

Pêches et Océans Canada

Publication Number 1735950

NOTICES TO MARINERS

EASTERN EDITION

Published monthly by the



CANADIAN COAST GUARD

CONTENTS

		-
Section 1	Safety and General Information	1 - 10
Section 2	Chart Corrections	11 - 31
Section 3	Radio Aids to Marine Navigation Corrections	32
Section 4	Sailing Directions and Small Craft Guide Corrections	33 - 42
Section 5	Light List Corrections	43 - 46

Marine Programs Directorate Aids to Navigation

Page

Internet: http://www.notmar.com



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 hand 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 under the *Cumulative chart correction list* published 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 significant number of 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.

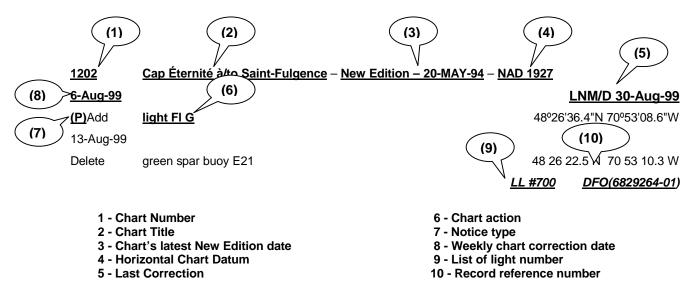
Monthly edition of Notices to Mariners - *Notices to Mariners* are issued free of charge on a monthly basis. Mariners now have a choice between specific *Regional* issue(s) they wish to receive. Requests to be placed on or removed from the mailing list should be made by using the form inserted on page *xiii* of each monthly edition. Notification of changes to the mailing addresses, regional issues and/or number of copies required should also be transmitted by means of this form.

Canadian Nautical Charts & Publications - A source list of *Canadian Nautical Charts & publications* is published in *Notice No. 14* of the current *Annual Edition of Notices to Mariners*. The source supply and the prices effective at the time of printing are listed. This list is periodically updated in the monthly edition of *Notices to Mariners*.

NOTE: Cette publication est aussi disponible en français.

CHART CORRECTIONS - SECTION II

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 II chart correction.



The last correction number is identified with the LNM/D or Last Notice to Mariners Number (\underline{D} ate. 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.

The publication of Notices to Mariners and chart revisions are being delayed by the volume of changes that are taking place.

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 Canadian Coast Guard office.

Newfoundland

Maritimes

Central & Arctic

Fax:

Sarnia MCTS Centre

Phone: (519) 337-6360

Toll Free in Ontario 1-800-265-0237

(519) 337-2498

St. John's MCTS Centre Phone: (709) 772-2083 Fax: (709) 772-6285 Maritimes Regional Operations Centre Toll Free in Maritimes 1-800-565-1633 Phone: (902) 426-6030 Fax: (902) 426-6334 http://www.mar.dfo.mpo.gc.ca/cg/ops/roc.htm Website E-Mail: <u>ROCWeb@mar.dfo-mpo.gc.ca</u>

Laurentian

Laurentian Regional Operations Centre GC\SO\COR Operational Information Officer Phone: (418) 648-5410 Fax: (418) 648-7244 E-Mail: <u>OPSAVIS@dfo-mpo.gc.ca</u>

Pacific

Regional Marine Information Centre (RMIC) Toll free in British Columbia – 1-800-889-8852 Phone: (604) 666-6011 Fax: (604) 666-8453 E-mail: <u>RMIC-Pacific@pac.dfo-mpo.gc.ca</u> Notice to Shipping information http://www.pacific.ccg-gcc.gc.ca/epages/mcts/notship/notosh2.htm

DGPS FULLY OPERATIONAL SERVICE

The Canadian Coast Guard (CCG) announces that the Differential Global Positioning Service (DGPS) Fully Operational Service (FOS) is available for positioning and navigation.

FOS means the service will provide a DGPS broadcast using the type 9 RTCM message for pseudorange corrections at a data transmission rate of 200 baud. Refer to Radio Aids to Marine Navigation (RAMN) for estimated advertised coverage for each differential station.

Users are also advised that differential corrections are based on the NAD 83 datum position of the reference station antenna and positions obtained using DGPS should be referenced to this coordinate system only. DGPS receivers must be set to the WGS 84 datum in order to obtain optimum positioning accuracy.

Table of DGPS Reference Stations in Canada							
	ld. Nos	DGPS			Frequency	Bit/s	
Station Name	of reference	nce Station		Position	[khz]		
	stations	ID	Latitude	Longitude			
Cape Race, NFLD	338,339	940	46 46 N	53 11 W	315	200	
Cape Ray, NFLD	340,341	942	47 38 N	59 14 W	288	200	
Cape Norman, NFLD	342,343	944	51 30 N	55 49 W	310	200	
Rigolet, NFLD	344,345	946	54 15 N	58 30 W	299	200	
Partridge Island, NB	326,327	939	45 14 N	66 03 W	295	200	
Pt. Escuminiac, NB	332,333	936	47 04 N	64 48 W	319	200	
Fox Island, NS	336,337	934	45 20 N	61 05 W	307	200	
Western Head, NS	334,335	935	43 59 N	64 40 W	312	200	
Hartlen Point, NS (Tentative October 2000)	330, 331	937	44 35 N	63 27 W	298	200	
StJean-sur-Richelieu, QC	312,313	929	45 19 N	73 19 W	296	200	
Lauzon, QC	316,317	927	46 49 N	71 10 W	309	200	
Rivière-du-Loup, QC	318,319	926	47 46 N	69 36 W	300	200	
Moisie, QC	320,321	925	50 12 N	66 07 W	313	200	
Trois-Rivières, QC	314, 315	928	46 23 N	72 27 W	321	200	
Wiarton, ON	310,311	918	44 45 N	81 07 W	286	200	
Cardinal, ON	308,309	919	44 47 N	75 25 W	306	200	
Alert Bay, BC	300,301	909	50 35 N	126 55 W	309	200	
Amphitrite Pt., BC	302,303	908	48 55 N	125 33 W	315	200	
Richmond, BC	304,305	907	49 11 N	123 07 W	320	200	
Sandspit, BC	306,307	906	53 14 N	131 49 W	300	200	

DGPS RECEIVER - WARNING

The Canadian Coast Guard's Differential Global Positioning System (DGPS) broadcast contains built in health information designed to alert a DGPS user receiver of an out of tolerance or fault condition. During testing, it was found that some user DGPS receivers did not process the health information properly. Improper processing by a user equipment can result in incorrect positions.

Please contact your DGPS manufacturer or supplier to ensure that your receiver is capable of processing the DGPS Reference Station Health information correctly.

DGPS USER ALERT

The Canadian Coast Guard received reports in March 97 of DGPS receivers apparently ignoring the broadcast alarm which should signal the immediate discontinuation of a particular satellite correction. Reports indicate that some user equipment does not properly recognize this "do-not-use" correction flag and as a result erroneously processes it as a correction. This can result in position errors as large as 15 kilometers while the receiver is in DGPS mode. DGPS users are advised that they should contact the manufacturer of their equipment immediately to determine if they require a receiver upgrade.

DGPS station anomaly report / Rapport d'anomalie des stations DGPS

With the purpose of constantly evaluating the quality of the DGPS service offered, the Canadian Coast Guard is providing the mariner with the following anomaly report. This report will allow us to get well-supported information concerning the anomaly and thus, will facilitate the identification of the origin of the problem. Please fill accordingly each section of this report and forward it by the suggested ways. You will find a legend at the end of this document.

Avec le souci d'évaluer constamment la qualité du service DGPS offert, la Garde côtière met à la disposition du navigateur le présent rapport d'anomalie. Ce rapport servira à bien documenter l'anomalie et, de ce fait, facilitera l'identification ou la recherche de la source du problème. Nous vous prions de bien remplir chaque section de ce rapport et de l'acheminer de la façon suggérée. Vous trouverez une légende à la fin de ce document.

User informations / Renseignements sur l'usager

5	
Vessel name / Nom du navire:D	estination:
Vessel position at the beginning of the anomaly / Position du navire au début de l'anomalie :	
Vessel position at the end of the anomaly / Position du navire à la fin de l'anomalie :	
Anomaly report / Rapport d'anomalie	
Date and time of the anomaly / Date et heure de l'anomalie:	_Duration / Durée:
Number of satellites tracked on GPS receiver / Nombre de satellites reçu par	le récepteur:
DGPS site using / Station DGPS utilisée: Freq.:kHz SS:	dB_SNR:dB
DOP Geometry / Géométrie DOP :	
User receiver operates correctly with other DGPS sites? / Votre équipement DGPS fonctionne-t-il normalement à l'utilisation d'autres sta Comments / Commentaires:	ations DGPS?: Yes/ OuiNo / Non
Phone / Téléphone :	
Weather conditions / Conditions météo	
Winds / Vents : Direction:	_Speed / Vitessse:KTS
Temp. ^o C:	
Sea State / État de la mer :	
Bearing and range to electrical storm /	
Direction et distance de l'orage :	
Time of the storm / Heure de l'orage:	UTC
Essential informations on user equipment to fill / Renseignements remplir:	indispensables sur l'équipement à
User equipment informations / Renseignements sur l'équipement	t
GPS receiver / Récepteur GPS: Make / Fabriquant:	
DGPS beacon receiver / Démodulateur DGPS: Make / Fabriquant :	
Gyro interface with GPS / Gyro intégré avec le GPS? Yes / Oui :	No / Non :
DGPS interfaced with an ECDIS / DGPS intégré dans un SVCEI? Yes / Oui:_	No / Non :
If yes, please fill below / Si oui, S.V.P. compléter ci-dessous:	
ECDIS / SVCEI: Make / Fabriquant:	Model:
Radar image interfaced / Image radar intégrée?: Yes / Oui:	
Gyro interfaced with ECDIS / Gyro intégré avec SVCEI? Yes / Oui:	No / Non:

Permanent installation or in evaluation / Installation permanente ou en évaluation :____

This report can be sent the following ways / Ce rapport peut être acheminé selon les façons suivantes:

- 1) Fax / Par télécopieur : 613-998-8428 attention Aids to Navigation
- 2) Mail / Par la poste: Director, Navigation Systems Branch Department of Fisheries and Oceans 200 Kent Street, Station 5130 Ottawa, ON K1A 0E6

Directeur, Direction des systèmes à la navigation maritimes Ministère des Pêches et Océans 200, rue Kent, Station 5130 Ottawa, ON K1A 0E6

Canadä

Legend/Légende

Position :	Position can be provided by latitude, longitude, bearing and distance, location
	of a buoy, etc.
	La position peut être donnée en latitude, longitude, relèvement et distance,
	emplacement de bouée, etc.
KTS :	Wind speed in knots / Vitesse du vent en noeuds.
N.M. :	Visibility in Nautical Miles / Visibilité en milles nautiques.
	•
Freq. kHz :	Frequency in kilohertz / Fréquence en kilohertz .
SS :	Signal strength in decibel / Force de signal en décibel.
SNR :	Signal to noise ratio in decibel / Rapport signal-bruit en décibel .
DOP (dilution of precision) :	Measure of the geometrical « strength » of the GPS satellite configuration.
· · · /	The DOP is measured on a scale of 1 to 10 / Mesure de la «force»
	géométrique de la configuration satellite. Le DOP est mesuré sur une échelle
	5 I 5
	de 1 à 10
SVCEI / ECDIS :	Electronic Chart Display and Information System / Système de Visualisation
	de Cartes
	Electroniques et d'Information

Electroniques et d'Information .

IMPORTANT NOTICE TO USERS

The Canadian Coast Guard Marine Aids Modernization Program

- The Canadian Coast Guard is initiating an aids to navigation modernization program which takes advantage of modern technology and will result in a more equitable, safe, cost-effective and environmentally friendly service across Canada. Low maintenance buoys, solar power, the elimination of diesel power and the application of national provision and design standards, will be used to realize these objectives.
- In consultation with local users, aids to navigation which are redundant, exceed the national standards or should not be publicly funded, will be downsized, privatized or discontinued.
- Regional plans as well as detailed Notices to Shipping and Notices to Mariners will be issued and distributed in the usual manner in advance of all changes to aids to navigation. All users are encouraged to participate in local consultations and to monitor these Notices. It will be every user's responsibility to adapt to the changes and to take the appropriate measures.

1. Redundant Aids to Navigation

Many conventional aids to navigation were established for commercial mariners who now use radar. As a result these users no longer require as many landfall shore lights, large lighted buoys and fog signals and support their discontinuance.

However, before these commercially redundant marine aids are removed, the Coast Guard is assessing, where required, the local needs of small craft operators and redesigning the old commercial aids to meet these needs within national provision policies and design standards.

Coast Guard policy does not provide for the retention of fog horns for pleasure craft, due to the high cost to provide such a service across Canada. However, where practical and where there is local support, the existing redundant fog horns are being transferred to local authorities at no cost.

The conversion of lightstations to solar power allows major economic and environmental benefits by allowing removal of fuel tanks and diesel generators. Although this eliminates the need for many structures, the Coast Guard will protect all heritage lightstations through continued operation or transfer to provincial, municipal or other authorities for local use.

2. Aids to Navigation Standards

In consultation with local users, all aids to navigation systems across Canada are under review. National system design standards will be used to assess these systems. Systems that do not meet these standards will be upgraded; those systems that exceed them will be downsized.

Adjustments in some channels will result in an increase or a decrease in the number of buoys and/or the conversion of some lighted buoys to unlighted buoys displaying reflective material.

3. Private Aids to Navigation

Although Coast Guard policy does not provide for the establishment of aids to navigation in inadequately charted waters, or where the traffic volume does not justify the cost of the system, some have been established in the past. These aids to navigation will be transferred to local authorities at no cost, with Coast Guard retaining design and regulatory authority under the *Private Buoy Regulations*.

NEW INITIATIVES

The Canadian Coast Guard is also introducing a new differential correction service to augment the satellite-based Global Positioning System (GPS), with 18 transmitting stations fully operational in 1998.

This Differential Global Positioning System (DGPS), will improve the accuracy and integrity of GPS and will enable mariners who are equipped with the appropriate receivers to identify their precise position in most major southern Canadian waters, including the Great Lakes and the St. Lawrence River.

The use of DGPS in conjunction with Electronic Chart Display and Information Systems (ECDIS), will greatly improve navigation accuracy. The expanding use of this new technology is expected to increase marine safety and thus provide greater environmental protection to Canadian waters. It is also believed that implementation of DGPS will allow further adjustment to conventional aids in the future.

All mariners and shipowners are encouraged to equip their vessels with GPS receivers which have the capability to receive the Differential signals, particularly where there is frequent risk of reduced visibility.

The Canadian Coast Guard believes that the availability of GPS, particularly when augmented by the Differential service, will make Loran C obsolete. Consultations are underway to assess the impact of discontinuing Loran C in Canada.

NEWFOUNDLAND REGION

The Canadian Coast Guard is planning to further modernize its marine aids to navigation service. Changes will include adjusting all service levels to national standards between 1997 and the year 2000 and reducing some conventional aids services based on the availability of the Global Positioning System, Differential Global Positioning System (DGPS) and the Electronic Chart Display Information System (ECDIS). The new electronic systems will supplement the remaining conventional aids system, permitting continued maintenance of a safe service at lower cost.

More detailed information concerning each of these proposed changes will be provided in each region or geographic area by Notices to Shipping and Notices to Mariners, allowing users time to comment prior to finalizing planned changes. Further Notices to Shipping and Notices to Mariners will also be issued at the time of all changes.

Mariners and representatives of user groups wishing to provide comments or recommendations on this or any subsequent notice may write to:

Aids to Navigation Superintendent Canadian Coast Guard Department of Fisheries & Oceans P.O. Box 5667 St. John's, NF A1C 5X1

MARITIMES REGION

The Canadian Coast Guard is planning to further modernize its marine aids to navigation service. Changes will include adjusting all service levels to national standards between 1997 and the year 2000 and reducing some conventional aids services based on the availability of the Global Positioning System, Differential Global Positioning System (DGPS) and the Electronic Chart Display Information System (ECDIS). The new electronic systems will supplement the remaining conventional aids system, permitting continued maintenance of a safe service at lower cost.

IMPLEMENTATION OF THE FOLLOWING CHANGES BEGAN WITHIN COAST GUARD MARITIMES REGION ON <u>APRIL 1, 1997.</u>

MEASURES	
 Privatization of aids systems in pleasure craft channels and/or conversion of some lighted by to unlighted buoys and removal of some aids in pleasure craft channels. 	loys
 Privatization of aids systems in inadequately and uncharted waters and where there is a low volume of users. 	,
 Aids to navigation systems in Saint-John and Yarmouth Harbours will be restructured to meen national standards. 	et
4) Decommissioning of some lightstations (major reference lights) and downsizing of others to minor lights.	
5) Discontinuance of some fog horns.	

6) Removal of some coastal fixed and floating aids.

Over the next year, more detailed information concerning each of these proposed changes will be provided in each region or geographic area by Notices to Shipping and Notices to Mariners, allowing users time to comment prior to finalizing planned changes. Further Notices to Shipping and Shipping and

Mariners and representatives of user groups wishing to provide comments or recommendations on this or any subsequent notice may write to:

Aids to Navigation Superintendent Canadian Coast Guard Department of Fisheries & Oceans P.O. Box 1000 Dartmouth, NS B2Y 3Z8 Telephone: (902) 426-3151

LAURENTIAN REGION

The Canadian Coast Guard is planning to further modernize its marine aids to navigation service. During the period between 1997 and year 2000, these changes will include levels of service adjustments to meet the national standards as well as the reduction of some conventional aids services based on the availability of the Global Positioning System, Differential Global Positioning System (DGPS) and the Electronic Chart Display Information System (ECDIS). The new electronic systems will supplement the remaining conventional aids system, permitting continued maintenance of a safe service at lower cost.

The following table shows an update of changes already implemented in 1997/98 and hypothetical service cuts considered until year 2000:

IDENTITY OF MEASURES	97/98	98/99	99/00
1- Introduction of a DGPS service (5 stations)	5	-	-
 2- a) 25% reduction of main commercial channel buoy service (79 lighted buoys removed and 75 changed for unlighted spar buoys). 	79 buoys removed 56 changed for unlit	19 buoys to be changed (unlit)	-
2- b) 5 % reduction of main commercial channel buoy service(29 lighted buoys changed for unlighted spar buoys)	-	29	29
 Removal or privatization of 12 major reference lights in commercial and/or fishing channels 	8 (one will no longer be removed)	3	-
 4- Privatization or removal of 272 aids to navigation (unique users and/or in inadequately charted waters) 	187	85	-
5- 33% reduction (50) of reference lights or fog signals in commercial and/or fishing channels	6 (2 fixed aids +4 fog signals)	25	19
6- Removal of 20 fixed aids or fog signals in pleasure craft channels	5 (including 2 fog signals)	-	15

NOTE: - measures for 1997/98 and 1998/99 will be implemented after adjustment of Levels of service

- measures for 1999/2000 will be implemented after adjustment of *Levels of service* and/or according to availability of DGPS/ECDIS technologies.

In the following month, more details about these changes will be provided by *Notices to Shipping* and *Notices to Mariners*. The Canadian Coast Guard will delay implementation of measures allowing users enough time to comment on planned changes. Further *Notices to Shipping and Notices to Mariners* will be issued when changes are implemented.

Mariners and representatives of users groups wishing to transmit their comments or recommendations on this Notice may do so by writing to:

Aids to Navigation Superintendent Canadian Coast Guard Department of Fisheries & Oceans 101 Champlain Boulevard Quebec, QC G1K 7Y7

CENTRAL & ARCTIC REGION

Marine Aids to Naviation Program consultations are continuing throughout the Central and Arctic Region of the Canadian Coast Guard. Mariners are urged to continue to read and monitor Notices to Shipping and Notices to Mariners for the most recent concerning adjustments to aids to navigation. You may also access the Central and Arctic Website at www.ccg-gcc.gc.ca/cen-arc/main.htm for further information.

Mariners and representatives of user groups seeking clarification, having questions, or wishing to provide comments or recommendations concerning any aids to navigation notice may to contact:

Superintendent Marine Aids Program Canadian Coast Guard Department of Fisheries & Oceans 201 Front Street North, Suite 703 Sarnia, ON N7T 8B1

Telephone (519) 383-1859 or (519) 383-1861 Facsimile (519) 383-1989

MONTHLY EDITION OF NOTICES TO MARINERS

MAILING LIST CHANGES

Superintendent, Information and Publications Navigation Aids Navigation Systems Branch Canadian Coast Guard Department of Fisheries and Oceans Ottawa, ON K1A 0E6

Telephone- (613) 990-3037Facsimile- (613) 998-8428

Please indicate which edition you would like to receive.

EASTERN EDITION (will be comprised of Arctic, Newfoundland, Maritimes, Gulf & River St. Lawrence and Central areas)

WESTERN EDITION (will be comprised of Arctic and Pacific areas)

ADD _____ AMEND _____ REMOVE _____ NO. OF COPIES _____

OLD ADDRESS			
NAME			
STREET	APT		
СІТҮ	POSTAL CODE		
PROVINCE	COUNTRY		
NEW ADDRESS			
NAME			
STREET	APT		
СІТҮ	POSTAL CODE		
PROVINCE	COUNTRY		

ID number above address on label......

or

Attach complete address label to this sheet

INDEX

CANADA - Amendments to Vessel Traffic Services Zones Regulatory Specifications - DFO 5765	2
CANADIAN COAST GUARD PUBLICATIONS - Amendment to the Radio Aids to Marine Navigation (Atlantic and Great Lakes) Publication - 2000	32
CANADIAN HYDROGRAPHIC SERVICE - Charts - Charts - List of hand-corrected charts - Cumulative Chart Edition Dates - Electronic Navigation Charts - List of charts not hand-corrected - Raster Electronic Navigation Charts	. 1 . 7 . 5 . 1
GULF OF SAINT LAWRENCE - GASPÉ PENINSULA - GASPÉ HARBOUR - DELAIRE WHARF - Light to be discontinued	5
MANITOBA - LAKE WINNIPEG - RED RIVER - Maintenance dredging	5
NORTHUMBERLAND STRAIT - Charlottetown Harbour - Mooring	4

Chart No.	Page	Chart No.	Page	Chart No.	Page
1226	11	2314	21	4633	27
1230	11	L/C 4002	21	4634	27
1235	11	L/C 4003	21	4638	28
1310	11-13	L/C 4010	21	4702	28
1311	13	L/C 4011	21	4724	28
1312	13	L/C 4012	22	L/C 4847	28
1313	13	L/C 4015	22	4849	28
1314	13	L/C 4021	22	4905	6
1315	13,14	L/C 4022	22	4921	29
1410	14	4024	22	L/C 4951	29
1509	14,15	L/C 4025	22	4956	29
1512	15	L/C 4045	22	4980	29
1515	15-18	L/C 4098	23	5051	29
2077	18	L/C 4099	23	5620	6
2085	18	4117	23	5641	6
2086	18	4211	23	6023	29
L/C 2201	18	L/C 4227	23	6035	29,30
2202	18	L/C 4230	23	6214	30,31
2203	19	L/C 4321	24	6217	31
2225	19	L/C 4340	24	7527	7
L/C 2243	20	4342	24	L/C 8007	31
L/C 2245	20	4440	24		
2251	20	4459	25		
2284	20	4470	25		
2292	21	4486	25-27		

NUMERICAL INDEX OF CANADIAN CHARTS AFFECTED

CANADIAN HYDROGRAPHIC SERVICE - Charts - List of hand-corrected charts.

Supercedes List of hand-corrected charts published in Edition #12/00.

The following is a list of charts, which are hand-corrected after their date of publication from information published in Notices to Mariners. CHS will no longer provide a list of corrections for these charts. You can now obtain these corrections from the Internet web site NOTMAR, <u>http://www.notmar.com</u>.

1310 1311 1409 1410 1411 1432 1433 1434 1435 1436 1437 1438 1439 L/C 2000 2006	2017 2018 2042 2043 2049 2050 2053 2054 2058 2059 L/C 2060 2061 2064 2067 2069	2077 2085 L/C 2100 L/C 2110 L/C 2120 L/C 2121 L/C 2122 L/C 2123 2165 2181 L/C 2200 L/C 2201 2218 2221 2222	2225 2226 L/C 2228 2235 2241 L/C 2243 L/C 2244 L/C 2245 2250 2251 2257 2258 2259 2268 2273	2282 2283 L/C 2284 2286 2289 2291 2292 2293 2294 2297 2298 2299 L/C 2300 L/C 2301 L/C 2302	2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2318
2006 2007	2069 2070	2222 2223	2273 2274	L/C 2302 2303	

CANADIAN HYDROGRAPHIC SERVICE - List of charts not hand-corrected.

Supersedes previous "List of charts not hand-corrected", last published in Edition #12/00.

The following is a list of charts that are not hand-corrected after their date of publication.

A list of corrections is available for each of these charts upon request, in writing, to Nautical Information, Canadian Hydrographic Service, Department of Fisheries and Oceans, Ottawa, Ontario, K1A 0E6. Please state the latest edition date of the chart.

1350	2048	3062	6050	6215	6267	6356
1351	2055	3080	6100	6216	6268	6357
1361	2086	3311	6101	6217	6269	6358
1509	2140	3312	6105	6218	6270	6359
1512	2204	3313	6106	6240	6271	6360
1551	2205	3488	6109	6241	6272	6368
1553	2261	3489	6110	6242	6273	6369
1554	2266	4145	6111	6243	6274	6370
1555	2267	6023	6112	6247	6285	6371
2011	2400	6026	6201	6248	6286	6390
2021	3052	6028	6205	6249	6287	6454
2023	3053	6030	6209	6258	6310	6455
2024	3055	6035	6211	6259	6311	6505
2025	3056	6036	6212	6260	6341	6506
2026	3057	6037	6213	6263	6354	6730
2029	3058	6038	6214	6264	6355	

The following is a list of charts that are not hand-corrected after their date of publication. CHS will no longer provide a list of corrections for these charts. You can now obtain these corrections from the Internet web site NOTMAR <u>http://www.notmar.com</u>.

1400	2044	6021	6409	6418	6427	6436
1510	2202	6022	6410	6419	6428	6437
1513	2203	6107	6411	6420	6429	6438
1514	2206	6108	6412	6421	6430	6441
1515	2260	6206	6413	6422	6431	6451
1550	3050	6207	6414	6423	6432	6452
1552	3061	6251	6415	6424	6433	6453
2022	4141	6281	6416	6425	6434	C-4
2028	4142	6408	6417	6426	6435	

CANADA - Amendments to Vessel Traffic Services Zones Regulatory Specifications - DFO 5765.

Publication: VTS Regulatory Specifications - DFO 5765

1. Table I - The following item should be amended as indicated:

Item 4, Column 5:	Amend 14 to read 11
Item 4, Column 6:	Amend 156.7 to read 156.55

2. Table II - The following items should be amended as indicated:

Item 7, Column 4:	Amend 47°03'21.1"N, 54°20'17.9"W to read 46°53'20"N, 54°40'56"W
Item 10, Column 4:	Amend 47°05'55"N, 54°17'52"W to read 47°03'21"N, 54°20'18"W
Item 14, Column 4:	Amend A line 101° - 281° True through 47°22'58"N, 54°04'48"W and extended to the shore to read A line 101° - 281° True through 47°23'01"N, 54°05'13"W and extended to the shore.

3. Table II - Add the following Item:

	Column 1	Column 2	Column 3	Column 4
Item	Name of VTS Zone Sector	Name of Calling-in- Point	Number of Calling-in- Point	Description of Calling-In-Point
15	Placentia Bay Sector 2		7	A line running 090° (T) - 270° (T) through position 47°31'55"N, 54°00'32"W and extended to shore

4. Table II

The following items should be amended as indicated:

Item 16, Column 4:	Amend A line 090° - 270° True through 47°37'01"N, 54°02'23"W and extended to the shore to read A line 090° - 270° True through 47°37'01"N, 54°01'53"W and extended to the shore.
Item 17, Column 4:	Amend A line 090° - 270° True through 47°42'35"N, 54°03'33"W and extended to the shore to read A line 090° - 270° True through 47°42'35"N, 54°03'22"W and extended to the shore.

5. Table II - Delete the following:

Item 18, Column 1, Column 3 and Column 4.

6. Table II - The following items should be amended as indicated:

Item 90, Column 3:	Amend 1 to read 1A
Item 90, Column 4:	Amend The meridian of longitude 66°00'00"W to read 50°05'20"N, 66°00'00"W
Item 91 Column 3:	Amend 2 to read 2A
Item 91 Column 4:	Amend A line joining positions 49°19'00"N, 67°22'52"W; & 48°55'18"N, 67°16'18"W to read A line joining positions 49°13'40"N, 67°21'20"W; & 48°55'18"N, 67°16'18"W
Item 92 Column 3:	Amend 3 to read 3A
Item 92 Column 4:	Amend A line joining positions 49°06'04.3"N, 68°11'39.7"W; & 48°42'00"N, 67°52'00"W to read A line joining positions 48°56'00.3"N, 68°03'15.7"W; & 48°42'00"N, 67°52'00"W
Item 93 Column 3:	Amend 4 to read 4A
Item 93 Column 4:	Amend A line joining positions 48°33'55"N, 69°08'32"W; & 48°19'42"N, 68°50'18"W to read A line joining positions 48°30'00"N, 69°03'00"W; & 48°19'42"N, 68°50'18"W
Item 95 Column 3:	Amend 5 to read 5B
Item 95 Column 4:	Amend A line joining positions 48°19'05"N, 69°24'53"W; & 48°08'05"N, 69°11'14"W to read A line joining positions 48°15'00"N, 69°20'00"W; & 48°08'05"N, 69°11'14"W

7. Table II - Add Items 90.1 -93.1:

	Column 1	Column 2	Column 3	Column 4
Item	Name of VTS Zone Sector	Name of Calling in Point	Number of Calling in Point	Description of Calling In Point
90.1	St Lawrence Sector 1	Meridian 66°00'00"W	1B	50°01'20"N, 66°00'00"W
90.2	St Lawrence Sector 1	Meridian 66°00'00"W	1C	49°59'20"N, 66°00'00"W
90.3	St Lawrence Sector 1	Meridian 66°00'00"W	1D	49°52'30"N, 66°00'00"W
90.4	St Lawrence Sector 1	Meridian 66°00'00"W	1E	49°38'40"N, 66°00'00"W
90.5	St Lawrence Sector 1	Meridian 66°00'00"W	1F	49°34'20"N, 66°00'00"W
90.6	St Lawrence Sector 1	Meridian 66°00'00"W	1G	49°26'20"N, 66°00'00"W
90.7	St Lawrence Sector 1	Meridian 66°00'00"W	1H	49°22'00"N, 66°00'00"W
91.1	St Lawrence Sector 1	Pointe des Monts	2B	A line joining positions 49°07'30"N, 67°19'30"W; & 48°55'18"N, 67°16'18"W
92.1	Sectors 1 & 2	Pointe Manicouagan	3B	A line joining positions 49°52'20"N, 68°00'00"; & 48°42'00"N, 67°52'00"W
93.1	St Lawrence Sector 2	Pointe au Boisvert	4B	A line joining positions 48°26'48"N, 68°59'20"W; & 48°19'42"N, 68°50'18"W

NORTHUMBERLAND STRAIT - Charlottetown Harbour - Mooring.

Mariners are advised that the two mooring buoys adjacent to the Charlottetown Marine Terminal East and West sides are for mooring purposes only - not for winching.

It is recommended that all cruise ships over 500 feet (152 metres) length overall that use the berth on the south end of the Marine Terminal utilize the services of a tug no less than 1200 B.H.P. To assist in berthing, and holding the ship to the berth when necessary during strong winds.

MANITOBA – LAKE WINNIPEG – RED RIVER – Maintenance dredging.

Reference: Notice 577(P)/99 cancelled.

The Canadian Coast Guard terminated its maintenance dredging on the Red River and Lake Winnipeg at the end of the 1999 navigation season. Please direct any questions to: Al Beaucage, Canadian Coast Guard, Telephone (519) 383-1868 or Fax (519) 383-1989.

(P) GULF OF SAINT LAWRENCE – GASPÉ PENINSULA – GASPÉ HARBOUR – DELAIRE WHARF – Light to be discontinued.

The Canadian Coast Guard intends to permanently discontinue Delaire wharf light (L.L. 1418) as of July 1st, 2001.

Comments on this action are solicited from mariners and other interested parties and should be directed to the Superintendent, Marine Aids, Canadian Coast Guard, 101 boul. Champlain, Québec (Quebec) G1K 7Y7, Telephone (418) 648-3574, Fax (418) 649-6690, within three months from the date of publication of this notice. Any objections raised must state the facts on wich they are based and should include supporting information on safety, commerce and public benefit.

CANADIAN HYDROGRAPHIC SERVICE – Electronic Navigation Charts.

Notes:	(1)	The following ENC products are only available from:
		Nautical Data International Inc.
		P.O. Box 127, Station C
		St. John's, Newfoundland
		A1C 5H5
		Telephone: 1-800-563-0634 or 1 (709) 576-0634
		Facsimile: (709) 576-0636
	(2)	For licence information and rates please contact the distributor,

Nautical Data International Inc. (NDI) at the above-mentioned address.

RELEASED PRODUCTS

S-57 ENC NUMBER	CHART TITLE
CA470358	Hakai Passage to Fitz Hugh Sound – (Part 2 of 2)
CA673268	Harbours in Lake Erie – Erieau
CA576072	Lumley Cove
CA476112	St Marys River
CA576226	Fishery Products International Wharves / Quais
CA570102	Pedder Bay
CA470354	Esperanza Inlet (western portion part 1 of 2)
CA576040	Lockeport Harbour
CA376061	Country Harbour to/à Ship Harbour
CA576107	Trepassey Harbour
CA479020	Quebec à/to Donnacona
CA579036	Escoumins
CA579077	Saint-Fulgence à/to Rivière Shipshaw
CA479148	Baie Ellis

CANADIAN HYDROGRAPHIC SERVICE – Raster Electronic Navigation Charts.

Notes:	(1)	The following ENC products are only available from: Nautical Data International Inc. P.O. Box 127, Station C St. John's, Newfoundland
		A1C 5H5
		Telephone: 1-800-563-0634 or 1 (709) 576-0634
		Facsimile: (709) 576-0636
	(2)	For licence information and rates please contact the distributor,

(2) For licence information and rates please contact the distributor, Nautical Data International Inc. (NDI) at the above-mentioned address.

CHARTS	MAIN TITLE	PUBLISHED	PRICE
New Chart	t		
5049R/M	Davis Inlet to/aux Seniartlit Islands	25-Jun-99	See Note 2
New Edition	ons		
4842R/M	Cape Pine to/au Cape St Mary's	27-Oct-00	See Note 2
6021R/M	Lake Muskoka	24-Sep-99	See Note 2
6022R/M	Lake Rosseau and/et Lake Joseph	24-Sep-99	See Note 2

CANADIAN HYDROGRAPHIC SERVICE – Charts.

CHARTS		MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
New Chart						
	HUDSON BAY/BAIE	D'HUDSON				
5641	Arviat and Approaches Limits: 61° 24' 00' N, 61° 24' 00" N, 61° 00' 00" N, 61° 00' 00" N,	94° 25' 00" W 93° 10' 00" W	1:60:000	01-Dec-00	4	\$20.00
	61º 05' 30" N,	94° 05' 00" W 94° 56' 00" W 93° 56' 00" W 94° 05' 00" W	1:25:000			
	Note: This chart cance	ls the inset, Eskimo Point on chart 53	368.			
New Edition						
	NORTHUMBERLAND	STRAIT/ DÉTROIT DE NORTHUMB	ERLAND			
4905	Cape Tormentine à/to V	Vest Point	1:100:000	29-Dec-00	1	\$20.00
	HUDSON BAY/BAIE D	<u>'HUDSON</u>				
5620	Entrance to/Entrée à Cl Ellis Island)	nesterfield Inlet (Fairway Island to/à	1:40:000	29-Dec-00	4	\$20.00

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
New Edit	ions (cont'd)				
	<u>NUNAVUT – DEVON ISLAND</u>				
7527	Erebus and/et Radstock	1:50:000	29-Dec-00	4	\$20.00
Chart Cat	talogue				
CAT 1	Atlantic Coast/Côte Atlantique				

CAT 2 Pacific Coast/Côte Pacifique

CANADIAN HYDROGRAPHIC SERVICE – Cumulative Chart Edition Dates.

The accompanying correction list is a cumulative listing of charts affected by Notices to Mariners from 27-NOV-2000 to 30-MAR-2001.

Chart No.	Notices to Mariners Edition Date
1220	01-DEC-2000
1221	15-DEC-2000, 01-DEC-2000
1226	30-MAR-2001
1230	30-MAR-2001
1233	01-DEC-2000
L/C1234	(P)09-FEB-2001, 01-DEC-2000
1235	02-MAR-2001
L/C1236	09-FEB-2001
1310	30-MAR-2001, 09-MAR-2001, 02-MAR-2001, 15-DEC-2000
1311	23-MAR-2001, 01-DEC-2000
1312	16-MAR-2001, 01-DEC-2000
1313	16-MAR-2001, 01-DEC-2000
1314	23-MAR-2001, 16-MAR-2001, (29-SEP-2000 New Edition Advertised)
1315	23-MAR-2001
1316	09-FEB-2001
1317	(P)16-FEB-2001, 01-DEC-2000
1351	01-DEC-2000
1361	16-FEB-2001, 01-DEC-2000
1410	16-MAR-2001, 09-FEB-2001
1438	29-DEC-2000
1439	29-DEC-2000
1509	30-MAR-2001, 05-JAN-2001, (P)05-JAN-2001, (T)05-JAN-2001
1510	09-FEB-2001
1512	09-MAR-2001
1514	01-DEC-2000
1515	09-MAR-2001, (P)09-MAR-2001, (P)01-DEC-2000
2043	19-JAN-2001
2049	16-FEB-2001
2058	02-FEB-2001
2064	29-DEC-2000
2077	23-MAR-2001, 16-FEB-2001, 29-DEC-2000
2085	23-MAR-2001
2086	23-MAR-2001, 29-DEC-2000
L/C2200	05-JAN-2001
L/C2201	09-MAR-2001, 09-FEB-2001
2202	23-MAR-2001, 09-MAR-2001
2203	23-MAR-2001, 09-MAR-2001, (T)09-MAR-2001
2225	09-MAR-2001, (T)09-MAR-2001
2241	15-DEC-2000

Chart No.	Notices to Mariners Edition Date
L/C2243	09-MAR-2001, (T)09-MAR-2001
L/C2245	09-MAR-2001
2251	23-MAR-2001, 02-FEB-2001
2284	(T)09-MAR-2001
2292	09-MAR-2001
2297	02-FEB-2001
2314	09-MAR-2001
L/C3000	(P)23-MAR-2001, 09-MAR-2001, (T)23-FEB-2001
L/C3001	(T)23-FEB-2001
L/C3002	09-MAR-2001, 23-FEB-2001
3053	(P)19-JAN-2001
3055	02-FEB-2001
3056	02-FEB-2001
3062	09-MAR-2001
3311	02-MAR-2001, 02-FEB-2001
3312	02-MAR-2001, 02-FEB-2001, 29-DEC-2000, (P)29-DEC-2000
3313	19-JAN-2001, (T)29-DEC-2000, 15-DEC-2000, 01-DEC-2000
3419	(T)23-FEB-2001, 01-DEC-2000, (P)01-DEC-2000
3441	(T)29-DEC-2000, 15-DEC-2000
3442	19-JAN-2001, 01-DEC-2000
3459	08-DEC-2000
L/C3462	19-JAN-2001, 15-DEC-2000
L/C3463	19-JAN-2001
3473	19-JAN-2001
3475	01-DEC-2000
3490	(T)02-FEB-2001
3495	02-FEB-2001
L/C3512	02-MAR-2001, 08-DEC-2000
3535	02-MAR-2001
3540	(P)29-DEC-2000
3545	23-FEB-2001 (T)22 FEB 2001 10 JAN 2001
L/C3602 L/C3603	(T)23-FEB-2001, 19-JAN-2001 (P)23-MAR-2001, 09-MAR-2001
L/C3604	(P)23-MAR-2001, 09-MAR-2001 (P)23-MAR-2001, 09-MAR-2001, (T)23-FEB-2001
L/C3604	08-DEC-2000
3623	(T)23-FEB-2001
3668	01-DEC-2000
3670	19-JAN-2001
3674	26-JAN-2001
3676	15-DEC-2000
3680	(T)23-FEB-2001
3726	09-MAR-2001
3728	(P)23-MAR-2001
3734	12-JAN-2001
L/C3744	23-FEB-2001
3787	(P)23-MAR-2001
3802	09-MAR-2001
L/C3853	09-MAR-2001
3934	19-JAN-2001
3956	22-DEC-2000
3957	22-DEC-2000
3958	(T)23-FEB-2001
3964	(T)23-FEB-2001
L/C4002	23-MAR-2001, 09-MAR-2001, 15-DEC-2000
L/C4003	30-MAR-2001, 02-FEB-2001, 19-JAN-2001, 08-DEC-2000
L/C4010	(T)30-MAR-2001
L/C4011	(T)30-MAR-2001, 02-FEB-2001, 19-JAN-2001
L/C4012	(T)30-MAR-2001, 02-FEB-2001
L/C4013	08-DEC-2000
L/C4015	09-MAR-2001, 16-FEB-2001 16-FEB-2001
L/C4016	10"FLD"2001

Chart No.	Notices to Mariners Edition Date
L/C4017	16-FEB-2001
L/C4021	09-MAR-2001
L/C4022	23-MAR-2001
4024	23-MAR-2001, 09-MAR-2001, 15-DEC-2000
L/C4025	09-MAR-2001
L/C4026	15-DEC-2000
L/C4045	02-MAR-2001, 08-DEC-2000
L/C4098	23-MAR-2001
L/C4099	23-MAR-2001
4114	(T)01-DEC-2000
4115	12-JAN-2001
4117	09-MAR-2001, (T)12-JAN-2001
4124	12-JAN-2001
4203	01-DEC-2000, (T)01-DEC-2000
4209	23-FEB-2001
4211	(T)30-MAR-2001, 02-FEB-2001
L/C4227	30-MAR-2001, 01-DEC-2000
L/C4230	09-MAR-2001, 02-FEB-2001
L/C4240	02-FEB-2001
L/C4241	23-FEB-2001
4244	02-FEB-2001
4278	23-FEB-2001
4306	05-JAN-2001
L/C4321	23-MAR-2001, 08-DEC-2000
L/C4340	09-MAR-2001
4342	09-MAR-2001
4379	02-FEB-2001
4430	15-DEC-2000, (P)15-DEC-2000
4440	09-MAR-2001
4459	(T)16-MAR-2001
4470	09-MAR-2001
4474	(P)05-JAN-2001
L/C4485	08-DEC-2000
4486	30-MAR-2001, (T)30-MAR-2001
4491	05-JAN-2001
4497	22-DEC-2000, 15-DEC-2000
4617	05-JAN-2001
L/C4622	16-FEB-2001, 02-FEB-2001
4633	09-MAR-2001
4634	16-MAR-2001, 16-FEB-2001
4638	16-MAR-2001, 16-FEB-2001
4644	08-DEC-2000
4702	02-MAR-2001
4724	09-MAR-2001, 02-FEB-2001
L/C4817	16-FEB-2001, 02-FEB-2001
L/C4844	16-FEB-2001
L/C4845	16-FEB-2001, 19-JAN-2001, 08-DEC-2000
L/C4847	(T)30-MAR-2001
4849	(T)30-MAR-2001
4854	12-JAN-2001
4855	12-JAN-2001
4858	26-JAN-2001, 19-JAN-2001
4905	(29-DEC-2000 New Edition Advertised)
4911	12-JAN-2001, 05-JAN-2001, 22-DEC-2000
L/C4913	19-JAN-2001
4921	09-MAR-2001
L/C4951	23-MAR-2001, 09-FEB-2001
L/C4952	09-FEB-2001
4954	09-FEB-2001
4956	23-MAR-2001
4980	09-MAR-2001

Chart No.	Notices to Mariners Edition Date
5031	23-FEB-2001
5051	09-MAR-2001
5620	(29-DEC-2000 New Edition Advertised)
5641	(01-DEC-2000 New Chart Advertised)
5800	02-MAR-2001
5860	02-MAR-2001
6023	09-MAR-2001
6035	16-MAR-2001
6100	(P)05-JAN-2001
6213	23-FEB-2001, 15-DEC-2000
6214	09-MAR-2001
6216	29-DEC-2000
6217	02-MAR-2001
6369	23-MAR-2001
6441	02-FEB-2001
7010	02-MAR-2001
L/C7011	02-MAR-2001
7527	(29-DEC-2000 New Edition Advertised)
7575	05-JAN-2001
7600	02-FEB-2001
7620	02-FEB-2001
7661	23-MAR-2001
7662	02-FEB-2001
7663	23-MAR-2001
L/C8007	16-MAR-2001
L/C8014	16-FEB-2001
C-4	15-DEC-2000

	Comeau – New Edition – 19-NOV-1999 – NAD 1983	
30-MAR-2001 Amend	(Priv) FI R 3.5s 34m to read (Priv) Iso R 3s against light	LNM/D. 28-JUL-2000 49°14'51.3"N 068°08'17.2"W (L2001-019) LL(1714) DFO(6406253-01)
-	oublic/Public Wharf – New Edition – 19-NOV-1999 – NAD 1983	
30-MAR-2001 Replace	depth of 6 metres 2 decimetres with depth of 5 metres 1 decimetre	LNM/D. 28-JUL-2000 49°13'58.2"N 068°07'59.4"W
		DFO(6406260-01)
Add	depth of 3 metres 1 decimetre	49°14'04.0"N 068°07'55.5"W DFO(6406260-02)
	Wharves Cargill-Reynolds – New Edition – 19-NOV-1999 – NAD 1983	
30-MAR-2001 Amend	(Priv) FI R 3.5s 34m to read (Priv) Iso R 3s against light	LNM/D. 28-JUL-2000 49°14'51.3"N 068°08'17.2"W (L2001-019) LL(1714) DFO(6406253-01)
1230 – Cap-C	hat – New Edition – 29-FEB-1980 – Nad 1927	
30-MAR-2001 Affix	patch	LNM/D. 27-OCT-2000 49°06'36.0"N 066°40'02.0"W DFO(6406191-01)
1235 – Pointe 02-MAR-2001	au Boisvert à/to Cap de la Tete au Chien – New Edition – 31-MAR-20	00 – NAD 1983 LNM/D. 10-NOV-2000
٨ ماما	On certain copies	
Add	legend FI R against lighted starboard spar buoy KJ-4, Priv	48°13'37.7"N 069°33'20.3"W DFO(6500405-01)
	n B-C – New Edition – 24-MAR-2000 – NAD 1983	
02-MAR-2001 Delete	dredged area with depth of 10.4 metres	LNM/D. 15-DEC-2000 joining 45°32'59.3"N 073°31'35.6"W
		45°32'59.1"N 073°31'35.2"W
		and 45°32'49.7"N 073°31'43.0"W DFO(6406190-01)
Add	dredged area with depth of 10.4 metres	joining 45°32'52.4"N 073°31'41.3"W 45°32'52.3"N 073°31'40.9"W
		and 45°32'50.3"N 073°31'40.1"W
		DFO(6406190-02)
09-MAR-2001 Delete	dredged area limit	LNM/D. 02-MAR-2001 joining 45°30'07.1"N 073°33'05.9"W
Delete		45°30'06.8"N 073°33'09.5"W
		and 45°30'01.3"N 073°32'57.2"W DFO(6406192-01)
Add	dredged area limit	joining 45°30'07.4"N 073°33'06.4"W
		45°30'07.1"N 073°33'05.9"W and 45°30'01.3"N 073°32'57.1"W
		DFO(6406192-02)
30-MAR-2001		LNM/D. 09-MAR-2001
Delete	daybeacon	45°34'43.5"N 073°29'24.5"W (L2000248) DFO(6406187-01)

Amend	2 F G 14m to read F G 14m F14m against the light	45°35'50.6"N 073°30'37.9"W (L2001-080) LL(2359) DFO(6406242-01)
Add	daybeacon BnOr	45°37'58.1"N 073°28'08.6"W DFO(6406242-02)
Amend	QY to read FI Y against the buoy	45°36'47.5"N 073°27'33.2"W DFO(6406242-18)
Amend	QY to read FI Y against the buoy	45°36'38.1"N 073°27'32.1"W DFO(6406242-19)
Amend	FR to read FG (Priv) against the light	45°34'45.1"N 073°28'46.4"W DFO(6406242-20)
Amend	FG to read FR (Priv) against the light	45°34'46.5"N 073°28'49.0"W DFO(6406242-21)
Amend	F R to read F R (Priv) against light	45°34'45.7"N 073°28'49.3"W DFO(6406242-22)
Amend	F G to read F G (Priv) against light	45°34'45.9"N 073°28'46.1"W DFO(6406242-23)
1310 – Secti	on A-B – New Edition – 24-MAR-2000 – NAD 1983	
30-MAR-200 ⁻ Add	1 daybeacon BnOr	LNM/D. 09-MAR-2001 45°37'58.1"N 073°28'08.6"W DFO(6406242-02)
Reposition	green, port hand can buoy, marked MV21	from 45°42'44.4"N 073°27'57.6"W to 45°42'43.5"N 073°27'59.5"W DFO(6406242-04)
Amend	QG to read FI G against the buoy	45°41'22.1"N 073°26'52.5"W DF0(6406242-05)
Amend	legend Varennes A to read VAR A against the buoy	45°42'32.0"N 073°26'04.6"W DFO(6406242-06)
Amend	legend Varennes B to read VAR B against the buoy	45°42'23.7"N 073°26'11.9"W DFO(6406242-07)
Reposition	red, starboard hand spar buoy, marked MU2	from 45°42'46.8"N 073°27'10.2"W to 45°42'46.9"N 073°27'08.7"W DFO(6406242-08)
Reposition	green, port hand spar buoy, marked MU5	from 45°42'33.6"N 073°27'40.2"W to 45°42'34.0"N 073°27'41.0"W DFO(6406242-09)
Amend	QY to read FI Y against the buoy	45°36'47.5"N 073°27'33.2"W DFO(6406242-18)

1310 – Qua	ai Alexandra – New Edition – 24-MAR-2000 – NAD 1983	
09-MAR-20	001	LNM/D. 02-MAR-2001
Delete	dredged area limit	joining 45°30'07.1"N 073°33'05.9"W
		45°30'06.8"N 073°33'09.5"W
		and 45°30'01.3"N 073°32'57.2"W
		DFO(6406192-01)
Add	dredged area limit	joining 45°30'07.4"N 073°33'06.4"W
		45°30'07.1"N 073°33'05.9"W
		and 45°30'01.3"N 073°32'57.1"W
		DF0(6406192-02)
Amend	9,7 m to read 9,4 m	45°30'02.6"N 073°33'04.3"W
Amenu	3,7 m to read 3,4 m	DFO(6406192-03)
1311 – Sor	el a/to Varennes – New Chart – 05-NOV-1999 – NAD 1983	
23-MAR-20	001	LNM/D. 01-DEC-2000
Delete	beacon BnOr	45°42'55.0"N 073°25'55.0"W
		(L2000251) DFO(6406193-01)
Amend	F G 21m to read F R 22m against light	45°55'12.9"N 073°12'31.1"W
, inona		(L2001006) LL(2286) DFO(6406236-01)
1212 1.00	Saint-Pierre – New Edition – 02-APR-1999 – NAD 1983	
16-MAR-20		
Amend	Yamachiche B to read YAM B against the buoy	46°12'29.0"N 072°48'53.5"W
		(L2001-033) DFO(6406241-07)
1983	iscan au/to Lac Saint-Pierre – New Edition – 28-JUL-2000 – NAD	
16-MAR-20		LNM/D. 01-DEC-2000
Amend	Batiscan A to read BAT A against the buoy	46°30'30.8"N 072°14'00.1"W
		(L2001-033) DFO(6406241-04)
Amend	Batiscan B to read BAT B against the buoy	46°29'46.7"N 072°14'20.5"W
	<u> </u>	(L2001-033) DFO(6406241-05)
1314 – Dor	nnacona à/to Batiscan – New Edition – 29-SEP-2000 – NAD 1983	
16-MAR-20	001	
Amend	(Batiscan A) to read BAT A against the buoy	46°30'30.8"N 072°14'00.1"W
		(L2001-033) DFO(6406241-04)
Amend	(Batiscan B) to read BAT B against the buoy	46°29'46.7"N 072°14'20.5"W
,		(L2001-033) DFO(6406241-05)
Amend	(Grondines A) to read GRO A against the buoy	46°35'14.7"N 072°00'14.4"W
Amenu	(Gronullies A) to read GRO A against the budy	(L2001-033) DFO(6406241-06)
		(
23-MAR-20	001	LNM/D. 16-MAR-2001
Add	radar reflector against the beacon BnOr	46°37'52.0"N 071°45'04.9"W
		(L2000018) DFO(6405966-01)
1017 -		
	ébec à/to Donnacona – New Edition – 19-MAY-2000 – NAD 1983	
23-MAR-20		
Add	radar reflector against the beacon BnOr	46°37'52.0"N 071°45'04.9"W
		(L2000018) DFO(6405966-01)

Add	depth of 7 metres 9 decimetres	46°42'43.5"N 071°23'27.2"W DFO(6406250-01)
Replace	depth of 14 metres 3 decimetres with depth of 13 metres 7 decimetres	46°43'05.6"N 071°23'19.9"W
		DF0(6406250-02)
Replace	depth of 12 metres 5 decimetres with depth of 11 metres 1 decimetre	46°42'56.6"N 071°22'58.5"W
		DFO(6406250-03)
Replace	depth of 16 metres 2 decimetres with depth of 15 metres 2 decimetres	46°43'04.4"N 071°21'58.8"W
		DFO(6406250-04)
Replace	depth of 17 metres 1 decimetre with depth of 15 metres 9 decimetres	46°43'30.7"N 071°21'33.6"W
		DFO(6406250-05)
1410 – Lac S	aint-Louis – New Edition – 25-JUN-1999 – NAD 1983	
16-MAR-2001		LNM/D. 09-FEB-2001
Amend	Beauharnois A to read BEA A against the buoy	45°20'22.6"N 073°54'19.3"W (L2001-033) LL(31) DFO(6406241-01)
Amend	Beauharnois B to read BEA B against the buoy	45°19'58.9"N 073°54'55.4"W
		(L2001-033) LL(32) DFO(6406241-02)
Amend	Beauharnois C to read BEA C against the buoy	45°19'44.3"N 073°53'19.3"W
		(L2001-033) DFO(6406241-03)
1509 – E à F	– Sheet 2 – New Chart – 18-MAY-1990 – NAD 1983	
30-MAR-2001		LNM/D. 05-JAN-2001
Delete	green, port hand barrel buoy, marked MU9	45°42'20.8"N 073°28'35.9"W DFO(6406242-10)
Add	green, port hand spar buoy, marked MU9	45°42'21.0"N 073°28'36.6"W DFO(6406242-11)
		Di 0(0+002+2 +1)
Delete	green, port hand barrel buoy, marked MU11	45°42'22.1"N 073°28'39.2"W
		DFO(6406242-12)
Add	green, port hand spar buoy, marked MU11	45°42'18.0"N 073°28'46.8"W
		DFO(6406242-13)
Delete	red, starboard hand barrel buoy, marked MU12	45°42'26.0"N 073°28'42.2"W
		DFO(6406242-14)
Add	red, starboard hand conical buoy, marked MU12	45°42'09.6"N 073°29'16.2"W
		DF0(6406242-15)
Delete	green, port hand barrel buoy, marked MU13	45°42'18.5"N 073°28'48.6"W
		DFO(6406242-16)
Add	green, port hand can buoy, marked MU13	45°42'07.8"N 073°29'14.7"W
		DFO(6406242-17)

1509 – Île Hay 30-MAR-2001	nes – Sheet 2 – New Chart – 18-MAY-1990 – NAD 1983	LNM/D. 05-JAN-2001
Add	red, starboard hand conical buoy, marked MU12	45°42'09.6"N 073°29'16.2"W DFO(6406242-15)
Add	green, port hand can buoy, marked MU13	45°42'07.8"N 073°29'14.7"W DFO(6406242-17)
	a to/à Long Island – New Edition – 03-AUG-1984 – Nad 1927	
09-MAR-2001 Add	legend "Chart/Carte 1515"	LNM/D. 13-OCT-2000 45°27'24.0"N 075°42'50.0"W DFO(6601407-01)
1515 – Becke	tts Creek à/to Ottawa – Sheet 2 – New Chart – 24-JUL-1998 – NAD 1983	
09-MAR-2001		LNM/D. (1100-1999)
CANCELS	4 metres 9 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'13.0"N 075°41'35.4"W
		DFO(6405903-01)
CANCELS	3 metres 4 decimetres by 2 metres 5 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'08.2"N 075°41'41.8"W
		DFO(6405903-02)
CANCELS	2 metres 1 decimetre by 1 metre 6 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in	45°27'10.6"N 075°41'39.8"W
	this publication.	DFO(6405903-03)
CANCELS	2 metres 7 decimetres by 1 metre 9 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'13.3"N 075°41'46.0"W
		DFO(6405903-04)
CANCELS	5 metres 5 decimetres by 4 metres 6 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'14.5"N 075°41'43.8"W
		DFO(6405903-05)
CANCELS	4 metres by 3 metres 5 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'17.8"N 075°41'35.8"W
		DFO(6405903-06)
CANCELS	6 metres 7 decimetres by 5 metres 5 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in	45°27'18.0"N 075°41'47.0"W
	this publication.	DFO(6405903-07)

CANCELS	4 metres 3 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'12.0"N 075°41'35.7"W
		DFO(6405903-08)
CANCELS	2 metres 9 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'17.5"N 075°41'52.9"W
		DFO(6405903-09)
CANCELS	0 metre 3 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'20.5"N 075°42'01.9"W
		DFO(6405903-11)
CANCELS	drying height of 0 metre 4 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'22.2"N 075°43'10.7"W
		DFO(6405903-17)
CANCELS	1 metre 2 decimetres by 0 metre 3 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in	45°27'11.1"N 075°43'17.4"W
	this publication.	DFO(6405903-18)
CANCELS	3 metres 4 decimetres by 2 metres 7 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in	45°27'08.3"N 075°43'13.4"W
	this publication.	DFO(6405903-20)
CANCELS	3 metres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in	45°27'04.4"N 075°43'13.5"W
	this publication.	DFO(6405903-22)
CANCELS	0 metre 6 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°26'58.4"N 075°43'12.6"W
		DFO(6405903-24)
CANCELS	1 metre With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'05.5"N 075°43'14.3"W
	•	DFO(6405903-28)

CANCELS	3 metres 4 decimetres with 1 metre 8 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'14.8"N 075°41'49.0"W
		DFO(6405903-29)
Affix	patch	45°28'00.0"N 075°43'00.0"W DFO(6500408-01)
	nuation B, Lac Leamy Lake – Sheet 2 – New Chart – 24-JUL-1998 – NAD 1983	
09-MAR-2001 CANCELS	drying height of 0 metre 4 decimetres	LNM/D. (1100-1999) 45°27'22.2"N 075°43'10.7"W
CANCELS	With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45 27 22.2 11 075 45 10.7 W
		DFO(6405903-17)
CANCELS	1 metre 2 decimetres by 0 metre 3 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'11.1"N 075°43'17.4"W
		DFO(6405903-18)
CANCELS	1 metre 2 decimetres by 0 metre 3 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned	45°27'10.3"N 075°43'25.7"W
	change is now available. Refer to the chart action to that effect in this publication.	DFO(6405903-19)
		, <i>, , , , , , , , , , , , , , , , , , </i>
CANCELS	3 metres 4 decimetres by 2 metres 7 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'08.3"N 075°43'13.4"W
		DFO(6405903-20)
CANCELS	5 metres 5 decimetres by 0 metres 8 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in	45°27'00.6"N 075°43'35.2"W
	this publication.	DFO(6405903-21)
CANCELS	3 metres	45°27'04.7"N 075°43'14.0"W
CANCELS	With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	
		DFO(6405903-22)
CANCELS	0 metre 8 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°26'56.7"N 075°43'24.7"W
		DFO(6405903-23)

CANCELS	0 metre 6 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°26'58.4"N 075°43'12.6"W		
		DFO(6405903-24)		
CANCELS	0 metre 2 decimetres With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°26'54.3"N 075°43'22.7"W		
		DFO(6405903-25)		
CANCELS	1 metre With this cancellation, the preliminary action dated 01-DEC-2000 is now cancelled. The chart patch incorporating the above-mentioned change is now available. Refer to the chart action to that effect in this publication.	45°27'05.5"N 075°43'14.3"W		
		DFO(6405903-28)		
2077 – Lake (Ontario/Lac Ontario-Western Portion/Partie ouest – New Edition – 23-AF	PR-1999 – NAD 1983		
23-MAR-2001 Amend	legend "Y" to read "OrW Priv"	LNM/D. 16-FEB-2001 43°37'34.7"N 079°28'02.9"W DFO(6601432-01)		
2085 – Toron	to Harbour – New Edition – 18-FEB-2000 – NAD 1983			
23-MAR-2001		LNM/D. (193-1994)		
Amend	legend "Y Priv" to read "OrW Priv"	43°37'34.7"N 079°28'02.9"W DFO(6601432-01)		
Reposition	buoy "OrW Priv"	from 43°37'34.7"N 079°28'02.9"W to 43°37'35.2"N 079°28'04.3"W DFO(6601432-02)		
2086 – Toron	to to/à Hamilton – New Chart – 09-JUN-1989 – NAD 1983			
23-MAR-2001 Amend	legend "Y" to read "OrW Priv"	LNM/D. 29-DEC-2000 43°37'34.7"N 079°28'02.9"W DFO(6601432-01)		
L/C2201 – Georgian Bay / Baie Georgienne – New Edition – 18-NOV-1998 – NAD 1983				
09-MAR-2001 Amend	FI 4s 49ft 6M to read FI 4s 52ft 6M against light	LNM/D. 09-FEB-2001 44°57'03.0"N 081°25'07.0"W (D2001021) LL(796) DFO(6601427-01)		
2202 – Tomahawk Island to/àTwelve Mile Bay – Sheet 2 – New Edition – 26-MAR-1999 – Nad 1927				
09-MAR-2001		LNM/D. 08-SEP-2000		
Amend	Adjoining Chart/ Carte adjacente 2239 to read "Adjoining Chart/ Carte adjacente 2241"	in lower border at 44° 55' 00"N 79° 56' 00"W (Approx)		
		DFO(6601423-01)		
2202 – Parry Sound to/à Carling Rock – Sheet 4 – New Edition – 26-MAR-1999 – Nad 1927				
23-MAR-2001 Add	submarine cable	LNM/D. 09-MAR-2001 joining 45°22'59.0"N 080°12'11.0"W 45°22'55.0"N 080°12'11.0"W and 45°22'55.0"N 080°12'03.0"W <i>DFO(6601431-01)</i>		

2203 – Carlin	g Rock to/à Twin Sisters Island – Reprint – 13-NOV-1992 – Nad 1927			
09-MAR-2001		LNM/D. 10-NOV-2000		
CANCELS	green port hand spar buoy, marked A45 Temporary action dated 23-Jun-2000, is now a permanent action. Refer to the chart action to that effect in this publication.	45°26'03.2"N 080°24'08.3"W		
		(D2000075) DFO(6601133-01)		
-				
2203 – Parry 1927	Sound to/à Carling Rock – New Edition – 30-JUN-2000 – Nad			
23-MAR-2001		LNM/D. 09-MAR-2001		
Add	submarine cable	joining 45°22'59.0"N 080°12'11.0"W		
		45°22'55.0"N 080°12'11.0"W		
		and 45°22'55.0"N 080°12'03.0"W DFO(6601431-01)		
	g Rock to/à Twin Sisters Island – New Edition – 30-JUN-2000 – Nad 1927			
09-MAR-2001	second particular second se			
Add	green porthand spar buoy marked A45	45°26'03.1"N 080°24'08.8"W (D2001009) DFO(6601416-01)		
2203 – Twin Sisters Island to/à Raspberry Island and/et Tonches Island – Sheet 2 – New Edition – 30-JUN-2000 – Nad 1927				
23-MAR-2001		LNM/D. 09-MAR-2001		
Add	green port hand spar buoy marked A55/1	45°32'48.1"N 080°27'50.0"W		
	As this buoy is placed to show the best navigation channel, the			
	small craft route now passes east of this buoy.	(D2001016) DFO(6601429-01)		
2000 Deem	annu Ialaud (a (à Iala at Binan - Chaot) - Naus Edition - 20, 1110 2000 - Na	4 4007		
-	perry Island to/à Isle of Pines – Sheet 2 – New Edition – 30-JUN-2000 – Na			
09-MAR-2001 Add	green port hand spar buoy marked A55/3	LNM/D. 10-NOV-2000 45°33'28.6"N 080°29'51.5"W		
Auu	green port hand spar budy marked A00/0	(D2001015) DFO(6601428-01)		
	e au Baril – Sheet 2 – New Edition – 30-JUN-2000 – Nad 1927			
09-MAR-2001 Add	green port hand spar buoy marked A55/3	LNM/D. 10-NOV-2000 084°, 52m from Double Island		
Auu	green port hand spar budy marked A50/5	daybeacon		
		(D2001015) DFO(6601428-01)		
2225 – Approaches to / Approches à Parry Sound – New Edition – 08-MAR-1991 – Nad 1927				
09-MAR-2001		LNM/D. 09-JUN-2000		
CANCELS	red starboard hand spar buoy, marked PP4	45°22'35.4"N 080°23'40.5"W		
	Temporary action dated 23-JUN-2000, is now a permanent action. Refer to the chart action to that effect in this publication.			
		(D2000071) DFO(6601129-01)		
CANCELS	green, port hand, spar buoy, marked PP5 Temporary action dated 16-JUN-2000, is now a permanent action. Refer to the chart action to that effect in this publication.	45°22'28.7"N 080°23'22.8"W		
		(D2000073) DFO(6601131-01)		
Add	red starboard hand spar buoy marked PP4	45°22'35.1"N 080°23'05.0"W (D2001010) DFO(6601417-01)		
		,,		
Add	green port hand spar buoy marked PP5	45°22'28.4"N 080°23'23.3"W		
		(D2001011) DFO(6601418-01)		

L/C2243 – Ba	nteau Island to/à Byng Inlet – New Edition – 30-AUG-1985 – Nad 1927	
09-MAR-2001 CANCELS	red starboard hand spar buoy, marked PP4	LNM/D. (1708-1999) 45°22'36.0"N 080°23'42.0"W
	Temporary action dated 23-JUN-2000, is now a permanent action. Refer to the chart action to that effect in this publication.	
		(D2000071) DFO(6601129-01)
CANCELS	green, port hand, spar buoy, marked PP5 Temporary action dated 16-JUN-2000, is now a permanent action. Refer to the chart action to that effect in this publication.	45°22'29.0"N 080°23'23.0"W
		(D2000073) DFO(6601131-01)
CANCELS	red starboard hand spar buoy, marked PP8 Temporary action dated 23-JUN-2000, is now a permanent action. Refer to the chart action to that effect in this publication.	45°24'19.8"N 080°24'03.1"W
		(D2000074) DFO(6601132-01)
Add	red starboard hand spar buoy marked PP4	45°22'35.2"N 080°23'05.0"W (D2001010) DFO(6601417-01)
Add	green port hand spar buoy marked PP5	45°22'28.6"N 080°23'23.3"W (D2001011) DFO(6601418-01)
Add	red starboard hand spar buoy marked PP8	45°24'19.6"N 080°24'03.7"W (D2001012) DFO(6601419-01)
L/C2245 – Be	eaverstone Bay to/à Lonely Island and/et McGregor Bay – New Editio	n – 06-JUN-1986 – Nad 1927
09-MAR-2001 Add	red starboard hand pillar light buoy FI R marked DE2	LNM/D. 16-JUN-2000 45°53'48.0"N 081°23'02.0"W (D2001017) LL(972.8) DFO(6601430-01)
2251 – Meldr	um Bay to/à St.Joseph Island – New Chart – 11-APR-1986 – Nad 192	7
23-MAR-2001		LNM/D. 02-FEB-2001
Reposition	red starboard hand spar buoy marked KE4	from 46°08'03.0"N 083°46'22.0"W
		to 46°08'02.7"N 083°46'18.7"W (D2001023) DFO(6601433-01)
2284 – Parry	Sound and Approaches/et les approches – Reprint – 07-JUN-1996 –	Nad 1927
09-MAR-2001		LNM/D. (641-1995)
CANCELS	red starboard hand spar buoy, marked PP4 Temporary action dated 23-JUN-2000, is now a permanent action. Refer to the chart action to that effect in this publication.	45°22'36.0"N 080°23'42.0"W
		(D2000071) DFO(6601129-01)
CANCELS	green, port hand, spar buoy, marked PP5 Temporary action dated 16-JUN-2000, is now a permanent action. Refer to the chart action to that effect in this publication.	45°22'28.5"N 080°23'21.2"W
		(D2000073) DFO(6601131-01)
CANCELS	red starboard hand spar buoy, marked PP8 Temporary action dated 23-JUN-2000, is now a permanent action. Refer to the chart action to that effect in this publication.	45°24'19.8"N 080°24'03.1"W
		(D2000074) DFO(6601132-01)

2292 – Chan	try Island to Cove Island – New Edition – 28-APR-1989 – Unknown		
09-MAR-200		LNM/D. 10-NOV-2000	
Amend	FI 4s 49ft 6M to read FI 4s 52ft 6M against light	44°57'03.0"N 081°25'07.0"W (D2001021) LL(796) DFO(6601427-01)	
		(D2001021) EE(130) D1 0(0001421-01)	
2314 – Port (of Thunder Bay – New Edition – 23-APR-1999 – NAD 1983		
09-MAR-200 ²	I	LNM/D. 10-NOV-2000	
Replace	red light starboard hand pillar buoy, FIR, marked AA2 with starboard	48°20'45.0"N 089°09'54.0"W	
	spar buoy marked AA2	(D2001013) DFO(6601420-01)	
		(D2001013) DF0(0001420-01)	
Replace	spar buoy marked AA4 with red light starboard hand pillar buoy, FI R	48°21'14.0"N 089°10'34.0"W	
	marked AA4	(D2001014) LL(1135) DFO(6601421-01)	
		(D2001014) EE(1133) DF0(0001421-01)	
L/C4002 – G	olfe du Saint-Laurent / Gulf of St. Lawrence – New Edition – 27-DEC-1	991 – Nad 1927	
09-MAR-2007	I	LNM/D. 15-DEC-2000	
Amend	FI 20M to read FI 15M	50°09'47.0"N 060°03'44.0"W	
		(L2000202) LL(1563) DFO(6406137-01)	
Delete	radiobeacon RC	50°09'47.0"N 060°03'44.0"W	
Delete		DFO(6406137-02)	
		, , , , , , , , , , , , , , , , , , ,	
23-MAR-2007		LNM/D. 09-MAR-2001	
Delete	the coast radio station marked "R"	47°23'11.4"N 061°51'20.4"W	
		DFO(6406252-01)	
L/C4003 – Ca 1927	ape Breton to/à Cape Cod – New Edition – 14-DEC-1984 – Nad		
30-MAR-200		LNM/D. 02-FEB-2001	
Delete	legend "Aband"	44°43'00.0"N 061°38'00.0"W	
		DFO(6829339-02)	
Add	submarine cable	joining 43°56'59.1"N 060°55'52.8"W	
		43°53'47.1"N 060°49'18.0"W	
		43°52'15.9"N 060°42'03.0"W	
		43°55'35.7"N 060°32'02.4"W	
		44°01'58.5"N 060°27'00.6"W	
		44°03'17.7"N 060°19'32.4"W	
		43°59'43.5"N 060°01'26.4"W	
		and 43°55'59.7"N 060°01'26.4"W	
		DFO(6829339-03)	
L/C4010 – Ba	ay of Fundy (Inner Portion) – New Edition – 18-NOV-1983 – Nad 1927		
30-MAR-200 ²		LNM/D. 26-MAY-2000	
(T)Delete	light	44°48'48.7"N 065°32'23.2"W	
	This light has been temporarily discontinued.		
		(F2001006T) LL(199) DFO(6829417-01)	
L/C4011 – Approaches to/Approches à Bay of Fundy – New Edition – 31-OCT-1997 – NAD 1983			
30-MAR-2007		LNM/D. 02-FEB-2001	
(T)Delete	li alet		
. ,	light	44°48'54.0"N 065°32'20.0"W	
()	This light has been temporarily discontinued.	(F2001006T) LL(199) DFO(6829417-01)	

L/C4012 – Ya	rmouth to/à Halifax – New Edition – 13-MAR-1987 – Nad 1927	
30-MAR-2001		LNM/D. 02-FEB-2001
(T)Delete	light	44°48'50.0"N 065°32'13.0"W
	This light has been temporarily discontinued.	(F2001006T) LL(199) DFO(6829417-01)
		(
L/C4015 – Sy	dney to Saint-Pierre – New Edition – 24-JUL-1992 – Nad 1927	
09-MAR-2001		LNM/D. 16-FEB-2001
Add	black and yellow, North cardinal pillar light buoy Q	47°28'34.0"N 057°06'00.0"W
		DFO(6829400-01)
L/C4021 – Po	inte Amour à/to Cape Whittle et/and Cape St. George – New Edition –	27-DEC-1991 – Nad 1927
09-MAR-2001		LNM/D. (110-1999)
Amend	FI 15s 79ft 20M to read FI 15s 79ft 15M	50°09'45.2"N 060°03'41.6"W
		(L2000202) LL(1563) DFO(6406137-01)
Delete	fog signal	50°09'45.2"N 060°03'41.6"W
		DFO(6406137-03)
	bot Strait and Approaches, Scatarie Island to Anticosti Island – New I	
23-MAR-2001 Delete	the coast radio station marked "R"	LNM/D. (1933-1999) 47°23'12.9"N 061°51'41.0"W
Delete		DFO(6406252-01)
Add	tower	47°23'12.9"N 061°51'41.0"W
		DFO(6406252-02)
4024 – Baie o	les Chaleurs aux/to Îles de la Madeleine – New Edition – 03-MAR-2000) – NAD 1983
09-MAR-2001		LNM/D. 15-DEC-2000
	On certain copies	
Amend	FI (3) 27s 44m 20M to read FI (3) 27s 44m 20M (Priv)	49°15'03.6"N 065°19'32.3"W
		DFO(6500403-01)
23-MAR-2001		LNM/D. 09-MAR-2001
Delete	the coast radio station marked "R"	47°23'13.1"N 061°51'38.3"W
		DFO(6406252-01)
Add	tower	47°23'13.1"N 061°51'38.3"W
Auu	tower	DFO(6406252-02)
L/C4025 - Ca	o Whittle à/to Havre-Saint-Pierre et/and Île d'Anticosti - New Edition - 2	27-DEC-1991 - Nad 1927
09-MAR-2001		
Amend	FI 15s 79ft 20M to read FI 15s 79ft 15M	50°09'45.2"N 060°03'40.7"W (L2000202) LL(1563) DFO(6406137-01)
Delete	fog signal	50°09'45.2"N 060°03'40.7"W
		DFO(6406137-03)
L/C4045 - Sal Nad 1927	ole Island Bank/Banc de l'Île de Sable to/au St.Pierre Bank/Banc de Sa	aint Pierre - New Chart - 08-AUG-1986 -
02-MAR-2001		LNM/D. 08-DEC-2000
Add	submarine cable	joining 44°01'33.4"N 060°10'00.0"W
		44°00'16.1"N 060°02'53.8"W
		43°59'43.7"N 060°01'26.8"W
		and 43°56'00.0"N 060°01'26.8"W

DFO(6829357-01)

L/C4098 - Sable Island/Île de Sable - New Chart - 21-SEP-1984 - Nad 1927

23-MAR-2001

Add submarine cable

LNM/D. 17-NOV-2000 joining 44°03'00.8"N 060°18'00.0"W 44°00'16.0"N 060°02'53.8"W 43°59'43.6"N 060°01'26.8"W and 43°56'02.0"N 060°01'26.8"W DFO(6829344-01)

L/C4099 - Sable Island/Île de Sable, Western Portion/Partie Ouest - New Chart - 21-SEP-1984 - Nad 1927
--

		LNM/D. 24-NOV-2000
submarine cable	joining	43°56'33.6"N 060°55'00.0"W
		43°56'09.4"N 060°54'09.9"W
		43°56'04.0"N 060°54'11.7"W
		43°56'04.6"N 060°54'02.1"W
		43°53'47.2"N 060°49'18.3"W
		43°52'16.0"N 060°42'03.3"W
		43°55'35.8"N 060°32'02.7"W
		44°01'58.6"N 060°27'00.9"W
		44°02'35.8"N 060°24'50.7"W
		44°03'17.8"N 060°19'32.7"W
		44°00'16.0"N 060°02'53.7"W
		43°59'43.6"N 060°01'26.7"W
	and	43°56'06.0"N 060°01'26.7"W
		DFO(6829372-01)
John Harbour and Approaches / et les approches - New Chart - 28-	OCT-1988 - N	AD 1983
		LNM/D. (2103-1999)
light F R (Priv)		45°16'22.8"N 066°02'21.7"W
	(F200015	5) LL(110.2) DFO(6829040-01)
ahave to/à Liverpool Bay - New Edition - 07-DEC-1990 - Nad 1927		
		LNM/D. 02-FEB-2001
		44°07'57.0"N 064°34'42.0"W
		DFO(6012332-01)
	submarine cable John Harbour and Approaches / et les approches - New Chart - 28-	submarine cable joining and John Harbour and Approaches / et les approches - New Chart - 28-OCT-1988 - N light F R (Priv) (F200015: Lahave to/à Liverpool Bay - New Edition - 07-DEC-1990 - Nad 1927 green light, port hand pillar buoy FI G, marked UA65.

L/C4227 - C	country Harbour to/à Ship Harbour - New Chart - 24-MAY-1991 - NAD 1983	
30-MAR-200	01	LNM/D. 01-DEC-2000
Delete	legend "Aband"	44°46'40.0"N 062°12'36.0"W
		DFO(6829338-02)
Delete	legend "Aband"	44°42'30.0"N 061°46'30.0"W
		DFO(6829338-03)
L/C4230 - L	ittle Hope Island to/à Cape St Marys - New Chart - 15-JUN-1990 - NAD 1983	
09-MAR-200	01	LNM/D. 02-FEB-2001
Datata	denth of 4 meatres 4 decimentaries	

Delete	depth of 1 metre 4 decimetres	43°40'30.0"N 065°11'10.0"W DFO(6829386-01)
Add	depth of 14 metres	43°40'30.0"N 065°11'10.0"W DFO(6829386-02)

L/C4321 - Cape Canso to Liscomb Island - New Edition - 11-OCT-1985 - Nad 1927			
23-MAR-2001		LNM/D. 08-DEC-2000	
Delete	submarine cable	between 44°41'31.0"N 061°29'30.0"W	
		and 44°41'31.0"N 061°54'27.0"W	
		DFO(6829370-01)	
Delete	legend "Aband"	44°42'24.0"N 061°42'12.0"W	
20.010		DFO(6829370-02)	
Add	submarine cable	between 44°41'34.6"N 062°00'00.0"W	
		and 44°41'31.0"N 061°59'26.0"W	
		DFO(6829370-03)	
Add	submarine cable	joining 44°41'31.0"N 061°54'11.7"W	
Add	Submanne cable	44°42'26.7"N 061°52'13.1"W	
		44°42'19.5"N 061°32'01.7"W	
		and 44°41'31.0"N 061°28'59.6"W	
		DFO(6829370-04)	
	and Manan - New Edition - 12-APR-1991 - Nad 1927		
09-MAR-2001		LNM/D. (2132-1999)	
Delete	light F R	44°45'40.2"N 066°44'55.5"W	
		(F2000196) LL(31) DFO(6829265-01)	
Add	yellow cautionary spar buoy, Priv	44°45'59.7"N 066°44'06.8"W	
		DFO(6829380-01)	
		· · · · · ·	
4342 - Long I	sland Bay - New Edition - 03-JUN-1988 - Nad 1927		
09-MAR-2001		LNM/D. 11-AUG-2000	
Delete	light F R	44°45'40.6"N 066°44'56.9"W	
		(F2000196) LL(31) DFO(6829265-01)	
Add	yellow cautionary spar buoy, Priv	44°45'59.0"N 066°44'06.0"W	
	,,,,,,,,	DFO(6829380-01)	
Add	fish traps area	joining 44°45'56.0"N 066°44'11.0"W	
		44°45'55.2"N 066°44'08.2"W	
		44°45'57.0"N 066°44'07.0"W	
		44°45'54.0"N 066°43'58.0"W	
		44°45'53.0"N 066°43'58.0"W	
		44°45'54.0"N 066°44'09.0"W	
		and 44°45'55.2"N 066°44'08.2"W	
		DFO(6829380-02)	
4342 - North	Head Wharves - New Edition - 03-JUN-1988 - Nad 1927		
09-MAR-2001		LNM/D. 11-AUG-2000	
Delete	light F R	at Ferry Wharf	
		(F2000196) LL(31) DFO(6829265-01)	
•			
	inte-Marie à/to Île à la Brume - New Edition - 18-JUL-1980 - Unknown		
09-MAR-2001		LNM/D. (158-1997)	
Amend	FI 15s 79ft 20M to read FI 15s 79ft 15M	50°09'47.6"N 060°03'39.7"W	
		(L2000202) LL(1563) DFO(6406137-01)	
Delete	fog signal	50°09'47.6"N 060°03'39.7"W	
_ 0.010		DFO(6406137-03)	

4459 - Summ	erside Harbour - New Edition - 25-JUN-1999 - NAD 1983	
16-MAR-2001		LNM/D. 29-SEP-2000
(T)Add	depth of 6 metres 1 decimetre This is the result of a pre-dredging survey.	46°23'14.0"N 063°47'25.9"W
		DFO(6829382-01)
(T)Add	depth of 6 metres 4 decimetre This is the result of a pre-dredging survey.	46°22'54.8"N 063°48'50.1"W
		DF0(6829382-02)
4470 - Blanc-	Sablon à/to Middle Bay - New Edition - 04-JAN-1980 - Nad 1927	
09-MAR-2001		LNM/D. (1106-1999)
Amend	FI 6s 37ft to read FI 6s 33ft	51°24'54.0"N 057°09'02.6"W
		(L2000247) LL(1526) DFO(6406186-01)
4486 - Baie d	es Chaleurs / Chaleur Bay - New Edition - 19-FEB-1999 - NAD 1983	
30-MAR-2001		LNM/D. 10-NOV-2000
Delete	marine farm	48°03'39.0"N 066°15'00.0"W DFO(6405882-01)
		Dr 0(0+00002-07)
Delete	marine farm	48°05'18.0"N 066°13'52.0"W
		DFO(6405882-02)
Delete	marine farm	48°05'35.0"N 066°10'35.0"W
		DFO(6405882-03)
Delete	marine farm	48°03'49.0"N 066°10'36.0"W
20.010		DFO(6405882-04)
Doloto	marine farm	48°08'20.0"N 065°59'54.0"W
Delete	manne rarm	48 08 20.0 N 065 59 54.0 W DFO(6405882-05)
Delete	marine farm	48°08'41.0"N 065°57'36.0"W
		DFO(6405882-06)
Delete	marine farm	48°07'17.0"N 065°57'30.0"W
		DFO(6405882-07)
Add	marine farm	48°04'58.3"N 066°12'27.0"W
		DFO(6405882-09)
Add	marine farm	48°04'50.5"N 066°11'31.4"W
		DFO(6405882-10)
٨ ما ما	marina form	48°06'01.5"N 066°01'29.6"W
Add	marine farm	48 06 01.5 N 066 01 29.6 W DFO(6405882-11)
Delete	marine farm	48°05'21.1"N 066°07'47.7"W
		DFO(6405882-12)
Add	obstruction and legend Obstn PD	48°05'16.2"N 066°07'46.8"W
		DFO(6405882-13)

Amend	the note to read:	48°26'03.0"N 065°53'43.0"W
	FERME MARINE	
	Plusieurs fermes marines se trouvent dans la baie de Cascapedia et la baie Tracadigache. Pour plus de renseignements, se referer aux avis aux navigateurs temporaires en vigueur.	
	navigateurs temporaries en vigueur.	DFO(6405882-16)
Amend	the note to read:	48°26'03.0"N 065°45'08.0"W
	MARINE FARM Numerous marine farms are located in Baie de Cascapedia and Baie Tracadigache. For additional information, consult the current Temporary Notices to Mariners.	DFO(6405882-17)
		2. 0(0.00002)
(T)Add	marine farm	joining 48°05'12.0"N 066°12'48.0"W 48°05'12.0"N 066°12'07.6"W 48°04'44.9"N 066°12'07.6"W
		48°04'44.9"N 066°12'48.0"W
		and 48°05'12.0"N 066°12'48.0"W
	Private buoys mark the aquaculture zone covering an area up to a maximum of 70 hectares. The zone is marked in all 4 corners from April 1 to December 1 each year with cautionary unlit buoys equipped with radar reflectors.	
		DFO(6405891-01)
(T)Add	marine farm	joining 48°05'12.0"N 066°12'02.6"W 48°05'12.0"N 066°10'59.6"W
		48°04'30.0"N 066°10'59.6"W
		48°04'30.0"N 066°12'02.6"W
		and 48°05'12.0"N 066°12'02.6"W
	An aquaculture zone covering a maximum area of 1300X1300 metres is established. The zone is marked from April 1 to December 15 of each year with cautionary unlit buoys equipped with radar reflectors. The long lines are marked with yellow balloons spaced at a maximum 30 meters interval.	
		DFO(6405892-01)
(T)Add	marine farm	joining 48°06'20.1"N 066°01'20.1"W
		48°06'01.3"N 066°01'01.1"W
		48°05'43.2"N 066°01'41.2"W
		48°06'02.2"N 066°02'00.1"W
		and 48°06'20.1"N 066°01'20.1"W
	An aquaculture zone covering a maximum area of 1000X700 metres is established. The zone is marked from May 15 to October 15 of each year with unlighted yellow buoys equipped with radar reflectors. The long lines are marked with yellow balloons spaced by at a maximum 30 meters interval.	
	מר מ התאווועות שט ווופוסים ווופועמו.	DFO(6405893-01)
(T)Add	marine farm	joining 48°07'22.2"N 065°55'12.8"W
(1)/100		48°07'22.2"N 065°53'14.8"W
		48°06'33.2"N 065°53'14.8"W
		48°06'33.2"N 065°55'12.8"W
		and 48°07'22.2"N 065°55'12.8"W
	An aquaculture zone covering a maximum area of 2441X1514 meters is established. The zone is marked from April 1 to December 1 with yellow unlighted cautionary buoys equipped with radar reflectors. The long lines are marked with yellow balloons	
	spaced at a maximal 30 meters interval.	
		DFO(6405894-01)

(T)Add	marine farm	joining 48°05'24.2"N 066°01'42.8"W
		48°06'11.2"N 066°00'07.8"W
		48°05'36.2"N 065°59'29.8"W
		48°04'49.2"N 066°01'04.8"W
		and 48°05'24.2"N 066°01'42.8"W
	An aquaculture zone covering a maximum area of 2445x1338 metres is established. The zone is marked from April 1 to	
	December 1 with yellow unlighted cautionnary buoys equipped with	
	radar reflectors. The long lines are marked with yellow balloons	
	spaced at a maximum 30 meters interval.	DFO(6405895-01)
(T)Add	marine farm	joining 48°06'22.1"N 066°01'13.9"W
		48°06'40.2"N 066°00'33.8"W
		48°06'21.4"N 066°00'14.9"W
		48°06'03.3"N 066°00'54.9"W
		and 48°06'22.1"N 066°01'13.9"W
	An aquaculture zone for mussels covering 70 hectares	
	(1000X700m) is established. The zone is marked from April to	
	December with cautionary unlit buoys.	
		DFO(6405896-01)
(T)Add	marin farm	joining 48°07'22.5"N 066°00'19.3"W
(1)/100	naman	48°07'01.0"N 065°59'57.6"W
		48°06'45.2"N 066°00'32.7"W
		48°07'06.7"N 066°00'54.3"W
		and 48°07'22.5"N 066°00'19.3"W
	An aquiaulture zone equating on area of 70 besteres (200V27Em)	and 46 07 22.5 N 000 00 19.5 W
	An aquaculture zone covering an area of 70 hectares (800X875m) is marked by yellow cautionary unlit buoys. Each buoy is spaced at	
	a maximum 100 metre intervals. The 4 corner buoys are equipped	
	with radar reflectors.	
		DFO(6405960-01)
(T)Add	marine farm	48°10'21.0"N 064°55'59.0"W
	An aquaculture zone, consisting of 3 longlines 110 metres in length	
	and 25 metres apart, is temporarily established in Baie de Port	
	Daniel. The longlines are equipped at their extremities with yellow	
	balloons, from June 4th to October 27th, yearly.	DE0/6406224 01)
		DFO(6406234-01)
(T)Add	marine farm	48°04'56.0"N 066°10'49.0"W
	An experimental aquaculture zone, consisting of 3 longlines 110	
	metres in length and 25 metres apart, exist until November 1st. The	
	longlines are equipped at their extremities with yellow balloons, from	
	June 4th to October 27th, yearly.	DE0/6406224 02)
		DFO(6406234-02)
Delete	note "Chenal balisé Priv/Channel Buoyed Priv"	48°10'34.9"N 065°54'42.4"W
Delete		DFO(6406259-01)
		Di 0(0+00203-01)
4633 - Rame	a Islands to Bonne Bay - New Edition - 24-APR-1987 - Unknown	
09-MAR-200 ⁷	l i i i i i i i i i i i i i i i i i i i	LNM/D. 11-AUG-2000
Add	black and yellow, North cardinal pillar light buoy Q, marked QGR	47°28'24.0"N 057°06'33.0"W
		DFO(6829400-01)
	ile Bay to Ramea Islands - New Edition - 14-JUL-1995 - Unknown	
16-MAR-2007		LNM/D. 16-FEB-2001
Add	yellow and black , South cardinal pillar light buoy VQ (6) + LFI 10s,	47°39'00.0"N 058°07'09.0"W
	marked QUF	
		(N1999-096) LL(146.9) DFO(6829395-01)

16-MAR-200'		
Add	yellow and black , South cardinal pillar light buoy VQ (6) + LFI 10s, marked QUF	LNM/D. 16-FEB-2001 238.5°, 3.66 sea miles from Gull Island observation point
		DFO(6829395-01)
4702 - Corbe	t Island to Ship Harbour Head - New Chart - 17-JAN-1964 - Nad 1927	
02-MAR-200 ²		LNM/D. 22-SEP-2000
Add	wreck showing portion of superstructure	53°12'46.7"N 055°45'15.9"W DFO(6829343-01)
4724 - Ticoro	blak Island to Carrington Island - New Edition - 20-MAY-1960 - Unknown	
09-MAR-200	-	LNM/D. 02-FEB-2001
	On certain copies	
Add	light FI R	54°11'39.5"N 058°24'40.5"W DFO(6500407-01)
L/C4847 - Co	nception Bay - New Edition - 05-JUL-1996 - NAD 1983	
30-MAR-2007	I	LNM/D. 01-SEP-2000
(T)Delete	light The original light has been temporarily dismantled to facilitate new construction. A temporary light has been installed.	47°41'24.6"N 053°12'52.9"W
		(N2001-009(T)) DFO(6829425-01)
(T)Add	light, FI R	47°41'24.4"N 053°12'52.9"W
(1)/122	The original light has been temporarily dismantled to facilitate new construction. A temporary light has been installed.	
		(N2001-009(T)) DFO(6829425-02)
4849 - Harbo	ur Grace and/et Carbonear - New Chart - 30-DEC-1988 - NAD 1983	
30-MAR-2007	l l	LNM/D. (1918-1999)
(T)Delete	light	47°41'24.6"N 053°12'52.8"W
	The original light has been temporarily dismantled to facilitate new construction. A temporary light has been installed.	
		(N2001-009(T)) DFO(6829425-01)
(T)Add	light, FI R The original light has been temporarily dismantled to facilitate new	47°41'24.4"N 053°12'52.8"W
	construction. A temporary light has been installed.	
		(N2001-009(T)) DFO(6829425-02)
4849 - Fish	Plant / Conserverie de Poisson - New Chart - 30-DEC-1988 - NAD 1983	
30-MAR-2007		LNM/D. (1918-1999)
(T)Delete	light	47°41'24.6"N 053°12'52.8"W
	The original light has been temporarily dismantled to facilitate new construction. A temporary light has been installed.	
		(N2001-009(T)) DFO(6829425-01)
	light, FI R	47°41'24.4"N 053°12'52.8"W
(T)Add	The original light has been temporarily dismantled to facilitate new construction. A temporary light has been installed.	

4921 - Quai /	Wharf Paspébiac-Ouest - New Edition - 06-MAR-1998 - NAD	1983	
09-MAR-2001 Add	legend "Ru"	LNM/D. 21-JUL-2000 48°01'12.8"N 065°15'20.0"W DFO(6406227-01)	
L/C4951 - Île	s de la Madeleine -Partie sud / South Portion - New Chart - (04-JAN-1991 - NAD 1983	
23-MAR-2001 Delete	the coast radio station marked "R RT"	LNM/D. 09-FEB-2001 47°23'13.2"N 061°51'36.5"W DFO(6406252-01)	
Add	tower	47°23'13.2"N 061°51'36.5"W DFO(6406252-02)	
4956 - Cap-a	ux-Meules - New Chart - 23-NOV-1990 - NAD 1983		
23-MAR-2001 Delete	the coast radio station marked "R"	LNM/D. 28-JUL-2000 47°23'13.8"N 061°51'37.5"W DFO(6406252-01)	
Add	tower	47°23'13.8"N 061°51'37.5"W DFO(6406252-02)	
4980 - Blanc	Sablon - New Chart - 03-JAN-1992 - NAD 1983		
09-MAR-2001 Amend	Fl to read Fl 6s 10m 9M	LNM/D. (832-1996) 51°24'54.2"N 057°08'59.2"W (L2000247) LL(1526) DFO(6406186-01)	
4980 - Quai /	Wharf Blanc-Sablon - New Chart - 03-JAN-1992 - NAD 1983		
09-MAR-2001 Amend	FI to read FI 6s 10m	LNM/D. (832-1996) 51°24'54.2"N 057°08'59.2"W (L2000247) LL(1526) DFO(6406186-01)	
5051 - NUNA	KSUK ISLAND TO CALF,CROW AND BULL ISLANDS - New C	Chart - 07-JUN-1996 - NAD 1983	
09-MAR-2001		LNM/D. 29-SEP-2000	
Add	On certain copies legend BELL against south cardinal light buoy NVR	56°31'53.0"N 060°47'08.5"W DFO(6500404-01)	
6023 - Lake d	of Bays - New Edition - 26-FEB-1988 - Nad 1927		
09-MAR-2001		LNM/D. 27-OCT-2000	
Delete	light	45°15'37.0"N 078°58'20.0"W (D2001018) LL(1412) DFO(6601424-01)	
Add	green light, porthand pillar buoy FI G, marked AC1	45°15'34.0"N 078°58'19.0"W (D2001019) LL(1412.1) DFO(6601425-01)	
Delete	red starboard hand spar buoy marked A18	45°11'18.0"N 079°05'10.0"W (D2001020) DFO(6601426-01)	
6035 - Lake Nipissing / Lac Nipissing(Eastern Portion / Partie est) - New Chart - 20-NOV-1987 - NAD 1983			
16-MAR-2001		LNM/D. 02-JUN-2000	
Delete	range lights The structure previously used as the front range is now equippe with a sector light. Refer to the chart action included in this publication.	46°11'48.2"N 079°25'19.9"W ed	
		(D2000-046,168) LL(1424,1425) DFO(6601414-01)	

Add	sector light Oc RWG visible over an arc of 020°, Red from 103° to
	111 1/2°, White from 111 1/2° to 115 1/2°, Green from 115 1/2° to
	123° .

46°11'48.2"N 079°25'19.9"W

(D2000-105) LL(1424) DFO(6601414-02)

6214 - Sabas	kong Bay - New Chart - 18-MAR-1977 - Nad 1927	
09-MAR-200 ⁻ Add	l submarine power cable	LNM/D. 29-SEP-2000 between 49°07'37.9"N 093°57'08.2"W
		and 49°07'46.2"N 093°57'00.6"W
		DFO(6601248-01)
Add	submarine power cable	joining 49°07'49.2"N 093°57'04.3"W
		49°07'57.5"N 093°57'01.0"W
		49°08'02.0"N 093°56'58.7"W
		and 49°07'59.6"N 093°56'51.7"W DFO(6601248-02)
		21 0(0001240 02)
Delete	overhead power cable with vertical clearance of 49ft.	between 49°07'19.0"N 093°56'26.0"W
		and 49°07'18.0"N 093°56'12.0"W
		DFO(6601248-05)
Delete	overhead power cable with vertical clearance of 46ft.	between 49°07'17.0"N 093°56'07.5"W
		and 49°07'21.0"N 093°55'56.0"W
		DFO(6601248-06)
Delete	overhead power cable with vertical clearance of 55ft.	between 49°07'21.0"N 093°55'56.0"W
		and 49°07'24.0"N 093°55'51.0"W
		DFO(6601248-07)
Delete	overhead power cable with vertical clearance of 43ft.	between 49°07'24.0"N 093°55'51.0"W
		and 49°07'26.0"N 093°55'39.5"W
		DFO(6601248-08)
Add	submarine power cable	between 49°09'02.0"N 093°56'12.1"W
		and 49°08'52.9"N 093°56'04.4"W
		DFO(6601248-09)
Delete	overhead power cable with vertical clearance of 44ft.	between 49°09'02.5"N 093°56'07.5"W
		and 49°08'52.0"N 093°56'02.0"W
		DFO(6601248-10)
Add	submarine power cable	between 49°07'14.2"N 093°56'41.0"W
		and 49°07'16.6"N 093°56'34.2"W
		DFO(6601248-12)
Add	submarine power cable	between 49°07'16.5"N 093°56'26.1"W
		and 49°07'16.0"N 093°56'12.0"W
		DFO(6601248-13)
Add	submarine power cable	between 49°07'16.0"N 093°56'07.0"W
		and 49°07'21.0"N 093°55'56.5"W
		DFO(6601248-14)
Add	submarine power cable	between 49°07'21.0"N 093°55'54.0"W
		and 49°07'22.5"N 093°55'52.5"W
		DFO(6601248-15)

Add	submarine power cable		49°07'26.0"N 093°55'49.5"W 49°07'29.7"N 093°55'49.3"W DFO(6601248-16)
Add	submarine power cable		49°07'09.5"N 093°56'47.6"W 49°07'14.6"N 093°56'41.7"W DFO(6601248-17)
6217 - Echo	Bay to Northern Peninsula - New Chart - 18-JUN-1976 - Nad 1927		
02-MAR-2001	-		LNM/D. 29-SEP-2000
Delete	daybeacon		49°41'51.0"N 094°49'05.0"W
			(D2000174) DFO(6601335-01)
Add	rock awash		49°41'51.0"N 094°49'05.0"W
			DFO(6601335-02)
L/C8007 - Ha Bank/Banc d	lifax to/à Sable Island/Île de Sable,Including/y compris Emerald Bank/E e l'Île de Sable - New Edition - 19-AUG-1988 - Nad 1927	Banc d'Ém	eraude and/et Sable Island
16-MAR-2001			LNM/D. 24-NOV-2000
Delete	submarine cable	between	44°48'50.0"N 062°17'48.0"W
		and	43°55'45.0"N 060°54'42.0"W
			DFO(6829341-01)
Delete	legend "Aband"		44°41'30.0"N 061°57'30.0"W
			DFO(6829341-02)
Delete	legend "Aband"		44°12'45.0"N 061°08'30.0"W
Delete	legend Aband		DFO(6829341-03)
			21 0(0020041 00)
Add	submarine cable	joining	44°52'00.0"N 062°22'38.3"W
			44°50'33.0"N 062°20'43.5"W
			44°49'57.0"N 062°19'14.7"W
			44°49'20.4"N 062°18'58.5"W
			44°47'33.0"N 062°13'52.5"W
			44°42'55.2"N 062°08'19.5"W
			44°41'15.6"N 061°57'13.5"W
			44°41'24.6"N 061°54'20.7"W
			44°42'25.2"N 061°52'11.7"W
			44°42'18.0"N 061°32'00.3"W
			44°41'12.0"N 061°27'52.5"W
			44°39'06.6"N 061°24'44.7"W
			44°36'06.6"N 061°23'51.3"W
			44°34'42.6"N 061°23'02.1"W
			44°28'04.8"N 061°21'13.5"W
			44°13'12.0"N 061°08'52.5"W
			44°00'03.0"N 060°59'50.7"W 43°56'59.1"N 060°55'52.9"W
			43°53'47.1"N 060°55'52.9"W
			43°52'15.9"N 060°42'03.1"W
			43°55'35.7"N 060°32'02.5"W
			44°01'58.5"N 060°27'00.7"W
			44°02'35.7"N 060°24'50.5"W
			44°03'17.7"N 060°19'32.5"W
			44°00'15.9"N 060°02'53.5"W
			43°59'43.5"N 060°01'26.5"W
		and	43°56'07.0"N 060°01'26.5"W
			DFO(6829341-04)

SECTION 3 – Edition 03/2001 CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

CANADIAN COAST GUARD PUBLICATIONS - Amendment to the Radio Aids to Marine Navigation (Atlantic and Great Lakes) Publication - 2000.

--.

(G)

Page 2-73

Add the following Radar Beacon

5

360

EAST BREAKWALL RED RIVER ENTRANCE 50 24 04.5N 96 48 48.4W Navigation season only.

Arctic Canada, Volume II, Fourth Edition, 1985 —	
Page 51 — Paragraph 70, lines 3 and 4 Delete: high erected on it. Replace by: high, elevation 18 m (59 ft), with a radar reflector on it.	(C2001-004.1)
Arctic Canada, Volume 3, Fifth Edition, 1994 —	
Page ix — Right hand column, line 3 Delete: bi-weekly Replace by: monthly	(C2001-019.1)
	(02001 01)(1)
Page ix — Right hand column, lines 18 to 21 Delete: "Director, Hydrography" to end of paragraph. Replace by: Dominion Hydrographer, Canadian Hydrographic Service,	
Ottawa, Ontario K1A 0E6.	(C2001-019.2)
Page xiv — Right hand column, line 2 – after "stations,"	
Insert: marine information services, Vessel Traffic Services,	(C2001-019.3)
Page 3 — Paragraph 51, line 5 Page 3 — Paragraph 51, line 8 Page 6 — Paragraph 117, line 4 Page 6 — Paragraph 117, line 7 Page 8 — Paragraph 164, line 2 Page 8 — Paragraph 167, line 2 Page 8 — Paragraph 170, line 2 Page 11 — Paragraph 244, line 2 Delete: <i>Coast Guard Radio</i> Replace by: <i>MCTS Centre</i>	(C2001-020.1)
Page 3 — Paragraph 52, line 3 Page 6 — Paragraph 118, line 3 Page 8 — Paragraph 158, lines 5 and 6 Page 10 — Paragraph 212, line 4 Page 11 — Paragraph 244, line 5 Delete: <i>Canadian Notices to Mariners</i> Replace by: <i>Radio Aids to Marine Navigation</i>	(C2001-019.4)
P. 6. 46. 1102	(02001 01).1)
 Page 6 — After paragraph 102 Insert: 102.1 There is a private mooring buoy 1.7 miles NE of the Welles Point beacon. 	(C2001-020.2)
Page 107 — Paragraph 32, line 3 Delete: 017 ¹ / ₂ °	
Replace by: 016°	(C2001-020.3)

Replace by: 5 and 14 m (16 and 46 ft) (C2001	-020.4)
Page 107 — Paragraph 32, line 6 Delete: near Replace by: on (C2001	-020.5)
Page 132 — Paragraph 149, line 2 – after "high" Insert: , elevation 18 m (59 ft), (C2001	-003.1)
Page 132 — Paragraph 153, lines 1 and 2 Delete: 6.1 m (20 ft) over it, lies 1.5 Replace by: 6.8 m (22 ft) over it, lies 2 (C2001	-003.2)
Page 132 — Paragraph 157, line 6 Delete: east Replace by: west	002.2
Page 133 — Paragraph 162, line 3 Delete: 40 m (130 ft) Replace by: 50 m (164 ft)	-003.3)
Labrador and Hudson Bay, Sixth Edition, 1988 —	-003.4)
Page 259 — Paragraph 434, line 4 – after "Chickens." Insert: South cardinal light buoy NVR (324.6) is moored 0.3 mile SSE of Fairway Rock. (N200	1-02.9)
Page 299 — Paragraph 180, line 4 – after "Islands." Add: There is a radiobeacon 0.1 mile SSE of the light. (C2001	-009.1)
Page 387 — Paragraph 470, lines 5 and 6 Delete: "even before was" Replace by: is (C2001	-008.1)
	-008.2)
Page 389 — Delete paragraph 481 Replace by: 481 Buoys . — The entrance to Le Moyne Passage is marked by a light buoy . The channel SE and south of Ship Sands Island is marked by buoys . (C2001	-008.3)

 Page 389 — After paragraph 482 Insert: 482.1 Caution. — Positions of aids to navigation are approximate; the aids may be moved to mark the best channel. 	(C2001-008.4)
ATL 103 — Newfoundland — Southwest Coast, First Edition, 1995 —	()
ATE 105 — Newfoundiand — Southwest Coast, First Edition, 1775 —	
 Page 37 — Paragraph 7, line 3 – after "Hune." Insert: North cardinal light buoy QGR (139.21) is moored 0.3 mile NNW of Grey River Rocks. 	(N2001-02.7)
Page 49 — Paragraph 97, line 4 – after "Bay."	
Insert: South cardinal light buoy QUF (146.9) is moored 0.4 mile south of Flat Island.	(N2001-02.8)
ATL 110 — St. Lawrence River — Cap Whittle/Cap Gaspé to Les Escoumins, First Edition, 1992 —	
Page 31 — CLORIDORME Diagram (Re: Correction promulgated in Monthly Edition No. 9/2000)
SHOULD HAVE READ	
Page 39 — CLORIDORME Diagram	
CEN 301 — St. Lawrence River, Montréal to Kingston, First Edition, 1996 —	
 Page 8 — Paragraph 93, last line Add: Also, owing to the background illumination of the communities situated on Île de Montréal, aids to navigation may be difficult to identify at night. Mariners are advised to exercise caution when entering small craft channels. 	(L2001-004.1)
CEN 302 — Lake Ontario, First Edition, 1996 —	
Page 66 — Delete paragraph 14 Replace by: ¹⁴ There is a historic light structure near the north end of the breakwater on the east side of the entrance channel. A privately maintained light shown from this structure is not visible from southern approaches.	
**	(C2001-017.1)

CEN 304 — Detroit River, Lake St. Clair, St. Clair River, First Edition, 1996 —

Page 10 — Delete paragraphs 123 and 123.1 as promulgated in Monthly Edition No. 1/2000.

The Federal Project provides for a depth Replace by: 123 of 25 feet [7.6 m] in Short Cut Canal and River Rouge to about 300 feet [91 m] below the West Jefferson Ave. Bridge, thence 21 feet [6.4 m] to the turning basin at the head of the project, with 21 feet [6.4 m] in the basin. Old Channel has a project depth of 25 feet [7.6 m] from the entrance to just below the first bascule bridge, thence 18 feet [5.5 m] to about 0.5 mile above the mouth, thence 17 feet [5.2 m] to the railroad swing bridge, thence 21 feet [6.4 m] to the junction with Short Cut Canal. (See Notices to Mariners and latest editions of charts for controlling depths.) The N side of the entrance to Short Cut Canal is marked by a lighted buoy. Rapid shoaling occurs in the canal and river because of the soft bottom. A number of cables. water mains, and tunnels cross under the canal and river; masters should exercise caution when dropping anchors.

(C2001-016.1)

CEN 305 — Lake Huron, St. Marys River, Lake Superior, First Edition, 2000 —

Page 1 — After paragraph 1

Insert: [From U.S. Coast Pilot 6, 30th Edition, Chapter 10] 1.1 Caution. — A special use airspace, bounded by the following coordinates, 1.2 45°17'00"N., 83°00'00"W.;

- 1.3 45°20′24″N., 83°31′18″W.;
- 1.4 *44°31′00″N.*, *83°19′54″W.*;
- 1.5 44°27'42"N., 83°47'08"W.;

1.6 is used periodically for air to air gunnery practice from the surface to an altitude of 45,000 feet [13,720 m] from sunrise to sunset. The using agency is the Commander, Permanent Field Training Site Detachment, Phelps-Collins ANGB, Alpena, Mich., and the controlling agency is Minneapolis ARTC Center, Federal Aviation Administration.

(C2001-018.1)

Insert: [Fr 2.1 bou 2.2 2.3 2.4 2.5 2.6 pra 45, usin Tra Alp Min	inded by the following coordinates, 45°17'00"N., 83°00'00"W.; 45°20'24"N., 83°31'18"W.; 44°31'00"N., 83°19'54"W.; 44°27'42"N., 83°47'08"W.; is used periodically for air to air gunnery ctice from the surface to an altitude of 000 feet [13,720 m] from sunrise to sunset. The 1g agency is the Commander, Permanent Field ining Site Detachment, Phelps-Collins ANGB, ena, Mich., and the controlling agency is meapolis ARTC Center, Federal Aviation	
Adı	ninistration.	(C2001-018.2)
CEN 306 — Georgia	n Bay, First Edition, 1998 —	
	Paragraph 115, line 3 – after " Inlet " oute is marked by buoys .	(C2001-014.1)
	Paragraph 116, lines 7 to 10 e channel from" to end of paragraph.	(C2001-014.2)
Insert: 191.1	After paragraph 191 Submerged cables , power and telephone, ass Collins Bay and Loon Bay.	(C2001-015.1)
Insert: 125.1	After paragraph 125 Scarecrow Island light buoy DE (972.8) 0.2 mile SW of Scarecrow Island Bank.	(C2001-015.2)
	Paragraph 225, lines 2 and 3 feet (10.4 m) 26 feet (7.9 m)" 30 feet (9.1 m) from a cylindrical mast, 18 feet (5.5 m)	
	(5.5 m)	(C2001-015.3)
Insert: 68.1	After paragraph 68 Milo Rock , 0.4 mile NW of Oak Island, is ked by a buoy .	(C2001-014.3)
Insert: and	Paragraph 110, line 3 – after "shores" a shallow spit, marked by a buoy , extends from NE corner	(C2001-015.4)
	Paragraph 118, line 3 – after "islet." e is a buoy 170 feet (52 m) east of the beacon.	(C2001-015.5)

Page 137 — INDEX, "Milo Rock" Change to: Milo Rock, *59, 105*

Change to: Milo Rock, 59, 105	(C2001-014.4)
CEN 307 — North Channel of Lake Huron, First Edition, 2000 —	
Page 12 — After paragraph 169 Insert: 169.1 A submerged water intake extends 0.25 mile from the south shore 2 miles west of the bridge; the crib at the outer end is marked by a privately maintained buoy .	(C2001-005.1)
Great Slave Lake and Mackenzie River, Seventh Edition, 1989 —	
Page ix — Right hand column, lines 17 to 21 Delete: "Director, Hydrography" to end of paragraph. Replace by: Dominion Hydrographer, Canadian Hydrographic Service, Ottawa, Ontario K1A 0E6.	(C2001-024.1)
Page 2 — Paragraph 13, lines 4 to 6 Delete: "are broadcast notices for"	
Replace by: and for	(C2001-024.2)
Page 2 — Paragraph 13, lines 8 and 9 Delete: "radio station and Inuvik" Replace by: Inuvik MCTS Centre	(C2001-024.3)
Page 8 — Paragraph 79, lines 9 and 12Delete: Fort Simpson61°45'N., 121°14'W.Delete: Norman Wells65°17'N., 126°48'W.	(C2001-024.4)
Page 15 — Delete paragraphs 145 to 155.	(C2001-025.1)
Page 38 — Paragraph 21, line 2 Delete: NE Replace by: NW	(C2001-025.2)
Page 39 — Paragraph 44, line 4 Page 44 — Paragraph 129, lines 3 and 4 Page 47 — Paragraph 50, lines 2 and 3 Delete: fitted with a radar reflector	(C2001-025.3)
Page 41 — Paragraph 83, line 4 Delete: Bay Replace by: Island	(C2001-025.4)

 Page 42 — After paragraph 91 Insert: 91.1 Mooring buoys. — There are two privately maintained mooring buoys in the bay on the SW side of Jolliffe Island. 	(C2001-010-1)
	(C2001-010.1)
Page 46 — Paragraph 19, line 3 Delete: SW	
Replace by: SE	(C2001-025.5)
Page 50 — Delete paragraph 96.1 as promulgated in Bi-weekly Edition No. 10/94.	(C2001-025.6)
Page 52 — Top of left column	
Delete: Chart 6341.	
	(C2001-025.7)
Page 73 — Paragraph 24, lines 6 and 7	
Page 73 — Paragraph 28, lines 7 and 8	
Page 74 — Paragraph 44, line 5 Page 79 — Paragraph 100, lines 5 and 6	
Page 81 — Paragraph 137, line 6	
Page 83 — Paragraph 160, line 3	
Page 86 — Paragraph 189, line 5	
Page 91 — Paragraph 2, lines 7 and 8	
Page 95 — Paragraph 55, line 5	
Page 97 — Paragraph 81, lines 5 and 6	
Delete: Fort Simpson radio	
Replace by: Inuvik MCTS Centre	
	(C2001-022.1)
Page 74 — Paragraph 37, lines 3 and 4	
Page 75 — Paragraph 62, lines 2 and 3	
Page 75 — Paragraph 63, lines 2 and 3	
Page 80 — Paragraph 113, line 3	
Page 80 — Paragraph 114, lines 2 and 3	
Page 80 — Paragraph 115, line 3	
Delete: fitted with a radar reflector	
	(C2001-023.1)
Page 74 — Paragraph 45, lines 2 and 3	
Delete: "8.1) range at Mile 4.2,"	
Replace by: 4.4) range lights (L.L. Nos. 1717, 1718)	
	(C2001-023.2)
$P_{aga} = 80$ After paragraph 126	
Page 80 — After paragraph 126 Add: 126.1 There is a tie-up marker on the east bank	
0.25 mile west of White Man's Point.	
6.25 mile west of white blan 5 font.	(C2001-023.3)
Dece 91 After performent 109	
Page 81 — After paragraph 128 Insert: <i>Supplement to Chart 6455.</i>	
moere supprement to cruch orss.	(C2001-023.4)

Page 83 — Paragraph 146, line 2 Delete: SE Replace by: SW

Replace by: SW	(C2001-023.5)
Page 91 — Paragraph 6, line 7 Page 103 — Paragraph 139, line 5 Page 107 — Paragraph 198, line 5 Page 114 — Paragraph 31, line 7 Page 114 — Paragraph 34, line 7 Page 120 — Paragraph 148, lines 5 and 6 Page 125 — Paragraph 161, line 6 Page 127 — Paragraph 175, line 6 Delete: Norman Wells radio Replace by: Inuvik MCTS Centre	
Replace by. Indvik We 15 centre	(C2001-022.2)
Page 137 — Paragraph 18, line 8 Delete: Coast Guard Radio Replace by: MCTS Centre	(C2001-022.3)
Page 138 Performent 33 line 2	(C2001-022.3)
Page 138 — Paragraph 33, line 2 Page 139 — Paragraph 44, line 2 Page 139 — Paragraph 47, line 2 Page 139 — Paragraph 49, line 2 Page 139 — Paragraph 52, line 2 Page 139 — Paragraph 54, line 2 Page 141 — Paragraph 69, line 2 Page 141 — Paragraph 77, line 2 Page 143 — Paragraph 116, line 2 Page 143 — Paragraph 118, line 2 Page 143 — Paragraph 122, line 5 Page 148 — Paragraph 175, line 8 Delete: Coast Guard Radio Replace by: MCTS Centre Page 138 — Paragraph 39, line 15	(C2001-011.1)
Delete: close east Replace by: 2 miles SSE	(C2001-011.2)
Page 139 — Paragraph 57, line 2 Delete: a starboard hand daybeacon Replace by: two starboard hand daybeacons	(C2001-011.3)
 Page 142 — Delete paragraphs 87 to 97 Replace by: 87 Caution. — Due to changing conditions of the river, aids to navigation may be moved to indicate the best channel. For this reason, the aids may not be as shown on the chart. 	(C2001 012 1)
	(C2001-012.1)

	Page 143 — Delete paragraphs 105 to 114 Replace by: 105 Caution . — Due to changing conditions of the river, aids to navigation may be moved to indicate the best channel. For this reason, the aids may not be as	
	shown on the chart.	(C2001-012.2)
	 Page 144 — Delete paragraphs 126 to 130 Replace by: 126 Caution. — Due to changing conditions of the river, aids to navigation may be moved to indicate the best channel. For this reason, the aids may not be as shown on the chart. 127 The upstream direction for buoyage in Oniak Channel is the direction from East Channel towards Middle Channel; in Luker Channel it is the direction from Middle Channel. 	(C2001-012.3)
		(C2001-012.3)
	Page 149 — Paragraph 212 Delete: SW	
	Replace by: SE	(C2001-021.1)
	Page 149 — Delete paragraph 215.	(C2001-021.2)
	Page 150 — Paragraph 220, line 6 Page 152 — Paragraph 268, line 2 Delete: Coast Guard Radio	
	Replace by: MCTS Centre	(C2001-021.3)
	Page 150 — Paragraph 223, lines 4 and 5 Delete: fitted with a radar reflector	(C2001-021.4)
	Page 151 — Paragraph 240, line 2 Delete: NNW	()
	Replace by: NNE	(C2001-021.5)
	Page 155 — Paragraph 308, line 4 Delete: channel north Replace by: channel south	(C2001-021.6)
Rideau '	Waterway and Ottawa River, Second Edition —	
	Chapter VIII — Paragraph 17, last line – REPRINT (1995) ONLY Add: The ferry mobile ramp is located below the wharf.	(C2001-026.1)
	Chapter VIII — Paragraph 117, lines 4 and 5 Delete: 57 feet (17.4 m) Panlean by 28 feet (8.5 m)	
	Replace by: 28 feet (8.5 m)	(C2001-013.1)

Chapter VIII — Paragraph 117, line 8 Delete: 74 feet (22.6 m) Replace by: 41 feet (12.5 m)

(C2001-013.2)

Lake Nipissing, First Edition, 1987 —

Page 34 — Paragraph 84, line 1 – after "(The Narrows)" (Re: Correction promulgated in Monthly Edition 9/2000) Insert: Sector

(C2001-007.1)

No.	Name	Position Latitude N. Longitude W.		Light acteristics	He in ab	ocal ight m. ove ater	Nomi- nal Range	Description Height in meters above ground	Remarks Fog Signals
NEWF	OUNDLAND								
146.9	Flat Island South cardinal light buoy QUF	47 39 00 58 07 09	VQ(6) + LFI	W	10s			Yellow and black, marked "QUF".	Year round. Chart:4634 Edn 03/01 (N99-096)
499.1	Cape St. Francis North cardinal light buoy MSF	47 48 44.5 52 46 01	Q	W	1s			Black and yellow, marked "MSF".	Seasonal. Chart:4847 Edn 03/01
ATLA	NTIC								
31 H4169	North Head Harbour								Delete from List. Chart:4342 Edn 03/01 (F00-196)
110.2	Courtenay Bay	45 16 22.9	F	R		1.4	5	On 10-pile dolphin.	Year round.
	Dock 1	66 02 21.9							Chart:4117 Edn 03/01 (F00-155)
1526 H123	Blanc-Sablon wharf	Outer end of wharf. 51 24 54.2 57 08 59.2	FI	W e	6s	10.1	9	Square mast. 7.6	Flash 1 s; eclipse 5 s. Year round. Operates at night only.
									Chart:4980 Edn 03/01 (L00-247)
1563 H1906	Rochers au Cormoran	On Rochers au Cormoran. 50 09 45.2 60 03 41.6	FI	W	15s	24.1	15	Square skeleton tower. 13.7	Flash every 15 s. Seasonal. Operates at night only.
									Chart:4440 Edn 03/01 (L00-202)
1714 H2052	Anse du Moulin Entrance range	Near W. end of berthing basin. 49 14 51.3 68 08 17.2	lso	R 3	3s	34.1		On tank, fluorescent orange square daymark, white vertical stripe.	Year round. Horn - Blast 4s; sil. 30s. Operated by Co. ships when required.
1715 H2052.1		239°17' 182.2m from front.	lso	R 6	ŝs	59.6		On concrete base, fluorescent orange square daymark, white vertical stripe.	Year round. Maintained by Société Canadienne de Métaux Reynolds.
								Sulpe.	Chart:1226 Edn 03/01 (L01-019)
2286 H2456	Courbe Bellmouth	45 55 12.9 73 12 31.1	F	R		22.1	15	White skeleton tower, fluorescent red and white rectangular daymark.	Visible on a bearing of 024°47'. Emergency light. Seasonal.
								11.9	Chart:1311 Edn 03/01 (L01-006)

Edn 03/01 (L01-006)

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								
2359 H2496	N. of Longue-Poir		F G	14.1	17	White cylindrical tower, fluorescent orange daymark.	Visible in line of range. Emergency light. Year round.	
	Tétreauville range		F W	14.1	6	5.8	Visible from 205° through W. to 340°.	
2360 H2496.1		204°50' 629.8m from front.	F G	30.2	17	White cylindrical tower, fluorescent orange daymark, black vertical stripe. 20.1	Emergency light. Visible in line of range. Year round. Chart:1310	
							Edn 03/01 (L00-180)	
Inland LL 2507	Tuktoyaktuk Island	On island. 69 27 24 132 59 54.9	F G	15.8		Tripod tower, orange daymark, white vertical stripe.	Seasonal.	
	Racon(C) X & S Band					6.1		
Inland LL 2508		144°30' 114.3m from front.	F G	21.9		Tripod tower, orange daymark, white vertical	Seasonal.	
						stripe. 12.2	Chart:7685 Edn 03/01	
Inland LL	Moose River Approach light						Delete from List.	
2625	buoy M						Chart:5860 Edn 03/01 (D01-001)	
Inland LL	Ship Sands Island light buoy M6						Delete from List.	
2627							Chart:5860 Edn 03/01 (D01-002)	
Inland LL 2628	Moose River East Bar light buoy M5						Delete from List. Chart:5860	
2020							Edn 03/01 (D01-003)	
	D WATERS							
31	Beauharnois Anchorage light buoy A	45 20 22.9 73 54 19.4	FIY4	s		Yellow, marked "BEA A".	Winter spar. Year round.	
	-						Chart:1410 Edn 03/01 (L01-033)	
32	Beauharnois Anchorage light buoy B	45 19 58.9 73 54 55.3	FI Y 45	s		Yellow, marked "BEA B".	Winter spar. Year round.	
	budy D						Chart:1410 Edn 03/01 (L01-033)	
90	Light buoy D8	45 13 41.5 74 13 33.3	FIR 4	s		Red, marked "D8".	Winter spar. Seasonal.	
							Chart:1412 Edn 03/01 (B00-017)	
448.6	Picton Harbour light buoy QP13	44 00 47.3 77 08 01.7	FI G 4	s		Green, marked "QP13".	Seasonal.	
	J J J						Chart:2006 Edn 03/01 (B00-009)	
505.8	Frenchman's Bay Approach light						Delete from List.	
	buoy F						Chart:2077 Edn 03/01 (B00-005)	

No.	Name	Position Latitude N. Longitude W.	Light Characteristics		Heig in r abo	Focal Height in m. above water		Description Height in meters above ground	Remarks Fog Signals
<u>INLAN</u>	ID WATERS								
651	Light D51								Delete from List.
									Chart:14853(U.S.) Edn 03/01 (B00-008)
674	Light buoy D73								Delete from List.
									Chart:14853(U.S.) Edn 03/01 (B00-007)
796	Lyal Island	On W. side of island. 44 57 03	FI	W	4s	15.8	6	Square skeleton tower, red and white rectangular	Seasonal.
		81 25 07						daymark. 13.5	Chart:2292 Edn 03/01 (D01-021)
901	Red Rock (Go Home Bay)	On summit of rock, entrance to Go	FI	W	4s	9.2		White cylindrical tower, red upper and lower	Seasonal.
		Home Bay. 44 58 12.9 79 57 39.4						portions. 5.5	Chart:2202 Edn 03/01 (D00-027)
972.8	Scarecrow Island	45 53 48	FI	R	4s			Red, marked "DE2".	
	light buoy DE2	81 23 02							Chart:2245 Edn 03/01 (D01-017)
1135	Mission Channel	48 21 14 89 10 34	FI	R	4s			Red, marked "AA4".	Seasonal.
	Approach light buoy AA4	89 10 34							Chart:2314 Edn 03/01 (D01-014)
1227		On NE. pier of canal.	Iso	G	1s	8.5	13	White cylindrical tower, fluorescent orange	Operates at night only. Seasonal.
	Sainte-Anne-de- Bellevue range	45 24 19.4 73 57 27.4						daymark.	
1228		128° 121.9m from	Iso	G	1s	12.4	13	White cylindrical tower, fluorescent orange daymark.	Operates at night only. Seasonal.
								uaymain.	Chart:1510 Edn 03/01
1412	Raynor Shoal	1							Delete from List.
									Chart:6023 Edn 03/01 (D01-018)
1412.1	Raynor Shoal light buoy AC1	45 15 34 78 58 19	FI	G	4s			Green, marked "AC1".	Seasonal.
									Chart:6023
		1							Edn. 03/01 (D01-019)
1424	South East Bay								Delete from List.
	(The Narrows) range								
1425	-								Chart:6035 Edn 03/01 (D00-046, 168)
1424	Southeast Bay sector	46 11 48.2 79 25 19.9	Oc	R W G	10s	9.4		White tower, orange vertical stripe. 8.7	Red from 103° to 111 $\frac{1}{2}$ °; white from 111 $\frac{1}{2}$ ° to 115 $\frac{1}{2}$ °; green from 115 $\frac{1}{2}$ ° to 123°. Visible over an arc of 020°. Seasonal.
									Chart-6035

Chart:6035 Edn 03/01 (D01-005)

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									
1564	Red River Mouth light buoy X	50 25 32 96 49 30	Mo(A)	W			Red and white vertical stripes, fluorescent orange top, marked "X".	Year round.	
								Chart:6242 Edn 03/01 (D00-083)	
2507	Tuktoyaktuk Island range	On island. 69 27 24 132 59 54.9	F	G	15.8		Tripod tower, orange daymark, white vertical stripe. 6.1	Seasonal.	
	Racon(C) X & S Band								
2508		144°30' 114.3m from front.	F	G	21.9		Tripod tower, orange daymark, white vertical stripe.	Seasonal.	
							12.2	Chart:7685 Edn 03/01	
2518	Atkinson Point	69 56 46.7 131 26 59.3	FI	W 4s	s 22.6		Tower.	Radar reflector. Seasonal.	
	Racon (K) X Band							Chart:7663 Edn 03/01 (A00-028)	
2625	Moose River Approach light							Delete from List.	
	buoy M							Chart:5860 Edn 03/01 (D01-001)	
2627	Ship Sands Island light buoy M6							Delete from List.	
								Chart:5860 Edn 03/01 (D01-002)	
2628	Moose River East Bar light buoy M5							Delete from List.	
	5 · · · · · · · ·							Chart:5860 Edn 03/01 (D01-003)	

CANADIAN COAST GUARD MARINE INFORMATION REPORT AND SUGGESTION SHEET

Navigating Officer or Observer:	Captain:							
Ship (<i>or address</i>)								
If Merchant Vessel add Line or Compa	any with Head Office address:							
General locality:								
Subject:								
Approx. position:	Lat.		Long					
Chart No. used to plot:	(Corrected to N/M No.	of 2000)	-	Publications				
affected: (Quote Volume and page)								
* Full details (Attach additional sheets as necessary)								
Time (UTC)	Date							

INSTRUCTIONS:

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 and should be confirmed in writing to:

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

Dominion Hydrographer Canadian Hydrographic Service Department of Fisheries and Oceans Ottawa, Ontario, K1A 0E6 In the case of information Canadian navigational aids or the List Department of Lights, Buoys and Fog Signals.

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

OR