

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



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CANADIAN COAST GUARD

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

CONTENTS

	Page
Section 1 Safety and General Information	1 - 6
Section 2 Chart Corrections.....	7 - 23
Section 3 Corrections to Radio Aids to Marine Navigation.....	24 - 27
Section 4 Sailing Directions and Small Craft Guide Corrections.....	28,29
Section 5 List of Lights, Buoys and Fog Signals Corrections.....	30 - 36

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. 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*.

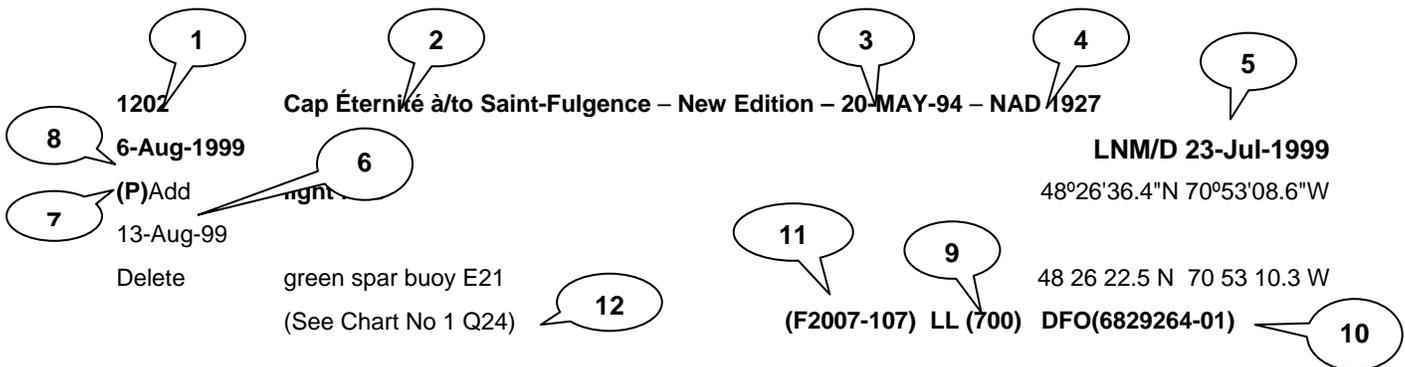
Monthly Notices to Mariners - WEB ACCESS - We are offering a feature where subscribers to our on-line service are able to receive the complete electronic monthly edition of our Notices to Mariners. We are encouraging our clients to visit the <http://www.notmar.gc.ca/subscribe/> user-friendly web site 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?czoxOToibnRtPXN0ZXBfb25lJmxbmc9ZSI7>. 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 **LN/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.

Newfoundland

Fisheries and Oceans Canada,
Canadian Coast Guard,
St. John's MCTS Centre
P.O. Box 5667
ST JOHN'S NL A1C 5X1
Telephone: 709 772-2083 / 2106
Facsimile: 709 772-5369

Quebec

* Fisheries and Oceans Canada,
Canadian Coast Guard,
Regional Operations Centre (ROC)
101 Champlain Boulevard
QUEBEC QC G1K 7Y7
Telephone: 418 648-5410 / 4427
Facsimile: 418 648-7244
Web site: www.marinfo.gc.ca

Maritimes

* Fisheries and Oceans Canada
Canadian Coast Guard
Sydney MCTS Centre
P.O. Box 8630
SYDNEY, N.S. B1P 6K7
Telephone: 902-564-7751 or 1-800-686-8676
Facsimile: 902-564-2446
Email: notshipssyd@mar.dfo-mpo.gc.ca

Central & Arctic

* Fisheries and Oceans Canada,
Canadian Coast Guard,
Sarnia MCTS Centre
215 - 105 Christina Street
SARNIA ON N7T 7W1
Telephone: 519 337-6360 or 1-800-265-0237
Facsimile: 519 337-2498

* Fisheries and Oceans Canada,
Canadian Coast Guard,
Iqaluit MCTS Centre
P.O. Box 189
IQALUIT NU X0A 0H0
Telephone: 867-979-5269
Facsimile: 867-979-4264

* Services provided in English and French

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?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.

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** _____

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iii

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
*108(P) BERENS RIVER TO/À NELSON RIVER – LIGHT STRUCTURE TO BE REPLACED.....	6
*111 CANADIAN COAST GUARD PUBLICATION – AMENDMENT TO THE RADIO AIDS TO MARINE NAVIGATION (ATLANTIC, ST. LAWRENCE, GREAT LAKES, LAKE WINNIPEG AND EASTERN ARCTIC) PUBLICATION - 2009.....	24
*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
*104 CANADIAN HYDROGRAPHIC SERVICE - NON EQUIVALENT ELECTRONIC NAVIGATIONAL CHARTS.....	3
*102 CANADIAN HYDROGRAPHIC SERVICE - RASTER DIGITAL CHARTS (BSB V4) CD'S	2
*109 LAC SAINT-LOUIS - LAC DES DEUX MONTAGNES - INFORMATION CONCERNING UNCHARTED AIDS	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
1234	7	4234	16,17		
1432	7	4237	17		
2021	7	4308	17		
2050	8	L/C 4320	17,18		
2058	8	4321	18		
2059	8	4396	18		
2069	8	4486	18-20		
2070	8	4498	20		
2077	9	4587	20		
2085	9,10	L/C 4850	20		
2086	10	4909	20,21		
L/C 2100	10	4954	21-23		
L/C 2110	11-13	6241	6		
2120	13				
2122	13,14				
2123	14				
L/C 2201	14				
2205	14				
2235	14				
2245	15				
2250	15				
2251	15				
2274	15				
2292	15				
4003	15				
4022	16				
4116	16				

**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

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

CHARTS	MAIN TITLE	PUBLISHED	PRICE
New Editions			
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
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

***104 CANADIAN HYDROGRAPHIC SERVICE - NON EQUIVALENT ELECTRONIC NAVIGATIONAL CHARTS**

Note: The following ENC products are not equivalent to the current editions of their corresponding paper charts and should not be used as a replacement.

NON EQUIVALENT PRODUCTS		
S-57 ENC NUMBER	PAPER CHART NUMBER	CHART TITLE
CA476179	4466	Hillsborough Bay
CA476327	4596	Bay of Exploits Sheet/feuille II (Middle/centre)
CA476328	4597	Bay of Exploits Sheet/feuille III (South/sud)

***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.

SECTION 1 – Edition 01/2010
SAFETY AND GENERAL INFORMATION

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

***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

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

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
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

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

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

***108(P) BERENS RIVER TO/À NELSON RIVER – LIGHT STRUCTURE TO BE REPLACED**

Reference: Chart 6241

George Island light (LL 1608) (52° 49' 04" N 97° 3' 7 54" W)

The Canadian Coast Guard proposes to remove the existing tower due to structural deficiencies. The tower will be replaced with a new tower of similar height (15.5 metres). The new tower will exhibit a similar light but will not have a daymark. Comments regarding the removal of the existing tower and or the replacement tower are solicited from all interested parties.

Comments should be directed to Randy Childerhose, Supervisor, Marine Aids Program, Canadian Coast Guard, 28 Waubeek St., Parry Sound, ON, P2A 1B9, Telephone (705) 746-2196, Facsimile (705) 746-4820, E-mail Randy.Childerhose@dfm-mpo.gc.ca, 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.

(D2010-001)

***109 LAC SAINT-LOUIS - LAC DES DEUX MONTAGNES - INFORMATION CONCERNING UNCHARTED AIDS**

LAC SAINT-LOUIS

Add red spar buoy, CANAL LACHINE, Priv, marked P500 (45° 25' 49.1" N 73° 40' 16.3" W)

Add red spar buoy, CANAL LACHINE, Priv, marked P506 (45° 25' 48.4" N 73° 40' 31.6" W)

Add white and orange information spar buoy, CANAL LACHINE (Pas de vagues), Priv.
(45° 25' 51.9" N 73° 40' 50.8" W)

Add red spar buoy, CANAL LACHINE, Priv. marked P522 (45° 25' 53.7" N 73° 41' 14.7" W)

Add white and orange information spar buoy, CANAL LACHINE (Pas de vagues), Priv.
(45° 25' 51.9" N 73° 40' 50.8" W)

Delete white and orange information spar buoy, CANAL LACHINE Chenal Restreint, Priv.
(45° 25' 47.7" N 73° 40' 28.5" W)

Delete white and orange information spar buoy, CANAL LACHINE Chenal Restreint, Priv.
(45° 25' 48.4" N 73° 40' 31.8" W)

LAC DES DEUX MONTAGNES

Add starboard day beacon, CANAL STE ANNE DE BELLEVUE, Priv. (45° 24' 21.1" N 73° 57' 28" W)

Add portland day beacon, CANAL STE ANNE DE BELLEVUE, Priv. (45° 24' 20.1" N 73° 57' 30" W)

(Q2009-108, 109, 110, 117, 141, 142, 143, 144)

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

1234 - Pointe de la Rivière du Loup - New Edition - 25-MAY-2001 - NAD 1983

01-JAN-2010

Delete

depth of 3 metres 5 decimetres
(See Chart No. 1, I10)

LNM/D. 23-OCT-2009
47°50'54.2"N 069°34'21.3"W

DFO(6408020-01)

This notice might affect Electronic Navigational Chart: CA579031

Add

depth of 2 metres 9 decimetres
(See Chart No. 1, I10)

47°50'54.1"N 069°34'20.6"W

DFO(6408020-02)

This notice might affect Electronic Navigational Chart: CA579031

Delete

depth of 2 metres 8 decimetres
(See Chart No. 1, I10)

47°50'50.4"N 069°34'11.2"W

DFO(6408020-03)

This notice might affect Electronic Navigational Chart: CA579031

Add

depth of 0 metre 5 decimetres
(See Chart No. 1, I10)

47°50'50.4"N 069°34'11.1"W

DFO(6408020-04)

This notice might affect Electronic Navigational Chart: CA579031

Delete

depth of 1 metre 7 decimetres
(See Chart No. 1, I10)

47°50'49.6"N 069°34'18.2"W

DFO(6408020-06)

This notice might affect Electronic Navigational Chart: CA579031

Add

depth of 1 metre 3 decimetres
(See Chart No. 1, I10)

47°50'49.5"N 069°34'18.3"W

DFO(6408020-07)

This notice might affect Electronic Navigational Chart: CA579031

1432 - Lac Saint-François/Lake St. Francis B-C - Sheet 1 - New Chart - 09-JUL-1999 - NAD 1983

29-JAN-2010

Reposition

rear light and unusable leading line

LNM/D. 02-OCT-2009
from 45°07'40.6"N 074°24'15.8"W
to 45°07'41.3"N 074°24'01.2"W
(B2009127) LL(112) *DFO(6603555-01)*

Amend

legend FY14m to read FY20m against light

45°07'41.3"N 074°24'01.2"W
(B2009127) LL(112) *DFO(6603555-02)*

1432 - Lac Saint-François/Lake St. Francis A-B - Sheet 1 - New Chart - 09-JUL-1999 - NAD 1983

29-JAN-2010

Reposition

rear light and unusable leading line

LNM/D. 02-OCT-2009
from 45°07'40.6"N 074°24'15.8"W
to 45°07'41.3"N 074°24'01.2"W
(B2009127) LL(112) *DFO(6603555-01)*

Amend

legend FY14m to read FY20m against light

45°07'41.3"N 074°24'01.2"W
(B2009127) LL(112) *DFO(6603555-02)*

2021 - Murray Canal Presqu'île Bay to/à Trenton - Sheet 1 - New Edition - 02-FEB-2007 - NAD 1983

01-JAN-2010

Replace

red and white fairway lighted pillar buoy Mo(A), marked P with a red
and white fairway lighted spar buoy Mo(A), marked P.
(See Chart No. 1, Qh)

LNM/D. 31-AUG-2007
43°59'57.0"N 077°39'47.1"W

(B2009024) LL(491.8) DFO(6603516-01)

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

2050 - Oshawa Harbour - New Chart - 10-MAY-1985 - NAD 1927

01-JAN-2010

Replace red starboard hand lighted pillar buoy FIR, marked MV4 with a red starboard hand lighted spar buoy FI R, marked MV4
(See Chart No. 1, Qf)

LNМ/D. 05-SEP-2008
43°51'44.1"N 078°49'09.0"W

(B2009026) LL(501.2) DFO(6603518-01)

This notice might affect Electronic Navigational Chart: CA573013

2058 - Cobourg to/à Oshawa - New Edition - 25-FEB-2000 - NAD 1983

01-JAN-2010

Replace yellow and black South cardinal lighted pillar buoy Q(6)+LFI 15s, marked MN with a yellow and black South cardinal lighted spar buoy Q(6)+LFI 15s, marked MN
(See Chart No. 1, Q130.3)

LNМ/D. 08-SEP-2006
43°56'05.4"N 078°13'48.0"W

(B2009025) LL(497.5) DFO(6603517-01)

Replace red starboard hand lighted pillar buoy FI R, marked MV4 with a red starboard hand lighted spar buoy FI R, marked MV4
(See Chart No. 1, Qf)

43°51'41.0"N 078°49'06.0"W

(B2009026) LL(501.2) DFO(6603518-01)

2059 - Scotch Bonnet Island to/à Cobourg - New Chart - 31-JUL-1998 - NAD 1983

01-JAN-2010

Replace red and white fairway lighted pillar buoy Mo(A), marked P with a red and white fairway lighted spar buoy Mo(A), marked P
(See Chart No. 1, Qh)

LNМ/D. 04-NOV-2005
43°59'57.0"N 077°39'47.1"W

(B2009024) LL(491.8) DFO(6603516-01)

This notice might affect Electronic Navigational Chart: CA373234

Replace yellow and black South cardinal lighted pillar buoy Q(6)+LFI 15s, marked MN with a yellow and black South cardinal lighted spar buoy Q(6)+LFI 15s, marked MN
(See Chart No. 1, Q130.3)

43°56'05.3"N 078°13'48.9"W

(B2009025) LL(497.5) DFO(6603517-01)

This notice might affect Electronic Navigational Chart: CA373234

2069 - Picton to/à Presqu'île Bay - New Edition - 19-MAY-2000 - NAD 1983

01-JAN-2010

Replace red and white fairway lighted pillar buoy Mo(A), marked P with a red and white fairway lighted spar buoy Mo(A), marked P
(See Chart No. 1, Qh)

LNМ/D. 22-MAY-2009
43°59'57.0"N 077°39'47.1"W

(B2009024) LL(491.8) DFO(6603516-01)

2070 - Bronte Harbour - Sheet 1 - New Edition - 29-APR-1983 - NAD 1927

29-JAN-2010

Delete legend Fog Sig Priv against light
(See Chart No. 1, R1)

LNМ/D. 02-MAY-2008
147°, 260 feet from port daybeacon

(B2009124) LL(529) DFO(6603552-01)

2070 - Oakville Harbour - Sheet 1 - New Edition - 29-APR-1983 - NAD 1927

29-JAN-2010

Delete legend Fog Sig (Priv) against light
(See Chart No. 1, R1)

LNМ/D. 02-MAY-2008
49.5°, 3150 feet from the southwest corner of the inset

(B2009125) LL(528) DFO(6603553-01)

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

2077 - Lake Ontario/Lac Ontario Western Portion/Partie ouest - New Edition - 23-APR-1999 - NAD 1983

08-JAN-2010 LNM/D. 13-NOV-2009
 Replace green port hand lighted pillar buoy FIG, marked T1 with a green port hand lighted spar buoy FIG, marked T1 43°36'40.0"N 079°21'03.0"W
 (See Chart No. 1, Qg)

(B2009027) LL(508) DFO(6603519-01)

This notice might affect Electronic Navigational Chart: CA373091

15-JAN-2010 LNM/D. 08-JAN-2010
 Replace red starboard hand lighted pillar buoy FIR, marked T2 with a red starboard hand lighted spar buoy FIR, marked T2 43°36'39.7"N 079°20'46.8"W
 (See Chart No. 1, Qf)

(B2009028) LL(509) DFO(6603520-01)

This notice might affect Electronic Navigational Chart: CA373091

Replace red starboard hand lighted pillar buoy FIR, marked TE18 with a red starboard hand lighted spar buoy FIR, marked TE18 43°36'19.2"N 079°23'30.3"W
 (See Chart No. 1, Qf)

(B2009032) LL(511) DFO(6603525-01)

This notice might affect Electronic Navigational Chart: CA373091

29-JAN-2010 LNM/D. 15-JAN-2010
 Delete legend Fog Sig (Priv) against light 43°23'36.0"N 079°42'10.9"W
 (See Chart No. 1, R1)

(B2009124) LL(529) DFO(6603552-01)

This notice might affect Electronic Navigational Chart: CA373091

2085 - Toronto Harbour - New Edition - 18-FEB-2000 - NAD 1983

08-JAN-2010 LNM/D. 02-OCT-2009
 Replace green port hand lighted pillar buoy FIG, marked T1 with a green port hand lighted spar buoy FIG, marked T1 43°36'38.5"N 079°21'00.8"W
 (See Chart No. 1, Qg)

(B2009027) LL(508) DFO(6603519-01)

This notice might affect Electronic Navigational Chart: CA573008

15-JAN-2010 LNM/D. 08-JAN-2010
 Replace red starboard hand lighted pillar buoy FIR, marked T2 with a red starboard hand lighted spar buoy FIR, marked T2 43°36'39.7"N 079°20'46.8"W
 (See Chart No. 1, Qf)

(B2009028) LL(509) DFO(6603520-01)

This notice might affect Electronic Navigational Chart: CA573008

Replace red starboard hand lighted pillar buoy FIR, marked T4 with a red starboard hand lighted spar buoy FIR, marked T4 43°37'28.2"N 079°20'44.5"W
 (See Chart No. 1, Qf)

(B2009029) LL(509.4) DFO(6603522-01)

This notice might affect Electronic Navigational Chart: CA573008

Replace red starboard hand lighted pillar buoy FIR, marked T8 with a red starboard hand lighted spar buoy FIR, marked T8 43°37'54.2"N 079°20'48.8"W
 (See Chart No.1, Qf)

(B2009030) LL(509.5) DFO(6603523-01)

This notice might affect Electronic Navigational Chart: CA573008

Replace green port hand lighted pillar buoy QG, marked T7 with a green port hand lighted spar buoy QG, marked T7 43°37'51.5"N 079°20'56.4"W
 (See Chart No. 1, Qg)

(B2009031) LL(509.6) DFO(6603524-01)

This notice might affect Electronic Navigational Chart: CA573008

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

Replace red starboard hand lighted pillar buoy FIR, marked TE18 with a red starboard hand lighted spar buoy FIR, marked TE18 (See Chart No. 1, Qf) 43°36'19.2"N 079°23'30.3"W

(B2009032) LL(511) DFO(6603525-01)

This notice might affect Electronic Navigational Chart: CA573008

2086 - Toronto to/à Hamilton - New Edition - 03-JAN-2003 - NAD 1983

08-JAN-2010

LNM/D. 02-OCT-2009

Replace green port hand lighted pillar buoy FIG, marked T1 with a green port hand lighted spar buoy FIG, marked T1 (See Chart No. 1, Qg)

43°36'38.5"N 079°21'00.8"W

(B2009027) LL(508) DFO(6603519-01)

15-JAN-2010

LNM/D. 08-JAN-2010

Replace red starboard hand lighted pillar buoy FIR, marked T2 with a red starboard hand lighted spar buoy FIR, marked T2 (See Chart No. 1, Qf)

43°36'39.7"N 079°20'46.8"W

(B2009028) LL(509) DFO(6603520-01)

Replace

red starboard hand lighted pillar buoy FIR, marked TE18 with a red starboard hand lighted spar buoy FIR, marked TE18 (See Chart No. 1, Qf)

43°36'19.2"N 079°23'31.0"W

(B2009032) LL(511) DFO(6603525-01)

29-JAN-2010

LNM/D. 15-JAN-2010

Delete legend Fog Sig Priv against light (See Chart No. 1, R1)

43°23'34.8"N 079°42'10.9"W

(B2009124) LL(529) DFO(6603552-01)

Delete

legend Fog Sig Priv against light (See Chart No. 1, R1)

43°26'22.0"N 079°39'55.6"W

(B2009125) LL(528) DFO(6603553-01)

L/C2100 - Lake Erie / Lac Érié - New Edition - 25-DEC-1998 - NAD 1983

01-JAN-2010

LNM/D. 17-JUL-2009

Replace red starboard hand lighted pillar buoy FI R with red starboard hand lighted spar buoy FI R

42°50'25.0"N 079°13'23.0"W

(B2009033) LL(553.6) DFO(6603526-01)

This notice might affect Electronic Navigational Chart: CA273094

Replace

red starboard hand lighted pillar buoy FI R with red starboard hand lighted spar buoy FI R

42°48'49.0"N 079°31'02.0"W

(B2009034) LL(561) DFO(6603527-01)

This notice might affect Electronic Navigational Chart: CA273094

Amend

red starboard hand lighted pillar buoy FI R with red starboard hand lighted spar buoy FI R

42°47'44.0"N 079°43'26.0"W

(B2009035) LL(565) DFO(6603528-01)

This notice might affect Electronic Navigational Chart: CA273094

Replace

red starboard hand lighted pillar buoy FI R with red starboard hand lighted spar buoy FI R

42°43'50.0"N 080°03'30.0"W

(B2009048) LL(568.5) DFO(6603542-01)

This notice might affect Electronic Navigational Chart: CA273094

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

L/C2110 - Long Point Bay - New Edition - 29-MAY-1998 - NAD 1983

01-JAN-2010

LNMD. 15-AUG-2008

Replace	green port hand lighted pillar buoy FI G, marked EA11 with green port hand lighted spar buoy FI G, marked EA11	42°35'46.1"N 080°09'31.0"W (B2009105) LL(578) DFO(6603521-01)
	This notice might affect Electronic Navigational Chart: CA473305	
Replace	red starboard hand lighted pillar buoy Q R, marked EN2 with red starboard hand lighted spar buoy Q R, marked EN2	42°44'23.4"N 080°05'26.0"W (B2009036) LL(566.04) DFO(6603530-01)
	This notice might affect Electronic Navigational Chart: CA473305	
Replace	green port hand lighted pillar buoy FI G, marked EN1 with green port hand lighted spar buoy FI G, marked EN1	42°44'36.3"N 080°05'45.8"W (B2009037) LL(566.05) DFO(6603531-01)
	This notice might affect Electronic Navigational Chart: CA473305	
Replace	green port hand lighted pillar buoy FI G, marked EN5 with green port hand lighted spar buoy FI G, marked EN5	42°45'08.1"N 080°05'01.0"W (B2009038) LL(566.06) DFO(6603532-01)
	This notice might affect Electronic Navigational Chart: CA473305	
Replace	red starboard hand lighted pillar buoy FI R, marked EN6 with red starboard hand lighted spar buoy FI R, marked EN6	42°44'57.2"N 080°04'45.7"W (B2009039) LL(566.07) DFO(6603533-01)
	This notice might affect Electronic Navigational Chart: CA473305	
Replace	green port hand lighted pillar buoy Q G, marked EN7 with green port hand lighted spar buoy Q G, marked EN7	42°45'27.9"N 080°04'35.1"W (B2009040) LL(566.08) DFO(6603534-01)
	This notice might affect Electronic Navigational Chart: CA473305	
Replace	red starboard hand lighted pillar buoy FI R, marked EN8 with red starboard hand lighted spar buoy FI R, marked EN8	42°45'30.3"N 080°04'05.2"W (B2009041) LL(566.09) DFO(6603535-01)
	This notice might affect Electronic Navigational Chart: CA473305	
Replace	green port hand lighted pillar buoy FI G, marked EN9 with green port hand lighted spar buoy FI G, marked EN9	42°46'12.4"N 080°03'36.0"W (B2009042) LL(566.3) DFO(6603536-01)
	This notice might affect Electronic Navigational Chart: CA473305	
Replace	red starboard hand lighted pillar buoy FI R, marked EN10 with red starboard hand lighted spar buoy FI R, marked EN10	42°46'04.4"N 080°03'24.9"W (B2009043) LL(566.31) DFO(6603537-01)
	This notice might affect Electronic Navigational Chart: CA473305	
Replace	green port hand lighted pillar buoy Q G, marked EN11 with green port hand lighted spar buoy Q G, marked EN11	42°46'44.3"N 080°02'52.1"W (B2009044) LL(566.34) DFO(6603538-01)
	This notice might affect Electronic Navigational Chart: CA473305	
Replace	red starboard hand lighted pillar buoy FI R, marked EN12 with red starboard hand lighted spar buoy FI R, marked EN12	42°46'38.2"N 080°02'44.4"W (B2009045) LL(566.35) DFO(6603539-01)
	This notice might affect Electronic Navigational Chart: CA473305	

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

Replace	red starboard hand lighted pillar buoy FI R, marked EN14 with red starboard hand lighted spar buoy FI R, marked EN14	42°47'02.3"N 080°02'16.2"W
		<i>(B2009046) LL(566.36) DFO(6603540-01)</i>
	This notice might affect Electronic Navigational Chart: CA473305	
Replace	red starboard hand lighted pillar buoy FI R, marked EA8 with red starboard hand lighted spar buoy FI R, marked EA8	42°43'42.2"N 080°03'38.0"W
		<i>(B2009048) LL(568.5) DFO(6603542-01)</i>
	This notice might affect Electronic Navigational Chart: CA473305	
L/C2110 - Nanticoke Harbour - New Edition - 29-MAY-1998 - NAD 1983		
01-JAN-2010		LNMD. 15-AUG-2008
Replace	red starboard hand lighted pillar buoy Q R, marked EN2 with red starboard hand lighted spar buoy Q R, marked EN2	42°44'23.4"N 080°05'26.0"W
		<i>(B2009036) LL(566.04) DFO(6603530-01)</i>
	This notice might affect Electronic Navigational Chart: CA573306	
Replace	green port hand lighted pillar buoy FI G, marked EN1 with green port hand lighted spar buoy FI G, marked EN1	42°44'36.3"N 080°05'45.8"W
		<i>(B2009037) LL(566.05) DFO(6603531-01)</i>
	This notice might affect Electronic Navigational Chart: CA573306	
Replace	green port hand lighted pillar buoy FI G, marked EN5 with green port hand lighted spar buoy FI G, marked EN5	42°45'08.1"N 080°05'01.6"W
		<i>(B2009038) LL(566.06) DFO(6603532-01)</i>
	This notice might affect Electronic Navigational Chart: CA573306	
Replace	red starboard hand lighted pillar buoy FI R, marked EN6 with red starboard hand lighted spar buoy FI R, marked EN6	42°44'57.2"N 080°04'45.7"W
		<i>(B2009039) LL(566.07) DFO(6603533-01)</i>
	This notice might affect Electronic Navigational Chart: CA573306	
Replace	green port hand lighted pillar buoy Q G, marked EN7 with green port hand lighted spar buoy Q G, marked EN7	42°45'27.9"N 080°04'35.1"W
		<i>(B2009040) LL(566.08) DFO(6603534-01)</i>
	This notice might affect Electronic Navigational Chart: CA573306	
Replace	red starboard hand lighted pillar buoy FI R, marked EN8 with red starboard hand lighted spar buoy FI R, marked EN8	42°45'30.3"N 080°04'05.2"W
		<i>(B2009041) LL(566.09) DFO(6603535-01)</i>
	This notice might affect Electronic Navigational Chart: CA573306	
Replace	green port hand lighted pillar buoy FI G, marked EN9 with green port hand lighted spar buoy FI G, marked EN9	42°46'12.4"N 080°03'35.0"W
		<i>(B2009042) LL(566.3) DFO(6603536-01)</i>
	This notice might affect Electronic Navigational Chart: CA573306	
Replace	red starboard hand lighted pillar buoy FI R, marked EN10 with red starboard hand lighted spar buoy FI R, marked EN10	42°46'04.4"N 080°03'24.9"W
		<i>(B2009043) LL(566.31) DFO(6603537-01)</i>
	This notice might affect Electronic Navigational Chart: CA573306	
Replace	green port hand lighted pillar buoy Q G, marked EN11 with green port hand lighted spar buoy Q G, marked EN11	42°46'44.3"N 080°02'52.1"W
		<i>(B2009044) LL(566.34) DFO(6603538-01)</i>
	This notice might affect Electronic Navigational Chart: CA573306	

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

Replace red starboard hand lighted pillar buoy FI R, marked EN12 with red starboard hand lighted spar buoy FI R, marked EN12 42°46'38.2"N 080°02'44.4"W
(B2009045) LL(566.35) DFO(6603539-01)
This notice might affect Electronic Navigational Chart: CA573306

Replace red starboard hand lighted pillar buoy FI R, marked EN14 with red starboard hand lighted spar buoy FI R, marked EN14 42°47'02.3"N 080°02'16.2"W
(B2009046) LL(566.36) DFO(6603540-01)
This notice might affect Electronic Navigational Chart: CA573306

Replace green port hand lighted pillar buoy FI G, marked EN17 with green port hand lighted spar buoy FI G, marked EN17 42°47'21.5"N 080°02'45.0"W
(B2009047) LL(566.43) DFO(6603541-01)
This notice might affect Electronic Navigational Chart: CA573306

2120 - Niagara River to/à Long Point - New Edition - 15-APR-2005 - NAD 1983

01-JAN-2010

LNM/D. 27-MAR-2009

Replace green port hand lighted pillar buoy FI G, marked EA11 with green port hand lighted spar buoy FI G, marked EA11 42°35'46.1"N 080°09'31.0"W
(B2009105) LL(578) DFO(6603521-01)
This notice might affect Electronic Navigational Chart: CA373093

Replace red starboard hand lighted pillar buoy FI R, marked EA2/2 with red starboard hand lighted spar buoy FI R, marked EA2/2 42°50'24.5"N 079°14'11.4"W
(B2009033) LL(553.6) DFO(6603526-01)
This notice might affect Electronic Navigational Chart: CA373093

Replace red starboard hand lighted pillar buoy FI R, marked EA4 with red starboard hand lighted spar buoy FI R, marked EA4 42°48'49.2"N 079°31'01.5"W
(B2009034) LL(561) DFO(6603527-01)
This notice might affect Electronic Navigational Chart: CA373093

Amend red starboard hand lighted pillar buoy FI R, marked EA6 with red starboard hand lighted spar buoy FI R, marked EA6 42°47'39.0"N 079°43'27.8"W
(B2009035) LL(565) DFO(6603528-01)
This notice might affect Electronic Navigational Chart: CA373093

Replace red starboard hand lighted pillar buoy Q R, marked EN2 with red starboard hand lighted spar buoy Q R, marked EN2 42°44'23.4"N 080°05'26.0"W
(B2009036) LL(566.04) DFO(6603530-01)
This notice might affect Electronic Navigational Chart: CA373093

Replace green port hand lighted pillar buoy FI G, marked EN1 with green port hand lighted spar buoy FI G, marked EN1 42°44'36.3"N 080°05'45.8"W
(B2009037) LL(566.05) DFO(6603531-01)
This notice might affect Electronic Navigational Chart: CA373093

Replace red starboard hand lighted pillar buoy FI R, marked EA8 with red starboard hand lighted spar buoy FI R, marked EA8 42°43'42.2"N 080°03'38.0"W
(B2009048) LL(568.5) DFO(6603542-01)
This notice might affect Electronic Navigational Chart: CA373093

2122 - Pointe aux Pins to/à Point Pelee - New Edition - 10-AUG-2007 - NAD 1983

01-JAN-2010

Replace red starboard hand lighted pillar buoy FI R, marked E6 with red starboard hand lighted spar buoy FI R, marked E6 41°49'12.2"N 082°28'11.0"W
(B2009049) LL(597.4) DFO(6603543-01)
This notice might affect Electronic Navigational Chart: CA373090

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

Replace red starboard hand lighted pillar buoy FI R, marked EP2 with red starboard hand lighted spar buoy FI R, marked EP2 41°52'09.5"N 082°30'28.5"W
(B2009050) LL(600) DFO(6603544-01)

This notice might affect Electronic Navigational Chart: CA373090

2123 - Pelee Passage to/à la Detroit River - New Edition - 27-JAN-2006 - NAD 1983

01-JAN-2010

LNMD. 25-DEC-2009

Replace red starboard hand lighted pillar buoy FI R, marked E6 with red starboard hand lighted spar buoy FI R, marked E6 41°49'12.0"N 082°28'11.5"W
(B2009049) LL(597.4) DFO(6603543-01)

Replace red starboard hand lighted pillar buoy FI R, marked EP2 with red starboard hand lighted spar buoy FI R, marked EP2 41°52'09.5"N 082°30'29.0"W
(B2009050) LL(600) DFO(6603544-01)

Replace green port hand lighted pillar bouy FI G, marked E9 with green port hand lighted spar buoy FI G, marked E9 41°51'25.0"N 082°34'51.9"W
(B2009051) LL(601) DFO(6603545-01)

This notice might affect Electronic Navigational Chart: CA373089

Amend red starboard hand lighted pillar buoy FI R, marked E8 with red starboard hand lighted spar buoy FI R, marked E8 41°51'55.1"N 082°33'38.6"W
(B2009052) LL(608) DFO(6603546-01)

This notice might affect Electronic Navigational Chart: CA373089

L/C2201 - Georgian Bay / Baie Georgienne - New Edition - 18-NOV-1998 - NAD 1983

29-JAN-2010

LNMD. 25-APR-2008

Amend legend F 91ft 15M to read FI 10s 91ft 8M against light (See Chart No.1, P16) 45°18'23.0"N 081°36'47.0"W
(D2009044) LL(819) DFO(6603558-01)

2205 - Killarney to/à Little Current - New Edition - 11-MAY-2001 - NAD 1983

29-JAN-2010

LNMD. 12-DEC-2008

Amend legend F to read FI against light (See Chart No. 1, P16) 45°59'01.0"N 081°31'56.0"W
(D2009045) LL(978) DFO(6603559-01)

This notice might affect Electronic Navigational Chart: CA473229

2235 - Cape Hurd to/à Lonely Island - New Edition - 24-SEP-1999 - NAD 1983

29-JAN-2010

LNMD. 25-APR-2008

Amend legend 2 Lts F to read F 51ft against light (See Chart No.1, P16) 45°17'31.0"N 081°41'14.0"W
(D2009043) LL(818) DFO(6603557-01)

This notice might affect Electronic Navigational Chart: CA373281

Add legend FI 53ft against light (See Chart No.1, P16) 45°17'31.0"N 081°41'14.0"W
(D2009043) LL(818) DFO(6603557-02)

This notice might affect Electronic Navigational Chart: CA373281

Amend legend F 91ft 15M to read FI 10s 91ft 8M against light (See Chart No.1, P16) 45°18'24.5"N 081°36'50.0"W
(D2009044) LL(819) DFO(6603558-01)

This notice might affect Electronic Navigational Chart: CA373281

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

2245 - Beaverstone Bay to/à Lonely Island and/et McGregor Bay - New Edition - 26-JUL-2002 - NAD 1983

29-JAN-2010 LNM/D. 09-NOV-2007
 Amend legend F to read FI against light 45°59'01.0"N 081°31'56.0"W
 (See Chart No. 1, P16)
 (D2009045) LL(978) DFO(6603559-01)

2250 - Bruce Mines to/à Sugar Island - New Chart - 09-MAY-1986 - NAD 1927

29-JAN-2010 LNM/D. 11-DEC-2009
 Amend legend Iso 13m 15M to read Iso 13m 5M against light 46°16'55.6"N 083°46'50.6"W
 (See Chart No.1, P16)
 (D2009047) LL(1050) DFO(6603561-01)
 This notice might affect Electronic Navigational Chart: CA473285

2251 - Meldrum Bay to/à St.Joseph Island - New Chart - 11-APR-1986 - NAD 1927

29-JAN-2010 LNM/D. 26-DEC-2008
 Amend legend Iso 13m 15M to read Iso 13m 5M against light 46°16'56.0"N 083°46'51.0"W
 (See Chart No.1, P16)
 (D2009047) LL(1050) DFO(6603561-01)
 This notice might affect Electronic Navigational Chart: CA373060

2274 - Cape Hurd to/à Tobermory and/et Cove Island - New Edition - 07-APR-2000 - NAD 1983

29-JAN-2010 LNM/D. 07-JAN-2005
 Amend legend F 53ft to read FI 53ft against light 45°17'32.0"N 081°41'13.5"W
 (See Chart No.1, P16)
 (D2009043) LL(818) DFO(6603557-01)
 This notice might affect Electronic Navigational Chart: CA573005

2292 - Chantry Island to Cove Island - New Edition - 28-APR-1989 - Unknown

29-JAN-2010 LNM/D. 02-JUN-2006
 Amend legend F 53ft to read FI 53ft against light 45°17'33.0"N 081°41'14.0"W
 (See Chart No.1, P16)
 (D2009043) LL(818) DFO(6603557-01)
 Amend legend F 91ft 15M to read FI 10s 91ft 8M against light 45°18'30.0"N 081°36'51.0"W
 (See Chart No.1, P16)
 (D2009044) LL(819) DFO(6603558-01)

4003 - Cape Breton to/à Cape Cod - New Edition - 21-MAR-2003 - NAD 1983

29-JAN-2010 LNM/D. 11-DEC-2009
 Add dangerous wreck, depth unknown PA 42°24'27.0"N 070°27'17.0"W
 (See Chart No 1 K28 and B7)
 DFO(6304480-01)
 This notice might affect Electronic Navigational Chart: CA176140
 Delete red and white fairway pillar light and whistle buoy Mo(A), WHIS with 41°26'13.0"N 069°43'00.0"W
 radar transponder beacon and legend Racon
 (See Chart No 1 Q5, P10.9 and S3.6)
 DFO(6304480-02)
 This notice might affect Electronic Navigational Chart: CA176140
 Delete dangerous wreck, depth unknown 41°55'18.0"N 070°26'51.0"W
 (See Chart No 1 K28)
 DFO(6304480-04)
 This notice might affect Electronic Navigational Chart: CA176140
 Amend FI 23M to read FI 18M against light 42°02'22.3"N 070°03'39.4"W
 (See Chart No 1 P16)
 DFO(6304480-05)
 This notice might affect Electronic Navigational Chart: CA176140

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

**4022 - Cabot Strait and approaches / Déroit de Cabot et les approches, Scatarie Island to/à Anticosti Island / Île D'Anticosti -
New Edition - 17-JAN-2003 - NAD 1983**

08-JAN-2010 LNM/D. 21-AUG-2009
Delete dangerous wreck 47°26'29.0"N 061°19'35.0"W
(See Chart 1 K28)

DFO(6304691-01)

This notice might affect Electronic Navigational Chart: CA276271

4116 - Approches to/Approches à Saint John - New Edition - 31-AUG-2007 - NAD 1983

08-JAN-2010 LNM/D. 07-AUG-2009
Add breakwater with legend Bkw 45°07'52.3"N 066°29'58.2"W
(See Chart 1 F4.1)

and 45°07'47.2"N 066°29'57.8"W
DFO(6304689-01)

This notice might affect Electronic Navigational Chart: CA376011

Add light FIR 45°07'52.2"N 066°29'58.2"W
(See Chart No 1 P1)

DFO(6304689-02)

This notice might affect Electronic Navigational Chart: CA376011

4234 - Country Island to/à Barren Island - New Chart - 10-APR-1987 - NAD 1983

01-JAN-2010 LNM/D. 31-JUL-2009
Delete light FR 45°06'19.1"N 061°43'22.7"W
(See Chart No 1 P1)

(G2009153) LL(631) DFO(6304658-01)

This notice might affect Electronic Navigational Chart: CA376109

Add light Iso R 45°06'18.8"N 061°43'21.9"W
(See Chart No 1 P1)

(G2009154) LL(631.2) DFO(6304659-01)

This notice might affect Electronic Navigational Chart: CA376109

Add rescue station 45°06'26.0"N 061°43'16.0"W
(See Chart No 1 T12)

DFO(6304664-01)

This notice might affect Electronic Navigational Chart: CA376109

4234 - Port Bickerton - New Chart - 10-APR-1987 - NAD 1983

01-JAN-2010 LNM/D. 31-JUL-2009
Amend FIR to read Iso R against light 45°05'40.8"N 061°43'28.5"W
(See Chart No 1 P16)

(G2009150) LL(629.8) DFO(6304655-01)

This notice might affect Electronic Navigational Chart: CA576110

Amend FG 4m to read FIG against light 45°05'41.8"N 061°43'35.1"W
(See Chart No 1 P16)

(G2009152) LL(629.9) DFO(6304657-01)

This notice might affect Electronic Navigational Chart: CA576110

Delete light FR 4m 45°06'19.1"N 061°43'22.7"W
(See Chart No 1 P1)

(G2009153) LL(631) DFO(6304658-01)

This notice might affect Electronic Navigational Chart: CA576110

Add light Iso R 4s 45°06'18.8"N 061°43'21.9"W
(See Chart No 1 P1)

(G2009154) LL(631.2) DFO(6304659-01)

This notice might affect Electronic Navigational Chart: CA576110

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

Add	rescue station (See Chart No 1 T12)	45°06'25.0"N 061°43'23.0"W
		<i>DFO(6304664-01)</i>
	This notice might affect Electronic Navigational Chart: CA576110	
Delete	radio tower, Ro Tr, with elevation of 31m, RLts (See Chart No 1 E28)	45°06'19.2"N 061°43'23.1"W
		<i>DFO(6304665-01)</i>
	This notice might affect Electronic Navigational Chart: CA576110	
Add	radio tower, Ro Tr, with elevation of 30m, RLts (See Chart No 1 E28)	45°06'23.5"N 061°43'18.9"W
		<i>DFO(6304665-02)</i>
	This notice might affect Electronic Navigational Chart: CA576110	
Replace	wharf with submerged ruins with legend Ru (See Chart No 1 F33.1)	joining 45°05'37.8"N 061°43'37.0"W
		45°05'36.8"N 061°43'36.6"W
		and 45°05'36.7"N 061°43'37.1"W
		<i>DFO(6304666-01)</i>
	This notice might affect Electronic Navigational Chart: CA576110	
Delete	legend Public	45°05'36.5"N 061°43'39.8"W
		<i>DFO(6304666-02)</i>
	This notice might affect Electronic Navigational Chart: CA576110	
Delete	legend Ru	45°05'39.6"N 061°43'37.9"W
		<i>DFO(6304666-03)</i>
	This notice might affect Electronic Navigational Chart: CA576110	
4237 - Approaches to/Approches de Halifax Harbour - New Edition - 02-JUN-2000 - NAD 1983		
15-JAN-2010		LNM/D. 14-AUG-2009
Add	depth of 96 metres, over artificial feature (See Chart No 1 Ka)	44°21'07.8"N 063°18'17.7"W
		<i>DFO(6304670-01)</i>
	This notice might affect Electronic Navigational Chart: CA476009	
Reposition	red starboard hand lighted pillar bell buoy BELL, FIR, marked HP2 (See Chart No 1 Qf)	from 44°35'11.0"N 063°28'36.0"W
		to 44°35'11.2"N 063°28'47.3"W
		<i>(F2009072) LL(544) DFO(6304677-01)</i>
	This notice might affect Electronic Navigational Chart: CA476009	
4308 - Petit-de-Grat Inlet - New Edition - 21-MAR-2003 - NAD 1983		
08-JAN-2010		LNM/D. 14-AUG-2009
Add	yellow cautionary spar buoy, marked CXA (See Chart No 1 Qm)	45°30'13.7"N 060°57'40.4"W
		<i>(G2009147) DFO(6304636-01)</i>
	This notice might affect Electronic Navigational Chart: CA576222	
L/C4320 - Egg Island to/à West Ironbound Island - New Edition - 26-SEP-1997 - NAD 1983		
15-JAN-2010		LNM/D. 13-NOV-2009
Add	depth of 52 fathoms, over artificial feature (See Chart No 1 Ka)	44°21'07.8"N 063°18'17.7"W
		<i>DFO(6304670-01)</i>
Add	depth of 91 fathoms, over artificial feature (See Chart No 1 Ka)	44°14'57.2"N 063°10'00.3"W
		<i>DFO(6304670-02)</i>

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

Add depth of 94 fathoms, over artificial feature
(See Chart No 1 Ka) 44°08'02.6"N 063°01'58.5"W
DFO(6304670-03)

4321 - Cape Canso to Liscomb Island - New Edition - 08-OCT-2004 - NAD 1983

01-JAN-2010 LNM/D. 31-JUL-2009
Add light Iso R 45°06'18.8"N 061°43'21.9"W
(See Chart No 1 P1)
(G2009154) LL(631.2) DFO(6304659-01)
This notice might affect Electronic Navigational Chart: CA376230

Add rescue station 45°06'24.0"N 061°43'30.0"W
(See Chart No 1 T12)
DFO(6304664-01)
This notice might affect Electronic Navigational Chart: CA376230

4396 - Annapolis Basin - New Edition - 16-JUL-2004 - NAD 1983

15-JAN-2010 LNM/D. 30-JUN-2006
Reposition red starboard hand lighted spar buoy FIR, marked V6 from 44°37'35.7"N 065°45'03.2"W
(See Chart No 1 Qf) to 44°37'34.6"N 065°45'03.8"W
(F2009071) LL(206) DFO(6304669-01)
This notice might affect Electronic Navigational Chart: CA476006

4396 - Digby - New Edition - 16-JUL-2004 - NAD 1983

15-JAN-2010 LNM/D. 30-JUN-2006
Reposition red starboard hand lighted spar buoy FIR, marked V6 from 44°37'35.7"N 065°45'03.2"W
(See Chart No 1 Qf) to 44°37'34.6"N 065°45'03.8"W
(F2009071) LL(206) DFO(6304669-01)
This notice might affect Electronic Navigational Chart: CA576008

4486 - Baie des Chaleurs/Chaleur Bay - New Edition - 19-FEB-1999 - NAD 1983

15-JAN-2010 LNM/D. 21-AUG-2009
CANCELS yellow cautionary spar buoy, Priv 48°06'14.9"N 066°00'02.5"W
With this cancellation, action dated 24-JAN-2003 is cancelled. *(L2002099) DFO(6300476-01)*
CANCELS yellow cautionary spar buoy, Priv 48°05'39.1"N 065°59'22.1"W
With this cancellation, action dated 24-JAN-2003 is cancelled. *(L2002100) DFO(6300477-01)*
CANCELS yellow cautionary spar light buoy, Fl Y, Priv 48°06'28.1"N 065°57'41.7"W
With this cancellation, action dated 24-JAN-2003 is cancelled. *(L2002101) DFO(6300478-01)*
CANCELS yellow cautionary spar buoy, Priv 48°07'02.9"N 065°58'21.3"W
With this cancellation, action dated 24-JAN-2003 is cancelled. *(L2002102) DFO(6300479-01)*
CANCELS yellow cautionary spar buoy, Priv 48°05'22.0"N 066°01'55.7"W
With this cancellation, action dated 24-JAN-2003 is cancelled. *(L2002103) DFO(6300480-01)*
CANCELS yellow cautionary spar buoy, Priv 48°04'45.1"N 066°01'15.3"W
With this cancellation, action dated 24-JAN-2003 is cancelled. *(L2002104) DFO(6300481-01)*

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

CANCELS	yellow cautionary spar light buoy, Fl Y, Priv With this cancellation, action dated 24-JAN-2003 is cancelled.	48°04'21.7"N 066°02'11.5"W (L2002105) DFO(6300482-01)
CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 24-JAN-2003 is cancelled.	48°04'56.2"N 066°02'51.2"W (L2002106) DFO(6300483-01)
CANCELS	marine farm While this notification permanently cancels action dated 24-JAN-2003, it is replaced by a new action. See reference DFO (6408024-01) appearing in this edition.	joining 48°06'14.9"N 066°00'02.5"W 48°05'39.1"N 065°59'22.1"W 48°06'28.1"N 065°57'41.7"W 48°07'02.9"N 065°58'21.3"W and 48°06'14.9"N 066°00'02.5"W DFO(6405137-01)
CANCELS	marine farm While this notification permanently cancels action dated 24-JAN-2003, it is replaced by a new action. See reference DFO (6408025-01) appearing in this edition.	joining 48°04'56.2"N 066°02'51.2"W 48°04'21.7"N 066°02'11.5"W 48°04'45.1"N 066°01'15.3"W 48°05'22.0"N 066°01'55.7"W and 48°04'56.2"N 066°02'51.2"W DFO(6405141-01)
CANCELS	marine farm With this cancellation, action dated 04-JAN-2002 is cancelled.	joining 48°06'58.3"N 065°59'53.7"W 48°06'39.6"N 065°59'34.8"W 48°06'03.3"N 066°00'54.9"W 48°06'22.1"N 066°01'13.9"W and 48°06'58.3"N 065°59'53.7"W DFO(6406484-01)
Add	marine farm (See Chart No. 1, K48.2) With this notification, action dated 24-JAN-2003 is cancelled. See reference DFO(6405137) appearing in this edition. This notice might affect Electronic Navigational Chart: CA376187	48°06'20.0"N 065°58'50.0"W DFO(6408024-01)
Amend	the note to read: FERME MARINE Plusieurs fermes marines se trouvent dans la baie de Cascapédia et la baie Tracadigache. Pour plus de renseignements sur les fermes d'aquaculture, reportez-vous aux Instructions nautiques, ATL 100, Généralités, Côte Atlantique. This notice might affect Electronic Navigational Chart: CA376187	48°26'03.0"N 065°53'43.0"W DFO(6408024-02)
Amend	the note to read: MARINE FARM Numerous marine farms are located in Baie de Cascapedia and Baie Tracadigache. For additional information concerning marine farms see, Sailing Directions, ATL 100 General Information, Atlantic Coast. This notice might affect Electronic Navigational Chart: CA376187	48°26'03.0"N 065°45'08.0"W DFO(6408024-03)

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

Add marine farm
(See Chart No. 1, K48.2) 48°04'50.0"N 066°02'00.0"W
With this notification, action dated 24-JAN-2003 is cancelled.
See reference DFO(6405141) appearing in this edition.

DFO(6408025-01)

This notice might affect Electronic Navigational Chart: CA376187

4498 - Pugwash Harbour - New Edition - 20-JUN-2003 - NAD 1983

01-JAN-2010

LNM/D. 13-NOV-2009

Add depth of 8 feet
(See Chart No. 1, I10)

45°50'51.4"N 063°39'49.6"W

DFO(6304596-01)

Add depth of 12 feet
(See Chart No. 1, I10)

45°51'49.4"N 063°40'37.3"W

DFO(6304596-02)

Delete depth of 9 feet
(See Chart No. 1, I10)

45°50'51.2"N 063°39'48.6"W

DFO(6304596-03)

4587 - Mortier Bay - New Edition - 25-JAN-2008 - NAD 1983

22-JAN-2010

LNM/D. 23-JAN-2009

Add green port hand lighted spar buoy QG, marked PML1
(See Chart No 1 Qg)

47°09'40.2"N 055°06'38.0"W

(N2009031) LL(63.539) DFO(6304573-01)

This notice might affect Electronic Navigational Chart: CA576225

L/C4850 - Cape St. Francis to/à Baccalieu Island and/et Heart's Content - New Chart - 11-MAY-1990 - NAD 1983

01-JAN-2010

LNM/D. 09-OCT-2009

Add red starboard hand lighted spar buoy FIR, marked TSC2
(See Chart No 1 Qf)

48°02'40.8"N 053°06'13.5"W

(N2009028) LL(470.2) DFO(6304569-01)

4909 - Cocagne et/and Shediac - Sheet 1 - New Chart - 17-JUN-1988 - NAD 1983

22-JAN-2010

LNM/D. 13-NOV-2009

Delete depth of 4 metres, 2 decimetres
(See Chart No 1 I10)

46°15'18.9"N 064°31'32.2"W

DFO(6304530-02)

This notice might affect Electronic Navigational Chart: CA476128

Add depth of 2 metres, 8 decimetres
(See Chart No 1 I10)

46°16'38.9"N 064°30'51.5"W

DFO(6304530-06)

This notice might affect Electronic Navigational Chart: CA476128

Add depth of 0 metres, 3 decimetres
(See Chart No 1 I10)

46°15'19.7"N 064°31'33.1"W

DFO(6304530-08)

This notice might affect Electronic Navigational Chart: CA476128

Add depth of 1 metre, 3 decimetres
(See Chart No 1 I10)

46°15'00.4"N 064°31'11.5"W

DFO(6304530-10)

This notice might affect Electronic Navigational Chart: CA476128

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

Add depth of 2 metres, 7 decimetres 46°14'40.3"N 064°31'55.2"W
(See Chart No 1 110)
DFO(6304530-12)

This notice might affect Electronic Navigational Chart: CA476128

Add depth of 1 metre, 6 decimetres 46°14'05.0"N 064°32'46.2"W
(See Chart No 1 110)
DFO(6304530-13)

This notice might affect Electronic Navigational Chart: CA476128

Add depth of 1 metre, 5 decimetres 46°14'03.2"N 064°32'49.3"W
(See Chart No 1 110)
DFO(6304530-14)

This notice might affect Electronic Navigational Chart: CA476128

Add depth of 1 metre, 2 decimetres 46°13'58.6"N 064°32'50.2"W
(See Chart No 1 110)
DFO(6304530-15)

This notice might affect Electronic Navigational Chart: CA476128

4909 - Port de Plaisance Marina, Shediac Bay - Sheet 1 - New Chart - 17-JUN-1988 - NAD 1983

22-JAN-2010

LN/D. 13-NOV-2009

Delete depth of 1 metre, 2 decimetres 46°13'41.6"N 064°32'51.6"W
(See Chart No 1 110)
DFO(6304526-02)

This notice might affect Electronic Navigational Chart: CA576129

Add depth of 1 metre, 4 decimetres 46°13'39.6"N 064°32'49.8"W
(See Chart No 1 110)
DFO(6304526-03)

This notice might affect Electronic Navigational Chart: CA576129

Amend legend 1,5m 1987 to read 1,5m (2008) 46°13'44.3"N 064°32'50.0"W
(See Chart No. 1, 122)
DFO(6304526-04)

This notice might affect Electronic Navigational Chart: CA576129

4954 - Chenal du Havre de la Grande Entrée - New Edition - 21-FEB-2003 - NAD 1983

29-JAN-2010

LN/D. 21-AUG-2009

CANCELS marine farm joining 47°35'00.0"N 061°30'07.0"W
47°34'24.0"N 061°30'49.0"W
47°35'15.0"N 061°31'30.0"W
47°35'59.0"N 061°30'23.0"W
47°35'44.0"N 061°30'06.0"W
47°35'16.0"N 061°30'35.0"W
and 47°35'00.0"N 061°30'07.0"W

While this notification permanently cancels action dated 16-MAY-2003, it is replaced by a new action.
See reference DFO(6408034) appearing in this edition.

DFO(6405150-01)

CANCELS yellow cautionary spar buoy, Priv 47°35'00.0"N 061°30'07.0"W
With this cancellation, action dated 16-MAY-2003 is cancelled.

DFO(6405150-02)

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

CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 16-MAY-2003 is cancelled.	47°34'24.0"N 061°30'49.0"W <i>DFO(6405150-03)</i>
CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 16-MAY-2003 is cancelled.	47°35'15.0"N 061°31'30.0"W <i>DFO(6405150-04)</i>
CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 16-MAY-2003 is cancelled.	47°35'59.0"N 061°30'23.0"W <i>DFO(6405150-05)</i>
CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 16-MAY-2003 is cancelled.	47°35'44.0"N 061°30'06.0"W <i>DFO(6405150-06)</i>
CANCELS	yellow cautionary, spar buoy, Priv With this cancellation, action dated 16-MAY-2003 is cancelled.	47°35'16.0"N 061°30'35.0"W <i>DFO(6405150-07)</i>
CANCELS	marine farm While this notification permanently cancels action dated 18-JUL-2003, it is replaced by a new action. See reference DFO(6408034) appearing in this edition.	joining 47°35'02.5"N 061°31'25.4"W 47°34'20.6"N 061°30'52.3"W 47°34'05.5"N 061°31'26.0"W 47°34'42.7"N 061°32'02.7"W and 47°35'02.5"N 061°31'25.4"W <i>DFO(6406348-01)</i>
CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 18-JUL-2003 is cancelled.	47°34'42.7"N 061°32'02.7"W <i>(L2001-080) DFO(6406349-01)</i>
CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 18-JUL-2003 is cancelled.	47°34'05.5"N 061°31'26.0"W <i>(L2001-079) DFO(6406350-01)</i>
CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 18-JUL-2003 is cancelled.	47°34'21.6"N 061°30'52.3"W <i>(L2001-078) DFO(6406351-01)</i>
CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 18-JUL-2003 is cancelled.	47°35'02.5"N 061°31'25.4"W <i>(L2001-077) DFO(6406353-01)</i>
CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 17-DEC-2004 is cancelled.	47°36'42.8"N 061°30'58.1"W <i>(L2004237) DFO(6406707-01)</i>
CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 17-DEC-2004 is cancelled.	47°36'23.0"N 061°31'46.5"W <i>(L2004238) DFO(6406708-01)</i>
CANCELS	yellow cautionary spar buoy, Priv With this cancellation, action dated 17-DEC-2004 is cancelled.	47°35'58.6"N 061°31'24.7"W <i>(L2004239) DFO(6406709-01)</i>

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

CANCELS yellow cautionary spar buoy, Priv 47°36'19.4"N 061°30'37.1"W
With this cancellation, action dated 17-DEC-2004 is cancelled.
(L2004240) DFO(6406710-01)

CANCELS marine farm joining 47°36'42.8"N 061°30'58.1"W
47°36'19.4"N 061°30'37.1"W
47°35'58.6"N 061°31'24.7"W
47°36'23.0"N 061°31'46.5"W
and 47°36'42.8"N 061°30'58.1"W

While this notification permanently cancels action dated 17-DEC-2004, it is replaced by a new action. See reference DFO(6408034) appearing in this edition.

DFO(6406780-01)

Add note 47°34'19.0"N 061°31'35.0"W
Voir/See note
FERMES D'AQUACULTURES/MARINE FARMS

DFO(6408034-01)

This notice might affect Electronic Navigational Chart: CA579084

Add note 47°32'54.0"N 061°33'08.0"W
FERMES D'AQUACULTURES
Plusieurs fermes d'aquaculture se trouvent dans le Havre de la Grande Entrée. Certaines concessions peuvent ne pas contenir d'installations aquicoles ou ne pas faire l'objet d'activités aquicoles. Pour plus de renseignements sur les fermes d'aquaculture, reportez-vous aux Instructions nautiques, ATL 100, Généralités, Côte Atlantique.

DFO(6408034-02)

This notice might affect Electronic Navigational Chart: CA579084

Add note 47°32'54.0"N 061°32'14.0"W
MARINE FARMS
Numerous marine farms are located in the Havre de la Grande Entrée. Marine farming operations or facilities may or may not be present within individual lease areas. For additional information concerning marine farms see, Sailing Directions, ATL 100 General Information, Atlantic Coast.

DFO(6408034-03)

This notice might affect Electronic Navigational Chart: CA579084

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

***111 CANADIAN COAST GUARD PUBLICATION – AMENDMENT TO THE RADIO AIDS TO MARINE NAVIGATION (ATLANTIC, ST. LAWRENCE, GREAT LAKES, LAKE WINNIPEG AND EASTERN 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.gc.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

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

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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>.

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Page 2-54

**RADAR BEACON (RACONS)
ATLANTIC COAST, GULF AND ST. LAWRENCE RIVER TO MONTRÉAL, EASTERN ARCTIC
(located in Québec)**

NEW - ADD:

POINTE DE L'EST; EAST CARDINAL LIGHT BUOY YY 47° 36' 45.2" N 61° 19' 39.4" W	10	360	-- (G)	Navigation season only.
--	----	-----	-----------	-------------------------

Page 2-57

**RADAR BEACON (RACONS)
GREAT LAKES (includes St. Lawrence River to Montréal)
(located in Ontario unless noted)**

NEW - ADD:

CHAPMAN SHOAL LIGHT 222 (US) 44° 15' 27.17" N 76° 4' 18.45" W			-- (C)	Operated by USA.
GRANITE STATE SHOAL LIGHT 214 (US) 44° 17' 0.69" N 76° 0' 58.39" W			-- (M)	Operated by USA.

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

Page 2-58

RADAR BEACON (RACONS)
GREAT LAKES (includes St. Lawrence River to Montréal)
(located in Ontario unless noted)

DELETE:

(changes indicated in bold)

TORONTO OUTER HARBOUR EAST HEADLAND 43°36'48.7"N 79°20'36.3"W	10	360	-- (M)	Navigation season only
---	----	-----	-----------	------------------------

ADD:

(changes indicated in bold)

TORONTO HARBOUR AQUATIC PARK 43°36'48.7"N 79°20'36.3"W	10	360	-- (M)	Navigation season only
--	----	-----	-----------	------------------------

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

ATL 108 — Gulf of St. Lawrence (Southwest Portion), First Edition, 2006 —

Chapter 2 — Delete paragraph 6.2.1, 6.2.2 and 6.2.3 (Re: Correction promulgated in Monthly Edition No. 5/2007)

- Replace by:
1. any waters located west of 068°W,
 2. any waters located within 10 miles of the Canadian shoreline,

(Q2009-088.1)

ATL 110 — St. Lawrence River — Cap Whittle/Cap Gaspé to Les Escoumins and Anticosti Island, Second Edition, 2002 —

Chapter 1 — Delete paragraph 155

Replace by: ¹⁵⁵ The public **wharf** is located at **Pointe aux Esquimaux**; a fish plant is situated on the wharf. A dolphin is situated ESE of the public wharf. A footbridge links the wharf to the shore. The NW section of the wharf is used mainly by fishing vessels; there is also a launching ramp. The *QIT Fer et Titane* company **wharf**, close west of the public wharf, offers a conveyor, water and power outlets. Dolphins are situated on each side of the public wharf. Some of which are linked to each other by footbridges. The company reports that when lowered, the conveyor has a clearance of 14 m at low water.

(Q2009-076.1)

Chapter 1 — In the vicinity of paragraph 156, delete **Table 1.2 Havre-Saint-Pierre — Wharves**

Replace by:

Table 1.2 Havre-Saint-Pierre — Wharves

Berth	Length	Depth †	Remarks
	metres	metres	
Public wharf			Local port authority
SSW Section	108	5.6	Storage area: 2,950 m ²
NW Section	50 ***	2.2	*** Total berthing length of the NW section of the wharf
Private wharf			QIT Fer et Titane
	244 *	8.7	* Total berthing length.
		10.2 **	** Maximum draft at high tide.
			Ore ship-loading capacity: 3,000 t/h.

† Depths are referred to chart datum.

(Q2009-076.2)

ATL 112 — St. Lawrence River — Cap-Rouge to Montréal and Rivière Richelieu, Third Edition, 2009 —

Chapter 2 — Paragraph 34, last line

Add: A **prohibited berthing area** surrounds these facilities; its limits are charted.

(Q2009-080.1)

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

ATL 112 — St. Lawrence River — Cap-Rouge to Montréal and Rivière Richelieu, Third Edition, 2009 —

Chapter 2 — Paragraph 66, last line

Add: The mouth of Rivière Richelieu and the approaches to Bassin Lanctôt are very busy during the summer; mariners should use caution when sailing in these areas.

(Q2009-056.1)

Chapter 2 — Paragraph 72, line 8

Delete: regular

Replace by: frequent

(Q2009-056.2)

Chapter 2 — Delete paragraph 81

Replace by: 81 Numerous **anchorages** are found along the St. Lawrence main channel, near the mouth of Rivière Richelieu. These anchorages are charted.

(Q2009-056.3)

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	
NEWFOUNDLAND								
63.539	Little Bay Inner light buoy PML1	47 09 40.2 55 06 38	Q G	1s	.....	Green spar, marked "PML1".	Year round. Chart:4624 Edn 01/10(N09-031)
74.6	Lord's Cove light buoy PC2	46 52 25 55 39 59	Fl R	4s	.....	Red, marked "PC2".	Year round. Chart:4625 Edn 01/10
113.08	Harbour Mille Entrance light buoy VM2	47 35 06.5 54 53 05.1	Fl R	4s	.....	Red spar, marked "VM2".	Year round. Chart:4831 Edn 01/10
113.09	Harbour Mille light buoy VM4	47 34 53.5 54 53 06	Fl R	4s	.....	Red spar, marked "VM4".	Year round. Chart:4831 Edn 01/10
130.31	Net Rocks light buoy V23	47 28 41.6 56 03 24.9	Fl G	4s	.....	Green spar, marked "V23".	Year round. Chart:4016 Edn 01/10
173.1	Brandies Rock West Cardinal light buoy QBR	W. of Cape Ray. 47 37 12.2 59 20 11.8	Q(9) W	15s	.....	Yellow, black and yellow, marked "QBR".	Seasonal. Chart:4823 Edn 01/10
173.12	Halibut Rocks West Cardinal light buoy QHR	SE. of Cape Ray. 47 34 59.5 59 15 39.6	VQ(9) W	10s	.....	Yellow, black and yellow, marked "QHR".	Seasonal. Chart:4823 Edn 01/10
279.73	Square Island South Cardinal light buoy NMS	52 46 14.4 55 54 22.2	Q(6) +LFI	W	15s	Yellow and black spar, marked "NMS".	Year round. Chart:5032 Edn 01/10
313.6	Groves Point Entrance light buoy H27	53 21 01.5 60 20 57.1	Fl G	4s	.....	Green spar, marked "H27".	Year round. Chart:4722 Edn 01/10
358.192	Twillingate light buoy DT4 (North Young Point)	49 39 14.9 54 46 08.3	Fl R	4s	.....	Red spar, marked "DT4".	Year round. Chart:4886 Edn 01/10
470.2	Sibley's Cove light buoy TSC2	48 02 40.8 53 06 13.4	Fl R	4s	.....	Red spar, marked "TSC2".	Seasonal. Chart:4850 Edn 01/10(N09-028)
508.21	Saturday Ledge light buoy MB2	47 05 27.4 52 55 02.3	Fl R	4s	.....	Red spar, marked "MB2".	Seasonal. Chart:4845 Edn 01/10
508.22	Harbour Rock light buoy MB4	47 05 28.7 52 56 31.2	Fl R	4s	.....	Red spar, marked "MB4".	Seasonal. Chart:4845 Edn 01/10

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	
NEWFOUNDLAND								
515.4	White Horse Rock light buoy MR2	46 54 58.9 52 55 49.5	Fl R	4s	.....	Red spar, marked "MR2".	Seasonal. Chart:4844 Edn 01/10
515.53	Renews Harbour #1 light buoy MR4	46 55 34.7 52 56 40.1	Fl R	4s	.....	Red spar, marked "MR4".	Seasonal. Chart:4845 Edn 01/10
515.54	Renews Harbour #2 light buoy MR3	46 55 32 52 56 37	Fl G	4s	.....	Green spar, marked "MR3".	Seasonal. Chart:4845 Edn 01/10
515.55	Renews Harbour #3 light buoy MR5	46 55 37 52 56 44.5	Q G	1s	.....	Green spar, marked "MR5".	Seasonal. Chart:4845 Edn 01/10
515.56	Renews Harbour #4 light buoy MR6	46 55 39.3 52 56 46	Fl R	4s	.....	Red spar, marked "MR6".	Seasonal. Chart:4845 Edn 01/10
ATLANTIC								
206	Digby Pier light buoy V6	44 37 34.6 65 45 03.8	Fl R	4s	.....	Red spar, marked "V6".	Year round. Chart:4396 Edn 01/10 (F09-071)
544	Barrie Beach light and bell buoy HP2	NW. of Devils Island. 44 35 11.2 63 28 47.3	Fl R	4s	.....	Red, marked "HP2".	Year round. Chart:4237 Edn 01/10 (F09-072)
629.8 H3516.3	Mouton Harbour	On crib. 45 05 40.8 61 43 28.5	Iso R	1s	4.4	4	Square skeleton tower, red and white triangular daymark, red triangle in center. 3.6	Operates at night only. Year round. Chart:4234 Edn 01/10 (G09-150)
629.9	Mouton Harbour Wharf	45 05 41.8 61 43 35.1	Fl G	4s	4.2	4	Cylindrical mast, green and white daymark, green square in centre. 3.5	Operates at night only. Year round. Chart:4234 Edn 01/10 (G09-152)
631 H3515	Port Bickerton East						Delete from List. Chart:4234 Edn 01/10 (G09-153)	
631.2	Port Bickerton East wharf	On outer end of wharf. 45 06 18.8 61 43 21.9	Iso R	4s	4.3	4	Cylindrical mast. 3.6	Operates at night only. Year round. Chart:4234 Edn 01/10 (G09-154)
879.1	Port Hood	46 01 29.4 61 32 20.5	F G	19.0	Square skeleton tower. 3.5	Operates at night only. Seasonal. Chart:4448 Edn 01/10 (G09-001)

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
ATLANTIC							
1552.5	Baie des Moutons light buoy MB1	50 46 20.2 59 01 52.4	Fl G	4s	.....	Green, marked "MB1".	Privately maintained. Seasonal.
Chart:4474 Edn 01/10 (Q09-094)							
1756 H2098	Trois-Pistoles range	On outer end of wharf. 48 08 05.1 69 11 12.5	F R	.....	8.5	6 Square skeleton tower, orange daymark, black vertical stripe. 6.9	Visible in line of range. Operates at night only. Year round.
1756.1 H2098.1		136°55' 241.9m from front.	F R	.....	17.1	16 Square skeleton tower, orange daymark, black vertical stripe. 15.5	Visible in line of range. Operates at night only. Year round.
Chart:1235 Edn 01/10 (Q09-128-131)							
INLAND WATERS							
111	Pointe Dupuis range	On Île Minguy. 45 07 39.8 74 24 34.1	F Y	.....	9.0	14 White square skeleton tower, orange triangular daymark, black vertical stripe. 8.4	Seasonal.
112		086°30' 400.8m from front.	F Y	.....	20.0	12 White skeleton tower, orange triangular daymark, black vertical stripe. 19.5	Seasonal.
Chart:1432 Edn 01/10(B09-126,127)							
432.5	Millhaven Ferry Dock	Ferry for Amherst Island. 44 11 33.7 76 44 26.9	F R	.....	.....	.....	Privately maintained. Seasonal. (In place Year round.)
Chart:2018 Edn 01/10(B09-123)							
441.1	Youngs Point Ferry Dock	On the breakwater entrance to dock. 44 02 51.4 77 03 03.9	F Y	.....	.....	Cylindrical mast.	Privately maintained. Seasonal. (In place Year round.)
Chart:2006 Edn 01/10(B09-122)							
441.2	Glenora Ferry Dock	On the breakwater entrance to dock. 44 02 30.9 77 03 31.7	Fl Y	3s	.....	Cylindrical mast.	Flash 1 s; eclipse 2 s. Privately maintained. Seasonal. (In place Year round.)
Chart:2006 Edn 01/10(B09-121)							
491.8	Presqu'île Point lighted spar buoy P	E. of point. 43 59 57.2 77 39 47.1	Mo(A) W	6s	.....	Red and white vertical striped spar, marked "P".	Year round. (Seasonally maintained.)
Chart:2021 Edn 01/10(B09-024)							
497.5	Peter Rock South Cardinal lighted spar buoy MN	43 56 05.3 78 13 48.9	Q(6) +LFl	W	15s	.....	Yellow and black spar, marked "MN". Year round. (Seasonally maintained.)
Chart:2058 Edn 01/10(B09-025)							

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
501.2	Oshawa Harbour lighted spar buoy MV4	43 51 44.1 78 49 09	Fl R	4s	.....	Red spar, marked "MV4".	Year round. (Seasonally maintained.) Chart:2050 Edn 01/10(B09-026)
508	Toronto Harbour Outer Approach lighted spar buoy T1	W. side of approach. 43 36 38.5 79 21 00.8	Fl G	4s	.....	Green spar, marked "T1".	Year round. (Seasonally maintained.) Chart:2085 Edn 01/10(B09-027)
509	Toronto Harbour Outer Approach lighted spar buoy T2	E. side of approach. 43 36 39.7 79 20 46.8	Fl R	4s	.....	Red spar, marked "T2".	Year round. (Seasonally maintained.) Chart:2085 Edn 01/10(B09-028)
509.4	Main Harbour Channel lighted spar buoy T4	43 37 28.2 79 20 44.5	Fl R	4s	.....	Red spar, marked "T4".	Year round. (Seasonally maintained.) Chart:2085 Edn 01/10(B09-029)
509.5	Toronto Harbour lighted spar buoy T8	43 37 54.2 79 20 48.8	Fl R	4s	.....	Red spar, marked "T8".	Year round. (Seasonally maintained.) Chart:2085 Edn 01/10(B09-030)
509.6	Outer Harbour lighted spar buoy T7	43 37 51.5 79 20 56.4	Q G	1s	.....	Green spar, marked "T7".	Year round. (Seasonally maintained.) Chart:2085 Edn 01/10(B09-031)
511	Gibraltar Point lighted spar buoy TE18	SW. of point. 43 36 19.2 79 23 30.3	Fl R	4s	.....	Red spar, marked "TE18".	Year round. (Seasonally maintained.) Chart:2085 Edn 01/10(B09-032)
528	Oakville	On S. end of E. pier. 43 26 22 79 39 55.6	Iso R	2s	11.6	5 White cylindrical tower, red upper portion. 7.6	Seasonal. Chart:2077 Edn 01/10(B09-125)
529	Bronte Outer	43 23 34.8 79 42 10.9	Iso R	4s	10.3	5 White cylindrical tower, red upper portion. 6.8	Seasonal. Chart:2086 Edn 01/10(B09-124)
553.6	Cassaday Point lighted spar buoy EA2/2	S. of point. 42 50 24.5 79 14 11.4	Fl R	4s	.....	Red spar, marked "EA2/2".	Year round. (Seasonally maintained.) Chart:2120 Edn 01/10(B09-033)
561	Mohawk Island lighted spar buoy EA4	S. of island. 42 48 49.4 79 31 01.7	Fl R	4s	.....	Red spar, marked "EA4".	Year round. (Seasonally maintained.) Chart:2120 Edn 01/10(B09-034)
565	Tecumseh Reef lighted spar buoy EA6	SW. of reef. 42 47 39 79 43 27.8	Fl R	4s	.....	Red spar, marked "EA6".	Year round. (Seasonally maintained.) Chart:2120 Edn 01/10(B09-035)

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
<u>INLAND WATERS</u>							
566.04	Lighted spar buoy EN2	42 44 23.4 80 05 26	Q R	1s	.....	Red spar, marked "EN2".	Year round. Chart:2110 Edn 01/10(B09-036)
566.05	Lighted spar buoy EN1	42 44 36.3 80 05 45.8	Fl G	4s	.....	Green spar, marked "EN1".	Year round. Chart:2110 Edn 01/10(B09-037)
566.06	Lighted spar buoy EN5	42 45 08.1 80 05 01	Fl G	4s	.....	Green spar, marked "EN5".	Year round. Chart:2110 Edn 01/10(B09-038)
566.07	Lighted spar buoy EN6	42 44 57.2 80 04 45.7	Fl R	4s	.....	Red spar, marked "EN6".	Year round. Chart:2110 Edn 01/10(B09-039)
566.08	Lighted spar buoy EN7	42 45 27.9 80 04 35.1	Q G	1s	.....	Green spar, marked "EN7".	Year round. Chart:2110 Edn 01/10(B09-040)
566.09	Lighted spar buoy EN8	42 45 30.3 80 04 05.2	Fl R	4s	.....	Red spar, marked "EN8".	Year round. Chart:2110 Edn 01/10(B09-041)
566.3	Lighted spar buoy EN9	42 46 12.4 80 03 35	Fl G	4s	.....	Green spar, marked "EN9".	Year round. Chart:2110 Edn 01/10(B09-042)
566.31	Lighted spar buoy EN10	42 46 04.4 80 03 24.9	Fl R	4s	.....	Red spar, marked "EN10".	Year round. Chart:2110 Edn 01/10(B09-043)
566.34	Lighted spar buoy EN11	42 46 44.3 80 02 52.1	Q G	1s	.....	Green spar, marked "EN11".	Year round. Chart:2110 Edn 01/10(B09-044)
566.35	Lighted spar buoy EN12	42 46 38.2 80 02 44.4	Fl R	4s	.....	Red spar, marked "EN12".	Year round. Chart:2110 Edn 01/10(B09-045)
566.36	Lighted spar buoy EN14	42 47 02.3 80 02 16.2	Fl R	4s	.....	Red spar, marked "EN14".	Year round. Chart:2110 Edn 01/10(B09-046)
566.43	Lighted spar buoy EN17	42 47 21.5 80 02 45	Fl G	4s	.....	Green spar, marked "EN17".	Year round. Chart:2110 Edn 01/10(B09-047)
568.5	Nanticoke Shoal lighted spar buoy EA8	SE. end of shoal. 42 43 42.2 80 03 38	Fl R	4s	.....	Red spar, marked "EA8".	Year round. Chart:2110 Edn 01/10(B09-048)
578	Bluff Bar lighted spar buoy EA11	Off Bluff Bar. 42 35 46.1 80 09 31	Fl G	4s	.....	Green spar, marked "EA11".	Year round. (Seasonally maintained.) Chart:2110 Edn 01/10(B09-105)

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
INLAND WATERS							
597.4	Pelee Passage East lighted spar buoy E6	S. of Southeast Shoal. 41 49 12.1 82 28 11.6	Fl R	4s	.....	Red spar, marked "E6".	Year round. Chart:2123 Edn 01/10(B09-049)
600	Point Pelee lighted spar buoy EP2	S. of point. 41 52 09.5 82 30 29.1	Fl R	4s	.....	Red spar, marked "EP2".	Year round. (Seasonally maintained.) Chart:2123 Edn 01/10(B09-050)
601	Pelee Passage Middle Ground lighted spar buoy E9	N. of Middle Ground. 41 51 25 82 34 51.9	Fl G	4s	.....	Green spar, marked "E9".	Year round. Chart:2123 Edn 01/10(B09-051)
608	Grubb Reef lighted spar buoy E8	S. of reef. 41 51 55.2 82 33 38.6	Fl R	4s	.....	Red spar, marked "E8".	Year round. Chart:2123 Edn 01/10(B09-052)
642	Bar Point Pier D33	42 02 24.1 83 08 03.6	LFl G	10s	14.0	9	White cylindrical tower, marked "D33". Flash 2 s; eclipse 8 s. Visible from 191° through W. and N. to 090°. Year round. (Not maintained over winter.) Chart:14853 (U.S.) Edn 01/10(B09-074)
688.1	Detroit - Windsor Truck Ferry Terminals South	S. end of terminals. 42 15 45.2 83 06 20	F R	.....	5.1	.....	Privately maintained. Year round. Chart:14853(U.S.) Edn 01/10(B09-118)
688.2	Detroit - Windsor Truck Ferry Terminals North	N. end of terminals. 42 15 57.4 83 06 14.2	F R	.....	5.1	.....	Privately maintained. Year round. Chart:14853(U.S.) Edn 01/10(B09-119)
723	Pier X35	42 31 31.5 82 39 55.9	Fl G	4s	10.0	4	White cylindrical tower, green upper portion, marked "X35". 6.3 Chart:14853(U.S.) Edn 01/10(B09-116)
817	Otter Islands (Georgian Bay) range	On S. side of South Otter Island. 45 17 09.2 81 41 41.2	F W	.....	10.6	14	Cylindrical mast, white trapezoid daymark, orange vertical stripe. 6.7 Seasonal. (In place Year round.)
818		040°26' 924m from front.	F W Fl W	..... 4s	15.5	14 5	Cylindrical mast, white trapezoid daymark, orange vertical stripe. 6.2 Seasonal. (In place Year round.) Chart:2274 Edn 01/10(D09-043)

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
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INLAND WATERS

819	Flowerpot Island	NE. point of island. 45 18 25.7 81 36 51.5	Fl W	10s	27.7	8	Square tower, white rectangular daymark.	Flash 1 s; eclipse 9 s. Visible from 100° through N. to 285°. Seasonal. (In place Year round.) Chart:2235 Edn 01/10(D09-044)
951.1	Puswawa Island light buoy AE4/2	Pointe au Baril Channel. 45 34 05.5 80 28 06.8	Fl R	4s	.....	.....	Red spar, marked "AE4/2."	Seasonal. (In place Year round.) Chart:2203 Edn 01/10(D09-042)
978	Killarney Northwest	On Partridge Island. 45 59 01.3 81 31 55.6	Fl W	4s	12.3	4	White square tower, red upper portion. 8.9	Seasonal. (In place Year round.) Chart:2205 Edn 01/10(D09-45)
1023	Gore Bay	On Janet Head. 45 56 45 82 28 48.6	Oc W	5s	15.0	6	White square tower, red upper portion. 10.6	Flash 3 s; eclipse 2 s. Seasonal. (In place Year round.) Chart:2257 Edn 01/10(D09-046)
1050	McKay Island	On eastern end of island. 46 16 55.6 83 46 50.6	Iso W	4s	12.7	5	Skeleton tower, red and white slatted daymark. 9.8	Seasonal. (In place Year round.) Chart:2250 Edn 01/10(D09-047)
1079	Pointe aux Pins Main	On outer end of low sand point. 46 27 50.8 84 28 22.3	Iso R	4s	8.2	7	Red and white cylindrical tower.	Year round. Chart:14884(U.S.) Edn 01/10(D09-048)
1114	RosSPORT Point	On point. 48 49 29.9 87 32 51.9	Fl W	4s	8.6	5	Cylindrical mast, red and white rectangular daymark. 6.5	Seasonal. Chart:2312 Edn 01/10(D09-050)
1120	Crichton Island	At SE. end of island. 48 57 07.5 88 06 16.4	Fl W	4s	8.1	5	Cylindrical mast, red and white rectangular daymark. 4.9	Seasonal. Chart:2312 Edn 01/10(D09-049)

**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)