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Notices to Mariners Publication
Western Edition
Monthly Edition №02/2019

Published under the authority of:
Canadian Coast Guard Programs
Aids to Navigation and Waterways
Fisheries and Oceans Canada
Montreal, Quebec
H2Y 2E7

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www.notmar.gc.ca

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Publication des Avis aux navigateurs
Édition de l’Ouest
Édition mensuelle №02/2019
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 2018. 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
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:

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.
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\(^1\), 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](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
Website: [http://www.marinfo.gc.ca/e-nav](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
Website: [http://www.marinfo.gc.ca/e-nav](http://www.marinfo.gc.ca/e-nav)

* Service available in English and French.

\(^1\) The expression “Notice to Shipping” was changed to “Navigational Warning” in January 2019.
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CANADIAN HYDROGRAPHIC SERVICE – ANNOUNCEMENT REGARDING CHS CHART PATCHES

Colour Web Patches are free to the mariner, and given the quality of many printers, should reproduce well. They will be available in real time all around the world.

CHS welcomes your feedback on this service at chsinfo@dfo-mpo.gc.ca

CANADIAN HYDROGRAPHIC SERVICE – CUMULATIVE CHART CORRECTIONS


CANADIAN HYDROGRAPHIC SERVICE – CURRENT CHART EDITION DATES

CHART EDITIONS
The three terms described below are used to indicate the publication status of Canadian charts.

NEW CHART - "NEWCHT"
The first publication of a Canadian chart embracing an area not previously charted to the scale shown, or embracing an area different from any existing Canadian chart.

NEW EDITION - "NEWEDT"
A new issue of an existing chart containing amendments essential to navigation in addition to those issued in Notices to Mariners and making existing editions obsolete.

REPRINTS
A new issue of the current edition of a chart incorporating no amendments of navigational significance other than those previously promulgated in Notices to Mariners. It may also contain amendments from other sources provided they are not essential to navigation. Previous printings of the current edition remain in force.

The current chart edition dates can be accessed at www.chs-shc.gc.ca/charts-cartes/paper-papier/index-eng.asp

CANADIAN HYDROGRAPHIC SERVICE – PRINT ON DEMAND CHARTS - CARE AND USE

Background
By providing nautical charts to the public, the goal of the Canadian Hydrographic Service (CHS) is to provide services for safe navigation in a fiscally responsible manner. As a result, CHS continues to expand its portfolio of nautical paper charts that are printed using Print On Demand (POD) technology. These charts are easily recognized by their whiter paper and the coloured logo of the Canadian Hydrographic Service. This new technology enables CHS to print charts in a more efficient manner, while enhancing chart content through being able to quickly add new and important information. POD technology provides customers with up-to-date charts without the historical hand-drawn corrections or glued-on patches. Additionally, this technology eliminates out-of-stock situations which arise with the traditional printing and warehousing methods. In the event of a national emergency, CHS can respond to the appropriate authorities with the best available information very quickly.

Care of Your POD Chart
CHS encourages its customers to handle the POD charts more carefully than the traditional lithographic charts. When plotting information on POD charts, use HB pencils and apply limited pressure. Testing has suggested that an Indian gum eraser is more effective than alternatives when used on the product. This eraser is also suitable for charts printed using lithographic processes.
Mariners are advised that ECDIS may not display some isolated shoal depths when operating in “base or standard display” mode. Route planning and monitoring alarms for these shoal depths may not always be activated. To ensure safe navigation and to confirm that a planned route is clear of such dangers, mariners should visually inspect the planned route and any deviations from it using ECDIS configured to display “all data”. The automated voyage planning check function should not be solely relied upon.

The Notices to Mariners website has now added a new functionality where 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.

The NOTMAR team would appreciate any feedback concerning this new functionality by sending an email to Notmar.XNCR@dfo-mpo.gc.ca.

**201** CANADIAN HYDROGRAPHIC SERVICE – NAUTICAL CHARTS

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<td>Skidegate Channel</td>
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<td>Halifax Harbour: Black Point to / à Point Pleasant</td>
<td>1:10 000</td>
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<td>RM-4920</td>
<td>Plans Baie des Chaleurs / Chaleur Bay - Côte sud / South Shore</td>
<td>1:20 000</td>
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<td>Schooner Harbour to/à Baker Lake</td>
<td>1:40 000</td>
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**205**

**BARKLEY SOUND – STRUCTURE FOR A DAYBEACON REBUILT AND REPOSITIONED**

Reference Chart: 3671

The structure of the following daybeacon has been rebuilt and repositioned to the following coordinates:

Cia Rock port daybeacon (LL 5078.1): 48° 50' 16.9"N  125° 10' 57.6"W

(P2019-004)

**206**

**PLANS - QUATSINO SOUND – FRONT RANGE REBUILT AND REPOSITIONED**

Reference Chart: 3681

The following front range has been rebuilt and repositioned to the following coordinates:

Quatsino Narrows front range (LL 5006): 50° 32' 50.5"N  127° 33' 34.9"W

(P2018-142)

**209(P)**

**VANCOUVER FRASER PORT AUTHORITY – NEW TRAFFIC SEPARATION SCHEME TO BE IMPLEMENTED FOR APPROACHES TO VANCOUVER HARBOUR**

Reference Charts: 3463 & 3481

Vancouver Fraser Port Authority (VFPA) is implementing a new traffic separation scheme (TSS) for the approaches to Vancouver Harbour, which will come into effect on May 1, 2019. These changes are primarily affecting charts Strait of Georgia, Southern Portion/Partie Sud (Chart 3463) and Approaches to/Approches à Vancouver Harbour (Chart 3481). For more details, please refer to the graphic below.
*210  WINNIPEG TO/AU LAKE WINNIPEG/LAC WINNIPEG – AIDS TO NAVIGATION PERMANENTLY DISCONTINUED
Reference: Notice 417(P)/18 is cancelled (Chart 6242).
(A2018-051, 053, 055, 056)

*211  PLANS - BARKLEY SOUND – DAYBEACON PERMANENTLY DISCONTINUED
Reference: Notice 611(P)/18 is cancelled (Chart 3646).
(P2018-141)
Delete

- depth of 1788 fathoms (See Chart No. 1, I10)
  - This notice affects Electronic Navigational Chart: CA270389
  - 50°07′24.9″N 129°35′59.0″W
  - DFO(6203950-01)

Add

- depth of 859 fathoms (See Chart No. 1, I10)
  - This notice affects Electronic Navigational Chart: CA270389
  - 50°07′27.4″N 129°35′38.9″W
  - DFO(6203950-02)

Delete

- depth of 307 fathoms (See Chart No. 1, I10)
  - This notice affects Electronic Navigational Chart: CA270389
  - 48°45′29.4″N 127°09′17.2″W
  - DFO(6203950-03)

Delete

- depth of 379 fathoms (See Chart No. 1, I10)
  - This notice affects Electronic Navigational Chart: CA270389
  - 48°44′23.6″N 126°56′14.7″W
  - DFO(6203950-04)

Delete

- depth of 312 fathoms (See Chart No. 1, I10)
  - This notice affects Electronic Navigational Chart: CA270389
  - 48°43′59.7″N 126°47′13.9″W
  - DFO(6203950-05)

Delete

- depth of 222 fathoms (See Chart No. 1, I10)
  - This notice affects Electronic Navigational Chart: CA270389
  - 48°43′25.6″N 126°40′40.3″W
  - DFO(6203950-06)

Add

- depth of 694 fathoms (See Chart No. 1, I10)
  - This notice affects Electronic Navigational Chart: CA270389
  - 48°43′24.0″N 126°40′41.8″W
  - DFO(6203950-07)

Add

- depth of 1108 fathoms (See Chart No. 1, I10)
  - This notice affects Electronic Navigational Chart: CA270389
  - 48°45′29.0″N 127°09′20.3″W
  - DFO(6203950-08)

Add

- depth of 735 fathoms (See Chart No. 1, I10)
  - This notice affects Electronic Navigational Chart: CA270389
  - 48°43′59.2″N 126°47′14.3″W
  - DFO(6203950-09)

Add

- depth of 792 fathoms (See Chart No. 1, I10)
  - This notice affects Electronic Navigational Chart: CA270389
  - 48°44′23.8″N 126°56′14.3″W
  - DFO(6203950-10)
Add submarine cable joining 49°20′36.4″N 123°25′44.2″W
49°20′38.4″N 123°25′54.4″W
49°20′34.1″N 123°27′22.3″W
49°20′28.6″N 123°28′07.9″W
49°20′34.4″N 123°29′13.5″W
49°20′52.8″N 123°30′59.8″W
49°21′16.4″N 123°31′58.7″W
and 49°23′00.0″N 123°37′53.3″W
(See Chart No. 1, L30.1)

This notice affects Electronic Navigational Chart: CA370016, CA370381, CA370382, CA470004

Add submarine cable joining 49°20′36.4″N 123°25′44.2″W
49°20′38.4″N 123°25′54.4″W
49°20′34.1″N 123°27′22.3″W
49°20′28.6″N 123°28′07.9″W
49°20′34.4″N 123°29′13.5″W
49°20′52.8″N 123°30′59.8″W
49°21′16.4″N 123°31′58.7″W
49°24′39.7″N 123°44′00.9″W
49°25′57.3″N 123°46′53.1″W
49°26′13.0″N 123°49′17.7″W
and 49°25′20.9″N 123°54′50.3″W
(See Chart No. 1, L30.1)

This notice affects Electronic Navigational Chart: CA370016, CA370381, CA370382, CA470004

Reposition green port hand pillar buoy, marked V11 from 48°20′31.3″N 123°33′28.7″W
to 48°20′31.1″N 123°33′28.2″W
(See Chart No. 1, Qg)

This notice affects Electronic Navigational Chart: CA570101

Mariners are advised that depths shown in the vicinity of Boundary Bay are subject to change as a result of silting.

ENVASEMENT
Les navigateurs prendront garde que les profondeurs cartographiées à proximité de Boundary Bay peuvent changer en raison de l’ensablement.

This notice affects Electronic Navigational Chart: CA370145

Add SILTING

49°03′15.0″N 122°58′00.0″W

This notice affects Electronic Navigational Chart: CA370145

Fisheries and Oceans Canada
Official Publication of the Canadian Coast Guard
DFO/2019-2026
Add submarine cable joining 49°20′36.4″N 123°25′44.2″W
(See Chart No. 1, L30.1)
49°20′38.4″N 123°27′22.3″W
49°20′28.6″N 123°28′07.9″W
49°20′34.4″N 123°29′13.5″W
49°21′16.4″N 123°31′58.7″W
and 49°22′00.0″N 123°34′23.7″W
This notice affects Electronic Navigational Chart: CA370016, CA370381, CA370382, CA470004  
DFO(6203983-01)

3475 - Dodd Narrows to/à Flat Top Islands - New Edition - 30-DEC-2005 - NAD 1983
08-FEB-2019
Add pile
(See Chart No. 1, F22)
This notice affects Electronic Navigational Chart: CA570156

Add pile
(See Chart No. 1, F22)
This notice affects Electronic Navigational Chart: CA570156

Add breakwater between 49°08′22.9″N 123°51′04.9″W and 49°08′19.0″N 123°51′06.2″W
(See Chart No. 1, F4.1)
This notice affects Electronic Navigational Chart: CA570156

3489 - Pattullo Bridge to/à Barnston Island - Sheet/Feuille 1 - New Chart - 21-OCT-1994 - NAD 1983
22-FEB-2019
Affix patch

3489 - Barnston Island to/à Crescent Island - Sheet/Feuille 2 - New Chart - 21-OCT-1994 - NAD 1983
22-FEB-2019
Affix patch

22-FEB-2019
Add rock awash at chart datum
(See Chart No. 1, K12)
This notice affects Electronic Navigational Chart: CA370381, CA470095

DFO(6203983-01)
Add submarine cable
(See Chart No. 1, L30.1)
joining 49°20′36.4″N 123°25′44.2″W
49°20′38.4″N 123°25′54.4″W
49°20′34.1″N 123°27′22.3″W
49°20′28.6″N 123°28′07.9″W
49°20′34.4″N 123°29′13.5″W
49°20′52.8″N 123°30′59.8″W
49°21′16.4″N 123°31′58.7″W
49°24′39.7″N 123°44′00.9″W
49°25′57.3″N 123°46′53.1″W
49°26′13.0″N 123°49′17.7″W
49°25′16.2″N 123°55′18.0″W
49°23′40.5″N 124°07′10.7″W
49°23′16.2″N 124°08′57.8″W
49°22′57.4″N 124°09′36.9″W
49°20′40.8″N 124°17′00.6″W
49°20′39.6″N 124°18′06.3″W
49°21′00.7″N 124°20′14.0″W
49°20′55.8″N 124°20′43.9″W
and 49°20′37.5″N 124°21′11.7″W

This notice affects Electronic Navigational Chart: CA370016, CA370381, CA370382, CA470004
DFO(6203983-01)

22-FEB-2019
Add submarine cable
(See Chart No. 1, L30.1)
between 49°20′39.0″N 124°21′11.0″W
and 49°20′56.9″N 124°20′41.2″W
This notice affects Electronic Navigational Chart: CA370016, CA370381, CA370382, CA470004
DFO(6203983-01)

22-FEB-2019
Delete depth of 5.5 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA470095
DFO(6203964-01)

Add rock which covers and uncovers with drying height of 0.6 metres
(See Chart No. 1, K11)
This notice affects Electronic Navigational Chart: CA470095
DFO(6203964-02)

Add rock awash at chart datum
(See Chart No. 1, K12)
This notice affects Electronic Navigational Chart: CA370381, CA470095
DFO(6203964-03)

Add rock which covers and uncovers with drying height of 0.5 metres
(See Chart No. 1, K11)
This notice affects Electronic Navigational Chart: CA470095
DFO(6203964-04)

Add depth of 1.5 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA470095
DFO(6203964-05)
Add depth of 4.2 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA470095

22-FEB-2019
LNM/D. 17-AUG-2018
Affix patch
49°44'00.0"N 123°53'00.0"W
This notice affects Electronic Navigational Chart: CA470095

22-FEB-2019
LNM/D. 07-JUL-2017
Add submarine cable
(See Chart No. 1, L30.1)
joining 49°20′36.4″N 123°25′44.2″W
49°20′38.4″N 123°25′54.4″W
49°20′34.1″N 123°27′22.3″W
49°20′28.6″N 123°28′07.9″W
49°20′34.4″N 123°29′13.5″W
49°20′52.8″N 123°30′59.8″W
49°21′16.4″N 123°31′58.7″W
and 49°21′32.2″N 123°32′52.8″W
This notice affects Electronic Navigational Chart: CA370016, CA370381, CA370382, CA470004

22-FEB-2019
LNM/D. 24-AUG-2018
Affix patch
50°43′00.0″N 127°29′00.0″W
This notice affects Electronic Navigational Chart: CA470004

15-FEB-2019
LNM/D. 05-OCT-2018
Delete starboard hand daybeacon
(See Chart No. 1, Qt)

Add drying height of 0.8 metres
(See Chart No. 1, I15)
This notice affects Electronic Navigational Chart: CA470227

3890 - Alliford Bay - New Chart - 14-MAR-1986 - NAD 1927
01-FEB-2019
LNM/D. 28-SEP-2018
Amend Fl to read Fl 6s against light
(See Chart No. 1, P1)
3894 - Selwyn Inlet to Lawn Point - New Edition - 12-JUN-1998 - NAD 1983
01-FEB-2019
Amend Fl to read Fl 6s against light
(See Chart No. 1, P1)
53°12′55.8″N 131°59′34.1″W
LL(782) DFO(6203940-01)

22-FEB-2019
Amend Fl to read Fl 6s against light
(See Chart No. 1, P1)
51°25′27.5″N 127°42′01.5″W
LL(583) DFO(6203984-01)

15-FEB-2019
Add yellow ODAS/SADO lighted pillar buoy Fl(5) Y20s, marked Priv
(See Chart No. 1, Q58)
This notice affects Electronic Navigational Chart: CA470358
51°39′10.1″N 128°05′13.0″W
DFO(6203958-01)

3945 - Coghlan Anchorage - New Chart - 25-DEC-2009 - NAD 1983
08-FEB-2019
Add rock which covers and uncovers with drying height of 1.1 metres
(See Chart No. 1, K11)
This notice affects Electronic Navigational Chart: CA570592
53°25′25.4″N 129°14′14.6″W
DFO(6203952-01)
Delete depth of 0.4 metres
(See Chart No. 1, I10)
This notice affects Electronic Navigational Chart: CA570592
53°25′25.3″N 129°14′14.7″W
DFO(6203952-02)

3947 - Grenville Channel to Chatham Sound - New Chart - 25-DEC-2009 - NAD 1983
08-FEB-2019
Reposition ON CERTAIN COPIES rock which covers and uncovers with drying height of 0.4 metres
(See Chart No. 1, K11)
from 54°10′18.4″N 130°17′00.3″W
to 54°10′18.4″N 130°17′03.0″W
DFO(6203951-01)

22-FEB-2019
Add green port hand can buoy
(See Chart No. 1, Qg)
64°54′49.0″N 125°46′36.0″W
DFO(6604517-01)
NO CORRECTIONS FOR THIS SECTION.
ARC 401 — Hudson Strait, Hudson Bay and Adjoining Waters, First Edition, 2009 —

Chapter 6 — Paragraph 238
Delete: 000°
Replace by: 358½°

Chapter 6 — Paragraph 239
Delete: 029½°
Replace by: 027°

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

Chapter 4 — Delete paragraph 235
Replace by: 235 **Golden Ears Bridge** (*TransLink*) is a fixed span road bridge. Bishops Reach (north side) has a vertical clearance of 34 m. Parsons Channel (south side) has a vertical clearance of 14 m.

Chapter 9 — Before paragraph 369
Insert: 368.1 Two underwater **rocks**, close NE of Three Islets are a **hazard** to navigation. These rocks, and Three Islets collectively, are known locally as **Cod Rocks**. Mariners are advised to give Cod Rocks a wide berth.

Chapter 9 — Adjacent to paragraph 368.1, add a caution pictograph.

INDEX — After “Cockburn Bay, C9/P124”
Insert: Cod Rocks, C9/P368.1

PAC 202 — Discovery Passage to Queen Charlotte Strait and West Coast of Vancouver Island, First Edition, 2016 —

Chapter 6 — Paragraph 63
Delete: and has a **starboard hand daymark**

Chapter 6 — Paragraph 263
Delete: has a **starboard hand daymark**
Replace by: is shown from a mast

PAC 205 — Inner Passage, Queen Charlotte Sound to Chatham Sound, First Edition, 2002 —

Chapter 1 — In the vicinity of paragraph 452
Delete the photograph of **Dryad Point light** *(1986)* and replace it with the new **Dryad Point Light** *(2018)* photograph provided in Section 4 of this Monthly Edition.

Chapter 1 — Paragraph 165
Delete: 44 feet (13.3 m) from a white mast
Replace by: 62 feet (19 m) from a white tower

Chapter 1 — After paragraph 237
Insert: 237.1 **Baird Point light** (742.5), on the west side of McCauley Island, is shown from a white tower fitted with a Racon (— • —).

Chapter 1 — Adjacent to paragraph 237.1, add a light pictograph.

Chapter 1 — Paragraph 249
Delete: 15 feet (4.7 m) from a white tower
Replace by: 22 feet (6.6 m) from a white tower with a green band at the top

Chapter 1 — Paragraph 500
Delete: 27 feet (8.2 m) from a skeleton tower
Replace by: 30.5 feet (9.3 m) from a white tower

Chapter 1 — Paragraph 503
Delete: grey tower
Replace by: mast with a white base

Chapter 1 — Paragraph 508
Delete: 28 feet (8.6 m) from a white tower
Replace by: 29.5 feet (9 m) from a white tower with a red band at the top

Chapter 1 — Paragraph 524
Delete: 15 feet (4.7 m) from a skeleton tower
Replace by: 23 feet (7 m) from a white tower with a red band at the top

Chapter 1 — Paragraph 527
Delete: 34 feet (10.3 m) from a skeleton tower
Replace by: 28 feet (8.4 m) from a white tower with a green band at the top

Chapter 1 — Delete paragraph 634
Replace by: 634 **Nepean Rock South Cardinal light and bell buoy**
“EM” (741.5), SW of Fleishman Point at the west entrance to Otter Channel, is fitted with a Racon (— • —).
Chapter 2 — After paragraph 141
Insert: 141.1 Boat Rock light (US 21915), 2 miles NE of Cape Fox, is shown at an elevation of 38 feet (11.6 m) from a spindle. The light is obscured from 049° to 210°, through east and south.

(P2018-30.9)

Chapter 2 — Adjacent to paragraph 141.1, add a light pictograph.

(P2018-30.10)

Chapter 2 — Paragraph 375
Delete: orange
Replace by: red

(P2018-30.11)

Chapter 3 — Paragraph 165
Delete: 2 feet (0.6 m)
Replace by: 3 feet (1.0 m)

(P2018-30.12)

Chapter 3 — Paragraph 168
Delete: 14-foot (4.3 m)
Replace by: 13-foot (4 m)

(P2019-1.3)

Chapter 3 — Paragraph 173
Delete: 15 feet (4.6 m)
Replace by: 13 feet (4.1 m)

(P2019-1.4)

Chapter 3 — Delete paragraph 402
Replace by: 402 Lights. — Kwuna Point light (782), on rocks NW of the public dock, is shown at an elevation of 6.4 m from a white tower.

(P2018-30.13)
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.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position (Latitude N., Longitude W.)</th>
<th>Light Characteristics</th>
<th>Focal Height in m. above water</th>
<th>Nominal Range</th>
<th>Description (Height in meters above ground)</th>
<th>Remarks</th>
<th>Fog Signals</th>
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<tbody>
<tr>
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<tr>
<td><strong>PACIFIC COAST</strong></td>
<td><strong>WEST COAST, VANCOUVER ISLAND (LL 66 – 179.1)</strong></td>
<td><strong>Hand Island</strong></td>
<td>On islet NE. of island.</td>
<td>Fl W 4s 8.8 5 White square tower.</td>
<td></td>
<td>Visible from 108° through S., W, and N. to 005°; obscured from 005° to 011°; visible from 011° to 040°; obscured from 040° to 108°.</td>
<td>Year round.</td>
<td></td>
</tr>
<tr>
<td>147</td>
<td>G5254.2</td>
<td>48 57 07.6 125 18 27.8</td>
<td></td>
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<tr>
<td>171.5</td>
<td><strong>Grappler Inlet</strong></td>
<td>On point, N. shore, W. of Port Desire.</td>
<td>Fl W 4s 1.4 4 Pipe tower.</td>
<td>Year round.</td>
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<tr>
<td>417</td>
<td>G5419.4</td>
<td>49 20 24.0 123 25 58.3</td>
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<tr>
<td><strong>HOWE SOUND (LL 417 – 432)</strong></td>
<td><strong>Cape Roger Curtis</strong></td>
<td>On cape, near entrance to Collingwood Channel.</td>
<td>Fl(3) W 12s 9.6 5 White square tower. Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Radar reflector.</td>
<td>Year round.</td>
<td></td>
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<tr>
<td>583</td>
<td>G5668</td>
<td>51 25 27.5 127 42 01.4</td>
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<tr>
<td><strong>QUEEN CHARLOTTE SOUND (LL 569.2 – 586)</strong></td>
<td><strong>Major Brown Rock</strong></td>
<td>On rock, entrance to Rivers Inlet.</td>
<td>Fl W 6s 13.3 5 Square skeleton tower. Flash 0.5 s; eclipse 5.5 s.</td>
<td>Year round.</td>
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Chart:3670 Edn 02/19 (P18-147)

Chart:3646 Edn 02/19 (P19-015)

Chart:3526 Edn 02/19 (P19-009)

Chart:3934 Edn 02/19
CANADIAN COAST GUARD – MARINE INFORMATION REPORT AND SUGGESTION SHEET

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

Address of Sender: ..........................................................................................................................................................

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

OR

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

For general questions on Canadian Coast Guard programs or services, please send an e-mail to:

info@dfo-mpo.gc.ca