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Canada

Pêches et Océans
Canada

Canadian
Coast Guard

Garde côtière
canadienne



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NOTICES TO MARINERS PUBLICATION WESTERN EDITION

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<http://www.notmar.gc.ca/subscribe/>

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Maritime Services Directorate
Aids to Navigation



Canada

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.

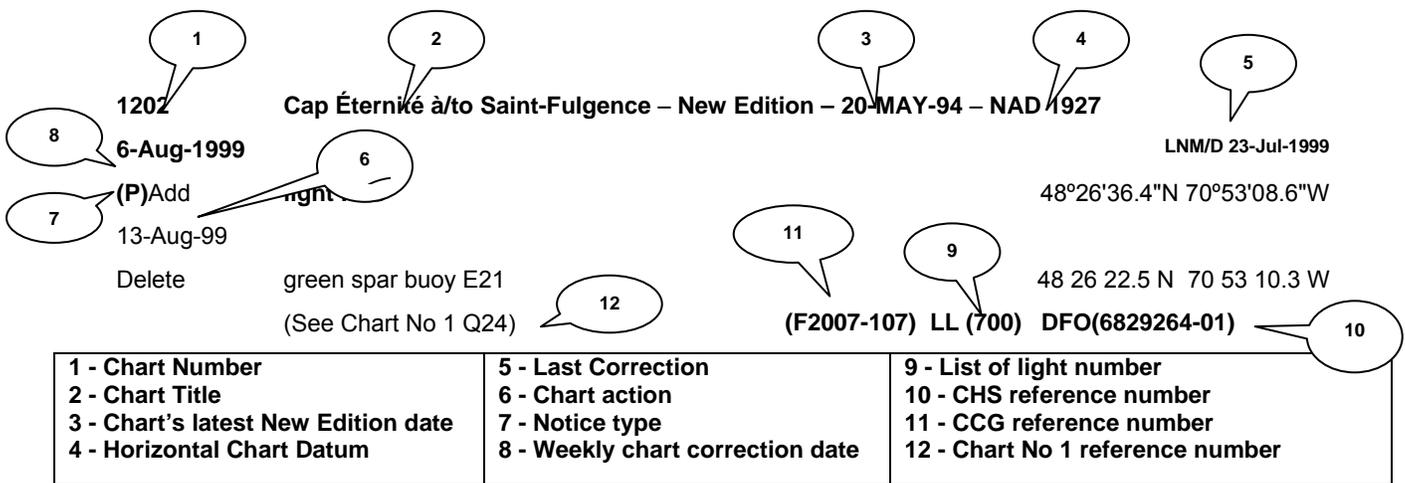
In case of discrepancy between information provided on CHS charts related to aids to navigation, and the List of Light publication, the latter shall be deemed as containing the most up to date information

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 2010*. 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.



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,
Canadian Coast Guard,
Vancouver MCTS
Suite 2380, PO Box 12107
555 West Hastings Street
VANCOUVER BC V6B 4N6

Telephone : 604-666-6011
Telex Number: 043-52586 CGTC VAS VCR
Facsimile : 1-604-666-8453
Email: mctsvancouver@pac.dfo-mpo.gc.ca

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

Telephone: 867-777-2667
Facsimile: 867-777-2851

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 12/2010
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.

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***1201 CANADIAN HYDROGRAPHIC SERVICE - NAUTICAL CHARTS**

NEW PUBLICATIONS	MAIN TITLE	PUBLISHED	PRICE
P191	Canadian Tide and Current Tables/Tables des marées et des courants du Canada - Volume 1 - Atlantic Coast and Bay of Fundy/Côte de l'Atlantique et baie de Fundy	01-JAN-2011	\$6.50
P192	Canadian Tide and Current Tables/Tables des marées et des courants du Canada - Volume 2 - Gulf of St. Lawrence/Golfe du Saint-Laurent	01-JAN-2011	\$6.50
P193	Tables des marées et courants du Canada/Canadian Tide and Current Tables - Volume 3 - Fleuve Saint-Laurent et fjord du Saguenay/St. Lawrence River and Saguenay Fiord	01-JAN-2011	\$6.50
P194	Canadian Tide and Current Tables/Tables des marées et courants du Canada - Volume 4 - Arctic and Hudson Bay/L'Arctique et la baie d'Hudson	01-JAN-2011	\$6.50
P195	Canadian Tide and Current Tables/Tables des marées et courants du Canada - Volume 5 - Juan de Fuca Strait and Strait of Georgia - Détroits de Juan de Fuca et de Georgia	01-JAN-2011	\$6.50
P196	Canadian Tide and Current Tables/Tables des marées et courants du Canada - Volume 6 - Discovery Passage and West Coast of Vancouver Island/Discovery Passage et côte Ouest de l'île de Vancouver	01-JAN-2011	\$6.50
P197	Canadian Tide and Current Tables/Tables des marées et courants du Canada - Volume 7 - Queen Charlotte Sound to Dixon Entrance/Queen Charlotte Sound à Dixon Entrance	01-JAN-2011	\$6.50

***1202 CANADIAN HYDROGRAPHIC SERVICE - ELECTRONIC NAVIGATIONAL CHARTS**

RELEASED PRODUCTS	
S-57 ENC NUMBER	CHART TITLE
CA570445	Chapple Inlet
CA470446	Barnard Harbour
CA570447	Kent Inlet
CA570448	Inlets in / Entrée en Laredo Channel
CA570449	Gillen Harbour
CA570450	Klemtu Passage to / à Tolmie Channel
CA670655	Special Operations Chart, DND Jetty, Manor Pt
CA570132	Darby Channel
CA570193	Approaches to / approches à Nanoose Harbour
CA373067	Oiseau Bay to Jackfish Bay
CA273095	Lake Huron / Lac Huron
CA476048	Wedgeport and Vicinity / et les abords
CA576065	Entrance to Entrée à St. Anns Harbour
CA376102	Barren Island to / à Taylors Head
CA579034	Cap-à-l'Aigle

***1203 CANADIAN COAST GUARD – ANNOUNCEMENT REGARDING LORAN-C SERVICE**

In January 2010, both the Canadian Coast Guard (CCG) and the United States Coast Guard (USCG) announced the termination of the Loran-C signal.

The USCG terminated the transmissions of all U.S. domestic Loran-C signals including those covering the Great Lakes on February 8, 2010.

On August 3rd, 2010, the CCG and USCG jointly terminated the Loran-C service covering the East and West coasts of Canada.

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Mariners are advised that Loran-C service is no longer available and therefore cannot be used for navigation.

Comments should be directed to John Festarini, A/Manager, Aids to Navigation, Canadian Coast Guard, 200 Kent St., 5th floor, Ottawa, ON, Canada, K1A 0E6, E-mail to John.Festarini@dfo-mpo.gc.ca or by phone at (613) 998-1411. http://www.ccg-gcc.gc.ca/eng/Ccg/atn_Loran_C

***1204 TRANSPORT CANADA (TC) - MARINE COMMUNICATIONS AND TRAFFIC SERVICES (MCTS) - NORTHERN CANADA VESSEL TRAFFIC SERVICES ZONE REGULATIONS - ANNOUNCEMENT REGARDING NORDREG**

As of July 1, 2010, the Northern Canada Vessel Traffic Services (NORDREG) Zone reporting system became mandatory for certain vessels. The NORDREG Zone, which covers Canada's northern waters, has also been extended to the outer limit of the exclusive economic zone of Canada. The following vessels are required to report information to NORDREG:

- Vessels of 300 gross tonnage or more;
- Vessels that are engaged in towing or pushing a vessel, if the combined gross tonnage of the vessel and the vessel being towed or pushed is 500 gross tonnage or more; and
- Vessels carrying as cargo a pollutant or dangerous goods, or engaged in towing or pushing a vessel carrying as cargo a pollutant or dangerous goods.

The above vessels destined for the NORDREG Zone or navigating within the zone should contact NORDREG CANADA or the nearest CCG MCTS Centre for full information on how to comply with the new requirements.

***1205 MARINE COMMUNICATIONS AND TRAFFIC SERVICES (MCTS) - ESTABLISHMENT OF ARCTIC MARITIME SAFETY INFORMATION SERVICES - 5 NEW ARCTIC NAVAREAS/METAREAS**

The International Maritime Organization (IMO), the International Hydrographic Organization (IHO), and the World Meteorological Organization (WMO) announce the establishment of five (5) new Arctic NAVAREAs/METAREAs as part of the expansion of the IMO/IHO World-Wide Navigational Warning Service (WWNWS) into Arctic waters. The limits of the new Arctic NAVAREAs/METAREAs are identified in the attached graphic. Effective 01 July 2010, an International SafetyNET Service for broadcasting navigational warnings and meteorological warnings and forecasts in the English language will be declared to be in an "Initial Operational Capability" (IOC) for these waters with a transition to "Full Operational Capability" (FOC) on 01 June 2011.

During the IOC period, these Arctic NAVAREA/METAREAs will be providing navigational warnings and meteorological warnings and forecasts on an intermittent and test basis. The broadcasting of SafetyNET messages to the new Arctic NAVAREA/METAREAs will be addressed to rectangular area(s) until the SafetyNET receiver modifications with the inclusion of the NAVAREA/METAREAs boundary limits and its identification are in place. Reception of rectangular addressed messages should be automatic providing the ship's position is inside the addressed area. However, mariners are advised to check their manufacturer's operation manuals to obtain information on the setting of their EGC receivers to receive relevant SafetyNET messages.

Arctic NAVAREA Co-ordinators and METAREA Issuing Services are:

NAVAREA/METAREA XVII - CANADA
NAVAREA/METAREA XVIII - CANADA
NAVAREA/METAREA XIX - NORWAY
NAVAREA/METAREA XX- RUSSIAN FEDERATION
NAVAREA/METAREA XXI - RUSSIAN FEDERATION

Arctic NAVAREA/METAREA Boundary limits:

NAVAREA/METAREA XVII bound by:

67° 00'.00N 168° 58'.00W,
90° 00'.00N 168° 58'.00W,
90° 00'.00N 120° 00'.00W,
south to the Canadian coastline along the 120°00'.00W meridian;

NAVAREA/METAREA XVIII bound by:

A position on the Canadian coastline at the 120°00'.00W meridian to:
90° 00'.00N 120°00'.00W,
90° 00'.00N 035°00'.00W,
67° 00'.00N 035°00'.00W;

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NAVAREA/METAREA XIX bound by:

From a position on the Norwegian coastline at 65°00'.00N to:

65° 00'.00N 005° 00'.00W,

75° 00'.00N 005° 00'.00W,

west to a position on the Greenland coastline;

From the border between Norway and Russia (Inland) to:

69° 47'.68N 030° 49'.16E,

69° 58'.48N 031° 06'.24E,

70° 22'.00N 031° 43'.00E,

71° 00'.00N 030° 00'.00E,

From this geographical position (71° 00'.00N . 030°00'.00E) further north

along the 030° 00'.00E meridian to:

90° 00'.00N 030° 00'.00E,

90° 00'.00N 035° 00'.00W,

south to the Greenland coastline along the 035° 00'.00W meridian;

NAVAREA/METAREA XX bound by:

From the border between Norway and Russia (Inland) to:

69° 47'.68N 030° 49'.16E,

69° 58'.48N 031° 06'.24E,

70° 22'.00N 031° 43'.00E,

71° 00'.00N 030° 00'.00E,

From this geographical position (71° 00'.00N . 030°00'.00E) further north along

the 030°00'.00E meridian to:

90° 00'.00N 030° 00'.00E,

90° 00'.00N 125° 00'.00E,

then south to the Russian Federation coastline along the 125° 00'.00E meridian;

NAVAREA/METAREA XXI bound by:

From a geographical position on the Russian Federation coastline at

the 125°00'. 00E meridian to:

90° 00'.00N 125° 00'.00E,

90° 00'.00N 168° 58'.00W,

67° 00'.00N 168° 58'.00W,

west to a geographical position on the Russian Federation coastline along

the 67° 00'.00N parallel

Arctic NAVAREA Broadcast Schedules:

NAVAREA XVII (POR) at 1130UTC and 2330UTC

NAVAREA XVIII (AOR-W) at 1100UTC and 2300UTC

NAVAREA XIX (AOR-E) at 0630UTC and 1830UTC

NAVAREA XX (IOR) at 0530UTC and 1730UTC

NAVAREA XXI (POR) at 0630UTC and 1830UC

Arctic METAREA Broadcast Schedules:

METAREA XVII (POR) at 0300UTC and 1500UTC

METAREA XVIII (AOR-W) at 0300UTC and 1500UTC

METAREA XIX (AOR-E) at 1100UTC and 2300UTC

METAREA XX (IOR) at 0600UTC and 1800UTC

METAREA XXI (POR) at 0600UTC and 1800UTC

Feedback concerning the reception of NAVAREA broadcasts, especially above 76°N, is encouraged and may be sent to:

NAVAREA XVII and XVIII - CANADA

Prescott MCTS Centre

Telephone: +1-613-925-4471

Facsimile: +1-613-925-4519

Email: navarea17.18@innav.gc.ca

NAVAREA XIX - NORWAY

Vardoe VTS Centre

Telephone: +47 78 98 98 98

Facsimile: +47 78 98 98 99

Email: navarea19@kystverket.no

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NAVAREA XX and XXI – RUSSIAN FEDERATION

Chief of MSI Division
Telephone: +7 812 570 34 66
Facsimile: +7 812 570 34 66
Email: ibm@hydrograph.spb.su

Feedback concerning the reception of METAREA broadcasts, especially above 76°N, is encouraged and may be sent to:

METAREA XVII and XVIII - CANADA

Contact: Mr. Tom King
Telephone: +1-709-256-6612
Facsimile: +1-709-256-6627
Email: Tom.King@ec.gc.ca

METAREA XIX - NORWAY

Contact: Mr. Helge Tangen
Telephone: +47 7762 1300
Facsimile: +47 7762-1301
Email: helget@met.no

METAREA XX and XXI – RUSSIAN FEDERATION

Contact Name: Mr. Sergey Brestkin
Telephone: +7-812-352-1901
Facsimile: +7-812-352-2688
Email: gmdss@aari.ru

***1206 TRANSPORT CANADA - SHIP SAFETY BULLETINS - (TP-3231) – 2010**

Ship Safety Bulletins address safety-related matters pertaining to vessels. Bulletins are available from Transport Canada's Marine Safety Directorate free of charge and are issued on an "as needed" basis.

A complete list of Ship Safety Bulletins are available on Transport Canada's Web site.

If you do not have access to our Web site and wish to be included in the Ship Safety Bulletins mailing list, please send your request to the Marine Safety location provided below.

As of June 30, 2010, the following bulletins have been issued.

Bulletin Number	Title	Date of Creation
01/2010	New Insurance Requirement For Ships Over 1000 Gross Tonnage Under The Bunkers Convention	2010-01-30
02/2010	Awareness on the Use of Medication on Board Vessels (amendment 2010-04-19)	2010-03-22
03/2010	Ship Elevators Inspection and Maintenance	2010-05-17
04/2010	Fishing Vessel Safety: Hinged Fins as Anti-Roll Devices	2010-05-17

As of November 26, 2010 the following bulletins have been issued.

05/2010	Application for a Candidate Document Number (CDN)	2010-08-04
06/2010	Watchkeeping Mate of a Fishing Vessel of not more than 150 Gross Tonnage and less than 24 Metres in Overall Length	2010-10-25

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Transport Publications (TPs) New and/or Amended - 2010

Publications	Title	Date
14932	Boating Safety Course and Test Syllabus	2010-10-13
13595	Marine Safety Port State Control	2010-10-07
15080	Standard for Pleasure Craft Operator Card Testing Over the Internet	2010-11-04
14707	National Places of Refuge Contingency Plan (PORCP)	2010-01-18
13681	Guidelines For Navigation Under The Confederation Bridge	2010-02-04
511	Safe Boating Guide	2010-10-05
1332	Construction Standards for Small Vessels	2010-05-21
14202	Pollution Prevention Guidelines for the Operation of Cruise Ships under Canadian Jurisdiction	2010-09-22
14590	Navigable Waters Protection Act: Winter Crossings	2010-03-05
14591	Navigable Waters Protection Act: Water Intakes	2010-03-05
14592	Navigable Waters Protection Act: Submarine Cables (Power and Communication)	2010-03-11
14593	Navigable Waters Protection Act: Pipeline Crossings	2010-03-05
14594	Navigable Waters Protection Act: Erosion Protection Works	2010-03-05
14595	Navigable Waters Protection Act: Docks and Boathouses	2010-03-05
14596	Navigable Waters Protection Act: Aerial Cables (Power and Communication)	2010-03-05
14597	Navigable Waters Protection Act: Dredging	2010-03-05
14893	Navigable Waters Protection Act: Temporary Works	2010-03-05
14659	Passport for Anglers and Hunters	2010-04-07
14916	Canada: Committed to Marine Safety, Security, Trade and the Environment	2010-10-13
13741	Pilotage Risk Management Methodology	2010-06-16
15039	Assessment of Proposals Related to Oil Spill Risk for the South Coast of Newfoundland	2010-10-14

Copies of these publications may be obtained from:

Marine Safety
Transport Canada
Place de Ville, Tower "C"
330 Sparks Street, 9th floor
Ottawa, Ontario, K1A 0N8

E-mail: marinesafety-securitemaritime@tc.gc.ca

Web site: Ship Safety Bulletins: <http://www.tc.gc.ca/eng/marinesafety/bulletins-menu.htm>
Transport Publications: <http://www.tc.gc.ca/eng/marinesafety/tp-menu-515.htm>

Phone: (613) 991-3135

Fax: (613) 990-1879

***1212 PLANS - QUATSINO SOUND – DAYBEACON DISCONTINUED**

Reference: Notice 1009(P)/2009 is now cancelled (Chart: 3681).

(P2010-115)

**SECTION 2 – Edition 12/2010
CHART CORRECTIONS**

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

24-DEC-2010 LNM/D. 20-AUG-2010
Add wreck least depth known of 75 fathoms 48°16'45.3"N 125°41'23.6"W
(See Chart No. 1, K26)
DFO(6202383-01)

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

24-DEC-2010 LNM/D. 05-NOV-2010
Add light F R 49°17'37.4"N 123°02'45.6"W
(See Chart No. 1, P1)
(P2010121) LL(408.51) DFO(6202365-01)

Add light FI G 49°17'45.5"N 123°01'04.6"W
(See Chart No. 1, P1)
(P2010123) LL(409.95) DFO(6202367-01)

Delete light FI and radar reflector 49°17'48.1"N 123°00'28.6"W
(See Chart No. 1, P1 and S4)
(P2010124) LL(410) DFO(6202368-01)

Add light Q G 49°17'46.4"N 123°00'36.0"W
(See Chart No. 1, P1)
(P2010124) LL(410) DFO(6202368-03)

3461 – Juan de Fuca Strait, Eastern Portion / Partie Est – New Edition – 01-JUL-2005 – NAD 1983

24-DEC-2010 LNM/D. 15-OCT-2010
Delete GONG against buoy marked 4 48°26'50.3"N 122°42'24.9"W
(See Chart No. 1, R16)
DFO(6202381-01)

3462 - Juan de Fuca Strait to / à Strait of Georgia - New Edition - 01-JUL-2005 - NAD 1983

24-DEC-2010 LNM/D. 12-NOV-2010
Delete GONG against buoy marked 4 48°26'50.3"N 122°42'24.9"W
(See Chart No. 1, R16)
DFO(6202381-01)

3493 - Vancouver Harbour Western Portion / Partie Ouest - New Edition - 11-JUN-2010 - NAD 1983

24-DEC-2010
Add direction light F R with course to be followed of 266° 49°17'37.4"N 123°02'45.6"W
(See Chart No. 1, P30.2)
(P2010121) LL(408.51) DFO(6202365-01)

Add light F RWG 49°17'40.9"N 123°01'27.9"W
(See Chart No. 1, P1)
(P2010122) LL(409.35) DFO(6202366-01)

3494 – Vancouver Harbour Central Portion / Partie Centrale – New Edition – 04-NOV-2005 – NAD 1983

24-DEC-2010 LNM/D. 04-JUN-2010
Add direction light F R with course to be followed of 266° 49°17'37.4"N 123°02'45.6"W
(See Chart No. 1, P30.2)
(P2010121) LL(408.51) DFO(6202365-01)

**SECTION 2 – Edition 12/2010
CHART CORRECTIONS**

Add direction light F RWG with narrow fairway sector flanked by sectors of different character red from 270° to 268°, alternating red and white from 268° to 267°, white from 267° to 265°, alternating green and white from 265° to 264°, green from 264° to 263°
(See Chart No. 1, P30.3) 49°17'40.9"N 123°01'27.9"W
(P2010122) LL(409.35) DFO(6202366-01)

Add light FI G
(See Chart No. 1, P1) 49°17'45.5"N 123°01'04.6"W
(P2010123) LL(409.95) DFO(6202367-01)

Delete light FI and radar reflector
(See Chart No. 1, P1 and S4) 49°17'48.1"N 123°00'28.6"W
(P2010124) LL(410) DFO(6202368-01)

Delete depth of 6.5 metres
(See Chart No. 1, I10) 49°17'46.4"N 123°00'36.0"W
DFO(6202368-02)

Add light Q G
(See Chart No. 1, P1) 49°17'46.4"N 123°00'36.0"W
(P2010124) LL(410) DFO(6202368-03)

3494 - Second Narrows - New Edition - 04-NOV-2005 - NAD 1983

24-DEC-2010 LNM/D. 04-JUN-2010
Add course to be followed marked F R Dir 266° between 49°17'38.0"N 123°02'30.0"W
(See Chart No. 1, P30.2) and 49°17'43.1"N 123°00'38.0"W
(P2010121) LL(408.51) DFO(6202365-01)

Add direction light F RWG with narrow fairway sector flanked by sectors of different character red from 270° to 268°, alternating red and white from 268° to 267°, white from 267° to 265°, alternating green and white from 265° to 264°, green from 264° to 263°
(See Chart No. 1, P30.3) 49°17'40.9"N 123°01'27.9"W
(P2010122) LL(409.35) DFO(6202366-01)

Add light FI G
(See Chart No. 1, P1) 49°17'45.5"N 123°01'04.6"W
(P2010123) LL(409.95) DFO(6202367-01)

Delete light FI and radar reflector
(See Chart No. 1, P1 and S4) 49°17'48.1"N 123°00'28.6"W
(P2010124) LL(410) DFO(6202368-01)

Delete depth of 6.5 metres
(See Chart No. 1, I10) 49°17'46.4"N 123°00'36.0"W
DFO(6202368-02)

Add light Q G
(See Chart No. 1, P1) 49°17'46.4"N 123°00'36.0"W
(P2010124) LL(410) DFO(6202368-03)

3550 - Approaches to / approches à Seymour Inlet and / et Belize Inlet - New Chart - 03-DEC-1993 - NAD 1983

24-DEC-2010 LNM/D. 25-SEP-2009
Add sounding out of position of 0.4 metres with bottom quality of R marked Rep(2010) 51°02'23.1"N 127°32'03.0"W
(See Chart No. 1, I11, J9.1 and I3.2) *DFO(6202382-01)*

**SECTION 2 – Edition 12/2010
CHART CORRECTIONS**

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

24-DEC-2010
Add wreck least depth known of 138 metres
(See Chart No. 1, K26)
LNMD. 10-SEP-2010
48°16'44.7"N 125°41'28.4"W
DFO(6202383-01)

3679 - Quatsino Sound - New Chart - 14-JUN-1991 - NAD 1983

31-DEC-2010
Delete starboard hand day beacon
(See Chart No. 1, Qt)
LNMD. 29-OCT-2010
50°31'44.0"N 127°33'49.8"W
(P2010115) DFO(6202355-01)

3681 – Quatsino Narrows – Sheet 1 – New Chart – 08-JUN-1990 – NAD 1983

31-DEC-2010
Delete starboard hand day beacon
(See Chart No. 1, Qt)
LNMD. 29-OCT-2010
50°31'44.0"N 127°33'49.8"W
(P2010115) DFO(6202355-01)

3802 - Dixon Entrance - New Edition - 24-NOV-1989 - NAD 1927

03-DEC-2010
Add non-dangerous wreck, depth unknown, marked PA
(See Chart No. 1, K29 and W)
LNMD. 21-AUG-2009
54°10'43.0"N 131°08'48.0"W
DFO(6202364-01)

3921 - Allison Harbour - Sheet 1 - New Edition - 15-DEC-1995 - NAD 1983

24-DEC-2010
Add sounding out of position of 0.4 metres with bottom quality of R
marked Rep(2010)
(See Chart No. 1, I11, J9.1 and I3.2)
LNMD. 31-OCT-2008
51°02'23.1"N 127°32'03.0"W
DFO(6202382-01)

SECTION 4 – Edition 12/2010
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

British Columbia, Volume 1, Seventeenth Edition, 2004 —

Chapter 3 — After paragraph 405

Insert: 405.1 Second Narrows West light (*408.51*), on the south shore 0.8 mile west of the highway bridge, is shown from a skeleton tower. It is a direction light bearing 266° and is intended to be used by vessels transiting the bridges from east to west.

(P2010-38.01)

Chapter 3 — After paragraph 409

Insert: 409.1 CN Rail Bridge Sector light (*409.35*), on the centre of the east side of the railway bridge, is intended to be used by vessels transiting the bridges from east to west.

(P2010-38.02)

Chapter 3 — Delete paragraph 415

Replace by: 415 **Lights.** — Riverside East light (*409.95*), on the north side of the channel 0.3 mile east of the railway bridge, is shown from a white square tower with a green band at top.
415.1 Second Narrows Light (*410*), on the north side of the channel 0.6 mile east of the railway bridge, is shown from a white square tower with a green band at top.

(P2010-38.03)

SECTION 5 – Edition 12/2010
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
408.51	Second Narrows West Directional	49 17 37.4 123 02 45.6	F R	7.9	10	White square skeleton tower on 3-pile dolphin. Visible on a bearing of 266°. Year round.
							Chart:3494 Edn 12/10(P10-121)
409.35	CN Railway Bridge Sector	Second Narrows rail bridge. 49 17 40.9 123 01 27.9	F AI R W GW G AI RW	10	On bridge. Green from 263° to 264°; AI GW from 264° to 265°; white from 265° to 267°; AI RW from 267° to 268°; red from 268° to 270°. White sector indicates preferred channel. Year round.
							Chart:3494 Edn 12/10(P10-122)
409.95	Riverside East	49 17 45.5 123 01 04.6	FI G	4s	8.3	7	White square skeleton tower, green band at top on 6-pile dolphin. Year round.
							Chart:3494 Edn 12/10(P10-123)
410 G5473	Second Narrows	E. of railway bridge. 49 17 46.4 123 00 36	Q G	1s	8.1	6	White square skeleton tower, green band at top on 3-pile dolphin. Year round.
							Chart:3494 Edn 12/10(P10-124)
410.5 G5473.4	Second Narrows East	NW. of Berry Point. 49 17 56.1 122 59 47.7	FI G	4s	3.3	7	On centre pile of 19-pile dolphin. Radar reflector. Year round.
							Chart:3494 Edn 12/10(P10-125)
587 G5674	Kelpie Point	On the point. 51 44 00.6 127 59 47.6	FI W	4s	7.9	5	Square skeleton tower. Year round.
							Chart:3935 Edn 12/10(P10-126)
590 G5676	Kiwash Island	On S. end of island. 51 51 38.7 127 53 37.6	FI W	4s	6.0	5	Square skeleton tower. Year round.
							Chart:3936 Edn 12/10(P10-127)
596 G5688	Edward Point	On point. 52 26 21.2 127 16 25.3	FI W	6s	8.1	5	Square skeleton tower. Flash 0.5 s; eclipse 5.5 s. Year round.
							Chart:3729 Edn 12/10(P10-120)
601 G5689.5	Deas Point	On flat rock adjoining headland, Labouchere Channel. 52 23 07.7 127 13 01.8	FI W	6s	5.5	5	Square skeleton tower. Flash 0.5 s; eclipse 5.5 s. Year round.
							Chart:3729 Edn 12/10(P10-119)
602 G5677.4	Kelkpa Point	On point. 52 07 17.1 127 36 26.3	FI W	4s	6.7	5	Square skeleton tower. Year round.
							Chart:3729 Edn 12/10(P10-118)

SECTION 5 – Edition 12/2010
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
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PACIFIC

654 G5740	Kersey Point	On point. 53 46 35.3 128 51 33.9	Fl(3) W	12s	5.7	5	White square skeleton tower.	Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Year round. Chart:3743 Edn 12/10(P10-133)
657 G5738.4	Europa Point	On point. 53 25 47.4 128 32 43.5	Fl W	4s	3.7	5	Square skeleton tower.	Year round. Chart:3948 Edn 12/10(P10-130)
668 G5742	Saunders Creek	On shore opposite creek. 53 36 12.2 129 41 38.1	Fl W	4s	5.1	5	White square skeleton tower.	Year round. Chart:3946 Edn 12/10(P10-128)
669 G5743	Klewnuggit	On the northwestern rock of Morning Reef, Grenville Channel. 53 40 42.2 129 46 05.4	Q W	1s	5.9	4	White cylindrical tower.	Year round. Chart:3946 Edn 12/10(P10-132)
670.5 G5744.4	Baker Inlet	Marking entrance. 53 48 40.5 129 57 14.2	Fl R	6s	5.3	4	Square skeleton tower.	Flash 0.5 s; eclipse 5.5 s. Year round. Chart:3946 Edn 12/10(P10-131)

**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)