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Canada

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Coast Guard

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canadienne



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Maritime Services Directorate
Aids to Navigation



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 Tides 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) before the chart action and in the section 1. 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. Listing 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 navigational aids 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 Notices to Mariners. - Mariners are advised that only the most critical changes that directly affect safety to navigation are issued in Chart Corrections - Section 2. 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 height of a light may not result in the production of a chart correction, in *Notices to Mariners*, but may result in a *List of Light, Buoys and Fog Signals* correction.

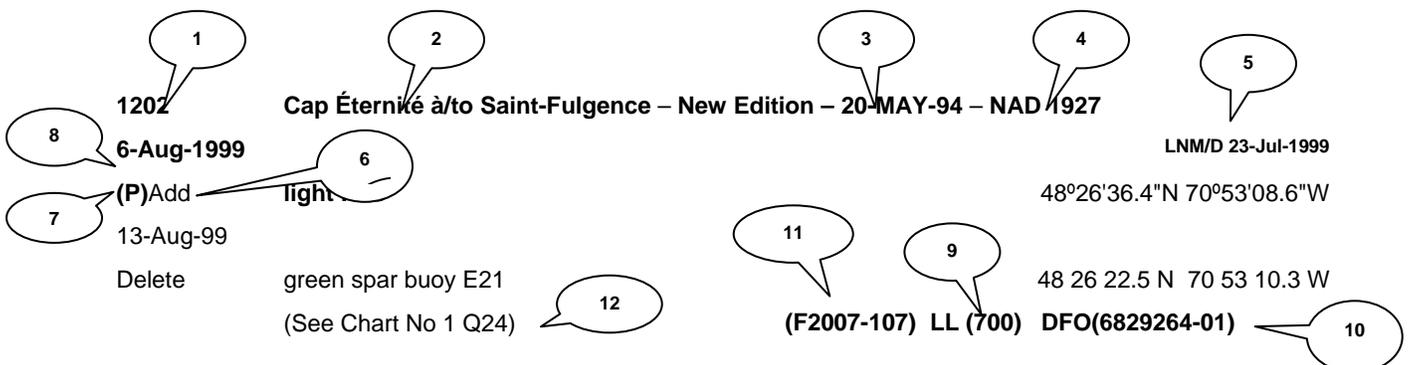
In case of discrepancy between information provided on CHS charts related to aids to navigation, and the List of Light publication, the latter shall be deemed as containing the most up to date information

Canadian Nautical Charts & Publications - A source list of *Canadian Nautical Charts & Publications* is published in Notice No. 14 of the *Notices to Mariners Annual Edition April 2011*. The source supply and the prices effective at the time of printing are listed. For current chart edition dates refer to the following web site: <http://www.chs-shc.gc.ca/charts-cartes/paper-papier/index-eng.asp>

NOTE: Cette publication est aussi disponible en français.

CHART CORRECTIONS - SECTION 2

Corrections to nautical charts will be listed in numeric 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 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.



1 - Chart Number	5 - Last Correction	9 - List of light number
2 - Chart Title	6 - Chart action	10 - CHS reference number
3 - Chart's latest New Edition date	7 - Notice type	11 - CCG reference number
4 - Horizontal Chart Datum	8 - Weekly chart correction date	12 - Chart No 1 reference number

The last correction number is identified with the **LNM/D** or **Last Notice to Mariners Number / Date**. This number is expressed in either old notice number format (ex.: 594/99) or in day-month-year format which is the date known as the weekly chart correction date shown in the above diagram as item (8).

ADVISORY

NOTICES TO SHIPPING (WRITTEN AND BROADCAST)

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

These changes are advertised as Notices to Shipping (Broadcast and Written) by the Canadian Coast Guard and are followed up with Notices to Mariners, then charts are updated by hand correction, reprints or new editions.

Mariners are advised that all relevant Written Notices to Shipping should be kept until superseded by Notices to Mariners or through revised charts issued by the Canadian Hydrographic Service.

Written Notices to Shipping are published weekly and are available from local Canadian Coast Guard Offices.

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

For further information contact your local Regional Notices to Shipping (Notships) issuing authorities.

Pacific

Fisheries and Oceans Canada,
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555 West Hastings Street
VANCOUVER BC V6B 4N6

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Website: http://www.pacific.ccg-gcc.gc.ca/mcts-sctm/vancouver/index_e.htm

Fisheries and Oceans Canada,
Canadian Coast Guard,
Inuvik MCTS Centre
P.O. Box 2659
INUVIK NT X0E 0T0

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For information on Notices to Shipping:

RMIC Email: rmic-pacific@pac.dfo-mpo.gc.ca
Website: http://www.pacific.ccg-gcc.gc.ca/mcts-sctm/notship/index_e.htm

MONTHLY EDITION OF NOTICES TO MARINERS

WEB ACCESS

We are offering a feature where subscribers to our on-line service are able to receive the complete electronic monthly edition of our Notices to Mariners. We are encouraging our clients to visit the <http://www.notmar.gc.ca/subscribe/> website to subscribe for this service.

Users wishing to receive information updates for their charts can do so by setting up a "User Profile" on the following web page <http://www.notmar.gc.ca/search/mycharts-eng.php?czoXOToibnRtPXN0ZXBfb25lJmXhbmc9ZSI7>
This feature permits users to register the nautical charts they currently have in their possession. Registrants are then automatically notified by e-mail when a Notice to Mariners is published concerning these charts.

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**SECTION 1 – Edition 09/2011
SAFETY AND GENERAL INFORMATION**

CANADIAN HYDROGRAPHIC SERVICE - ANNOUNCEMENT REGARDING CANADIAN HYDROGRAPHIC SERVICE 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

The cumulative Notices to Mariners corrections for charts can now be accessed at <http://www.notmar.gc.ca/search/notmar-eng.php>

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 <http://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 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.

CANADIAN HYDROGRAPHIC SERVICE - TRANSPORT CANADA NAVIGATION SAFETY - ECDIS

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.

**SECTION 1 – Edition 09/2011
SAFETY AND GENERAL INFORMATION**

***901 CANADIAN HYDROGRAPHIC SERVICE - NAUTICAL CHARTS**

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
New Chart					
3456	Halibut Bank to/à Ballenas Channel	1:30000	01-JUL-2011	2	\$20.00
New Edition	All temporary and preliminary notices affecting the previous versions of the following chart(s) (is / are) now cancelled. For any outstanding notices please consult section 2 of this edition.				
4432	Archipel de Mingan	1:70000	11-MAR-2011	1	\$20.00

***902 CANADIAN HYDROGRAPHIC SERVICE - ELECTRONIC NAVIGATIONAL CHARTS**

RELEASED PRODUCTS	
S-57 ENC NUMBER	CHART TITLE
CA273298	Barrow Strait and/et Wellington Channel
CA276800	Yarmouth to/à Halifax
CA373110	Coppermine Point to Cape Gargantua
CA376061	Country Harbour to/à Ship Harbour
CA376067	Cape Canso to/à Country Island
CA376075	Bay Bulls to/à St. Mary's Bay
CA376166	Saint-Pierre and Miquelon (France)
CA376230	Cape Canso to Liscomb Island
CA376278	Bras D'Or Lake-East Bay
CA379026	Archipel de Mingan
CA473034	Summerland Group to/à Grindstone Island
CA473285	Bruce Mines to/à Sugar Island
CA476063	Great Bras D'Or, St. Andrews Channel and/et St. Anns Bay
CA476080	Head of/Fond de Placentia Bay - Continuation A
CA476104	Ecum Secum
CA476125	Miramichi
CA476126	Miramichi River - Chatham to/à Newcastle
CA476380	St. Lewis Sound and/et Inlet
CA479027	Havre de Mingan
CA573008	Toronto Harbour
CA573105	Port Burwell
CA573108	Clarkson Harbour
CA576007	Marine Atlantic Terminal/Terminal de Marine Atlantique
CA576008	Digby
CA576066	Otter Harbour
CA576072	Lumley Cove
CA576107	Trepassey Harbour
CA576115	Holyrood
CA576116	Ultramar (Wharf/Quai)
CA576117	Generator Plant (Wharf) / Centrale d'énergie (Quai)
CA576118	Holyrood (Marina)
CA576142	Baddeck Harbour
CA576144	MacIvers Pt. to/à Little Narrows
CA576169	Lewisporte
CA576226	Marystown, Mooring Cove Wharves / Quais
CA576227	Marystown Wharves / Quais
CA576232	Lower Cove
CA576280	Carmenville
CA576386	St. John's Harbour
CA576387	Quidi Vidi
CA576416	Carbonear - Public Wharf/Quai
CA576649	Cow Head Wharves

**SECTION 1 – Edition 09/2011
SAFETY AND GENERAL INFORMATION**

WITHDRAWN PRODUCTS	
S-57 ENC NUMBER	CHART TITLE
CA570102	Pedder Bay ¹
CA570187	Pender Canal ²
CA579005	Havre Saint-Pierre ³
FOOTNOTES:	
1	Edition 4 of CA570102 incorporated into the recent release of an Update of CA570101 issued on 02-July-2011
2	Edition 4 of CA570187 incorporated into the recent release of CA570186 (see Notices to Mariners Edition 6, 2010)
3	Edition 8 of CA579005 incorporated into the recent release of CA579004 (see Notices to Mariners Edition 7, 2011)

***903 CANADIAN HYDROGRAPHIC SERVICE - RASTER DIGITAL CHARTS (BSB V4)**

CHARTS	MAIN TITLE	PUBLISHED
New Chart		
R/M5058	North Head to/à Murphy Head	25-JUN-2010
New Editions	All temporary and preliminary notices affecting the previous versions of the following chart(s) (is / are) now cancelled. For any outstanding notices please consult section 2 of this edition.	
R/M1550A	Britannia Bay à/to Breckenridge	27-MAY-2011
R/M1550B	Breckenridge à/to Chats Falls	27-MAY-2011
R/M4429	Havre Saint-Pierre et les approches/and Approaches	18-FEB-2011
R/M4432	Archipel de Mingan	11-MAR-2011
Reprint		
R/M3050	Kootenay Lake and River	19-NOV-2010

***904 ENVIRONMENT CANADA – METAREAS XVII AND XVIII**

Notification of Full Operational Capability of METAREA XVII and XVIII - Canada.

Commencing on 01 June 2011 marine forecast service to METAREA XVII and XVIII will transition to Full Operational Capability. Meteorological warnings and forecasts for METAREA XVII and XVIII will be promulgated by Environment Canada in accordance with the joint IMO/IHO/WMO Maritime Safety Information manual.

During the navigation season meteorological warnings and forecasts for sections of METAREA XVII and XVIII south of 75 degrees latitude will be broadcast via Inmarsat-C EGC SafetyNET. Scheduled broadcast times are:

METAREA XVII (POR) at 0300 UTC and 1500 UTC daily.
METAREA XVIII (AOR-W) at 0300 UTC and 1500 UTC daily.

Messages will be transmitted to a rectangular addressed area until Inmarsat-C or Mini-C terminals operating in Arctic waters have been updated. Users should note that meteorological MSI received by their Sat-C terminals may be labelled as navigational MSI.

During the navigation season meteorological warnings and forecasts for sections of METAREA XVII and XVIII north of 70 degrees latitude will be broadcast via HF Narrow Band Direct Printing on 8416.5 kHz from the Canadian Coast Guard centre in Iqaluit NU. Scheduled broadcast times are 0330 UTC and 1530 UTC daily.

Mariners should note that actual HF service provision dates will be announced by Canadian Coast Guard notice to shipping.

Contact information for METAREA XVII and XVIII is:

phone: +1 709 256 6612
fax: +1 709 256 6627
email: metareas17.18@ec.gc.ca

**SECTION 1 – Edition 09/2011
SAFETY AND GENERAL INFORMATION**

***905 ENVIRONMENT CANADA - EXPANSION OF MARINE FORECAST SERVICE TO SECTIONS OF METAREAS XVII AND XVIII**

Effective June 28, 2011 at 1600 UTC the following METAREAs forecast bulletins will be modified to include new forecast zones.

At this time bulletins are available in English only.

Telecommunication Header / Bulletin Title / New Forecast Zones:

FQCN01 CWNT - marine forecasts for METAREA XVII north of 75N - Zone 1 centred on 75.7N135W, Zone 2 centred on 77.3N135W, South Prince Patrick, Prince Patrick, North Prince Patrick.

FQCN03 CWNT - marine forecasts for METAREA XVIII north of 75N - Fitzwilliam, Griper, Ballantyne, Brock, Wilkins, Borden, Hazen, Gustaf, Peary, South Ellef Ringnes, Ellef Ringnes, Hassel, Massey, South Sverdrup, North Sverdrup, South Axel Heiberg, Axel Heiberg, Greely, Nansen, Ellesmere, Ward Hunt, Bartlett, Alert.

FQCN04 CWNT - marine forecasts for METAREA XVIII south of 75N - Liddon.

These new marine forecast zones are generally located between the northwestern Canadian Arctic archipelago and the Canadian Exclusive Economic Zone boundary.

Detailed information regarding the geographic boundaries associated with these new marine zones may be obtained by contacting the Meteorological Service of Canada at the following:

Telephone: +1 (709) 256-6612
Facsimile: +1 (709) 256-6627
Email: metareas17.18@ec.gc.ca

Or by consulting the Joint Commission on Oceanography and Marine Meteorology (JCOMM) web site at <http://weather.gmdss.org> or by consulting the Canadian Coast Guard notices to mariners (NOTMAR) web site at <http://notmar.gc.ca>.

**SECTION 1 – Edition 09/2011
SAFETY AND GENERAL INFORMATION**

Fig. 1: Map of the new high Arctic marine forecast zones.

Download image - <http://notmar.gc.ca/eng/services/notmar/9s1e11.jpg> or <http://notmar.gc.ca/eng/services/notmar/9s1e11.pdf>

Table 1: Names of the new high Arctic marine forecast zones.

High Arctic Waters	
201	Zone 1 centred on 75.7° N 135° W
202	Zone 2 centred on 77.3° N 135° W
203	South Prince Patrick
204	Prince Patrick
205	North Prince Patrick
206	Liddon
207	Fitzwilliam
208	Griper
209	Ballantyne
210	Brock
211	Wilkins
212	Borden
213	Hazen
214	Gustaf
215	Peary

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216	South Ellef Ringnes
217	Ellef Ringnes
218	Hassel
219	Massey
220	South Sverdrup
221	North Sverdrup
222	South Axel Heiberg
223	Axel Heiberg
224	Greely
225	Nansen
226	Ellesmere
227	Ward Hunt
228	Bartlett
229	Alert

***906 CANADIAN HYDROGRAPHIC SERVICE – ELECTRONIC NAVIGATION CHARTS**

Juan de Fuca Strait, Haro Strait and Boundary Passage

To comply with internationally agreed practices, Canada and the United States of America have agreed to eliminate overlapping coverage of Electronic Navigation Charts (ENCs). The first area where these changes will take effect are Juan de Fuca Strait, Haro Strait and Boundary Passage. This new ENC coverage scheme will result in each country changing their areas of coverage, so that only one country's ENC would be available for any given area. New limits are posted on the Important Messages box displayed at: <http://www.charts.gc.ca/index-eng.asp>.

These changes come into effect 0000 Coordinated Universal Time (UTC), on 15 December, 2011.

When the revised ENCs are available to the public a Notice to Mariner will be issued.

**SECTION 2 – Edition 09/2011
CHART CORRECTIONS**

3312 - Continuation A - Sheet 29 - New Edition - 05-JAN-2007 - NAD 1983

02-SEP-2011		LN/D. 26-AUG-2011
Delete	depth of 19.7 metres (See Chart No. 1, I10)	50°29'05.9"N 124°22'40.7"W
		<i>DFO(6202478-01)</i>
Add	depth of 6.1 metres (See Chart No. 1, I10)	50°29'07.4"N 124°22'46.1"W
		<i>DFO(6202478-02)</i>
Add	depth of 13.3 metres (See Chart No. 1, I10)	50°29'02.3"N 124°22'47.8"W
		<i>DFO(6202478-03)</i>

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

09-SEP-2011		LN/D. 05-AUG-2011
Amend	Adjoining Chart/Carte adjacente 3512 to read Adjoining Chart/Carte adjacente 3456 (See Chart No. 1, A20)	outside north border at 123°49'30.0"W
		<i>DFO(6202480-05)</i>
Amend	Adjoining Chart/Carte adjacente 3512 to read Adjoining Chart/Carte adjacente 3456 (See Chart No. 1, A20)	outside north border at 123°58'30.0"W
		<i>DFO(6202480-06)</i>

3459 - Approaches to/Approches à Nanoose Harbour - New Edition - 24-OCT-1997 - NAD 1983

09-SEP-2011		LN/D. 29-OCT-2010
Amend	Adjoining Chart/Carte adjacente 3512 to read Adjoining Chart/Carte adjacente 3456 (See Chart No. 1, A20)	outside east border at 49°18'18.0"N
		<i>DFO(6202480-04)</i>

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

09-SEP-2011		LN/D. 15-JUL-2011
Add	Chart/Carte 3456 (See Chart No. 1, A18)	49°17'48.0"N 123°45'00.0"W
		<i>DFO(6202480-03)</i>

L/C3512 - Strait of Georgia, Central Portion/Partie Centrale - New Edition - 25-DEC-1998 - NAD 1983

09-SEP-2011		LN/D. 26-AUG-2011
Add	Chart/Carte 3456 (See Chart No. 1, A18)	49°17'42.0"N 123°45'54.0"W
		<i>DFO(6202480-01)</i>
	This notice might affect Electronic Navigational Chart: CA370381	
Add	Chart/Carte 3456 (See Chart No. 1, A18)	49°21'30.0"N 124°06'00.0"W
		<i>DFO(6202480-02)</i>
	This notice might affect Electronic Navigational Chart: CA370381	

3541 - Continuation A - Sheet 1 - New Edition - 29-JUL-1994 - NAD 1983

02-SEP-2011		LN/D. 21-JAN-2011
Delete	depth of 19.7 metres (See Chart No. 1, I10)	50°29'05.9"N 124°22'40.7"W
		<i>DFO(6202478-01)</i>

**SECTION 2 – Edition 09/2011
CHART CORRECTIONS**

Add	depth of 6.1 metres (See Chart No. 1, I10)	50°29'07.4"N 124°22'46.1"W	
			<i>DFO(6202478-02)</i>
Add	depth of 13.3 metres (See Chart No. 1, I10)	50°29'02.3"N 124°22'47.8"W	
			<i>DFO(6202478-03)</i>
3646 - Bamfield Inlet - Sheet 1 - New Edition - 30-JUN-1995 - NAD 1983			
09-SEP-2011			LNM/D. 21-JAN-2011
Delete	orange and white can mooring buoy (See Chart No. 1, Q40)	48°49'48.2"N 125°07'33.2"W	
			<i>DFO(6202479-01)</i>
Delete	orange and white can mooring buoy (See Chart No. 1, Q40)	48°49'48.5"N 125°07'35.7"W	
			<i>DFO(6202479-02)</i>
3724 - Caamaño Sound and Approaches/et les approches - New Edition - 23-MAY-1980 - Unknown			
23-SEP-2011			LNM/D. 12-AUG-2011
Delete	depth of 10 fathoms (See Chart No. 1, I10)	53°05'28.5"N 129°23'21.0"W	
			<i>DFO(6202491-01)</i>
Add	depth of 1¼ fathom (See Chart No. 1, I10)	53°05'24.9"N 129°23'24.0"W	
			<i>DFO(6202491-02)</i>
Add	rock which covers and uncovers, with height above chart datum of 2 feet (See Chart No. 1, K11)	53°05'59.0"N 129°16'06.0"W	
			<i>DFO(6202491-03)</i>
3737 - Laredo Channel including/y compris Laredo Inlet and/et Surf Inlet - New Edition - 14-AUG-1987 - Unknown			
23-SEP-2011			LNM/D. 12-AUG-2011
Add	rock which covers and uncovers, with height above chart datum of 2 feet (See Chart No. 1, K11)	53°05'59.0"N 129°16'06.0"W	
			<i>DFO(6202491-03)</i>
3742 - Otter Passage to/à McKay Reach - New Edition - 16-JUL-1982 - NAD 1927			
23-SEP-2011			LNM/D. 05-AUG-2011
Delete	depth of 10 fathoms (See Chart No. 1, I10)	53°05'27.5"N 129°23'18.0"W	
			<i>DFO(6202491-01)</i>
Add	depth of 1 fathom 2 feet (See Chart No. 1, I10)	53°05'24.9"N 129°23'24.0"W	
			<i>DFO(6202491-02)</i>
Add	rock which covers and uncovers, with height above chart datum of 2 feet (See Chart No. 1, K11)	53°05'59.0"N 129°16'06.0"W	
			<i>DFO(6202491-03)</i>
3825 - Cape St. James to/à Houston Stewart Channel - New Edition - 22-SEP-2006 - NAD 1983			
30-SEP-2011			LNM/D. 04-DEC-2009
Delete	depth of 20.1 metres (See Chart No. 1, I10)	52°07'15.5"N 131°07'54.0"W	
			<i>DFO(6202492-01)</i>

SECTION 4 – Edition 09/2011
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

British Columbia, Volume 1, Seventeenth Edition, 2004 —

Chapter 3 — Before paragraph 221

Delete: *Charts 3459, 3512*

Replace by: *Charts 3456, 3459, 3512*

(P2011-20.01)

Chapter 3 — Delete paragraph 448

Replace by: ⁴⁴⁸ **Belcarra** is on the east side of Indian Arm at the south end of **Belcarra Bay**. The public wharf, with an L-shaped float, has a depth of 2.4 m alongside and is for unloading and loading only, overnight mooring is not permitted. A **submarine pipeline** runs from the **Belcarra** public wharf to **Cove Cliff**. **Belcarra Regional Park** is near the entrance of Indian Arm on the east shore.

(P2011-18.01)

Chapter 7 — Paragraph 13

Delete: 1.8 m

Replace by: 1.2 m

(P2011-19.01)

Chapter 10 — Delete paragraph 793.

(P2011-21.01)

SECTION 5 – Edition 09/2011
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
484.1 G5574.64	Whiterock Passage range 1	W. side of Read Island. 50 14 45.7 125 06 13.5	F Y	..... 2.7	10	Mast, white trapezoidal daymark, red vertical stripe.	Year round.
484.2 G5574.65		065°23' 25.9m from front.	F Y	..... 5.2	10	Mast, white trapezoidal daymark, red vertical stripe.	Year round.
Chart:3537 Edn 09/11(P11-023,026)							
484.3 G5574.7	Whiterock Passage range 2	W. side of Read Island. 50 14 37.9 125 06 27.3	F Y	..... 3.0	10	Mast, white trapezoidal daymark, red vertical stripe.	Year round.
484.4 G5574.71		211°33' 25m from front.	F Y	..... 5.8	10	Mast, white trapezoidal daymark, red vertical stripe.	Year round.
Chart:3537 Edn 09/11(P11-024,025)							
505 G5547	Courtenay River range	On bank of river. 49 40 38 124 57 32.3	Q Y	1s 4.1	9	1-pile dolphin, red trapezoidal daymark, white vertical stripe.	Year round.
506 G5547.1		320°04' 66.2m from front.	Q Y	1s 7.6	9	3-pile dolphin, red trapezoidal daymark, white vertical stripe.	Year round.
Chart:3527 Edn 09/11(P11-030,031)							
512.6 G5582.8	Tyeer Spit range	50 02 53.1 125 15 34.2	Q Y	1s 4.6	9	3-pile dolphin, white trapezoidal daymark, red vertical stripe.	Year round.
512.7 G5582.81		205°42' 50.9m from front.	Q Y	1s 7.1	9	3-pile dolphin, white trapezoidal daymark, red vertical stripe.	Year round.
Chart:3540 Edn 09/11(P11-027,028)							
538 G5616	Ray Point range	On the point. 50 34 49 126 12 00.9	Q Y	1s 4.7	5	Mast, red trapezoidal daymark, white vertical stripe.	Year round.
539 G5616.1		087°46' 30.5m from front.	Q Y	1s 10.9	9	Mast, red trapezoidal daymark, white vertical stripe.	Year round.
Chart:3564 Edn 09/11(P11-032)							
540 G5617	East Cracroft Island range	On northeastern side of island. 50 34 47.1 126 14 28.1	Q Y	1s 5.4	3	Mast, red trapezoidal daymark, white vertical stripe.	Year round.
541 G5617.1		270°59' 29m from front.	Q Y	1s 15.7	9	Mast, red trapezoidal daymark, white vertical stripe.	Year round.
Chart:3564 Edn 09/11(P11-029)							

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

Date:

Name of Ship or Sender:.....

Address of Sender:

Street #

Street Name

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

Tel / Fax / E-mail address of sender (if appropriate):

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 Volume and page):.....

*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 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:

Director, Navigation Systems
Canadian Coast Guard
Department of Fisheries and Oceans
Ottawa, Ontario, K1A 0E6

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

atn-aln@dfo-mpo.gc.ca

OR

Dominion Hydrographer
Canadian Hydrographic Service
Department of Fisheries and Oceans
Ottawa, Ontario, K1A 0E6

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

CHSINFO@DFO-MPO.GC.CA

Or general questions on Coast Guard programs or services please send an e-mail message to:

info@dfo-mpo.gc.ca

(Please include your postal code and e-mail address)