chart No. 1, Qf)	66°21'46.6"N 128°41'58.6"W  <i>DFO(6604519-02)</i>
Delete	green port hand can buoy (See Chart No. 1, Qg)	66°22'06.5"N 128°42'32.9"W  <i>DFO(6604519-03)</i>
Add	green port hand can buoy (See Chart No. 1, Qg)	66°21'45.4"N 128°42'06.9"W  <i>DFO(6604519-04)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 66°22'03.4"N 128°42'39.7"W to 66°22'02.8"N 128°42'47.0"W <i>DFO(6604519-05)</i>

**6423 - Askew Islands to à Bryan Island Kilometre 1180 / Kilometre 1240 - New Edition - 27-APR-2018 - World Geodetic System 1984**  
03-MAY-2019

Delete	red starboard hand conical buoy (See Chart No. 1, Qf)	66°54'48.7"N 130°12'16.1"W  <i>DFO(6604512-01)</i>
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MONTHLY NOTICES TO MARINERS  
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SECTION 2 – CHART CORRECTIONS

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Delete	red starboard hand conical buoy (See Chart No. 1, Qf)	66°54'19.0"N 130°11'48.0"W  <i>DFO(6604512-02)</i>
Delete	green port hand can buoy (See Chart No. 1, Qg)	66°54'03.0"N 130°10'48.2"W  <i>DFO(6604512-03)</i>
Delete	red starboard hand conical buoy (See Chart No. 1, Qf)	66°53'44.4"N 130°09'45.4"W  <i>DFO(6604512-04)</i>
Delete	red starboard hand conical buoy (See Chart No. 1, Qf)	66°53'36.0"N 130°08'29.1"W  <i>DFO(6604512-05)</i>
Delete	combined leading beacons with leading line (See Chart No. 1, Q120)	66°55'31.0"N 130°12'49.5"W  <i>DFO(6604512-06)</i>
Reposition	port hand daybeacon, "RAM" (See Chart No. 1, Qt)	from 66°53'15.0"N 130°07'30.4"W to 66°54'54.2"N 130°08'19.3"W <i>DFO(6604512-07)</i>
Add	green port hand can buoy (See Chart No. 1, Qg)	66°53'47.7"N 130°08'16.0"W  <i>DFO(6604512-08)</i>
Add	red starboard hand conical buoy (See Chart No. 1, Qf)	66°54'16.3"N 130°08'38.6"W  <i>DFO(6604512-09)</i>
Add	red starboard hand conical buoy (See Chart No. 1, Qf)	66°54'48.1"N 130°08'45.8"W  <i>DFO(6604512-10)</i>
Add	red starboard hand conical buoy (See Chart No. 1, Qf)	66°55'06.1"N 130°09'15.9"W  <i>DFO(6604512-11)</i>
Add	red starboard hand conical buoy (See Chart No. 1, Qf)	66°55'23.3"N 130°10'38.9"W  <i>DFO(6604512-12)</i>
Add	red starboard hand conical buoy (See Chart No. 1, Qf)	66°55'43.1"N 130°11'55.0"W  <i>DFO(6604512-13)</i>
Add	green port hand can buoy (See Chart No. 1, Qg)	66°55'53.0"N 130°12'14.7"W  <i>DFO(6604512-14)</i>
Add	red starboard hand conical buoy (See Chart No. 1, Qf)	66°50'21.8"N 130°05'15.2"W  <i>DFO(6604512-15)</i>

MONTHLY NOTICES TO MARINERS  
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Add	green port hand can buoy (See Chart No. 1, Qg)	66°50'35.6"N 130°05'49.9"W  <i>DFO(6604512-16)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 66°58'23.3"N 130°13'51.5"W to 66°58'24.8"N 130°14'23.9"W <i>DFO(6604512-17)</i>
Reposition	starboard hand daybeacon, "RAM" (See Chart No. 1, Qt)	from 66°58'07.7"N 130°14'40.7"W to 66°58'12.5"N 130°14'45.7"W <i>DFO(6604512-18)</i>
Add	starboard hand daybeacon (See Chart No. 1, Qt)	66°55'58.0"N 130°12'53.9"W  <i>DFO(6604512-19)</i>

**6426 - Adam Cabin Creek to/à Point Separation Kilometre 1400 / Kilomètre 1480 - New Edition - 30-JAN-2015 - World Geodetic System 1984**  
03-MAY-2019

Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 67°16'19.6"N 133°08'56.5"W to 67°16'17.6"N 133°08'49.3"W <i>DFO(6604511-01)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°12'12.0"N 132°59'16.1"W to 67°12'13.8"N 132°59'48.3"W <i>DFO(6604511-02)</i>
Reposition	starboard hand daybeacon (See Chart No. 1, Qt)	from 67°11'58.2"N 132°58'42.8"W to 67°12'03.8"N 133°00'00.6"W <i>DFO(6604511-03)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°12'28.5"N 132°59'37.1"W to 67°12'44.8"N 133°00'40.0"W <i>DFO(6604511-04)</i>
Reposition	red starboard hand conical buoy (See Chart No. 1, Qf)	from 67°12'45.6"N 133°00'37.2"W to 67°13'21.4"N 133°01'42.1"W <i>DFO(6604511-05)</i>
Add	red starboard hand conical buoy (See Chart No. 1, Qf)	67°16'55.9"N 133°10'49.8"W  <i>DFO(6604511-06)</i>

**6427 - Point Separation to/au Aklavik Channel Kilometre 1480 / Kilomètre 1540 - New Edition - 27-APR-2018 - World Geodetic System 1984**  
24-MAY-2019

Delete	green port hand can buoy (See Chart No. 1, Qg)	67°47'46.3"N 134°12'08.9"W  <i>DFO(6604516-01)</i>
Delete	green port hand can buoy (See Chart No. 1, Qg)	67°47'20.3"N 134°12'20.2"W  <i>DFO(6604516-02)</i>

MONTHLY NOTICES TO MARINERS  
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Reposition	red starboard hand spar buoy (See Chart No. 1, Qf)	from 67°47'37.0"N 134°12'23.0"W to 67°47'47.3"N 134°12'06.2"W <i>DFO(6604516-03)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°46'55.2"N 134°12'15.5"W to 67°46'53.0"N 134°11'45.7"W <i>DFO(6604516-04)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°46'32.0"N 134°12'17.0"W to 67°46'29.7"N 134°11'50.9"W <i>DFO(6604516-05)</i>
Reposition	red starboard hand spar buoy (See Chart No. 1, Qf)	from 67°42'44.8"N 134°14'40.0"W to 67°42'47.9"N 134°14'56.9"W <i>DFO(6604516-06)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°42'18.5"N 134°15'37.4"W to 67°42'18.7"N 134°15'58.4"W <i>DFO(6604516-07)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°42'04.4"N 134°16'00.5"W to 67°42'07.4"N 134°16'10.5"W <i>DFO(6604516-08)</i>

**6432 - Kilometre/Kilomètre 1500 to/à Inuvik East Channel - New Edition - 27-APR-2018 - NAD 1983**  
24-MAY-2019

Delete	green port hand can buoy (See Chart No. 1, Qg)	67°47'46.3"N 134°12'08.9"W <i>DFO(6604516-01)</i>
Delete	green port hand can buoy (See Chart No. 1, Qg)	67°47'20.3"N 134°12'20.2"W <i>DFO(6604516-02)</i>
Reposition	red starboard hand spar buoy (See Chart No. 1, Qf)	from 67°47'37.0"N 134°12'23.0"W to 67°47'47.3"N 134°12'06.2"W <i>DFO(6604516-03)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°46'55.2"N 134°12'15.5"W to 67°46'53.0"N 134°11'45.7"W <i>DFO(6604516-04)</i>
Reposition	green port hand can buoy (See Chart No. 1, Qg)	from 67°46'32.0"N 134°12'17.0"W to 67°46'29.7"N 134°11'50.9"W <i>DFO(6604516-05)</i>

MONTHLY NOTICES TO MARINERS  
WESTERN EDITION 05/2019  
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 201 — Juan de Fuca Strait and Strait of Georgia, First Edition, 2012 —

Chapter 2 — Delete paragraph 116

Replace by: 116 A flashing red **light** at the north and south sides of the east pier is displayed 24 hours. A flashing green **light** at the north and south sides of the west pier is displayed 24 hours.

116.1 A red **light** at the north and south sides of the moveable span placed at centre channel stays on at all times when the bridge is in the down position. When the bridge is being lifted (raised or lowered), the light flashes until the bridge is in the fully open position and then it turns off. A green **light** at the north and south sides starts flashing when the bridge is in the fully open position and stopped. This is the green signal for the vessel to proceed.

116.2 Aerial obstruction **lights** are at the north and south sides of the span. They are placed at the free end of the moveable span (west side of the moveable span). The lights come on when the bridge is in the fully open position.

(P2019-04.1)

Chapter 3 — Paragraph 16, after “*Haro Strait and*”

Delete: *Boundary Passage*

Replace by: *Boundary Pass*

(P2019-08.1)

Chapter 3 — Paragraph 16, after “*Turn Point SOA from*”

Delete: *Boundary Passage*

Replace by: *Boundary Pass*

(P2019-08.2)

Chapter 3 — Paragraph 16, after “*from Haro Strait, northbound for*”

Delete: *Boundary Passage*

Replace by: *Boundary Pass*

(P2019-08.3)

Chapter 3 — Paragraph 35, after “*gong buoy*”

Insert: 3

(P2019-08.4)

Chapter 3 — Paragraph 53

Delete: [www.artificialreef.bc.ca](http://www.artificialreef.bc.ca)

Replace by: [www.artificialreefsocietybc.ca](http://www.artificialreefsocietybc.ca)

(P2019-08.5)

Chapter 3 — Paragraph 69

Delete: approximate height of 62 m

Replace by: elevation of 497 m

(P2019-08.6)

SECTION 4 – SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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Chapter 3 — Delete paragraph 74

Replace by: 74 *Saturna Island Sector light (264)*, on East Point, is shown from a skeleton tower at an elevation of 31.1 m. An additional **light**, shown at an elevation of 36.9 m, is visible all around the horizon.

(P2019-08.7)

Chapter 3 — Paragraph 87

Delete: less than 2 m

Replace by: 0.9 m

(P2019-08.8)

Chapter 3 — Paragraph 87

Delete: 0.5 mile east

Replace by: 0.5 mile NE

(P2019-08.9)

Chapter 3 — Paragraph 95

Delete: recommended

Replace by: mandatory

(P2019-08.10)

Chapter 3 — Paragraph 106

Delete: “**Ocean dump sites** ... *Ocean Dumping Control Act*, are located in”

Replace by: **Foul** areas (disposal sites), under permit through the *Canadian Environmental Protection Act*, are located in the following positions: 49°17'N, 123°36'W; 49°21'N, 123°29'W;

(P2019-08.11)

Chapter 3 — Paragraph 107

Delete: 7.5 miles

Replace by: 5.9 miles

(P2019-08.12)

Chapter 3 — Paragraph 128

Delete: A red air obstruction light is shown from the top of the rear tower.

(P2019-08.13)

Chapter 3 — Paragraph 129, after “**Blackie Spit**”

Insert: *(unnamed on the chart)*

(P2019-08.14)

Chapter 3 — Paragraph 135

Delete: **Burlington Northern Railway Bridge**

Replace by: The **Burlington Northern Santa Fe (BNSF) Railway Bridge**

(P2019-08.15)

Chapter 3 — Paragraph 155

Delete: *Port Metro Vancouver*

Replace by: *Vancouver Fraser Port Authority*

(P2019-08.16)

SECTION 4 – SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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Chapter 3 — Paragraph 159

Delete: “*light buoys (307.2, ... and cautionary buoy TB*”

Replace by: **starboard hand light buoys T2, T4, T6 and T8 (307.2, 307.3, 307.4 and 307.5), cautionary light buoy TB (307.7) and port hand light buoy T1 (307.9)**

(P2019-08.17)

Chapter 3 — Paragraph 164

Delete: *and bell*

(P2019-08.18)

Chapter 5 — Paragraph 6.1

Delete: 0.01

Replace by: 0.8

(P2019-04.2)

Chapter 5 — After paragraph 6.1

Insert: 6.2 An ODAS light **buoy** is 3.2 miles NW of Point Grey.

(P2019-04.3)

Chapter 8 — After paragraph 188

Insert: 188.1 A **rock** with 0.4 m over it is close NNW of Sangster Island.

(P2019-04.4)

Chapter 9 — After paragraph 238

Insert: 238.1 A **wreck** is reported to be in Secret Bay at *49°45'3.5"N, 123°55'29.2"W*.

(P2019-04.7)

Chapter 9 — Adjacent to paragraph 238.1, add a caution pictograph.

(P2019-04.8)

Chapter 9 — After paragraph 267

Insert: 267.1 A **wreck** lies close north of the public wharf.

(P2019-04.5)

Chapter 9 — Adjacent to paragraph 267.1, add a caution pictograph.

(P2019-04.6)

INDEX — After “Burleith Arm, C6/P744”

Delete: Burlington Northern Railway Bridge, C3/P135

Replace by: Burlington Northern Santa Fe (BNSF) Railway Bridge, C3/P135

(P2019-08.19)

MONTHLY NOTICES TO MARINERS  
WESTERN EDITION 05/2019

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**

**KOOTENAY LAKE (LL 1 – 20)**

2	Five Mile Point	NW. of point. 49 33 11.0 117 14 34.5	Q R 1s	7.6	5	Pipe tower on top of 3-pile dolphin, red and white triangular daymark.	Year round.  Chart:3050 Edn 05/19 (P19-039)
4	Nine Mile Point	E. entrance to Nine Mile Narrows, West Arm. 49 35 57.5 117 09 48.0	Q R 1s	7.9	4	Pipe tower on top of 3-pile dolphin, red and white triangular daymark.	Year round.  Chart:3050 Edn 05/19 (P19-069)
8	Procter range						Delete from list.
9							Delete from list.
							Chart:3050 Edn 05/19 (P18-081, 082)
13.3	Kootenay Landing Outer	S. end of lake. 49 15 56.7 116 41 28.5	Fl W 4s	9.0	6	Pipe tower on 3-pile dolphin.	Year round.  Chart:3050 Edn 05/19 (P19-064)
13.7	Banana Bay Reef	49 29 21.2 116 46 43.5	Fl R 4s	7.7	4	Pipe tower with bird nesting site, red and white triangular daymark.	Year round.  Chart:3050 Edn 05/19
20	Lardeau	On point, SE. of launch ramp. 50 08 38.0 116 56 49.8	Fl G 4s	10.1	4	Square skeleton tower. 1.2	Year round.  Chart:3050 Edn 05/19 (P19-031)

**UPPER AND LOWER ARROW LAKE – COLUMBIA RIVER (LL 26 – 41)**

26.5	Tulip Point	SE. of Tulip Creek, N. shore. 49 21 31.9 117 55 23.0	Fl R 4s	18.2	4	Pipe tower. 1.9	Year round.  Chart:3056 Edn 05/19 (P19-067)
40.6	Bannock Point	E. of Shelter Bay, W. shore. 50 37 54.9 117 55 15.7	Fl G 4s	11.7	4	Pipe tower, green-white, black square daymark. 2.0	Year round.  Chart:3057 Edn 05/19 (P19-062)

**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)