

NOTICE TO USERS

We appreciate your continued interest in the Monthly Edition of Notices to Mariners. As technology evolves, the Canadian Coast Guard continues to enhance its on-line service.

This is a **reminder** of our feature where subscribers to our on-line service are able to receive the complete electronic monthly edition of our Notices to Mariners, and would like to encourage our clients to visit the <http://www.notmar.gc.ca/subscribe/> web site to subscribe to this service.

Users wishing to receive information updates for their charts can do so by setting up a "User Profile" on the web site. 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 Notices to Mariners is published concerning these charts.

Important

- Effective April 30th 2010 (Edition 4), the Canadian Coast Guard will discontinue the distribution of its monthly paper edition of Notices to Mariners.
- This publication will continue to be available free of charge on-line through <http://www.notmar.gc.ca> .

Manager, Aids to Navigation
Navigation Systems, Maritime Services
Canadian Coast Guard



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Canadian
Coast Guard

Garde côtière
canadienne



VOL. 35, MONTHLY EDITION N° 01
January 29, 2010

Publication Number 40063779

NOTICES TO MARINERS PUBLICATION WESTERN EDITION

Published monthly by the
CANADIAN COAST GUARD

This publication is available electronically at:
<http://www.notmar.gc.ca/subscribe/>

CONTENTS

	Page
Section 1 Safety and General Information	1 - 6
Section 2 Chart Corrections.....	7 - 9
Section 3 Corrections to Radio Aids to Marine Navigation.....	10 -12
Section 4 Sailing Directions and Small Craft Guide Corrections.....	13
Section 5 List of Lights, Buoys and Fog Signals Corrections.....	14

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. 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*.

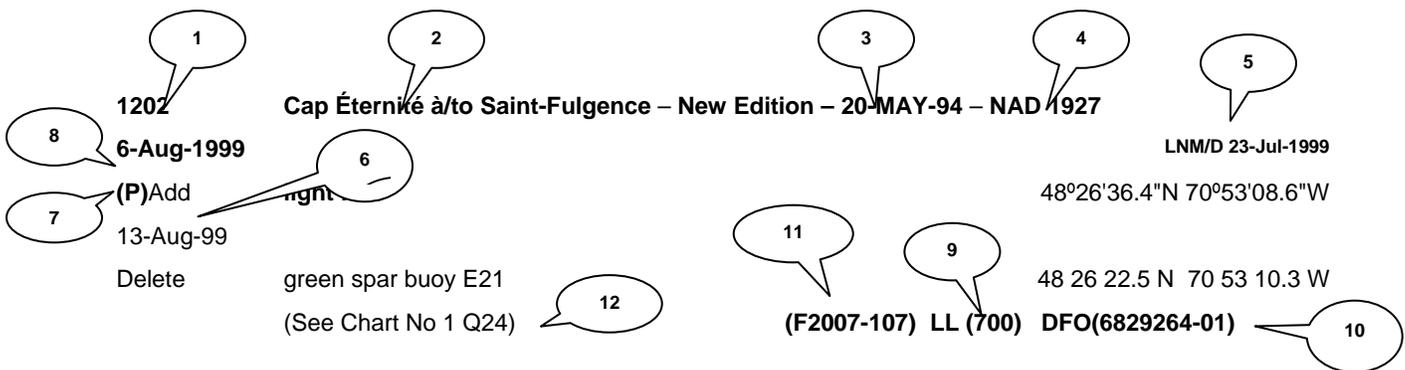
Monthly Notices to Mariners - WEB ACCESS - We are offering a feature where subscribers to our on-line service are able to receive the complete electronic monthly edition of our Notices to Mariners. We are encouraging our clients to visit the <http://www.notmar.gc.ca/subscribe/> user-friendly web site 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?czoXOToibnRtPXN0ZXBfb25lJmXhbm99ZSI7>. 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 Notices to Mariners is published concerning these charts.

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 2009*. 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 2 - Chart Title 3 - Chart's latest New Edition date 4 - Horizontal Chart Datum	5 - Last Correction 6 - Chart action 7 - Notice type 8 - Weekly chart correction date	9 - List of light number 10 - CHS reference number 11 - CCG reference number 12 - Chart No 1 reference number
--	--	--

The last correction number is identified with the **LNMD** 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 new 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/> web site 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?czoxOToibnRtPXN0ZXBfb25Jmxbmc9ZSI7>

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.

MAILING LIST

Please note that effective September 25, 2009 (Edition 9, 2009), only one copy of the monthly editions of Notices to Mariners publications will be sent per postal address to Canadian user.

Effective **April 30th 2010** (Edition 4, 2010), the Canadian Coast Guard intends to discontinue the distribution of its monthly paper edition of Notices to Mariners to all users. This publication will continue to be available free of charge on-line through <http://www.notmar.gc.ca>

Until this time you may send changes to your mailing address to:

Leader, Notices to Mariners
Aids to Navigation
Navigation Systems
Canadian Coast Guard
200 Kent Street, Station 5N186
Ottawa, ON
K1A 0E6

Telephone (613) 993-6974
Facsimile (613) 998-8428
Internet www.notmar.gc.ca

Please indicate which edition for which you would like your name to be amended.

EASTERN EDITION (Comprised of Arctic, Newfoundland, Maritimes, Gulf & River St. Lawrence and Central areas) _____

WESTERN EDITION (Comprised of Arctic and Pacific areas) _____

AMEND _____ **REMOVE** _____

OLD ADDRESS	
NAME	
STREET	APT.
CITY	POSTAL CODE
PROVINCE	COUNTRY
NEW ADDRESS	
NAME	
STREET	APT.
CITY	POSTAL CODE
PROVINCE	COUNTRY

ID number above address on label

or

Attach complete address label to this sheet

INDEX

CANADIAN HYDROGRAPHIC SERVICE - ANNOUNCEMENT REGARDING CANADIAN HYDROGRAPHIC SERVICE CHART PATCHES	1
CANADIAN HYDROGRAPHIC SERVICE - CUMULATIVE CHART CORRECTIONS	1
CANADIAN HYDROGRAPHIC SERVICE - CURRENT CHART EDITION DATES	1
CANADIAN HYDROGRAPHIC SERVICE - PRINT ON DEMAND CHARTS - CARE AND USE.....	1
*112 CANADIAN COAST GUARD PUBLICATION - AMENDMENT TO THE RADIO AIDS TO MARINE NAVIGATION (PACIFIC AND WESTERN ARCTIC) PUBLICATION - 2009.....	10
*106 CANADIAN COAST GUARD PUBLICATION - ANNOUNCEMENT REGARDING LORAN-C SERVICE	3
*105 CANADIAN COAST GUARD PUBLICATION - ANNUAL SUMMARY OF TEMPORARY AND PRELIMINARY NOTICES - 2010.....	3
*103 CANADIAN HYDROGRAPHIC SERVICE - ELECTRONIC NAVIGATIONAL CHART CD'S	3
*101 CANADIAN HYDROGRAPHIC SERVICE - ELECTRONIC NAVIGATIONAL CHARTS	2
*102 CANADIAN HYDROGRAPHIC SERVICE - RASTER DIGITAL CHARTS (BSB V4) CD'S	2
*110 QUATSINO SOUND TO/À QUEEN CHARLOTTE STRAIT - SCOTT ISLANDS - MARINE PROTECTED AREA	6
*107 TRANSPORT CANADA - SHIP SAFETY BULLETINS - (TP-3231) – 2010.....	4

NUMERICAL INDEX OF CANADIAN CHARTS AFFECTED

Chart No.	Page	Chart No.	Page	Chart No.	Page
3313	7				
3410	7				
3442	7				
3478	7				
3490	7,8				
3492	8,9				
3605	6				
3625	6				

**SECTION 1 – Edition 01/2010
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 which is an improvement since clients had to wait for the paper copy to be mailed.

Previously, in the *Notices to Mariners* (NTM) booklet, Patches were produced in full colour or a minimum of black and magenta.

Due to current budgetary constraints, Patches will now only be produced in black and white for publication in the NTM booklet.

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

CANADIAN HYDROGRAPHIC SERVICE - CUMULATIVE CHART CORRECTIONS

The cumulative Notice 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 Notice 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 Notice 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 now 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.

**SECTION 1 – Edition 01/2010
SAFETY AND GENERAL INFORMATION**

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

RELEASED PRODUCTS	
S-57 ENC NUMBER	CHART TITLE
CA376368	Cape Harrigan to/aux Kidlit Islands
CA476369	Windy Tickle
CA376483	Davis Inlet to/aux Seniarlit Islands
CA476485	South of / Sud de Drawbucket Tickle
CA376650	Cape Kiglapait to Khikkertarsoak North Island
CA476651	Okak Harbour
CA476681	Osborne Point to Cape Kakkiviak
CA476684	McLelan Strait
CA576685	Bowdoin Harbour
CA576686	Port Burwell
CA576687	Eastern Approaches to McLelan Strait
CA376811	South Auliatsivik Island to/à Fenstone Tickle Island
CA576144	Maclvers Pt. to/à Little Narrows
CA579003	Port de Québec - Quai Irving à/to Courville

***102 CANADIAN HYDROGRAPHIC SERVICE - RASTER DIGITAL CHARTS (BSB V4) CD'S**

CHARTS	MAIN TITLE	PUBLISHED	PRICE
New Editions			
RM-ATL01	Newfoundland East and South / Terre-Neuve Est et Sud	09-OCT-2009	\$174.95
RM-ATL02	Gulf of St. Lawrence South / Golfe du Saint-Laurent Sud	09-OCT-2009	\$174.95
RM-ATL03	Québec à l'Île d'Anticosti Ouest / Québec to Anticosti Island West	09-OCT-2009	\$74.95
RM-ATL04	Labrador Coast / Côte du Labrador	09-OCT-2009	\$74.95
RM-ATL05	Golfe du Saint-Laurent Nord – Terre-Neuve Ouest / Gulf of St. Lawrence North – Newfoundland West	09-OCT-2009	\$124.95
RM-ATL06	Nova Scotia South – Bay of Fundy / Nouvelle Écosse Sud – Baie de Fundy	09-OCT-2009	\$174.95
RM-CEN01	Montréal à Québec – Rivière Richelieu / Montréal to Québec – Richelieu River	09-OCT-2009	\$49.95
RM-CEN02	Kingston à Montréal – Rivière Richelieu / Kingston to Montréal – Richelieu River	09-OCT-2009	\$74.95
RM-CEN03	Lake Ontario / Lac Ontario	09-OCT-2009	\$74.95
RM-CEN04	Lake Erie / Lac Érié	09-OCT-2009	\$49.95
RM-CEN05	Lake Huron – North Channel / Lac Huron – Chenal du Nord	09-OCT-2009	\$74.95
RM-CEN06	Georgian Bay / Baie Georgienne	09-OCT-2009	\$74.95
RM-CEN07	Lake Superior / Lac Supérieur	09-OCT-2009	\$49.95
RM-CEN08	Rideau Canal – Ottawa River / Canal Rideau – Rivière des Outaouais	09-OCT-2009	\$49.95
RM-CEN09	Trent-Severn Waterway / Voie Navigable Trent-Severn	09-OCT-2009	\$74.95
RM-CEN10	Lakes around Georgian Bay / Lacs autour de la Baie Georgienne	09-OCT-2009	\$49.95
RM-CEN11	Rainy Lake / Lac à la Pluie	09-OCT-2009	\$39.95
RM-CEN12	Lake of the Woods / Lac des Bois	09-OCT-2009	\$49.95
RM-CEN13	Lakes and Rivers in Manitoba and Saskatchewan / Lacs et rivières au Manitoba et en Saskatchewan	09-OCT-2009	\$49.95
RM-NOR01	Northern Canada / Nord canadien	09-OCT-2009	\$99.95
RM-PAC01	Vancouver Island West - Queen Charlotte Islands / Île de Vancouver ouest - Îles de la Reine-Charlotte	09-OCT-2009	\$174.95
RM-PAC02	Vancouver Island East / Île de Vancouver Est	09-OCT-2009	\$174.95

**SECTION 1 – Edition 01/2010
SAFETY AND GENERAL INFORMATION**

CHARTS	MAIN TITLE	PUBLISHED	PRICE
New Editions			
RM-PAC03	Queen Charlotte Sound - Hecate Strait to Portland Canal / Queen Charlotte Sound - Hecate Strait à Portland Canal	09-OCT-2009	\$174.95
RM-PAC04	Lakes and Rivers of British Columbia / Lacs et rivières de Colombie-Britannique	09-OCT-2009	\$49.95

***103 CANADIAN HYDROGRAPHIC SERVICE - ELECTRONIC NAVIGATIONAL CHART CD'S**

CHARTS	MAIN TITLE	PUBLISHED	PRICE
New Editions			
V-ATL-A	Golfe du Saint-Laurent / Gulf of St. Lawrence	09-OCT-2009	\$599.95
V-ATL-B	Nova Scotia - Bay of Fundy / Nouvelle-Écosse - Baie de Fundy	09-OCT-2009	\$599.95
V-ATL-C	Newfoundland East and South - Labrador / Terre-Neuve Est et Sud - Labrador	09-OCT-2009	\$599.95
V-CEN-A	Great Lakes - Superior and Huron / Grands Lacs - Supérieur et Huron	09-OCT-2009	\$599.95
V-CEN-B	Great Lakes - Erie and Ontario / Grands Lacs - Érié et Ontario	09-OCT-2009	\$599.95
V-CEN-C	Fleuve Saint-Laurent / St. Lawrence River	09-OCT-2009	\$599.95
V-NOR-A	Northern Canada / Nord canadien	09-OCT-2009	\$599.95
V-PAC-A	Vancouver Island East / Île Vancouver Est	09-OCT-2009	\$599.95
V-PAC-B	Vancouver Island West - Queen Charlotte Islands / Île de Vancouver Ouest - Îles de la Reine-Charlotte	09-OCT-2009	\$599.95

***105 CANADIAN COAST GUARD PUBLICATION - ANNUAL SUMMARY OF TEMPORARY AND PRELIMINARY NOTICES - 2010**

The new edition of the Annual Summary of Temporary and Preliminary Notices 2010 publication is available on the Notices to Mariners Web site at <http://www.notmar.gc.ca>

***106 CANADIAN COAST GUARD PUBLICATION - ANNOUNCEMENT REGARDING LORAN-C SERVICE**

On January 7, 2010, the United States Coast Guard (USCG) announced the termination of the U.S. Loran-C signal and phased decommissioning of the U.S. Loran-C infrastructure. The USCG will terminate the transmissions of all US domestic Loran-C signals including those covering the Great Lakes Loran-C Chain GRI 8970 and the Northeast U.S. Loran-C Chain GRI 9960 at 2000z on February 8, 2010. All U.S. Loran-C stations are expected to cease transmitting by October 1, 2010. Other chains that are jointly operated by the U.S. and Canada will continue to be operational up to October 1, 2010.

The Loran-C systems in Canada and U.S. work in tandem. Once the U.S. service is discontinued, the Canadian system will not be operational. Consequently, Canada will also decommission its Loran-C system in 2010. The official date for termination in Canada has not been set at this time, although it is expected to take place on or before October 1, 2010.

Authorities in Canada and the U.S. will be collaborating on plans to discontinue Loran-C systems to minimize disruption in navigation services. Updates will be provided on CCG's Notices to Mariners website (<http://www.notmar.gc.ca/go.php?doc=eng/services/notmar/Loran-C-eng>), in CCG's monthly Notices to Mariners (<http://www.notmar.gc.ca/>) and on the CCG's website http://www.ccg-gcc.gc.ca/eng/Ccg/atn_Loran_C as further details becomes available.

Comments should be directed to the Manager, Aids to Navigation, Canadian Coast Guard, 200 Kent St., 5th floor, Ottawa, ON, Canada, K1A 0E6, E-mail to Joanna.bellamy@dfo-mpo.gc.ca or by phone at (613) 998-1405 within three months from the date of this notice. Any objections raised must state the facts on which they are based and should include supporting information on safety, commerce and public benefit.

January 20, 2010

**SECTION 1 – Edition 01/2010
SAFETY AND GENERAL INFORMATION**

***107 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. We ask your cooperation in distributing copies of this listing to your colleagues, to ship owners and/or maritime companies to let them know of the existence of these Bulletins.

If this is the first time you are receiving the Bulletin, your name is probably not on Transport Canada's mailing list. Should you wish to be included, please send your request to the Marine Safety location provided below.

As of December 31, 2009, the following Ship Safety Bulletins have been issued.

Bulletin Number	Title	Date of Creation
01/2009	Validity of the Fishing Master, Second Class, Third Class and Fourth Class Certificates of Competency Originally Issued Between March 21, 1980 and June 30, 2007	2009-02-03
02/2009	Assessment Of A Foreign Training Certificate As An Equivalent To Transport Canada Training Certificate	2009-06-01
03/2009	Training Requirements For the Person Designated to Provide First Aid on Board a Vessel and Period of Validity of First Aid Training Courses Recognized By a Province or Territory, Marine First Aid and Marine Medical Care Training Certificates	2009-07-30
04/2009	IACS Unified Requirements for Polar Class Ships - Application in Canadian Arctic Waters	2009-08-18
05/2009	Deck Watch Additional Person Requirement On Board A Fishing Vessel Raised From 5 To 15 Gross Tonnage	2009-09-29
06/2009	Certificate of Service as Watchkeeping Mate of a Fishing Vessel of Less than 100 Gross Tonnage	2009-09-30
07/2009	Delay Related to the Enforcement of the Deck Watch Requirement for Fishing Vessels of less than 100 Gross Tonnage	2009-09-30

Transport Publications (TPs) New and/or Amended - 2009

Publication No	Title	Date
TP 511	Safe Boating Guide (Updated)	Apr 2009
TP 8129	Tanker Safety, Crude Oil Washing and Inert Gas, and Supervisor of Transfer Operations Training Courses (Updated)	Jan 2009
TP 127	Ships Electrical Standards (2008) (Updated)	Feb 2009
TP 14799	An Owner's Guide to Private Buoys (Updated)	Jan 2009
TP 14525	Pre-Departure Checklist (Updated)	Jan 2009
TP 14522	Boating Safety Cruncher (New)	Jan 2009
TP 14541	Lateral Buoys and Standard Daybeacons (2009) (Updated)	Jan 2009
TP 14674	Boat Maintenance Cards (2009) (Updated)	Jan 2009

**SECTION 1 – Edition 01/2010
SAFETY AND GENERAL INFORMATION**

Publication No	Title	Date
TP 14707	National Places of Refuge Contingency Plan (PORCP) (Updated)	Mar 2009
TP 14726	Sea Kayaking Safety Guide (Updated)	Jan 2009
TP 14542	Cardinal Buoys and Special Buoys (Updated)	Jan 2009
TP 14352	Rules of the Road (Updated)	Jan 2009
TP 14673	Safety Stickers (New)	Jan 2009
TP 14674	Boat Maintenance Cards (2009) (Updated)	Jan 2009
TP 14539	Marine Oil Spill Preparedness and Response Regime Report to Parliament, 2004 – 2006 (Updated)	Apr 2009
TP 10936	Bridge Watch Rating - Training Course (Updated)	Jun 2009
TP 13595	Port State Control - Annual Report 2008 (New)	Jul 2009
TP 13111	The New Wave - Marine Safety Strategic Plan, 2009-2015 (New)	Jul 2009
TP 1802	Routing Standards (1991) (Updated)	Aug 2009
TP 14707 ATL	Places of Refuge Contingency Plan Atlantic Region (Updated)	Sept 2009
TP 14916	Canada: Committed to Marine Safety, Security, Trade and the Environment (New)	Oct 2009
TP 8941	Interim Standards for the Construction, Equipment & Operation of Passenger Ships in the Sea (1987) (Updated)	Oct 2009
TP 13313	Standard Relating to Design, Construction and Operational Safety of Sail Training Vessels (Updated)	Sept 2009
TP 11960	Standards and Guidelines for the Construction, Inspection and Operation of Barges that Carry Oil in Bulk (1995) (Updated)	Nov 2009
TP 13681	Guidelines For Navigation Under The Confederation Bridge (Updated)	Dec 2009

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@tc.gc.ca

Web site: Ship Safety Bulletins: http://www.tc.gc.ca/marinesafety/bulletins/toc_e.htm
Transport Publications: <http://www.tc.gc.ca/MarineSafety/TP/menu.htm>

Phone: 613-990-5931
Fax: 613-990-1879

**SECTION 1 – Edition 01/2010
SAFETY AND GENERAL INFORMATION**

***110 QUATSINO SOUND TO/À QUEEN CHARLOTTE STRAIT - SCOTT ISLANDS - MARINE PROTECTED AREA**

Reference Canadian Charts: 3605, 3625.
Reference US Charts: 17495, 17491.

The Scott Islands (50° 48'N, 128° 50'W) were designated as a protected area by the Government of British Columbia in 1995 to protect an unspoiled coastal wilderness environment, including seabird colonies and other wildlife that are unique to, or representative of, the area. Lanz and Cox Islands are accessible by boat only. Cox Island lies approximately 6 nautical miles off the tip of Cape Scott on the northwest tip of Vancouver Island. Lanz Island sits less than half a nautical mile further west. Only extremely experienced boaters should consider visiting these islands. Lanz and Cox Islands are designated as Provincial Park, where the outer three islands of Sartine, Beresford, and Triangle are provincial Ecological Reserves where public access is prohibited.

Research has shown that globally and nationally important populations of seabirds use the islands as nesting colonies and also use an extensive ocean area extending 60 nautical miles from the Scott Islands to forage for prey. One of the most sensitive areas of foraging habitats is bounded by a line connecting the following geographical positions:

- | | |
|-----------------------------------|-----------------------------------|
| 1) 50° 39' 29" N. 128° 22' 12" W. | 2) 50° 47' 17" N, 128° 26' 42" W. |
| 3) 51° 45' 00" N. 128° 50' 20" W. | 4) 51° 41' 35" N. 130° 36' 18" W. |
| 5) 50° 02' 17" N. 130° 26' 38" W. | 6) 50° 06' 04" N. 128° 24' 25" W. |

At various times of year, large numbers of auklet, murre, shearwater, storm- petrel, albatross, gull, and other migratory bird species are present in the wider ocean area and within this boundary dependent on, time of year, ocean conditions, and presence/abundance of prey species. Mariners are reminded to use extra caution to avoid any activities within this area that would be harmful or detrimental to migratory birds, their prey species, or other wildlife. These activities include, but are not limited to, unnecessary use of lights or other devices that may attract or disorient birds. Also note that, the discharge of oil, oily wastes, or other deleterious substances are subject to prosecution pursuant to regulations under the *Canada Shipping Act (2001)*, the *Migratory Bird Convention Act (1994)*, and other legislations. Mariners are advised that increased satellite, aircraft, and ship-based surveillance of this area are being conducted. If pollution incidents are observed, mariners are urged to contact Tofino MCTS (Marine Communications and Traffic Service) via VHF Channel 74/16 for the area south of the Scott Islands, and Comox MCTS via VHF Channel 71/16 for the area north of the islands, or Tel. 1-800-889 8852. If other incidents posing threats to seabirds are observed, mariners are urged to contact Environment Canada's Wildlife Enforcement Duty Officer Toll free at 1-877-768-6904 (0700-2200 hrs).

**SECTION 2 – Edition 01/2010
CHART CORRECTIONS**

3313 - Birds Eye Cove - Sheet 14 - New Edition - 02-JAN-2009 - NAD 1983

29-JAN-2010

Add submarine pipeline
(See Chart No. 1, L41.1)

LNMD. 11-DEC-2009

joining 48°48'00.4"N 123°36'08.0"W

48°48'03.1"N 123°36'02.5"W

48°48'05.5"N 123°35'59.2"W

48°48'08.5"N 123°35'57.5"W

and 48°48'24.6"N 123°35'56.5"W

DFO(6202179-01)

3410 - Sooke Inlet to/à Parry Bay - New Chart - 24-MAR-1995 - NAD 1983

15-JAN-2010

Delete beacon and legend BnOr
(See Chart No. 1, Q81)

LNMD. 27-MAR-2009

48°19'59.3"N 123°33'03.5"W

DFO(6202175-01)

3442 - North Pender Island to/à Thetis Island - New Edition - 01-JUL-2005 - NAD 1983

29-JAN-2010

Add submarine pipeline
(See Chart No. 1, L41.1)

LNMD. 30-OCT-2009

joining 48°48'00.4"N 123°36'08.0"W

48°48'03.1"N 123°36'02.5"W

48°48'05.5"N 123°35'59.2"W

48°48'08.5"N 123°35'57.5"W

and 48°48'24.6"N 123°35'56.5"W

DFO(6202179-01)

3478 - Sansum Narrows - Sheet 1 - New Edition - 17-JUN-2005 - NAD 1983

29-JAN-2010

Add submarine pipeline
(See Chart No. 1, L41.1)

LNMD. 20-NOV-2009

joining 48°48'00.4"N 123°36'08.0"W

48°48'03.1"N 123°36'02.5"W

48°48'05.5"N 123°35'59.2"W

48°48'08.5"N 123°35'57.5"W

and 48°48'24.6"N 123°35'56.5"W

DFO(6202179-01)

This notice might affect Electronic Navigational Chart: CA570237

3478 - Birds Eye Cove - Sheet 1 - New Edition - 17-JUN-2005 - NAD 1983

29-JAN-2010

Add submarine pipeline
(See Chart No. 1, L41.1)

LNMD. 20-NOV-2009

joining 48°48'00.4"N 123°36'08.0"W

48°48'03.1"N 123°36'02.5"W

48°48'05.5"N 123°35'59.2"W

48°48'08.5"N 123°35'57.5"W

and 48°48'24.6"N 123°35'56.5"W

DFO(6202179-01)

**3490 - Fraser River/Fleuve Fraser, Sand Heads to/à Douglas Island, Compartment A-B - Sheet 1 - New Edition -
16-APR-2004 - NAD 1983**

15-JAN-2010

Delete depth of 14.7 metres
(See Chart No. 1, I10)

LNMD. 13-JUN-2008

49°05'25.4"N 123°18'57.4"W

DFO(6202174-01)

Delete depth of 15 metres
(See Chart No. 1, I10)

49°05'21.3"N 123°18'51.2"W

DFO(6202174-02)

**SECTION 2 – Edition 01/2010
CHART CORRECTIONS**

Delete	depth of 23.5 metres (See Chart No. 1, I10)	49°05'16.6"N 123°18'52.7"W <i>DFO(6202174-03)</i>
Delete	depth of 18.6 metres (See Chart No. 1, I10)	49°05'11.0"N 123°18'50.3"W <i>DFO(6202174-04)</i>
Delete	depth of 5.8 metres (See Chart No. 1, I10)	49°05'07.7"N 123°18'45.7"W <i>DFO(6202174-05)</i>
Add	depth of 3.2 metres (See Chart No. 1, I10)	49°05'21.6"N 123°18'54.9"W <i>DFO(6202174-06)</i>
Add	depth of 3.2 metres (See Chart No. 1, I10)	49°05'12.5"N 123°18'49.6"W <i>DFO(6202174-07)</i>
3492 - Roberts Bank - New Edition - 01-JUL-2005 - NAD 1983		
08-JAN-2010		LNm/D. 23-OCT-2009
Delete	depth of 3.4 metres (See Chart No. 1, I10)	49°01'58.6"N 123°14'17.2"W <i>DFO(6202173-01)</i>
	This notice might affect Electronic Navigational Chart: CA570297	
Delete	depth of 7.2 metres (See Chart No. 1, I10)	49°01'55.1"N 123°14'17.3"W <i>DFO(6202173-02)</i>
	This notice might affect Electronic Navigational Chart: CA570297	
Delete	depth of 3.1 metres (See Chart No. 1, I10)	49°02'01.4"N 123°14'29.0"W <i>DFO(6202173-03)</i>
	This notice might affect Electronic Navigational Chart: CA570297	
Add	depth of 0.7 metres (See Chart No. 1, I10)	49°01'55.7"N 123°14'15.5"W <i>DFO(6202173-04)</i>
	This notice might affect Electronic Navigational Chart: CA570297	
Add	note SILTING Mariners are advised that depths shown in the vicinity of Roberts Bank are subject to change as a result of silting, scouring or dredging.	49°03'00.0"N 123°11'00.0"W
	<p align="center">ENSABLEMENT</p> <p>Les navigateurs prendront garde que les profondeurs cartographiées à proximité de Roberts Bank peuvent changer en raison de l'ensablement, du curage et du dragage.</p>	
	<i>DFO(6202173-05)</i>	
	This notice might affect Electronic Navigational Chart: CA570297	
15-JAN-2010		LNm/D. 08-JAN-2010
Delete	depth of 14.7 metres (See Chart No. 1, I10)	49°05'25.4"N 123°18'57.4"W <i>DFO(6202174-01)</i>
	This notice might affect Electronic Navigational Chart: CA570297	

**SECTION 2 – Edition 01/2010
CHART CORRECTIONS**

Delete	depth of 15 metres (See Chart No. 1, I10)	49°05'21.3"N 123°18'51.2"W
		<i>DFO(6202174-02)</i>
	This notice might affect Electronic Navigational Chart: CA570297	
Delete	depth of 23.5 metres (See Chart No. 1, I10)	49°05'16.6"N 123°18'52.7"W
		<i>DFO(6202174-03)</i>
	This notice might affect Electronic Navigational Chart: CA570297	
Delete	depth of 18.6 metres (See Chart No. 1, I10)	49°05'11.0"N 123°18'50.3"W
		<i>DFO(6202174-04)</i>
	This notice might affect Electronic Navigational Chart: CA570297	
Delete	depth of 5.8 metres (See Chart No. 1, I10)	49°05'07.7"N 123°18'45.7"W
		<i>DFO(6202174-05)</i>
	This notice might affect Electronic Navigational Chart: CA570297	
Add	depth of 3.2 metres (See Chart No. 1, I10)	49°05'21.6"N 123°18'54.9"W
		<i>DFO(6202174-06)</i>
	This notice might affect Electronic Navigational Chart: CA570297	
Add	depth of 3.2 metres (See Chart No. 1, I10)	49°05'12.5"N 123°18'49.6"W
		<i>DFO(6202174-07)</i>
	This notice might affect Electronic Navigational Chart: CA570297	

**SECTION 3 – Edition 01/2010
CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION**

***112 CANADIAN COAST GUARD PUBLICATION – AMENDMENT TO THE RADIO AIDS TO MARINE NAVIGATION
(PACIFIC AND WESTERN ARCTIC) PUBLICATION - 2009**

Page 1-1

NEW – ADD:

ADVANCE NOTICE

NAVAREAs

The Canadian Coast Guard assumed the responsibility of NAVAREA coordination for NAVAREAs XVII and XVIII as part of the World-Wide Navigational Warning Service (WWNWS). An International SafetyNET Service for broadcasting navigational warnings in the English language will be declared to be in 'Initial Operational Condition' (IOC) effective January 31, 2010. During the IOC period, the Canadian Coast Guard will not guarantee service availability as this service will be provided on a test basis. The service is expected to be in 'Full Operational Condition' (FOC) at a time to be defined in 2011.

A NAVAREA is described as a geographical sea area for the purpose of coordinating the transmission of maritime safety information. The establishment of an International SafetyNET Service for the new NAVAREAs XVII and XVIII will permit mariners, in Arctic waters above 67°N latitude, to receive navigational warning messages and other relevant safety-related information over Inmarsat C satellite Enhanced Group Call (EGC) system when they are within the coverage area serviced by the Inmarsat satellites.

The broadcasting of SafetyNET messages to the new Arctic NAVAREAs will be addressed to rectangular area until the SafetyNET receiver modifications with the inclusion of the Arctic NAVAREA 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 and within the footprint of Inmarsat coverage.

NAVAREA broadcast address areas:

NAVAREA XVII	NAVAREA XVIII
80 00N 175 00E	80 00N 125 00W
80 00N 115 00W	80 00N 050 00W
62 00N 115 00W	62 00N 050 00W
62 00N 175 00E	62 00N 125 00W

Mariners should check their manufacture's operation manuals to obtain information on the setting of their EGC equipment to receive relevant SafetyNET messages.

NAVAREA warnings will be broadcast twice daily at the following times:

NAVAREA XVII (POR) at 1130UTC and 2330UTC

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

Feedback concerning the reception of NAVAREA broadcasts, especially above 75°N, would be appreciated and may be sent to:

NAVAREA XVII and XVIII
Prescott MCTS Centre
Telephone: (613) 925-4471
Facsimile: (613) 925-4519
E-mail: navarea17.18@innav.gc.ca

It shall be noted that Environment Canada will act as the METAREA coordinator and will be responsible for the broadcast of maritime meteorological information through the International SafetyNET System. Details concerning this service will be communicated by means of Notices to Mariners and other maritime publications.

**SECTION 3 – Edition 01/2010
CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION**

Page 1-2

ADVANCE NOTICE

DELETE:

6) *Discontinuation of 121.5/243 MHz Distress Beacon Monitoring by the COSPAS-SARSAT Satellite Constellation*

COSPAS-SARSAT is the international organization that operates a series of satellites in low altitude and geostationary orbits for search and rescue. In response to recommendations from the International Maritime Organization (IMO) and the International Civil Aviation Organization (ICAO), the Council of COSPAS-SARSAT announced at its October 2000 meeting in Laval, Quebec that it will be phasing out satellite processing of distress beacons operating in the 121.5/243 MHz range and encouraging users to **adopt 406 MHz beacons by 2009** at the latest, as this is when the switch-over will be completed.

Three types of distress beacons are in use: Emergency Locator Transmitters (ELTs), used on aircraft; Emergency Positioning Indicator Radio Beacons (EPIRBs), used on vessels; and Personal Locator Beacons (PLBs), used by land-based personnel.

The impact of this change should be negligible aboard Canadian vessels as there are no 121.5 MHz marine EPIRBs that have a valid technical acceptance certificate (TAC) under the *Radiocommunication Act*. Therefore, it is illegal for anyone to sell or fit such an EPIRB in Canada or aboard a Canadian vessel. Only those COSPAS-SARSAT EPIRBs transmitting on 406 MHz are approved for use in Canada and these units will not be impacted by this change in satellite detection.

The use of 406 MHz distress beacons over the 121.5/243 MHz distress beacons will minimize the problems with false alerts being received by rescue coordination centres. Since its inception in 1982 the COSPAS-SARSAT System has provided distress alert information which has assisted in the rescue of over 18,865 persons in 5,317 distress situations.

Mariners are encouraged to fit float-free EPIRBs and **register** their COSPAS-SARSAT 406 MHz EPIRBs free-of-charge with the Canadian Beacon Database by telephone 1-800-727-9414 by facsimile 613-996-3746 or, on the Website at http://www.nss.qc.ca/site/cospas-sarsat/emergencyBeacon_e.asp.

**IMPORTANT !
DON'T FORGET TO REGISTER YOUR EPIRB
IT COULD SAVE YOUR LIFE**

Discontinuation of INMARSAT 'E' EPIRB monitoring service as of December 1, 2006

INMARSAT has discontinued their monitoring service of INMARSAT ' E ' EPIRB distress alerts as of **December 1, 2006**. Mariners should check with INMARSAT for exchange of any currently held INMARSAT ' E ' EPIRBs. Further, mariners should only purchase and fit COSPAS-SARSAT 406 MHz EPIRBs from now on.

Page 1-2

ADVANCE NOTICE

ADD:

6) *Discontinuation of 121.5/243 MHz Distress Beacon Monitoring by the COSPAS-SARSAT Satellite Constellation*

COSPAS-SARSAT is the international organization that operates a series of satellites in low altitude and geostationary orbits for search and rescue. In response to recommendations from the International Maritime Organization (IMO) and the International Civil Aviation Organization (ICAO), the Council of COSPAS-SARSAT announced at its October 2000 meeting in Laval, Quebec that it will be phasing out satellite processing of distress beacons operating in the 121.5/243 MHz range and encouraging users to **adopt 406 MHz beacons by 2009** at the latest, as this is when the switch-over will be completed.

Three types of distress beacons are in use: Emergency Locator Transmitters (ELTs), used on aircraft; Emergency Positioning Indicator Radio Beacons (EPIRBs), used on vessels; and Personal Locator Beacons (PLBs), used by land-based personnel.

**SECTION 3 – Edition 01/2010
CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION**

The impact of this change should be negligible aboard Canadian vessels as there are no 121.5 MHz marine EPIRBs that have a valid technical acceptance certificate (TAC) under the *Radiocommunication Act*. Therefore, it is illegal for anyone to sell or fit such an EPIRB in Canada or aboard a Canadian vessel. Only those COSPAS-SARSAT EPIRBs transmitting on 406 MHz are approved for use in Canada and these units will not be impacted by this change in satellite detection.

The use of 406 MHz distress beacons over the 121.5/243 MHz distress beacons will minimize the problems with false alerts being received by rescue coordination centres. Since its inception in 1982 the COSPAS-SARSAT System has provided distress alert information which has assisted in the rescue of over 18,865 persons in 5,317 distress situations.

Mariners are encouraged to fit float-free EPIRBs and **register** their COSPAS-SARSAT 406 MHz EPIRBs free-of-charge with the Canadian Beacon Registry, P.O. Box 1000 Stn Forces, Astra, ON K0K 3W0, by telephone at 1-877-406-SOS1(7671), by facsimile at 1-877-406-FAX8(3298), by e-mail CBR@sarnet.dnd.ca or on the Website at <http://canadianbeaconregistry.forces.gc.ca>.

**IMPORTANT !
DON'T FORGET TO REGISTER YOUR EPIRB
IT COULD SAVE YOUR LIFE**

Discontinuation of INMARSAT 'E' EPIRB monitoring service as of December 1, 2006

INMARSAT has discontinued their monitoring service of INMARSAT ' E ' EPIRB distress alerts as of **December 1, 2006**. Mariners should check with INMARSAT for exchange of any currently held INMARSAT ' E ' EPIRBs. Further, mariners should only purchase and fit COSPAS-SARSAT 406 MHz EPIRBs from now on.

Page 2-24

**RADAR BEACON (RACONS) – PACIFIC COAST
(all stations located in British Columbia, excluding Juan de Fuca)**

NEW – ADD:

DAVEY ROCK LIGHT BUOY “N32” 50°51'36.3"N 127°31'09.7"W	15	360	--.- (Q)	Open year round.
PINE ISLAND 50° 58' 32.2" N 127° 43' 40.7" W	15	270	-- (M)	Open year round.
ROSARIO STRAIT TRAFFIC LANE ENTRANCE BUOY R (U.S.) 48° 16' 25.3" N 123° 6' 34.6" W			- (T)	Operated by USA.

Page 2-26

**RADAR BEACON (RACONS) – WESTERN ARCTIC
(all stations located in NWT and Nunavut)**

DELETE:
(changes indicated in bold)

CAPE DALHOUSIE 70°16'05"N 129°42'36"W (NAD 27)	5	360	--. (G)	Navigation season only.
--	---	-----	-------------------	-------------------------

ADD:
(changes indicated in bold)

CAPE DALHOUSIE 70°16'05"N 129°42'36"W (NAD 27)	5	360	--. (Z)	Navigation season only.
--	---	-----	-------------------	-------------------------

SECTION 4 – Edition 01/2010
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

British Columbia, Volume 1, Seventeenth Edition, 2004 —

Chapter 1 — Delete paragraph 243.

(P2010-01.01)

SECTION 5 – Edition 01/2010
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
-----	------	--	--------------------------	--	-----------------------	--	---------------------------------

PACIFIC

479.8 G5573	Refuge Cove	SW. tip of West Redonda Island. 50 06 57.5 124 50 58.7	FI R	4s	6.4	4	White cylindrical tower, red band at top.	Year round.	Chart:3538 Edn 01/10(P09-113)
480 G5573.8	Junction Point	E. side of Cortes Island. 50 08 22.9 124 53 41	FI G	4s	8.8	5	White cylindrical tower, green band at top.	Year round.	Chart:3538 Edn 01/10(P09-115)

**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.

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)