



NOTICES TO MARINERS

EASTERN EDITION

Published monthly by the



CANADIAN COAST GUARD

CONTENTS

	Page
Section 1 Safety and General Information	1 – 21
Section 2 Chart Corrections	22 – 33
Section 3 Radio Aids to Marine Navigation Corrections	NIL
Section 4 Sailing Directions and Small Craft Guide Corrections	34 – 44
Section 5 Light List Corrections	45 – 52

Marine Programs Directorate
Aids to Navigation



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*.

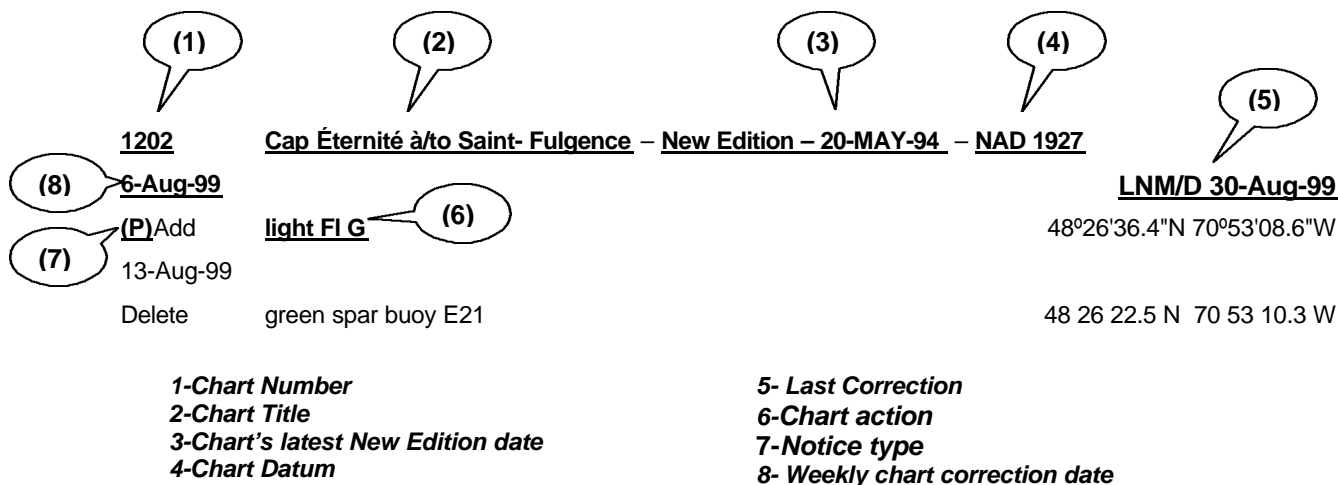
NOTE: Cette publication est aussi disponible en français.

NEWSLETTER NOTICE TO USERS

In our quest to improve our service to our clients, we are implementing the following changes to the Monthly Edition of Notices to Mariners at the start of the new millennium.

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 / Date**. This number is expressed in either old notice number format (ex.: 594/99) or in day-month-year format which is the date known as the weekly chart correction date shown in the above diagram as item (8).

UPCOMING NEW FEATURES

Activity Reports

A Regional Activity Report will be compiled detailing marine aid activities that have not yet been incorporated on charts or related nautical publications. These activity reports will be updated on a monthly basis and are to be used as a reference tool only and should not differ you from using caution when navigating in these areas. Charts and nautical publications will be updated to reflect the changes mentioned in the activity reports as expeditiously as possible.

Paper Mailing List

A renewal subscription address card will be mailed out through the Monthly Edition.

Notices to Mariner Internet Site - notmar.com

Publications

As an Internet user you now have access to all the Notices to Mariners publications free of cost. All volumes of the List of Lights, Buoys & Fog Signals as well as the Annual Edition of Notices to Mariners are kept-up-to date on a Monthly basis.

Chart User Profile

Users can set up a 'user profile' account on the site to receive Notices to Mariners chart correction changes via e-mail.

Weekly Posting of Chart Corrections

Chart corrections will soon be posted to the Internet Site on a weekly basis.

We will keep you posted in future Newsletters on the implementation of these new features.

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

St. John's MCTS Centre
Phone: (709) 772-2083
Fax: (709) 772-6285

Maritimes

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: ROCWeb@mar.dfo-mpo.gc.ca

Laurentian

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

Central & Arctic

Sarnia MCTS Centre
Toll Free in Ontario 1-800-265-0237
Phone: (519) 337-6360
Fax: (519) 337-2498

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: RMIC-Pacific@pac.dfo-mpo.gc.ca
Notice to Shipping information
<http://www.pacific.ccg-gcc.gc.ca/epages/mcts/notship/notosh.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

Station Name	Id. Nos of reference stations	DGPS Station ID	Geog. Position		Frequency [khz]	Bit/s
			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
St.-Jean-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
Warton, 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'utilisateur

Vessel name / Nom du navire: _____ Destination: _____

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 stations DGPS?: Yes/ Oui ___No / Non___

Comments / Commentaires: _____

Point of contact / Personne-ressource: Name/ Nom: _____
Phone / Téléphone : _____

Weather conditions / Conditions météo

Winds / Vents : Direction: _____ Speed / Vitesse: _____ KTS

Temp. °C: _____ VIS: _____ N.M.

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 indispensables sur l'équipement à remplir:

User equipment informations / Renseignements sur l'équipement

GPS receiver / Récepteur GPS: Make / Fabricant: _____ Model: _____

DGPS beacon receiver / Démodulateur DGPS: Make / Fabricant : _____ Model: _____

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 / Fabricant: _____ Model: _____

Radar image interfaced / Image radar intégrée?: Yes / Oui: _____ No / Non: _____

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

Canada

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 de 1 à 10
- SVCEI / ECDIS** : Electronic Chart Display and Information System / Système de Visualisation de Cartes
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 APRIL 1, 1997.

MEASURES
1) Privatization of aids systems in pleasure craft channels and/or conversion of some lighted buoys to unlighted buoys and removal of some aids in pleasure craft channels.
2) Privatization of aids systems in inadequately and uncharted waters and where there is a low volume of users.
3) Aids to navigation systems in Saint-John and Yarmouth Harbours will be restructured to meet national standards.
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 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 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
3- 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 Navigation 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

GREAT LAKES - Water levels.

The Canadian Coast Guard is reviewing the various Aids to Navigation systems to develop contingency plans should water levels in Lake Superior, Lake Huron and Georgian Bay significantly drop below chart datum.

Changes to the Aids to Navigation in both small craft and commercial channels may be necessary. The changes may incorporate one or more of the following.

- Temporary repositioning of buoys
- Temporary addition of buoys
- Temporary removal of ranges
- Temporary narrowing of channels
- Temporary re-routing of channels and removal of buoys

Necessary changes to the Aids to Navigation will take place at or as near to the opening of the 2000 navigation season as possible.

Areas of concern currently identified in the small craft channels between Port Severn, Little Current and the North Channel are:

- | | |
|--------------------------|-----------------------------|
| 1) Potato Island Channel | 2) Quarry Island |
| 3) Big Dog Channel | 4) Big David Bay Range Line |
| 5) Starvation Bay | 6) Seven Mile Narrows |
| 7) Shebeshekong Channel | 8) Shoal Narrows |
| 9) Hangdog | 10) Norgate |
| 11) Cunninghams Channel | 12) Rogers Cut |
| 13) Parting channel | 14) Beaverstone Bay |
| 15) Lansdowne Channel | |

Specific sites and details of the changes will be broadcast as they are reviewed and identified. Depending on the priority some changes may be made with limited advance notice.

All changes will be broadcast through Notices to Shipping.

Temporary placement of signage in areas of concern may be considered.

Mariners are invited to voice any concerns through their nearest Coast Guard Radio Station or directly to:

Randy Childerhose or Mike Phillips - Parry Sound - (705) 746-2196
Steve Lear or Chuck Lemaire - Prescott - (613) 925-2865
Al Dion - Regional Superintendent - Sarnia - (519) 383-1859

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) 990-3037
Facsimile - (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) _____

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INDEX

CANADA - Public Port and Public Port Facility Regulations.	7
CANADIAN HYDROGRAPHIC SERVICE - Chart corrections.	7
- Charts.	5
- Current chart edition dates.	8
- Electronic Navigation Charts.	18
- List of hand-corrected charts.	20
- List of charts not hand-corrected.	21
- Raster Electronic Navigation Charts.	6
NOTICE TO MARINERS USER SURVEY	1

NUMERICAL INDEX OF CANADIAN CHARTS AFFECTED

Chart No.	Page	Chart No.	Page	Chart No.	Page
1203	22	L/C 4451	25	6217	32
1220	22	4459	26	6218	33
1230	22	4702	26	6240	33
1233	22	L/C 4841	26	6242	33
L/C 1236	22	L/C 4846	27	6251	5, 33
1316	22	L/C 4847	27	6286	33
1317	23	L/C 4850	27	L/C 8005	33
1409	23	4854	27		
1410	23	4865	27		
2024	23	L/C 4951	27		
2042	23	L/C4952	27		
2043	24	5048	5		
2067	24	5051	28		
2069	5	5052	28		
2202	24	6021	28		
L/C 2228	24	6023	28		
2293	24	6100	29		
2318	25	6101	5		
L/C 4023	25	6105	29		
4142	25	6106	29		
4201	5	6109	30		
4203	5	6110	30		
4211	25	6111	31		
L/C 4237	5	6112	31		
L/C 4240	25	6201	31		
4244	25	6206	5		
4379	25	6212	31		
L/C 4406	25	6214	31		

NOTICE TO MARINERS USER SURVEY

FELLOW MARINERS

TELL US HOW WE CAN HELP YOU

INTERNET GIVES US THE OPPORTUNITY TO TAILOR THE NOTMAR SITE TO SUIT THE NEEDS OF OUR USERS. THIS USER SURVEY IS YOUR WINDOW TO THE FUTURE. IT IS IMPORTANT FOR US TO GET YOUR FEEDBACK TO ENABLE US TO EXPAND OUR SERVICES TO ACCOMMODATE YOUR REQUIREMENTS BY TAKING FULL ADVANTAGE OF NEW TECHNOLOGY.

NOW COME ON BOARD AND SAIL THROUGH OUR USER SURVEY

INSTRUCTIONS

This questionnaire is divided into three parts:

- Statistical Information
- On Line (Internet) Access
- Future - Hard Copy (paper version) Access

You will find discreet closed questions, multiple-choice options and open-ended text based questions.

1. STATISTICAL INFORMATION

We would like to begin by collecting some basic information about yourself and your use of the Notices to Mariners information. The information in this section will enable us to confirm that respondents to the survey constitute a representative sample of the marine community. All information will be treated as strictly confidential and will not be released to any other persons.

Please provide us with the following information about yourself or your organization.

Name:	
Address:	
City, Province/State:	
Country:	
E-Mail:	

1.1 Which of the following best describes you as a person within the marine community?

<input type="checkbox"/>	Commercial user
<input type="checkbox"/>	Pleasure craft operator
<input type="checkbox"/>	General public
<input type="checkbox"/>	State/Military
<input type="checkbox"/>	Other

SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION

2. ON LINE (INTERNET) ACCESS

2.1 Have you ever visited the notmar.com web site?

- Yes
 No (If No, please jump to question # 2.11)

2.2 If so, how often do you visit our site?

- Daily
 Weekly
 Monthly
 Seasonally
 Other

2.3 How did you hear about the site?

- Stumbled upon while surfing the Internet
 Word of mouth
 Advertising on the Notices to Mariners (paper version)
 Other

2.4 Which publication format offered on the site do you prefer to use?

- Hypertext Markup Language (HTML)
 Adobe Acrobat files (.pdf)
 MSWord files (.doc)

2.5 Which services on the site do you use?

- Monthly Notices to Mariners
 List of Lights, Buoys and Fog Signals
 Annual Notices to Mariners
 Other

2.6 What do you like most about our site?

- Easy to find what you're looking for
 The site contains useful information
 Downloading information is fast and reliable
 Site is always available
 Hot Links
 Other

2.7 What do you like least about our site?

- Difficult to find what you're looking for
 Information on the site is not useful
 Downloading information is difficult and unreliable
 Not enough links to other resources
 Graphics, Adobe Acrobat format, etc., are not accessible on my equipment
 Other

2.8 Do you use of the “Notmar Search” database feature which is located on the button bar of the site ?

- Yes
 No

SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION

2.9 Do you use the “*User Profile*” feature that allows you to automatically receive future notices (via e-mail) which affect your charts?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

2.10 Would you recommend our site to others?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No (If no, please explain)

2.11 What do you think of the following new features which will be introduced to the site in the near future?

- Notices to Mariners notices being posted on a weekly basis versus monthly

Comments

- Chart patches affecting notices being posted onto the site

Comments

2.12 Do you have Internet access?

<input type="checkbox"/>	No
<input type="checkbox"/>	Yes (If Yes, please specify)

Please give any suggestions on how to improve any aspect of the site.

3. FUTURE - HARD COPY (PAPER VERSION) ACCESS

3.1 Which medium do you use to obtain the “Monthly Notices to Mariners” publications?

<input type="checkbox"/>	Electronic version (Internet)
<input type="checkbox"/>	Paper version
<input type="checkbox"/>	both

3.2 If you are using *both* methods (See # 3.1) which one do you prefer and why?

3.3 How do you have access to the internet?

<input type="checkbox"/>	Direct Access (Home, office)
<input type="checkbox"/>	Other (Relatives, friends, library, marinas)
<input type="checkbox"/>	No internet access

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

3.4 Is it necessary for you to receive the “Monthly Notices to Mariners” via Canada Post? (The Internet version is considered an official document.)

<input type="checkbox"/>	No
<input type="checkbox"/>	Yes (If yes, why?)

3.5 If you still require the paper version of the “Monthly Notices to Mariners”, how much of an annual subscription fee would you be willing to pay to continue receiving it via Canada Post? (Please note that printing and postal costs average about \$300,000.00 annually. The Internet version can be produced at an annual cost to taxpayers of about \$1,200.)

<input type="checkbox"/>	\$50 - \$75
<input type="checkbox"/>	\$75 - \$100
<input type="checkbox"/>	\$100 - \$125

3.6 Knowing that the Internet version is considered an official document, how soon would you consider using this medium exclusively (no further paper distribution)?

<input type="checkbox"/>	Within 1 year
<input type="checkbox"/>	Within 18 months
<input type="checkbox"/>	Within 24 months
<input type="checkbox"/>	Never

General Comments:

Thank you for taking the time to complete this survey.

Please forward this survey to the following address:

Superintendent, Information and Publications
Aids to Navigation
Marine Programs
Canadian Coast Guard
Fisheries & Oceans Canada
Ottawa, Ontario
K1A 0E6

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

CANADIAN HYDROGRAPHIC SERVICE - Charts.

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
New Editions.					
2069	Picton to/à Presqu'île Bay	1:60 588	19 May 2000	3	\$20.00
	NOTE: This New Edition incorporates and Cancels Notices to Mariners 650(P)/95, 1125(P)/98, 1938(P)/99, 2000-03-31(T). Notice to Mariners 747(P)/96 is included in this New Edition and Notice to Mariners 602(P)/96 still affects this New Edition.				
4201	Halifax Harbour - Bedford Basin	1:10 000	11 Aug 2000	1	"
	NOTE: This New Edition cancels Notice to Mariners 820 (T)/94				
4203	Halifax Harbour - Black Point to/à Point Pleasant	1:10 000	14 Apr2000	1	"
	NOTE: This New Edition is affected by Notice to Mariners 132(T)/99.				
L/C4237	Approaches to/Approches au Halifax Harbour	1:40 000	02 Jun 2000	1	"
	NOTE: This New Edition incorporates and cancels Notice to Mariners dated 2000-03-31 (P).				
5048	Cape Harrigan to/aux Kidlit Islands	1:60 000	07Jul 2000	1	"
	NOTE: This New Edition incorporates Notice to Mariners 804(P)/93.				
6206	Seven Sisters Falls to/à Slave Falls	1:25 000	15 Sep 2000	3	\$12.00
6251	Red River / Riviere Rouge to/à Gull Harbour	1:100 000	26 May 2000	3	\$20.00
	NOTE: This New Edition is affected by Notices to Mariners dated 2000-06-23 (P).				

Charts Permanently Withdrawn.

CHARTS	MAIN TITLE	ON PUBLICATION OF CHART
6101	Night Hawk Lake	-----

SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION

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

CHARTS	MAIN TITLE	PUBLISHED	PRICE
New Charts.			
1311R/M	Sorel à/to Varennes	05 Nov 1999	See Note 2
2241R/M	Port Severn to/à Christian Island	30 Jul 1999	See Note 2
4115R/M	Passamaquoddy Bay and/et St. Croix River	31 Dec 1999	See Note 2
5003R/M	Hudson Bay (Southern Portion) and James Bay	26 Sep 1969	See Note 2
5406R/M	Cape Tatnam to Port Nelson	15 Aug 1980	See Note 2
5414R/M	Rupert Bay	10 Oct 1980	See Note 2
5476R/M	Harbours and Anchorages, Hudson Bay and James Bay	15 Jun 1973	See Note 2
5510R/M	Povungnituk et les approches/and Approches	11 Jan 1980	See Note 2
5705R/M	Cape Dufferin to/a Broughton Island	12 May 1983	See Note 2
5706R/M	Broughton Island to/a Belanger Island	24 Jun 1983	See Note 2
5707R/M	Belanger Island to/à Long Island	28 Jan 1983	See Note 2
5800R/M	James Bay	22 May 1991	See Note 2
5801R/M	Long Island to Fort George	24 May 1974	See Note 2

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

CANADA - Public Port and Public Port Facility Regulations.

Over the course of the next year, Transport Canada will be preparing the *Public Ports and Port Facilities Regulations* (PPPPFR), Part 1 and Part 3.

Part 1 of the PPPPFR will formally designate certain navigable waters as public ports, within the jurisdiction of Parliament. Part 3 of the PPPPFR will replace the *Government Wharves Regulations* (GWRs) and the *Public Harbour Regulations* (PHRs) and will deal with the control, development, and use of the public ports and public port facilities managed by Transport Canada.

More information on this regulatory initiative can be found on Transport Canada's website at <http://www.tc.gc.ca/PortPrograms/en/Menu.htm>. Comments or questions concerning this initiative should be forwarded to:

Transport Canada
Director
Port Corporations and Port Property
330 Sparks Street
Place de Ville, Tower 'C'
Ottawa, Ontario
K1A 0N5
Facsimile: 613-954-0838

CANADIAN HYDROGRAPHIC SERVICE - Chart corrections.

Please be advised that certain copies of charts, which are not normally corrected from Notices to Mariners by the Canadian Hydrographic Service, have had Notices to Mariners incorporated on the chart prior to distribution to the public. When these charts contain the following two notes:

- (1) "The information contained on this chart has been corrected from Notices to Mariners to the date of publication only. For subsequent corrections, consult the Notices to Mariners or write to Nautical Information, Canadian Hydrographic Service, Department of Fisheries and Oceans, Ottawa, Ontario K1A 0E6. Please state the latest edition date.

Le contenu de cette carte a été corrigé au moyen des Avis aux navigateurs au moment de sa publication seulement. Pour les corrections subséquentes, consulter les Avis aux navigateurs ou écrire à Information nautique, Service hydrographique du Canada, Ministère des pêches et océans, Ottawa (Ontario) K1A 0E6. Veuillez indiquer la date de la dernière édition."

- (2) "NOTICES TO MARINERS / AVIS AUX NAVIGATEURS (Followed by Notice to Mariners Number)"

the note that says:

"NOTICES TO MARINERS / AVIS AUX NAVIGATEURS (Followed by Notice to Mariners Number)"

supercedes the first note.

Subsequent corrections to these charts can be obtained from <http://www.notmar.com>

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

CANADIAN HYDROGRAPHIC SERVICE - Current chart edition dates.

CHART EDITIONS The three terms described below are used to indicate the publication status of Canadian charts.

NEW CHART The first publication of a Canadian chart embracing an area Not previously charted to the scale shown, or embracing an area different from any existing Canadian chart.

NEW EDITION A New issue of an existing chart containing amendments essential to Navigation in addition to those issued in Notices to Mariners and making existing editions obsolete.

REPRINTS A New print of the current edition of a chart incorporating No amendme nts of Navigational significance other than those previously promulgated in Notices to Mariners. It may also contain amendments from other sources provided they are Not essential to Navigation. Previous printings of the current edition remain in force.

The accompanying list is a listing of the dates of current chart editions up to monthly edition 9 of 2000 **(The asterisk indicates changes since Monthly edition 6, 2000)**. Please refer to the Monthly Notices to Mariners for detail.

Chart Number	Category	Edition	Reprint Date	Chart Number	Category	Edition	Reprint Date
1202	NE	10-Sep-99		1509	NC	18-May-90	27-Jun-97
1203	NE	04-Jan-85	10-Feb-95	1510	NE	23-Jan-98	
1209	NE	14-Dec-84	02-Aug-96	1512	NE	03-Aug-84	09-Oct-92
1220	NE	28-Feb-97		1513	NE	07-Jun-96	
1221	NE	23-Apr-99		1514	NC	24-Jul-98	
1223	NE	03-Oct-97		1515	NC	24-Jul-98	
1226	NE	19-Nov-99		1550	NE	05-Jan-96	
1229	NE	31-Dec-76	15-Dec-95	1551	NE	27-Jun-86	
1230	NE	29-Feb-80	10-Feb-89	1552	NE	05-Jun-98	
1233	NE	28-May-99		1553	NC	15-Feb-80	21-Apr-95
L/C1234	NE	24-Jul-98		1554	NE	16-Sep-88	15-Aug-97
L/C1235	NE	31-Mar-00		1555	NC	12-Oct-79	
L/C1236	NE	25-Sep-98		L/C2000	NE	10-Apr-98	
1260	NC	04-Jan-91		2006	NE	31-Mar-00	
1310	NE	24-Mar-00		2007	NE	10-Sep-82	09-Sep-94
1311	NC	05-Nov-99		2011	NC	08-Jul-88	
1312	NE	02-Apr-99		2017	NC	13-Jul-90	
1313	NE	27-Jun-97		2018	NC	22-Jun-90	
1314	NE	04-Sep-98		2021	NE	25-Jun-93	
*1315	NE	19-May-00		2022	NE	02-Aug-96	
1316	NE	26-Feb-99		2023	NE	01-Mar-85	24-Mar-95
1317	NE	15-Jan-99		2024	NE	29-Mar-85	16-Dec-94
1350	NC	06-Jul-84	25-Mar-94	2025	NE	01-Mar-85	28-May-93
1351	NC	21-Sep-84	11-Aug-95	2026	NE	05-Apr-85	15-Dec-95
1361	NE	28-May-76	01-Mar-96	2028	NE	05-Jun-98	
1400	NE	25-Jun-99		2029	NE	20-Mar-87	08-May-92
1409	NE	21-May-99		2042	NE	07-Oct-94	
1410	NE	25-Jun-99		2043	NC	29-Nov-68	26-Mar-82
1411	NE	02-Aug-96		2044	NC	28-Feb-97	
1432	NC	09-Jul-99		2047	NC	07-Apr-95	
1433	NC	28-May-99		2048	NC	11-Oct-91	
1434	NC	01-Mar-96		2049	NC	10-May-85	
1435	NC	15-Dec-95		2050	NC	10-May-85	
1436	NC	15-Jan-93	03-Jan-97	2053	NC	10-May-85	
1437	NC	19-Mar-93	30-May-97	2054	NC	10-May-85	
1438	NE	06-Oct-95		2055	NC	05-Jul-91	
1439	NE	22-Feb-91	07-Feb-97	2058	NE	25-Feb-00	

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition	Reprint Date	Chart Number	Category	Edition	Reprint Date
2059	NC	31-Jul-98		2286	NE	21-Jan-83	25-Aug-95
L/C2060	NE	28-Jun-85	01-Jul-94	2289	NE	16-Oct-87	05-Jun-92
2064	NE	05-Mar-99		2291	NE	31-Mar-00	
2067	NE	01-Nov-85	15-Feb-91	2292	NE	28-Apr-89	05-Apr-96
*2069	NE	19-May-00		2293	NE	11-Jun-65	12-Dec-80
2070	NE	29-Apr-83		2294	NE	25-Feb-00	
2077	NE	23-Apr-99		2297	NE	20-Jan-60	19-Sep-97
2085	NE	18-Feb-00		2298	NE	02-Jul-58	13-Feb-81
2086	NC	09-Jun-89	03-Apr-92	2299	NE	30-Sep-83	30-Jun-95
L/C2100	NE	25-Dec-98		L/C2300	NC	24-Apr-98	
L/C2110	NE	29-May-98		L/C2301	NE	22-Feb-91	
L/C2120	NE	06-Nov-98		L/C2302	NE	02-Aug-85	
L/C2121	NC	18-Dec-87		2303	NE	18-May-55	29-Jun-90
L/C2122	NE	05-Jul-91	05-Apr-96	2304	NE	31-May-57	01-Feb-80
L/C2123	NE	12-Mar-93	04-Apr-97	2305	NE	17-Dec-56	08-Feb-80
2140	NC	16-Sep-88		2306	NE	03-May-57	09-May-75
2165	NC	08-Mar-91		2307	NE	31-Aug-56	11-Mar-77
2181	NE	10-Nov-89		2308	NE	19-Jul-46	21-Apr-78
L/C2200	NE	01-May-87	17-Apr-92	2309	NE	23-Jul-99	
L/C2201	NE	18-Nov-98		2310	NE	03-Jun-46	01-Feb-80
2202	NE	26-Mar-99		2311	NE	23-Apr-99	
*2203	NE	30-Jun-00		2312	NE	13-Nov-87	08-Apr-94
2204	NE	06-May-83	12-Feb-93	2313	NE	21-Jun-57	28-Oct-77
*2205	NE	18-Dec-87	30-Jun-00	2314	NE	23-Apr-99	
2206	NC	27-Jun-97		2315	NE	22-Apr-88	
2218	NC	13-Apr-84		2318	NE	03-Dec-82	
2221	NE	07-Jun-96		2400	NE	29-Jun-90	
2222	NC	13-Apr-84		L/C3000	NE	20-Jan-89	22-Apr-94
2223	NC	13-Apr-84		L/C3001	NE	07-Oct-94	
2225	NE	08-Mar-91	11-Jul-97	L/C3002	NE	16-Dec-94	
2226	NE	22-Nov-91		3050	NE	03-May-96	
L/C2228	NC	16-Feb-90		3052	NE	07-Oct-94	
2235	NE	24-Sep-99		3053	NC	11-Apr-86	02-Feb-90
2241	NC	30-Jul-99		3055	NC	21-Jun-91	
L/C2243	NE	30-Aug-85	08-Apr-94	3056	NC	21-Jun-91	
L/C2244	NE	12-Jun-87	16-Jun-95	3057	NC	21-Jun-91	
L/C2245	NE	06-Jun-86	05-Apr-96	3058	NC	21-Jun-91	
2250	NC	09-May-86		3061	NE	29-Oct-99	
2251	NC	11-Apr-86	26-Jun-92	3062	NC	24-May-85	
2257	NE	02-Nov-84	07-Jun-96	3080	NE	03-Apr-92	
2258	NE	16-Jun-89	05-Apr-96	3311	NE	31-Dec-93	
2259	NE	15-Jun-62	02-Jul-93	3312	NC	31-Jan-86	05-Apr-91
2260	NE	05-Feb-99		3313	NC	28-Jul-95	
2261	NE	13-Jun-86	21-Apr-95	3410	NC	24-Mar-95	
2266	NC	22-Jun-84		3411	NC	24-Mar-95	
2267	NC	22-Jun-84		3415	NE	13-Feb-87	08-Apr-94
2268	NE	31-Mar-89	06-May-94	3419	NC	02-Jul-93	
2273	NC	13-Oct-55	22-Aug-75	3424	NC	24-Jul-87	02-Apr-93
2274	NE	07-Apr-00		3440	NE	25-Dec-98	
L/C2282	NE	07-Jun-96		3441	NE	12-Aug-88	06-Dec-96
2283	NC	30-Jul-99		3442	NE	03-Jun-88	06-Dec-96
L/C2284	NE	27-Oct-89	07-Jun-96	3443	NE	30-Jan-98	

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition	Reprint Date	Chart Number	Category	Edition	Reprint Date
3447	NC	10-Dec-99		L/C3605	NE	06-Mar-98	
3458	NE	10-Mar-95		L/C3606	NE	27-Jul-84	03-Sep-93
3459	NE	24-Oct-97		3623	NE	26-Aug-77	06-Jan-89
L/C3461	NC	06-Jan-84	02-Dec-94	3624	NE	19-Aug-88	22-Apr-94
L/C3462	NE	23-Oct-98		3625	NC	25-Oct-68	10-Mar-89
L/C3463	NE	03-Oct-97		3646	NE	30-Jun-95	
3473	NE	13-Feb-87	04-Dec-92	3647	NE	05-Jul-85	02-Jan-98
3475	NE	27-May-88	02-Jul-93	3651	NE	09-Apr-93	
*3476	NC	31-Aug-84	12-May-00	*3668	NE	7-Apr-00	
3477	NE	03-May-85	08-Sep-89	3670	NE	21-Oct-94	
3478	NE	24-Feb-95		3671	NE	27-Aug-82	03-Jun-94
3481	NE	05-Dec-86	17-Dec-93	3673	NC	01-Dec-95	
3488	NC	21-Oct-94		3674	NC	01-Dec-95	
3489	NC	21-Oct-94		3675	NC	20-Nov-98	
3490	NE	25-Jul-97		3676	NC	20-Nov-98	
3491	NE	05-Jan-96		3679	NC	14-Jun-91	21-Feb-97
3492	NC	27-Jun-97	27-Nov-98	3680	NE	07-Apr-78	26-Apr-91
3493	NE	18-Dec-98		3681	NC	08-Jun-90	
3494	NE	18-Dec-98		3682	NE	05-Jun-87	
3495	NE	18-Dec-98		3683	NE	06-Mar-98	
L/C3512	NE	25-Dec-98		3685	NE	25-Aug-95	
3513	NE	29-Oct-99		3686	NC	08-Apr-88	02-Dec-94
3514	NE	02-Aug-96		3710	NE	04-Jul-86	15-Jun-90
3515	NC	18-Jan-91	03-Jun-94	3711	NE	15-Jun-84	19-Feb-93
3526	NE	24-Feb-95		3717	NE	28-Jul-95	
3527	NE	01-Jan-88	02-Apr-93	3719	NE	17-Apr-61	11-Nov-88
3534	NE	07-May-93		3720	NE	12-Feb-88	03-Sep-93
3535	NE	16-Aug-85	16-Apr-93	3721	NE	26-Aug-94	
3536	NC	21-Apr-78	16-Apr-93	3722	NE	07-Feb-64	04-Sep-87
3537	NC	27-Sep-85	22-Jun-90	3723	NE	29-Jun-84	
3538	NE	27-Nov-92	02-Aug-96	3724	NE	23-May-80	21-Apr-95
3539	NE	04-Aug-89	25-Apr-97	3726	NE	23-May-80	06-Jan-89
3540	NE	22-May-92		3727	NE	29-Jun-62	24-Mar-95
3541	NE	29-Jul-94		3728	NE	05-Feb-82	24-Jan-97
3542	NE	01-Jul-94		3729	NE	06-Mar-98	
3543	NE	27-Nov-92	30-May-97	3730	NC	30-Nov-60	21-Dec-90
3544	NE	25-Sep-87	01-May-98	3733	NC	01-Feb-56	
3545	NC	28-Apr-89	12-Aug-94	3734	NE	09-Jul-76	24-May-91
3546	NC	28-Apr-89	11-Jul-97	3736	NE	31-Aug-90	
3547	NC	28-Apr-89	05-Apr-96	3737	NE	14-Aug-87	21-Apr-95
3548	NE	26-Sep-97		3738	NE	04-Feb-83	24-Mar-95
3549	NC	03-Dec-93	05-Apr-96	3739	NE	03-Feb-84	01-Sep-89
3550	NC	03-Dec-93	02-Jan-98	3740	NE	20-May-77	06-Dec-96
3552	NC	02-Jan-87	02-Apr-93	3741	NE	15-Feb-63	30-Jun-89
3555	NE	27-Jun-86	09-Apr-93	3742	NE	16-Jul-82	02-Aug-96
3559	NC	15-Jun-79	02-Feb-90	3743	NE	25-Mar-77	10-Feb-95
3564	NC	04-Dec-87	08-Sep-95	L/C3744	NE	20-May-88	
3598	NE	14-Aug-87	11-Oct-91	3745	NE	12-Jun-98	
3601	NC	26-Aug-94		3746	NE	12-Aug-77	02-Jul-93
L/C3602	NE	24-May-85	12-Aug-94	3747	NE	16-Sep-77	30-May-97
L/C3603	NE	23-Oct-81	01-Nov-91	3753	NE	30-Apr-59	12-Aug-88
L/C3604	NE	06-Nov-87	13-Jun-97	3761	NE	19-Aug-88	

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition	Reprint Date	Chart Number	Category	Edition	Reprint Date
3772	NE	30-Oct-64	29-Jan-93	3994	NE	20-Jan-89	22-Sep-95
3773	NE	26-Apr-85	06-Dec-96	4000	NE	14-Dec-84	
3781	NE	18-May-59	15-Mar-91	L/C4001	NE	01-Dec-95	
3785	NE	04-Oct-91	12-Jun-98	L/C4002	NE	27-Dec-91	05-Jul-96
3787	NE	29-Jul-77	04-Apr-97	L/C4003	NE	14-Dec-84	29-Jul-94
3794	NE	07-Feb-75	17-Mar-89	L/C4006	NE	14-Dec-84	19-Feb-93
3795	NE	01-May-64	09-Jul-93	L/C4010	NE	18-Nov-83	10-Jul-92
L/C3802	NE	24-Nov-89	07-May-99	L/C4011	NE	31-Oct-97	
3807	NE	05-Feb-99		L/C4012	NE	13-Mar-87	14-Jul-95
3808	NC	30-Mar-62	13-Oct-89	L/C4013	NE	07-Nov-86	03-Jul-92
3809	NE	24-Aug-79	24-Mar-95	L/C4015	NE	24-Jul-92	
3811	NE	06-Dec-63	27-Sep-91	L/C4016	NE	05-May-95	
3825	NE	16-Dec-77	09-Jun-89	L/C4017	NE	16-Jun-95	
L/C3853	NE	02-Mar-90	05-Apr-96	L/C4020	NE	27-Dec-91	
L/C3854	NE	23-Oct-87	23-Apr-93	L/C4021	NE	27-Dec-91	
3855	NE	13-Jan-67	26-Apr-91	L/C4022	NE	27-Dec-91	02-Aug-96
3857	NE	17-Nov-67	10-Jul-87	L/C4023	NE	28-Nov-86	05-Jan-96
3858	NE	28-Jul-67	28-Jul-89	*4024	NE	3-Mar-00	
3859	NE	21-Aug-98		L/C4025	NE	27-Dec-91	
3860	NE	12-Sep-69	05-Jan-90	L/C4026	NE	27-Dec-91	18-Jul-97
3863	NE	25-Apr-80	16-Mar-90	L/C4045	NC	08-Aug-86	
3864	NE	11-May-62	17-Dec-93	4047	NE	09-Oct-98	
3865	NE	01-Nov-55	10-Jul-87	L/C4049	NE	19-May-95	
3868	NE	12-Jul-68	19-Apr-91	L/C4098	NC	21-Sep-84	
3869	NE	28-Nov-86	02-Mar-90	L/C4099	NC	21-Sep-84	
3890	NC	14-Mar-86	07-Apr-95	4114	NC	08-May-92	
3891	NC	08-Sep-89	01-Aug-97	4115	NC	31-Dec-99	
3892	NC	13-Jan-84	03-Jun-94	L/C4116	NC	09-Apr-93	
3893	NC	13-Jan-84		4117	NC	28-Oct-88	
3894	NE	12-Jun-98		L/C4118	NE	13-Nov-98	
3895	NC	15-Jun-84	09-Jun-89	*4124	NE	7-Apr-00	
L/C3902	NE	09-Dec-88	27-Jun-97	4130	NC	30-May-69	17-Dec-76
3909	NC	11-Dec-87	03-Jun-94	4140	NC	07-Jan-72	02-Jul-82
3920	NC	18-Jan-91		4141	NE	01-Nov-96	
3921	NE	15-Dec-95		4142	NE	01-Nov-96	
3927	NE	29-May-98		4145	NE	22-Mar-91	
3931	NC	21-Feb-92		4170	NC	28-Feb-92	
3932	NC	21-Feb-92	12-Jun-98	*4201	NE	11-Aug-00	
3933	NE	20-Jan-89	19-Feb-93	4202	NE	31-Dec-99	
3934	NC	21-Feb-92	02-Jun-95	*4203	NE	14-Apr-00	
3935	NC	28-Jan-00		4209	NC	21-Oct-94	
*3937	NC	7-Jul-00		4210	NC	05-Apr-91	
3940	NC	01-Mar-96		4211	NE	07-Dec-90	02-Jun-95
3955	NC	15-Feb-85	20-May-94	L/C4227	NC	24-May-91	
3956	NE	01-Mar-96		L/C4230	NC	15-Jun-90	26-Jun-98
3957	NE	05-Jun-98		L/C4233	NC	11-Jan-91	
3958	NE	24-Mar-95		L/C4234	NC	10-Apr-87	26-Dec-97
3959	NC	11-Dec-87	03-Jul-92	*4235	NE	28-Apr-00	
3960	NC	13-Aug-93	16-Apr-99	L/C4236	NC	30-Jan-87	28-Jul-95
3962	NE	25-Feb-00		*4237	NE	2-Jun-00	
3963	NC	26-Oct-90	12-Jun-98	L/C4240	NC	06-Oct-89	06-Jun-97
3964	NE	30-Apr-99		L/C4241	NC	01-Dec-89	02-Aug-96

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition	Reprint Date	Chart Number	Category	Edition	Reprint Date
L/C4242	NE	28-Aug-92		4429	NE	04-Jun-93	
L/C4243	NC	20-Jun-86	25-Aug-89	4430	NE	02-Oct-81	21-May-93
4244	NC	21-Feb-86	26-Apr-91	4432	NE	14-Dec-84	15-Jun-90
4245	NE	28-Nov-86	25-Dec-92	4437	NE	17-May-91	
L/C4255	NC	27-Jul-90		4440	NE	18-Jul-80	
4266	NC	29-Sep-89		4443	NC	16-Jun-67	18-Feb-77
4275	NE	23-Dec-83	03-May-96	4445	NC	17-Jun-49	07-Dec-79
4276	NE	25-Jul-97		4446	NC	06-Jan-53	31-Dec-93
4277	NE	17-Apr-98		4447	NE	09-Nov-84	
4278	NE	20-Mar-98		4448	NE	27-Apr-90	
4279	NE	28-Aug-98		4449	NE	03-Jul-98	
4281	NE	20-Feb-87	14-Jul-95	4450	NE	02-Mar-73	13-Nov-87
4306	NE	14-Jun-85	07-Jun-96	L/C4451	NE	27-Mar-87	15-Jul-88
4307	NE	15-Feb-85	13-Nov-92	4452	NE	29-Jul-83	
4308	NE	07-Sep-84	27-Sep-91	4453	NE	17-Dec-82	
L/C4320	NE	26-Sep-97		4454	NE	03-Feb-78	
L/C4321	NE	11-Oct-85	01-Feb-91	4455	NE	10-Sep-76	20-Oct-89
4328	NE	10-Jul-98		4456	NE	19-Dec-80	17-Jun-94
L/C4335	NE	14-Aug-98		4459	NE	25-Jun-99	
4337	NE	03-Jan-86		4460	NE	11-Sep-87	03-May-91
L/C4340	NE	12-Apr-91		L/C4462	NE	28-Jun-85	06-Jun-97
4342	NE	03-Jun-88	26-Apr-91	L/C4463	NE	09-Aug-85	15-Jun-90
L/C4363	NE	01-Nov-85	13-Nov-92	L/C4464	NE	11-Oct-85	15-Jun-90
4365	NE	08-Dec-72	29-Feb-80	4466	NE	17-May-91	01-Mar-96
L/C4367	NE	01-Nov-85	06-Jul-90	4467	NE	21-Mar-69	01-Mar-96
L/C4374	NE	27-Dec-85	26-Mar-93	4468	NE	12-Jul-85	
L/C4375	NE	25-Oct-85	01-Jan-93	4469	NE	08-Nov-85	
4376	NE	02-Oct-87	11-Aug-95	4470	NE	04-Jan-80	
4377	NE	06-Nov-98		4471	NE	11-Feb-77	11-Aug-89
4379	NE	31-Oct-86	14-Feb-92	4472	NE	14-Aug-81	
4381	NE	17-Jan-86	03-May-96	4473	NE	25-Nov-77	
4384	NE	31-Oct-86	13-Aug-93	4474	NE	28-May-99	
L/C4385	NE	07-Jun-96		4483	NE	12-Aug-88	
4386	NE	03-Oct-86	24-Mar-95	L/C4485	NE	26-Sep-97	
4391	NE	21-Feb-92		4486	NE	19-Feb-99	
4394	NE	14-Sep-90		4491	NC	06-May-66	01-Feb-80
4395	NE	25-May-90		4492	NC	04-Feb-66	25-Jul-80
4396	NE	19-Feb-88	30-Jul-93	4497	NE	30-Jul-71	12-Oct-79
4399	NC	03-Apr-42	26-Aug-83	4498	NE	23-Oct-87	03-Nov-95
4402	NE	25-Dec-98		4504	NC	14-Feb-64	23-Jan-76
L/C4403	NE	21-Jun-85	24-Dec-93	4505	NC	14-Feb-64	14-Feb-75
*4404	NE	12-May-00		4506	NC	28-Feb-64	25-Jun-82
L/C4405	NE	12-Jul-85	21-Jul-89	4507	NC	28-Feb-64	30-Jan-76
L/C4406	NE	27-Feb-98		4509	NC	05-Dec-69	21-Jul-78
4416	NE	01-May-98		4510	NC	22-Mar-68	15-Jul-94
4419	NE	12-Aug-88	02-Feb-96	4511	NC	10-Jul-64	17-Oct-80
4420	NE	03-Oct-69	06-Nov-81	4512	NC	30-Oct-64	09-Feb-79
4421	NE	11-Oct-68	23-Mar-79	4514	NE	23-Oct-81	29-Sep-89
4422	NE	10-Oct-69	17-Jun-94	4515	NE	20-Nov-98	
4425	NE	02-May-80	17-Oct-97	4516	NE	02-Nov-62	10-Dec-76
4426	NE	18-Mar-88		4518	NC	18-Oct-51	26-Jan-79
4428	NE	06-Oct-78		4519	NC	13-Oct-51	04-Feb-83

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition	Reprint Date	Chart Number	Category	Edition	Reprint Date
L/C4520	NE	02-Jun-95		4667	NE	08-Oct-65	13-Aug-76
4521	NE	04-Jun-65	08-Sep-78	4668	NC	10-Oct-57	23-Oct-87
4522	NC	15-Jul-59	04-Sep-81	4669	NC	10-Oct-57	29-Mar-85
4523	NC	27-Mar-64	13-Jun-75	4670	NC	10-Oct-57	29-Jul-77
4524	NE	07-Feb-64	15-Aug-80	4679	NE	31-Dec-76	04-Jun-82
4529	NE	30-Sep-88		4680	NC	02-Jan-59	27-Feb-76
4530	NE	11-Mar-83	17-Apr-92	4682	NC	19-Oct-62	01-May-87
4531	NC	24-May-74	14-Mar-97	L/C4700	NE	30-Dec-94	
4538	NE	26-Mar-76		4701	NC	27-Dec-63	23-Oct-81
4540	NC	10-Oct-57	26-Jan-79	4702	NC	17-Jan-64	28-Sep-90
4541	NC	10-Oct-57	03-Oct-80	4703	NE	31-Jan-64	26-Aug-94
4542	NE	09-Sep-66	23-Jan-76	4712	NC	21-Feb-64	01-Feb-74
4582	NC	14-Feb-64	10-Sep-76	4722	NE	27-Feb-87	
4583	NC	16-Jan-61	02-Jul-82	4724	NE	20-May-60	08-Sep-78
4584	NC	02-Jan-59	14-Nov-80	4725	NC	09-Jun-53	28-Aug-81
4585	NC	02-Jan-59	29-Aug-80	4728	NE	16-Jun-95	
4587	NE	04-Sep-87	21-Aug-92	L/C4730	NE	07-Oct-83	17-Oct-97
4591	NC	02-Jan-59	18-Aug-78	L/C4731	NE	16-Dec-94	
4592	NE	03-Jun-83	02-Apr-93	4732	NE	27-Dec-68	22-Feb-80
4593	NC	20-Jan-60	12-Jun-81	4744	NC	22-Feb-63	27-Nov-81
4594	NC	02-Jan-59	14-Feb-92	4745	NC	17-May-63	09-Oct-87
4595	NC	31-Mar-00		4763	NC	01-Feb-63	26-Jul-85
4596	NC	02-Jan-59	09-Jan-81	4764	NC	01-Feb-63	09-Nov-90
4597	NC	02-Jan-59	09-Oct-81	4765	NC	29-Nov-63	26-Apr-85
4615	NE	20-Aug-99		4766	NC	06-Dec-63	05-Apr-96
4616	NE	19-Apr-91	17-Oct-97	4767	NC	06-Dec-63	06-Jul-90
4617	NE	19-May-89	25-Apr-97	4769	NE	19-Sep-75	03-May-85
4619	NE	20-Nov-98		4771	NE	02-Jul-76	29-Jul-83
L/C4622	NE	25-Apr-97		4773	NC	29-Nov-63	29-Dec-78
4624	NE	07-Jan-00		4774	NC	24-Jan-64	19-Mar-82
L/C4625	NE	10-Jan-86	22-Apr-88	L/C4775	NE	09-Sep-83	02-May-97
L/C4626	NE	08-Nov-85	22-Apr-88	L/C4776	NE	08-Jul-83	
4633	NE	24-Apr-87	21-Apr-95	L/C4817	NC	11-Apr-86	
4634	NE	14-Jul-95		4830	NC	14-Feb-86	
4635	NE	24-Jun-83	28-Nov-97	L/C4831	NC	26-Dec-86	
4637	NE	14-Aug-87	19-May-89	L/C4832	NC	02-Oct-87	
4638	NC	20-Sep-55	12-Dec-80	4839	NC	27-Mar-92	
4639	NC	20-Sep-55	12-Dec-80	L/C4841	NC	19-May-89	
4640	NE	27-Aug-99		L/C4842	NE	03-Mar-89	
4641	NE	25-Dec-98		4843	NC	28-Jan-83	
4642	NC	18-Jan-60	31-Mar-78	L/C4844	NC	01-Feb-85	25-Mar-94
4643	NE	03-May-85	15-May-92	L/C4845	NE	12-Sep-97	
4644	NE	25-Jun-99		L/C4846	NE	15-Dec-95	
4652	NE	31-Oct-80		L/C4847	NE	05-Jul-96	
4653	NE	12-Mar-76	24-Mar-95	4848	NC	12-Jun-87	
4654	NC	27-Oct-52	22-Sep-78	4849	NC	30-Dec-88	
4658	NC	08-May-70	15-Feb-80	L/C4850	NC	11-May-90	
4659	NC	10-Oct-57	08-Sep-78	L/C4851	NE	04-Apr-97	
4661	NC	20-Sep-55	23-Jun-89	4852	NC	02-Dec-94	
4663	NC	10-Oct-57	03-Sep-76	4853	NE	30-Jul-99	
4665	NC	10-Oct-57	08-May-81	4854	NC	25-Apr-97	
4666	NC	10-Oct-57	20-Jun-86	4855	NC	06-Jun-97	

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition	Reprint Date	Chart Number	Category	Edition	Reprint Date
4857	NC	29-Oct-99		5349	NC	05-Mar-58	03-Mar-78
4858	NC	25-Dec-98		5351	NC	24-Feb-56	25-Mar-83
4863	NC	29-Jan-99		5352	NE	08-Jul-60	16-May-80
4865	NC	30-Jan-98		5365	NC	26-Sep-69	25-Aug-89
4885	NE	12-Feb-88		5373	NC	15-Feb-85	
4886	NC	26-Dec-97		5374	NC	17-Jan-86	
L/C4905	NC	22-Jul-88	24-Jul-92	5375	NC	28-Feb-86	
L/C4906	NC	18-Mar-88	11-Jun-93	5376	NC	22-Mar-85	
4909	NC	17-Jun-88	01-Mar-96	5390	NC	17-May-68	04-Nov-88
4911	NE	07-May-93		5391	NC	17-May-68	18-Feb-83
4912	NE	04-Jun-93		5396	NC	01-Jun-60	26-Sep-75
L/C4913	NC	07-Aug-92		5397	NC	04-Nov-60	18-Nov-83
4920	NE	18-Sep-98		5398	NE	04-Sep-81	
4921	NE	06-Mar-98		5399	NE	04-Sep-81	
L/C4951	NC	04-Jan-91		5400	NE	19-Dec-60	23-Apr-82
L/C4952	NC	21-Aug-92		5403	NE	04-Feb-87	
4954	NE	20-Jun-97		5405	NC	26-Dec-51	25-Mar-88
4955	NC	15-Feb-91		5406	NC	06-Mar-14	15-Aug-80
4956	NC	23-Nov-90		5410	NE	25-Mar-77	19-Mar-93
4957	NC	13-Jul-90		5411	NE	04-Jun-58	30-Jan-81
4980	NC	03-Jan-92		5412	NE	23-Feb-68	27-Apr-84
L/C5001	NE	04-Nov-94		5414	NE	06-Aug-37	10-Oct-80
5002	NC	25-Jul-75		5427	NC	11-Jun-59	31-Oct-80
5003	NE	26-Sep-69	23-Jul-76	5440	NE	01-Nov-74	06-Feb-81
L/C5023	NC	20-Apr-90		5449	NE	15-Aug-86	
L/C5030	NC	26-Oct-90		5450	NE	22-May-70	29-Jul-77
5031	NC	31-Dec-99		5451	NE	05-Nov-65	22-Mar-85
5042	NC	24-Feb-84		5452	NC	16-Dec-54	05-Feb-82
5043	NE	20-Aug-99		5455	NE	15-Feb-61	15-Dec-78
5044	NE	20-Aug-99		5456	NE	26-May-72	12-Jun-81
5045	NC	01-Jul-83		5457	NE	04-Sep-98	
5046	NC	13-Jan-84		5458	NE	08-Mar-63	10-Nov-78
5047	NC	17-Aug-84		5459	NC	26-Jan-53	06-Feb-81
*5048	NE	7-Jul-00		5464	NC	16-Dec-54	07-May-82
5049	NC	25-Jun-99		5467	NE	15-Feb-56	29-Jun-90
5051	NC	07-Jun-96		5468	NC	18-Mar-55	04-Sep-81
5052	NC	25-Apr-97		5469	NC	18-Mar-55	12-Nov-82
5070	NE	20-Nov-98		5471	NE	12-May-67	04-Dec-81
5080	NC	03-Oct-97		5476	NE	03-Jul-59	15-Jun-73
5133	NC	10-Oct-69	14-May-82	5510	NE	11-Jan-80	
5134	NC	11-Aug-67	16-Mar-73	5512	NC	18-Dec-87	
5135	NC	11-Aug-67	19-Feb-88	5533	NE	11-Mar-77	
5138	NE	17-Apr-98		5620	NE	21-Jun-91	
5140	NC	15-Nov-63	20-Oct-78	5621	NE	26-Apr-91	
5143	NE	02-May-86		5622	NE	27-Dec-91	
5179	NC	28-Aug-64	12-Jun-81	5623	NE	08-Nov-91	
5300	NC	25-Nov-66	25-Nov-77	5624	NE	26-Apr-91	
5316	NC	24-Aug-61	25-Jan-80	5625	NE	10-Jul-92	
5335	NC	15-Mar-85		5626	NC	08-Aug-86	
5338	NC	06-Jun-86		5628	NC	08-Aug-97	
5340	NC	19-Apr-63	14-Dec-79	5640	NC	22-Apr-94	
5348	NE	05-Nov-76		5705	NE	13-May-83	

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition	Reprint Date	Chart Number	Category	Edition	Reprint Date
5706	NE	24-Jun-83		6263	NC	14-Apr-89	
5707	NE	28-Jan-83		6264	NC	14-Apr-89	
5720	NC	22-Apr-94		6267	NC	09-Jul-65	28-Aug-81
5800	NE	19-Jul-74	22-Mar-91	6268	NE	15-Jun-62	
5801	NE	24-May-74		6269	NE	04-Nov-60	11-Mar-77
5860	NE	30-Sep-66	14-May-76	6270	NE	09-Nov-73	
5861	NE	30-Sep-66	14-May-76	6271	NE	07-Sep-73	
6021	NE	24-Sep-99		6272	NE	14-Sep-73	
6022	NE	24-Sep-99		6273	NE	28-Sep-73	
6023	NE	26-Feb-88	30-Jun-95	6274	NE	07-Sep-73	
6026	NC	17-Sep-76		*6281	NE	2-Jun-00	
6028	NC	15-Jan-71		6285	NC	03-Jun-88	
6030	NC	14-Aug-87		6286	NC	25-Nov-88	
6035	NC	20-Nov-87		6287	NC	11-Jun-82	
6036	NC	28-Aug-87		6310	NE	04-May-73	17-Feb-78
6037	NC	13-Nov-87		6311	NC	17-Aug-62	
6038	NC	11-Sep-87	19-Sep-97	6341	NE	14-Jan-91	
6050	NE	01-Aug-86		6354	NC	09-Nov-50	
6100	NC	15-May-87	10-Apr-92	6355	NE	09-Feb-72	
6101	NC	10-Apr-64		6356	NC	30-Oct-49	
6105	NE	20-Jan-89		6357	NC	28-Feb-50	13-Apr-73
6106	NE	21-Jun-91		6358	NE	18-May-49	28-Jan-72
6107	NE	29-Oct-99		6359	NE	24-May-68	
6108	NE	28-Jan-83	05-Jun-92	6360	NC	17-Apr-48	
6109	NE	30-Mar-90		6368	NC	16-Jun-58	06-Aug-76
6110	NE	24-Feb-89	15-Dec-95	6369	NE	24-May-85	
6111	NE	11-Mar-83		6370	NE	03-Aug-90	
6112	NC	06-Feb-70	25-Mar-94	6371	NE	01-Mar-74	
6201	NE	16-Mar-73	22-Nov-91	6390	NE	08-Feb-80	
6205	NC	30-Jun-95		6408	NE	12-May-00	
*6206	NE	15-Sep-00		6409	NE	12-May-00	
6207	NE	24-Mar-00		6410	NE	12-May-00	
6209	NC	04-Sep-70		6411	NE	12-May-00	
6211	NC	26-Aug-88	29-Oct-93	6412	NE	12-May-00	
6212	NE	12-Nov-82	21-Apr-95	6413	NE	30-Apr-99	
6213	NE	10-Aug-84	28-Jul-89	6414	NE	30-Apr-99	
6214	NC	18-Mar-77	07-Jul-89	6415	NE	12-May-00	
6215	NC	01-Jul-77	08-May-92	6416	NE	12-May-00	
6216	NC	02-Apr-82	28-Feb-92	6417	NE	30-Apr-99	
6217	NC	18-Jun-76	12-Feb-93	6418	NE	30-Apr-99	
6218	NE	11-Mar-88	13-Nov-92	6419	NE	30-Apr-99	
6240	NE	15-Dec-95		6420	NE	30-Apr-99	
6241	NE	06-Aug-57	28-May-82	6421	NE	12-May-00	
6242	NE	13-Jun-80	01-May-92	6422	NE	12-May-00	
6243	NE	10-Dec-71	17-Nov-95	6423	NE	12-May-00	
6247	NE	19-Feb-93		6424	NE	12-May-00	
6248	NC	04-May-34	06-Oct-95	6425	NE	12-May-00	
6249	NE	29-Mar-85		6426	NE	12-May-00	
*6251	NE	26-May-00		6427	NE	12-May-00	
6258	NC	30-Dec-88		6428	NE	12-May-00	
6259	NC	23-Feb-90		6429	NE	12-May-00	
6260	NC	06-Jan-89		6430	NE	12-May-00	

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition	Reprint Date	Chart Number	Category	Edition	Reprint Date
6431	NE	30-Apr-99		7292	NC	30-Jan-62	27-Sep-85
6432	NE	12-May-00		7302	NE	18-Aug-78	09-Nov-90
6433	NE	12-May-00		7304	NC	17-Feb-78	06-Sep-85
6434	NE	12-May-00		7310	NC	11-Jul-86	
6435	NE	12-May-00		7371	NE	14-Dec-73	27-Mar-81
6436	NE	12-May-00		7404	NE	17-May-63	02-Sep-83
6437	NE	12-May-00		7405	NE	01-Oct-82	
6438	NE	12-May-00		7411	NE	13-Apr-73	29-Sep-89
6441	NE	12-May-00		7430	NE	21-May-76	07-Oct-83
6451	NE	12-May-00		7465	NE	28-Feb-57	02-Aug-91
6452	NE	12-May-00		7481	NC	21-Aug-92	
6453	NE	30-Apr-99		7482	NC	21-Aug-92	
6454	NC	15-May-87		7485	NC	17-Mar-89	
6455	NC	15-May-87		7486	NC	10-Feb-89	
6505	NC	05-Apr-85	28-Feb-86	7487	NC	10-Jul-87	
6506	NC	12-Apr-85	21-Feb-86	7488	NC	08-Mar-91	
6730	NC	26-Dec-69	16-Mar-79	7489	NC	28-Aug-92	
7000	NC	05-Mar-82		7502	NE	31-Jul-98	
7010	NE	12-Jan-79	04-Mar-88	7511	NE	29-Dec-89	
L/C7011	NE	02-Sep-83		7512	NC	05-Jul-85	
7050	NE	03-Feb-89		7520	NC	01-Jun-84	
7051	NE	14-Dec-73	08-Aug-86	7521	NC	01-Jun-84	
7052	NE	10-Jun-66	19-Jul-85	7527	NE	12-Apr-74	27-Sep-85
7053	NE	10-Apr-70	08-Apr-94	7540	NC	07-Jan-83	
7065	NE	31-May-63	30-Dec-83	7552	NE	27-Mar-98	
7066	NE	21-Jun-63	30-Aug-85	7565	NC	04-Oct-96	
7067	NE	30-Apr-71	18-May-90	7566	NC	22-Jun-90	
7071	NE	31-Jul-64	08-Sep-78	7568	NC	05-Jul-85	
7072	NE	30-Apr-71	25-Jul-97	7569	NC	05-Jul-85	
7082	NE	20-May-66	27-Apr-84	7570	NC	02-May-86	
7083	NE	15-Jun-84		7571	NC	11-Apr-86	
7103	NE	05-Aug-77		7572	NC	02-May-86	
7121	NE	17-Nov-72	06-Oct-89	7573	NC	25-Feb-00	
7122	NE	19-Oct-62	06-Sep-85	7575	NC	06-Mar-92	
7125	NE	20-Apr-60	26-Sep-80	7578	NC	27-Jan-95	
7126	NE	08-Mar-54	13-Aug-93	7600	NC	26-Jul-85	
7127	NE	27-May-83	14-Dec-84	7608	NE	04-Jun-76	04-Mar-83
7134	NC	23-Jul-93		7620	NC	02-May-97	
7135	NE	07-Mar-58	14-Dec-79	7621	NC	02-May-97	
7136	NC	23-Jul-93		7646	NE	02-Feb-73	28-Nov-80
7150	NE	09-Jul-65	01-Oct-82	7661	NC	14-Mar-86	
7170	NE	18-Apr-75	23-Dec-83	7662	NE	19-Jul-91	
7171	NE	15-Apr-60	08-Sep-78	7663	NE	25-Apr-97	
7180	NE	11-Aug-78		7664	NC	28-Feb-86	
7181	NC	22-Feb-63	04-May-84	7665	NC	13-Jun-86	
7184	NC	10-Jul-64	16-Dec-77	7666	NC	28-Feb-86	
7185	NE	08-Apr-60	27-Apr-84	7667	NC	14-Mar-86	
7193	NC	10-May-63	10-Mar-78	7668	NC	18-May-90	
7194	NE	20-Mar-81		7669	NC	18-May-90	
7195	NC	23-Jul-93		7685	NC	28-Feb-86	
7212	NE	11-Jan-85		7686	NC	27-Mar-81	19-Jan-90
7220	NE	02-Nov-79	16-Mar-84	7687	NC	05-Aug-83	

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition	Reprint Date	Chart Number	Category	Edition	Reprint Date
7710	NE	13-Jun-97		7941	NC	05-Jan-73	14-Mar-86
7725	NE	22-Jun-84		7950	NE	03-May-85	
7731	NE	25-May-84		7951	NE	24-Feb-84	
7733	NE	19-Mar-71	08-Feb-80	7952	NE	17-Mar-72	27-Jul-84
7735	NE	14-Aug-70	18-Nov-83	7953	NE	05-Apr-96	
7750	NE	13-Jun-97		7954	NC	17-May-74	17-Jun-83
7760	NC	03-May-68	19-Aug-83	7980	NC	16-Jan-87	
7770	NE	27-Aug-71	04-Jul-80	L/C8005	NE	07-Dec-84	02-May-97
7776	NE	30-May-97		L/C8006	NE	05-Aug-88	
7777	NE	30-May-97		L/C8007	NE	19-Aug-88	
7778	NE	13-Jun-97		L/C8010	NE	01-Aug-86	26-May-89
7779	NE	13-Jun-97		L/C8011	NE	30-Dec-94	
7780	NC	06-Jul-90		L/C8012	NE	04-Nov-94	
7781	NC	06-Jul-90		L/C8013	NE	04-Nov-94	
7782	NE	13-Jun-97		L/C8014	NE	18-Nov-94	
7783	NE	13-Jun-97		L/C8015	NE	16-Dec-94	
7784	NC	03-Jul-98		L/C8046	NE	07-Oct-83	
7832	NE	19-Feb-71	06-Mar-81	L/C8047	NE	07-Oct-83	06-Dec-85
7920	NE	27-Apr-84	23-May-86	L/C8048	NE	30-Dec-94	
7930	NE	18-May-84		L/C8049	NE	30-Dec-94	
7935	NE	21-Jun-85					
7940	NE	27-Apr-79	20-Sep-85				

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

CANADIAN HYDROGRAPHIC SERVICE - Electronic Navigation Charts.

The CHS has adopted the International S-57 (Vector) ENC and S-61 (Raster) EC Standards for navigation products and, as such, the NTX is no longer needed for navigation purposes.

ALL NTX ECs listed below have been Permanently Withdrawn.

NTX EC PRODUCT #

70001	70011	70021	70031	70041	70052	70062	70072	70087
70002	70012	70022	70032	70042	70053	70063	70073	70088
70003	70013	70023	70033	70043	70054	70064	70074	70089
70004	70014	70024	70034	70044	70055	70065	70075	70090
70005	70015	70025	70035	70045	70056	70066	70077	70091
70006	70016	70026	70036	70046	70057	70067	70078	70092
70007	70017	70027	70037	70047	70058	70068	70081	70093
70008	70018	70028	70038	70048	70059	70069	70084	70094
70009	70019	70029	70039	70049	70060	70070	70085	70095
70010	70020	70030	70040	70051	70061	70071	70086	70096

NTX EC PRODUCT #

70097	70121	70131	70141	70156	70170	70187	70204	70226
70101	70122	70132	70142	70157	70174	70188	70205	70227
70102	70123	70133	70143	70158	70175	70189	70208	70228
70113	70124	70134	70144	70159	70178	70193	70212	70229
70114	70125	70135	70145	70160	70179	70194	70214	70232
70116	70126	70136	70150	70165	70181	70195	70218	70233
70117	70127	70137	70152	70166	70182	70197	70219	70234
70118	70128	70138	70153	70167	70183	70198	70222	70235
70119	70129	70139	70154	70168	70184	70199	70223	70236
70120	70130	70140	70155	70169	70186	70203	70224	70237

NTX EC PRODUCT #

70238	70250	70263	70275
70239	70251	70264	70283
70240	70253	70265	70284
70241	70254	70266	70290
70242	70257	70267	70291
70243	70258	70268	70297
70244	70259	70269	70305
70245	70260	70271	70320
70246	70261	70273	70321
70247	70262	70274	

NTX EC PRODUCT #

73001	73015	73031	73045	73057	73069	73079	73092	73110
73002	73016	73033	73046	73059	73070	73080	73093	73111
73003	73017	73034	73047	73060	73071	73082	73094	73112
73005	73018	73035	73048	73062	73072	73085	73095	73113
73008	73022	73036	73049	73063	73073	73086	73096	73118
73010	73023	73037	73050	73064	73074	73087	73097	73120
73011	73025	73038	73051	73065	73075	73088	73098	73123
73012	73028	73039	73052	73066	73076	73089	73101	73124
73013	73029	73043	73053	73067	73077	73090	73104	73125
73014	73030	73044	73054	73068	73078	73091	73108	73126

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

NTX EC PRODUCT #

73127	73146	73231
73128	73147	
73129	73148	
73131	73150	
73137	73152	
73139	73153	
73142	73157	
73143	73158	
73144	73227	
73145	73228	

NTX EC PRODUCT #

76001	76011	76023	76034	76048	76061	76071	76081	76091
76002	76012	76024	76039	76049	76062	76072	76082	76092
76003	76013	76025	76040	76051	76063	76073	76083	76093
76004	76014	76026	76041	76052	76064	76074	76084	76094
76005	76015	76027	76042	76055	76065	76075	76085	76095
76006	76018	76028	76043	76056	76066	76076	76086	76096
76007	76019	76029	76044	76057	76067	76077	76087	76097
76008	76020	76030	76045	76058	76068	76078	76088	76098
76009	76021	76031	76046	76059	76069	76079	76089	76099
76010	76022	76033	76047	76060	76070	76080	76090	76100

NTX EC PRODUCT #

76101	76111	76133	76147	76166	76182	76197	76209	76226
76102	76112	76134	76148	76167	76183	76198	76211	76227
76103	76119	76135	76153	76172	76184	76199	76212	76228
76104	76120	76136	76154	76173	76185	76200	76213	76229
76105	76121	76137	76155	76174	76186	76201	76214	76232
76106	76122	76138	76156	76176	76187	76204	76215	76233
76107	76123	76140	76161	76178	76189	76205	76218	76234
76108	76124	76141	76162	76179	76190	76206	76219	76235
76109	76125	76145	76163	76180	76195	76207	76223	76242
76110	76126	76146	76164	76181	76196	76208	76225	76243

NTX EC PRODUCT #

76244	76264	76274	76284	76299	76314	76408
76245	76265	76275	76285	76300	76338	76411
76246	76266	76276	76286	76301	76340	76415
76247	76267	76277	76288	76302	76345	76416
76248	76268	76278	76289	76303	76376	76423
76251	76269	76279	76290	76304	76386	76424
76259	76270	76280	76295	76305	76387	76462
76261	76271	76281	76296	76309	76389	76463
76262	76272	76282	76297	76310	76398	
76263	76273	76283	76298	76313	76405	

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

CANADIAN HYDROGRAPHIC SERVICE - List of hand-corrected charts.

Supercedes previous List of hand-corrected charts - EDN#06/00

The following is a list of charts which are hand-corrected after their date of publication from information published in Notices to Mariners and for which CHS will no longer provide lists of corrections.

1310	2058	2225	2297	6110	6423
1311	2059	2226	2298	6111	6424
1400	L/C 2060	L/C 2228	2299	6112	6425
1409	2061	2235	L/C 2300	6201	6426
1410	2064	2241	L/C 2301	6206	6427
1411	2067	L/C 2243	L/C 2302	6214	6428
1432	2069	L/C 2244	2303	6217	6429
1433	2070	L/C 2245	2304	6251	6430
1434	2077	2250	2305	6281	6431
1435	2085	2251	2306	6310	6432
1436	L/C 2100	2257	2307	6408	6433
1437	L/C 2110	2258	2308	6409	6434
1438	L/C 2120	2259	2309	6410	6435
1439	L/C 2121	2268	2310	6411	6436
L/C 2000	L/C 2122	2273	2311	6412	6437
2006	L/C 2123	2274	2312	6413	6438
2007	2165	2282	2313	6414	6441
2017	2181	2283	2314	6415	6451
2018	L/C 2200	L/C 2284	2315	6416	6452
2042	L/C 2201	2286	2318	6417	6453
2043	2205	2289	6023	6418	
2049	2218	2291	6105	6419	
2050	2221	2292	6106	6420	
2053	2222	2293	6107	6421	
2054	2223	2294	6109	6422	

**SECTION 1 – Edition 09/2000
SAFETY AND GENERAL INFORMATION**

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

Supersedes previous List of charts not hand-corrected - EDN#06/00

The following is a list of charts which 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	2055	3311	6108	6259	6354
1351	2086	3312	6205	6260	6355
1361	2140	3313	6209	6263	6356
1509	2203	3488	6211	6264	6357
1512	2204	3489	6212	6267	6358
1551	2261	4145	6213	6268	6359
1553	2266	6023	6215	6269	6360
1554	2267	6026	6216	6270	6368
1555	2400	6028	6218	6271	6369
2011	3052	6030	6240	6272	6370
2021	3053	6035	6241	6273	6371
2023	3055	6036	6242	6274	6390
2024	3056	6037	6243	6285	6454
2025	3057	6038	6247	6286	6455
2026	3058	6050	6248	6287	6505
2029	3062	6100	6249	6311	6506
2048	3080	6101	6258	6341	6730

The following is a list of charts which are not hand-corrected after their date of publication. CHS will no longer provide a list of corrections for these charts. A list of corrections is available for each of these charts from the Marine Navigation Services, Notices to Mariners Internet site: <http://www.notmar.com>

1510	1550	2044	3050	6021
1513	1552	2202	3061	6022
1514	2022	2206	4141	6207
1515	2028	2260	4142	C-4

**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

1203 - Tadoussac à/to Cap Éternité - New Edition - 04-JAN-1985 - Nad 1927

15-SEP-2000.		LNM/D. 28-JUL-2000
Add	depth of 5 metres 7 decimetres	48°05`45.5"N 069°33`52.8"W
Replace	depth of 9 metres 1 decimetre with 8 metres 7 decimetres	48°03`44.3"N 069°38`28.8"W
Add	depth of 14 metres 6 decimetres	48°07`25.1"N 069°38`05.5"W

1220 - Baie des Sept-Iles - New Edition - 28-FEB-1997 - NAD 1983

08-SEP-2000.		LNM/D. 28-JUL-2000
Delete	depth of 34 metres	50°10`36.6"N 066°28`31.9"W
Delete	depth of 36 metres	50°10`26.3"N 066°28`09.0"W
Add	spoil ground	joining 50°10`45.0"N 066°28`40.8"W
		50°10`44.7"N 066°28`05.5"W
		50°10`22.1"N 066°28`06.0"W
		50°10`22.4"N 066°28`41.3"W
		and 50°10`45.0"N 066°28`40.8"W
15-SEP-2000.		LNM/D. 08-SEP-2000
Amend	FI 2 Iso R (Vert) to read Iso 11m 2 Iso R (Vert) against the navigation light	50°11`47.4"N 066°22`55.4"W

1220 - Pointe Noire - New Edition - 28-FEB-1997 - NAD 1983

15-SEP-2000.		LNM/D. 08-SEP-2000
Add	depth of 7 metres 6 decimetres	50°09`58.4"N 066°29`17.9"W

1220 - Sept-Iles - New Edition - 28-FEB-1997 - NAD 1983

15-SEP-2000.		LNM/D. 08-SEP-2000
Amend	FI 2 Iso R (Vert) to read Iso 11m 2 Iso R (Vert) against the navigation light	50°11`47.4"N 066°22`55.4"W
Add	mooring spar buoy WOr marked "Priv"	50°11`51.0"N 066°22`45.0"W
Add	mooring spar buoy WOr marked "Priv"	50°11`49.2"N 066°22`43.2"W

1230 - Anse de Sainte-Anne-des-Monts - New Edition - 29-FEB-1980 - Nad 1927

01-SEP-2000.		LNM/D. 21-APR-2000
Affix	patch	49°08`02.0"N 066°30`03.0"W

1233 - Cap aux Oies à/to Sault-au-Cochon - New Edition - 28-MAY-1999 - NAD 1983

22-SEP-2000.		LNM/D. 28-JUL-2000
Add	"Ru"	47°25`43.0"N 070°29`20.0"W

L/C1236 - Pointe des Monts aux/to Escoumins - New Edition - 25-SEP-1998 - NAD 1983

29-SEP-2000.		LNM/D. 28-JUL-2000
Amend	F Y to read FI Y	49°00`24.4"N 066°58`32.3"W

1316 - Port de Québec, Quai Irving à/to Courville - New Edition - 26-FEB-1999 - NAD 1983

29-SEP-2000.		LNM/D. 28-JUL-2000
Add	legend "Ru"	46°49`53.0"N 071°09`59.0"W
Add	legend "Ru"	46°49`47.0"N 071°10`03.0"W
Replace	depth of 1 metre 3 decimetres with drying height depth of 0 metre 8 decimetres	46°49`55.3"N 071°09`43.6"W
Add	drying height depth of 0 metre 8 decimetres	46°49`54.0"N 071°09`39.6"W
Add	drying height depth of 0 metre 9 decimetres	46°49`53.5"N 071°09`36.7"W
Replace	depth of 5 metres 3 decimetres with depth of 5 metres	46°49`51.5"N 071°09`56.5"W
Add	depth of 1 metre 3 decimetres	46°49`54.5"N 071°09`37.9"W

**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

1317 - Sault-au-Cochon à Pointe de la Durantaye - New Edition - 15-JAN-1999 - NAD 1983

15-SEP-2000.		LNMD. 28-JUL-2000
Delete	depth of 4 metres 8 decimetres Notice 240(P)/94 cancelled.	47°07' 38.8"N 070°40' 34.5"W
Add	depth of 4 metres Notice 240(P)/94 cancelled.	47°07' 40.3"N 070°40' 37.4"W
Add	depth of 4 metres 4 decimetres Notice 240(P)/94 cancelled.	47°07' 37.9"N 070°40' 29.3"W
Add	depth of 5 metres 6 decimetres Notice 240(P)/94 cancelled.	47°07' 28.2"N 070°40' 50.0"W
Replace	depth of 5 metres 7 decimetres with 4 metres 9 decimetres Notice 240(P)/94 cancelled.	47°07' 28.7"N 070°40' 39.4"W

1409 - Canal de la Rive Sud - New Edition - 21-MAY-1999 - NAD 1983

15-SEP-2000.		LNMD. 21-APR-2000
Replace	Unlit buoy marked V5 by a green spar light buoy FI G marked "V5"	45°27' 37.1"N 073°30' 06.5"W
Delete	green buoy marked V9	45°26' 58.1"N 073°30' 03.5"W
Add	green spar light buoy FI G marked "V9"	45°26' 57.0"N 073°30' 03.6"W

1410 - Lac Saint-Louis - New Edition - 25-JUN-1999 - NAD 1983

29-SEP-2000.		LNMD. 28-JUL-2000
Amend	FI Y to read F Y	45°21' 11.0"N 073°53' 45.0"W

2024 - Buckhorn to/à Gannon Narrows and/et Harrington Narrows - Sheet 1 - New Edition - 29-MAR-1985 - Nad 1927

08-SEP-2000.		LNMD. (103-1997)
Add	submarine cable	joining 44°30' 19.0"N 078°22' 48.0"W 44°30' 16.0"N 078°22' 46.5"W 44°30' 05.0"N 078°22' 59.5"W 44°30' 08.0"N 078°23' 05.5"W 44°30' 06.0"N 078°23' 27.0"W and 44°30' 11.0"N 078°23' 39.0"W

2042 - A-B - New Edition - 07-OCT-1994 - NAD 1983

08-SEP-2000.		LNMD. 31-MAR-2000
Add	sewer pipeline	between 43°08' 44.8"N 079°11' 35.6"W and 43°08' 45.0"N 079°11' 29.8"W

2042 - B-C - New Edition - 07-OCT-1994 - NAD 1983

08-SEP-2000.		LNMD. 31-MAR-2000
Add	sewer pipeline	between 43°08' 44.8"N 079°11' 35.6"W and 43°08' 45.0"N 079°11' 29.8"W
Add	submarine power cable	between 43°01' 58.8"N 079°13' 00.5"W and 43°01' 53.7"N 079°12' 55.5"W

2042 - C-D - New Edition - 07-OCT-1994 - NAD 1983

08-SEP-2000.		LNMD. 31-MAR-2000
Add	submarine power cable	between 43°01' 58.8"N 079°13' 00.5"W and 43°01' 53.7"N 079°12' 55.5"W

**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

2043 – Lower Niagara River and Approaches - New Chart - 29-NOV-1968 - Nad 1927

22-SEP-2000. LNM/D. (503-1998)
Delete light 43°15' 43.0"N 079°04' 36.0"W

2067 - Hamilton Harbour - New Edition - 01-NOV-1985 - Nad 1927

22-SEP-2000. LNM/D. 28-APR-2000
Delete light 43°17' 48.5"N 079°47' 56.3"W

2202 - Twelve Mile Bay to/à Rose Island - Sheet 3 - New Edition - 26-MAR-1999 - Nad 1927

08-SEP-2000. LNM/D. 28-JUL-2000
Reposition starboard daybeacon from 45°19' 27.0"N 080°14' 07.0"W
to 45°19' 24.7"N 080°14' 07.0"W

2202 - Parry Sound to/à Carling Rock - Sheet 4 - New Edition - 26-MAR-1999 - Nad 1927

08-SEP-2000. LNM/D. 28-JUL-2000
Reposition starboard daybeacon from 45°19' 29.0"N 080°14' 08.5"W
to 45°19' 24.7"N 080°14' 07.0"W
Add breakwater joining 45°20' 15.5"N 080°02' 25.5"W
45°20' 14.5"N 080°02' 27.5"W
and 45°20' 13.0"N 080°02' 28.0"W
Add breakwater between 45°20' 11.5"N 080°02' 27.5"W
and 45°20' 08.0"N 080°02' 20.5"W
Add submarine cable between 45°22' 27.5"N 080°12' 07.0"W
and 45°22' 17.0"N 080°12' 21.0"W

2202 - South Channel Amanda Island to/à Parry Sound - Sheet 4 - New Edition - 26-MAR-1999 - Nad 1927

08-SEP-2000. LNM/D. 28-JUL-2000
Add breakwater joining 45°20' 15.5"N 080°02' 25.5"W
45°20' 14.5"N 080°02' 27.5"W
and 45°20' 13.0"N 080°02' 28.0"W
Add breakwater between 45°20' 11.5"N 080°02' 27.5"W
and 45°20' 08.0"N 080°02' 20.5"W

2202 - Parry Sound Harbour - Sheet 4 - New Edition - 26-MAR-1999 - Nad 1927

08-SEP-2000. LNM/D. 28-JUL-2000
Add breakwater from 113°, 1185ft. southeast of Salt Pt. light
to 120°, 1105ft. southeast of Salt Pt. light
to 135°, 1180ft. southeast of Salt Pt. light.
Add breakwater from 135°, 1250ft. southeast of Salt Pt. light
to 132.5°, 1970ft. southeast of Salt Pt. light

L/C2228 - Lake Huron/Lac Huron (Southern Portion/Partie sud) - New Chart - 16-FEB-1990 - NAD 1983

01-SEP-2000. LNM/D. 11-AUG-2000
Amend See Inset/Voir cartouche Chart/Carte 2291 to read "See Inset on
back/ Voir cartouche au verso" 43°43' 27.0"N 081°41' 55.0"W

2293 - Byng Inlet and Approaches - New Edition - 11-JUN-1965 - Nad 1927

08-SEP-2000. LNM/D. (1724-1999)
Delete depth of 12ft. 45°44' 41.0"N 080°39' 20.5"W
Add depth of 6ft. 45°44' 40.8"N 080°39' 21.2"W

**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

2318 - Heron Bay - New Edition - 03-DEC-1982 - US Standard Datum

15-SEP-2000.		LNMD. (903-1998)
Add	front range light Fl (Priv)	48°39'02.8"N 086°18'28.1"W
Add	rear range light Fl (Priv)	058°, 1301 feet from front light
Add	legend "058"	48°38'41.0"N 086°19'24.0"W

L/C4023 - Northumberland Strait - New Edition - 28-NOV-1986 - Nad 1927

29-SEP-2000.		LNMD. 28-JAN-2000
Add	anchorage prohibited symbol	46°11'30.0"N 063°56'25.0"W
Add	anchorage prohibited symbol	46°17'50.0"N 063°48'00.0"W

4142 - Evandale to/à Ram Island - Sheet 1 - New Edition - 01-NOV-1996 - NAD 1983

01-SEP-2000.		LNMD. 26-MAY-2000
CANCELS	green porthand spar buoy, marked "H11/1"	45°50'07.2"N 066°11'01.1"W
	Notice 1940(T)/99 cancelled	
CANCELS	green porthand spar buoy, marked "H11/3"	45°50'08.5"N 066°11'06.5"W
	Notice 1940(T)/99 cancelled.	
CANCELS	red starboardhand spar buoy, marked "H12/4"	45°50'10.0"N 066°11'05.8"W
	Notice 1940(T)/99 cancelled.	
CANCELS	red lighted starboardhand pillar buoy Fl R, marked H12/6	45°50'11.3"N 066°11'11.2"W
	Notice 1940(T)/99 cancelled.	
CANCELS	green porthand spar buoy, marked "H11/5"	45°50'09.8"N 066°11'11.9"W
	Notice 1940(T)/99 cancelled.	

4211 - Cape Lahave to/à Liverpool Bay - New Edition - 07-DEC-1990 - Nad 1927

01-SEP-2000.		LNMD. 07-JUL-2000
Add	non-dangerous wreck, PA	44°01'06.0"N 064°38'12.0"W

L/C4240 - Liverpool Harbour to/à Lockeport Harbour - New Chart - 06-OCT-1989 - NAD 1983

01-SEP-2000.		LNMD. 07-JUL-2000
Add	non-dangerous wreck, PA	44°01'06.4"N 064°38'09.8"W

4244 - Wedgeport and Vicinity/et les abords - New Chart - 21-FEB-1986 - NAD 1983

01-SEP-2000.		LNMD. 14-APR-2000
Delete	radar refelector	43°42'12.4"N 066°03'12.5"W

4379 - Liverpool Harbour - New Edition - 31-OCT-1986 - Nad 1927

01-SEP-2000.		LNMD. 07-JUL-2000
Add	non-dangerous wreck, PA	44°01'06.0"N 064°38'12.0"W

L/C4406 - Tryon Shoals to/à Cape Egmont - New Edition - 27-FEB-1998 - NAD 1983

29-SEP-2000.		LNMD. 28-JUL-2000
Add	PROHIBITED ANCHORAGE HIGH VOLTAGE CABLE AREA/MOUILLAGE INTERDIT ZONE DE CÂBLES À HAUTE TENSION	46°13'57.0"N 063°54'29.0"W
Add	PROHIBITED ANCHORAGE HIGH VOLTAGE CABLE AREA/MOUILLAGE INTERDIT ZONE DE CÂBLES À HAUTE TENSION	46°17'00.0"N 063°48'47.0"W

L/C4451 - Îles de la Madeleine - New Edition - 27-MAR-1987 - Nad 1927

22-SEP-2000.		LNMD. 21-JUL-2000
Add	a magenta line	joining 47°33'33.0"N 062°11'39.0"W
		47°33'33.0"N 061°54'30.0"W
		47°36'54.0"N 061°54'30.0"W

**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

		47°36' 54.0"N 061°47' 18.0"W
		47°51' 12.0"N 061°47' 18.0"W
		and 47°51' 12.0"N 061°08' 12.0"W
Add	a magenta note: Utiliser les cartes L/C4951 et L/C4952 à l'intérieur de cette ligne (voir Attention B)/Use charts L/C4951 and L/C4952 inside this line (See Caution B)	47°51' 30.0"N 061°40' 00.0"W
Add	a magenta line	joining 47°09' 12.0"N 062°11' 41.0"W
		47°09' 12.0"N 061°35' 00.0"W
		47°10' 00.0"N 061°35' 00.0"W
		47°12' 30.0"N 061°30' 00.0"W
		47°18' 36.0"N 061°30' 00.0"W
		47°18' 36.0"N 061°22' 15.0"W
		47°27' 00.0"N 061°22' 15.0"W
		and 47°27' 00.0"N 061°09' 00.0"W
Add	a magenta note: Utiliser les cartes L/C4951 et L/C4952 à l'intérieur de cette ligne (voir Attention B)/Use charts L/C4951 and L/C4952 inside this line (See Caution B)	47°08' 54.0"N 061°40' 00.0"W
Add	a magenta note: ATTENTION B Pour naviguer à l'intérieur de la zone délimitée en magenta, il faut utiliser les cartes indiquées. Cette zone ne sera plus tenue à jour au moyen des avis aux navigateurs.	
Add	a magenta note: CAUTION B To navigate within the area outlined in magenta, the referenced charts must be used. This area will no longer be maintained from Notices to Mariners.	
Replace	depth of 11 fathoms with depth of 9 fathoms 5 feet	47°51' 30.7"N 061°13' 49.1"W
Add	depth of 9 fathoms 5 feet	47°04' 26.6"N 061°41' 42.1"W
Add	depth of 8 fathoms 3 feet	47°03' 06.6"N 061°46' 21.5"W
4459 - Summerside Harbour and Approaches/et les approches - New Edition - 25-JUN-1999 - NAD 1983		
29-SEP-2000.		
Amend	PROHIBITED ANCHORAGE/MOULLAGE INTERDIT to read PROHIBITED ANCHORAGE HIGH VOLTAGE CABLE AREA/MOULLAGE INTERDIT ZONE DE CÂBLES À HAUTE TENSION	46°18' 46.0"N 063°48' 35.0"W
Add	anchorage prohibited symbol	46°18' 50.0"N 063°47' 56.0"W
Add	anchorage prohibited symbol	46°18' 50.0"N 063°49' 16.0"W
4702 - Corbet Island to Ship Harbour Head - New Chart - 17-JAN-1964 - Nad 1927		
22-SEP-2000.		
		LN/D. (745-1999)
Add	red lighted, starboard hand spar buoy FI R, marked NM12	52°46' 33.0"N 056°07' 00.0"W
Add	red lighted, starboard hand spar buoy FI R, marked NL12	52°56' 17.4"N 055°53' 36.0"W
L/C4841 - Cape St Mary's to/à Argentia - New Chart - 19-MAY-1989 - NAD 1983		
15-SEP-2000.		
		LN/D. 01-SEP-2000
Add	red light, starboard hand spar buoy FI R, marked AF4	47°19' 12.0"N 053°55' 22.0"W
L/C4841 – Argentia - New Chart - 19-MAY-1989 - NAD 1983		
22-SEP-2000.		
		LN/D. 15-SEP-2000
Delete	green, port hand, can buoy, marked A11	47°17' 33.5"N 053°58' 48.0"W
Add	green lighted, port hand spar bouy FI G, marked A11	47°17' 33.5"N 053°58' 51.0"W

**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

L/C4841 - Placentia Road - New Chart - 19-MAY-1989 - NAD 1983

01-SEP-2000.		LNMD. (309-1999)
Delete	red, starboard hand, spar buoy, marked PX4	47°14' 55.8"N 053°58' 04.2"W
Add	red lighted, starboard hand spar buoy FI R, marked PX4	47°14' 55.1"N 053°58' 00.0"W

L/C4846 - Motion Bay to/à Cape St Francis - New Edition - 15-DEC-1995 - NAD 1983

01-SEP-2000.		LNMD. 24-MAR-2000
Delete	green light, port hand pillar buoy FI G, marked MSF3	47°48' 44.5"N 052°46' 01.5"W
Add	black and yellow, north cardinal pillar light buoy Q, marked MSF	47°48' 44.5"N 052°46' 01.0"W

L/C4847 - Conception Bay - New Edition - 05-JUL-1996 - NAD 1983

01-SEP-2000.		LNMD. (2149-1998)
Add	light FI G	47°35' 34.0"N 052°53' 12.0"W
Delete	green light, port hand pillar buoy FI G, marked MSF3	47°48' 44.5"N 052°46' 01.5"W
Add	black and yellow, north cardinal pillar light buoy Q, marked MSF	47°48' 44.5"N 052°46' 01.0"W
Replace	starboard conical buoy, marked CW4, with red lighted, starboard hand spar buoy FI R, marked CW4	47°34' 21.0"N 052°57' 28.0"W
Replace	starboard hand conical buoy, marked CW8, with red lighted, starboard hand spar buoy FI R, marked CW8	47°32' 15.0"N 053°02' 45.0"W
Replace	starboard hand conical buoy, marked CP2, with red lighted, starboard hand spar buoy FI R, marked CP2	47°26' 53.0"N 053°11' 35.0"W
Replace	port hand spar buoy, marked CW5, with green lighted, port hand spar buoy FI G marked CW5	47°32' 25.0"N 052°57' 12.0"W

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

01-SEP-2000.		LNMD. (2332-1998)
Delete	green light, port hand pillar buoy FI G, marked MSF3	47°48' 44.5"N 052°46' 01.5"W
Add	black and yellow, north cardinal pillar light buoy Q, marked MSF	47°48' 44.5"N 052°46' 01.0"W

4854 - Catalina Harbour to/à Inner Gooseberry Island - New Chart - 25-APR-1997 - NAD 1983

01-SEP-2000.		LNMD. (2361-1999)
Delete	black, red, black, isolated danger pillar light buoy FI (2) 10s, marked JBR	48°41' 58.0"N 053°03' 34.0"W
Add	black and yellow, north cardinal pillar light and bell buoy VQ, marked JBR	48°42' 16.8"N 053°03' 20.4"W

4865 - Approaches to/Approches a Lewisporte and/et Loon Bay - New Chart - 30-JAN-1998 - NAD 1983

22-SEP-2000.		LNMD. (572-1999)
Add	green lighted, port hand spar bouy FI G, marked DBE7	49°18' 55.2"N 054°58' 21.0"W

L/C4951 - Îles de la Madeleine - Partie sud / South Portion - New Chart - 04-JAN-1991 - NAD 1983

15-SEP-2000.		LNMD. 21-JUL-2000
Add	marine farm	47°25' 05.0"N 061°51' 41.0"W
22-SEP-2000.		LNMD. 15-SEP-2000
Replace	depth of 10 metres 2 decimetres with depth of 9 metres	47°28' 08.9"N 061°22' 43.9"W
Add	marine farm	47°24' 30.0"N 061°50' 56.0"W

L/C4952 - Îles de la Madeleine - Partie nord/Northern Portion - New Chart - 21-AUG-1992 - NAD 1983

22-SEP-2000.		LNMD. 21-JUL-2000
Replace	depth of 10 metres 2 decimetres with depth of 9 metres	47°28' 08.9"N 061°22' 43.9"W

**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

Replace	depth of 10 metres 7 decimetres with depth of 9 metres 7 decimetres	47°28'05.4"N 061°19'44.4"W
Replace	depth of 6 metres 2 decimetres with depth of 4 metres 9 decimetres	47°29'41.7"N 061°17'29.9"W
Replace	depth of 10 metres 1 decimetre with depth of 9 metres 7 decimetres	47°30'56.5"N 061°15'52.8"W
Add	depth of 9 metres 7 decimetres	47°28'33.8"N 061°19'26.2"W
Add	depth of 7 metres 5 decimetres	47°29'39.2"N 061°16'59.6"W

5051 - NUNAKSUK ISLAND TO CALF,CROW AND BULL ISLANDS - New Chart - 07-JUN-1996 - NAD 1983

29-SEP-2000.		LNMD. 21-APR-2000
Add	yellow and black , south cardinal pillar light buoy VQ (6) + LF I 10s, BELL, marked NVR	56°31'53.0"N 060°47'08.5"W

5052 - SENIARTLIT ISLANDS TO NAIN - New Chart - 25-APR-1997 - NAD 1983

29-SEP-2000.		LNMD. 23-JUN-2000
Add	yellow and black , south cardinal pillar light buoy VQ (6) + LFI 10s, BELL, marked NVR	56°31'53.0"N 060°47'08.5"W

6021 - Lake Muskoka - Sheet 2 - New Edition - 24-SEP-1999 - NAD 1983

22-SEP-2000.		
Add	green, port hand, spar buoy, marked C19	45°02'46.0"N 079°33'19.0"W

6023 - Lake of Bays - New Edition - 26-FEB-1988 - Nad 1927

29-SEP-2000.		LNMD. 22-SEP-2000
Delete	note	lower left margin of chart at longitude 79°04'W

The information contained on this chart has been corrected from Notices to Mariners to the date of publication only. For subsequent corrections, consult the Notices to Mariners or write to Nautical Information, Canadian Hydrographic Service, Department of Fisheries and Oceans, Ottawa, Ontario K1A 0E6. Please state the latest edition date. Le contenu de cette carte a été corrigé au moyen des Avis aux navigateurs au moment de sa publication seulement. Pour les corrections subséquentes, consulter les Avis aux navigateurs ou écrire à Information nautique, Service hydrographique du Canada, Ministère des Pêches et des Océans, Ottawa (Ontario) K1A 0E6. Veuillez indiquer la date de la dernière édition.

Add	note	lower left corner of chart below the note which reads NEW EDITION/NOUVELLE ÉDITION FEB/FÉV 26 1988 or the note which reads REPRINT/RÉIMPRESSION JUNE/JUIN 30 1995
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NOTICES TO MARINERS / AVIS AUX NAVIGATEURS

Add	submarine cable	between 45°14'17.0"N 078°55'05.0"W and 45°14'19.0"N 078°54'55.0"W
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This is a duplication of Notice to Mariners 374/95. A complete set of corrections for this chart is now available from the Notices to Mariners website at Notmar.com

Add	submarine cable	between 45°15'33.0"N 078°59'20.0"W and 45°15'28.0"N 078°59'23.0"W
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This is a duplication of Notice to Mariners 374/95. A complete set of corrections for this chart is now available from the Notices to Mariners website at Notmar.com

**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

Add submarine cable joining 45°15'28.0"N 078°59'23.0"W
45°15'27.0"N 078°59'20.0"W
45°15'24.0"N 078°59'18.0"W
45°15'21.0"N 078°59'19.0"W
and 45°15'14.0"N 078°59'53.0"W

This is a duplication of Notice to Mariners 374/95. A complete set of corrections for this chart is now available from the Notices to Mariners website at Notmar.com

Add submarine cable between 45°14'19.5"N 078°55'06.5"W
and 45°14'19.0"N 078°54'54.5"W

This is a duplication of Notice to Mariners 613/95. A complete set of corrections for this chart is now available from the Notices to Mariners website at Notmar.com

22-SEP-2000. LNM/D. (613-1995)

Delete green, port hand, spar buoy, marked CA1 45°18'57.0"N 079°02'55.0"W

Delete green, port hand, spar buoy, marked D3 45°16'54.0"N 079°02'15.0"W

6023 - Baysville and Approaches/et les approches - New Edition - 26-FEB-1988 - Nad 1927

22-SEP-2000. LNM/D. (613-1995)

Delete red, starboard hand, spar buoy, marked A4 45°09'16.0"N 079°06'54.0"W

6100 - Lac Saint-Jean - Sheet 1 - New Chart - 15-MAY-1987 - Nad 1927

15-SEP-2000. LNM/D. 02-JUN-2000

Delete light Fl R 9m marked " Priv" 48°31'17.0"N 072°13'09.5"W

6105 - Rainy Lake / Lac a la Pluie - New Edition - 20-JAN-1989 - Nad 1927

29-SEP-2000.

Delete note lower left margin of chart at longitude 93°20' W

The information contained on this chart has been corrected from Notices to Mariners to the date of publication only. For subsequent corrections, consult the Notices to Mariners or write to Nautical Information, Canadian Hydrographic Service, Department of Fisheries and Oceans, Ottawa, Ontario K1A 0E6. Please state the latest edition date. Le contenu de cette carte a été corrigé au moyen des Avis aux navigateurs au moment de sa publication seulement. Pour les corrections subséquentes, consulter les Avis aux navigateurs ou écrire à Information nautique, Service hydrographique du Canada, Ministère des Pêches et des Océans, Ottawa (Ontario) K1A 0E6. Veuillez indiquer la date de la dernière édition.

Add note lower left corner of chart below the note which reads NEW EDITION/NOUVELLE ÉDITION JAN/JANV. 20 1989

NOTICES TO MARINERS / AVIS AUX NAVIGATEURS

6106 - Northwest Bay to/à Ash Bay - New Edition - 21-JUN-1991 - Nad 1927

29-SEP-2000.

Delete note lower left margin of chart at longitude 93°37'W

**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

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Add	Note	lower left corner of chart below the note which reads NEW EDITION/NOUVELLE ÉDITION JUNE/JUIN 21 1991
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NOTICES TO MARINERS / AVIS AUX NAVIGATEURS

6109 - Sandpoint Island to/aux Anchor Islands - New Edition - 30-MAR-1990 - Nad 1927

29-SEP-2000.

Delete	Note	lower left margin of chart at longitude 93°03' W
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Add	Note	lower left corner of chart below the note which reads NEW EDITION/NOUVELLE ÉDITION MARCH/MARS. 30 1990
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NOTICES TO MARINERS / AVIS AUX NAVIGATEURS

6110 - Northern Redgut Bay - New Edition - 24-FEB-1989 - Nad 1927

29-SEP-2000.

Delete	Note	lower left margin of chart at longitude 92°59' W
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Add	Note	lower left corner of chart below the note which reads NEW EDITION/ NOUVELLE ÉDITION FEB/FÉV. 24 1989 or the note which reads REPRINT/RÉIMPRESSION DEC /DÉC. 15 1995
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NOTICES TO MARINERS / AVIS AUX NAVIGATEURS

**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

6111 - Rainy Lake (Eastern) Seine River, Seine Bay to Sturgeon Falls - New Edition - 11-MAR-1983 - Unknown

29-SEP-2000. LNM/D. (295-1983)

Delete note lower left margin of chart at longitude
92°46' W

The information contained on this chart has been corrected from Notices to Mariners to the date of publication only. For subsequent corrections, consult the Notices to Mariners or write to Nautical Information, Canadian Hydrographic Service, Department of Fisheries and Oceans, Ottawa, Ontario K1A 0E6. Please state the latest edition date.

Add note lower left corner of chart below the note
which reads NEW EDITION MARCH 11
1983

NOTICES TO MARINERS

6112 - Rainy Lake (Southeast) Anchor Islands to Oakpoint Island - New Chart - 06-FEB-1970 - Nad 1927

29-SEP-2000. LNM/D. (560-1993)

Delete note lower left margin of chart at longitude
92°47' W

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Add note lower left corner of chart below the note
which reads FIRST EDITION FEB 6 1970 or
the note which reads REPRINT MAR. 25
1994

NOTICES TO MARINERS

6201 - Lake of the Woods - New Edition - 16-MAR-1973 - Nad 1927

29-SEP-2000. LNM/D. 04-AUG-2000

Delete note lower left margin of chart at longitude
95°00' W

The information contained on this chart has been corrected from Notices to Mariners to the date of publication only. for subsequent corrections, consult the Notices to Mariners or write to Nautical Information, Canadian Hydrographic Service Department of Fisheries and Oceans, Ottawa, Ontario K1A 0E6. Please state the latest edition date.

Add Note lower left corner of chart, below the note
which reads NEW EDITION MAR. 16 1973

NOTICE TO MARINERS

6212 - Northern Portion Lake of the Woods – Kenora to Aulneau Peninsula - New Edition - 12-NOV-1982 - Nad 1927

08-SEP-2000. LNM/D. (104-1999)

Add starboard daybeacon marked "K64" 49°42'05.0"N 094°30'43.0"W

Add starboard daybeacon marked "K64/2" 49°41'56.0"N 094°30'58.0"W

6214 - Sabaskong Bay - New Chart - 18-MAR-1977 - Nad 1927

29-SEP-2000. LNM/D. (610-1995)

Delete note lower left margin of chart at longitude
94°20' W

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**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

Pour les corrections subséquentes, consulter les Avis aux navigateurs ou écrire à Information nautique, Service hydrographique du Canada, Ministère des Pêches et des Océans, Ottawa (Ontario) K1A 0E6. Veuillez indiquer la date de la dernière édition.

Add note lower left corner of chart below the note which reads NEW CHART/CARTE NOUVELLE MAR.18 1977 or the note which reads REPRINT/RÉIMPRESSION JULY/JUIL. 7 1989

NOTICES TO MARINERS / AVIS AUX NAVIGATEURS

Add red, starboard hand, spar buoy, marked S68/2 49°08'29.0"N 094°16'24.0"W

This is a duplication of Notice to Mariners 656/90. A complete set of corrections for this chart is now available from the Notices to Mariners website at Notmar.com

Add submarine cable joining 49°09'22.0"N 093°55'38.0"W
49°10'05.0"N 093°56'06.0"W
and 49°10'23.0"N 093°55'52.0"W

This is a duplication of Notice to Mariners 610/95. A complete set of corrections for this chart is now available from the Notices to Mariners website at Notmar.com

6217 - Ptarmigan Bay and/et Shoal Lake - New Chart - 18-JUN-1976 - Nad 1927

29-SEP-2000. LNMD. 23-JUN-2000

Delete note lower left margin of chart at longitude 95°06' W

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Add note lower left corner of chart below the note which reads REPRINT/RÉIMPRESSION FEB/FÉV. 12 1993

NOTICES TO MARINERS / AVIS AUX NAVIGATEURS

6217 - Echo Bay to Northern Peninsula - New Chart - 18-JUN-1976 - Nad 1927

29-SEP-2000. LNMD. 23-JUN-2000

Add submarine cable joining 49°41'44.0"N 094°46'50.5"W
49°41'42.0"N 094°46'34.0"W
and 49°41'46.0"N 094°46'20.0"W

This is a duplication of Notice to Mariners 132/95. A complete set of corrections for this chart is now available from the Notices to Mariners website at Notmar.com

Add submarine cable joining 49°41'07.0"N 094°43'20.0"W
49°41'08.0"N 094°43'24.0"W
49°41'33.0"N 094°43'36.0"W
49°41'50.0"N 094°43'36.0"W
49°42'13.0"N 094°43'16.0"W
49°42'15.0"N 094°43'13.0"W
and 49°42'13.0"N 094°43'10.0"W

**SECTION 2 – Edition 09/2000
CHART CORRECTIONS**

This is a duplication of Notice to Mariners 375/95. A complete set of Notices for this chart is now available from the Notices to Mariners website at Notmar.com

Add starboard daybeacon 49°41'51.0"N 094°49'05.0"W

6218 - Kenora, Rat Portage Bay - New Edition - 11-MAR-1988 - Nad 1927

08-SEP-2000. LNM/D. (104-1999)

Add starboard daybeacon marked "K64" 49°42'05.0"N 094°30'43.0"W

Add starboard daybeacon marked "K64/2" 49°41'56.0"N 094°30'58.0"W

6240 - Red River to Berens River - New Edition - 15-DEC-1995 - Unknown

01-SEP-2000. LNM/D. 25-AUG-2000

Add legend X 50°25'32.0"N 096°50'00.0"W

6242 - Selkirk to Lake Winnipeg - Sheet 2 - New Edition - 13-JUN-1980 - Nad 1927

01-SEP-2000. LNM/D. 25-AUG-2000

Add legend X 50°25'32.0"N 096°49'30.0"W

6251 - Red River / Rivière Rouge to à Gull Harbour - New Edition - 26-MAY-2000 - Nad 1927

29-SEP-2000. LNM/D. 25-AUG-2000

Delete note lower left margin of chart at longitude 96°55' W

The information contained on this chart has been corrected from Notices to Mariners to the date of publication only. For subsequent corrections, consult the Notices to Mariners or write to Nautical Information, Canadian Hydrographic Service, Department of Fisheries and Oceans, Ottawa, Ontario K1A 0E6. Please state the latest edition date. Le contenu de cette carte a été corrigé au moyen des Avis aux navigateurs au moment de sa publication seulement. Pour les corrections subséquentes, consulter les Avis aux navigateurs ou écrire à Information nautique, Service hydrographique du Canada, Ministère des Pêches et des Océans, Ottawa (Ontario) K1A 0E6. Veuillez indiquer la date de la dernière édition.

Add note lower left corner of chart below the note which reads NEW EDITION/NOUVELLE ÉDITION MAY/MAI 26 2000

NOTICES TO MARINERS / AVIS AUX NAVIGATEURS

6286 - Whitedog Dam to à Minaki - New Chart - 25-NOV-1988 - NAD 1983

08-SEP-2000. LNM/D. (514-1991)

Add starboard daybeacon marked "Q8" 50°05'46.0"N 094°45'20.0"W

L/C8005 - GEORGES BANK, ATLANTIC OCEAN/OCÉAN ATLANTIQUE - New Edition - 07-DEC-1984 - NAD 1983

15-SEP-2000. LNM/D. 11-AUG-2000

Delete On certain copies. red and white, fairway pillar light buoy Mo (A), marked N 40°30'00.0"N 069°25'30.0"W

Reference Notice 2321/99.



**CANADIAN
HYDROGRAPHIC
SERVICE
PUBLICATION**

**NEW EDITION
NOW AVAILABLE**

**SAILING DIRECTIONS
CEN 305**

**LAKE HURON, ST. MARYS RIVER, LAKE SUPERIOR
2000**

SECTION 4 - Edition 09/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Arctic Canada, Volume 2, Fourth Edition, 1985 —

Page 95 — Paragraph 126, line 3

Delete: 6D (— ●●●● — ●●)

Replace by: YXP (— ● — — — ●● — ● — — ●)

(C00-063.1)

Arctic Canada, Volume 3, Fifth Edition, 1994 —

Page 116 — Before paragraph 186

Page 121 — Top of left column

Add: 7573

(C00-055.1)

Page 121 — Delete paragraphs 187 and 188

Replace by: 187 **Depths.** — **Shoals.** — Depths charted in much of James Ross Strait are from reconnaissance surveys and track soundings. A corridor north of Matty Island (*see Chart 7573*) was surveyed in 1994. Least depths found were 2.7 and 2.8 m 4 miles north of Matty Island. Other shoal depths are best seen on the chart.

(C00-059.1)

Page 121 — Paragraph 200, line 4

Delete: possible

(C00-059.2)

Page 121 — Paragraph 205, line 1

Delete: — ● —

Replace by: — — ● —

(C00-055.2)

Page 121 — Before paragraph 209

Page 122 — Top of left column

Delete: 7083

Replace by: 7573

(C00-055.3)

Page 121 — Paragraph 209, line 1

Delete: flows

Replace by: floes

(C00-055.4)

Page 123 — Before paragraph 1

Page 127 — Before paragraph 55

Page 132 — Before paragraph 157

Page 133 — Top of left column

Delete: 7740, 7830

Replace by: 7573

(C00-055.5)

Page 123 — Paragraph 2, lines 4 and 5

Delete: “1980/81 but ... 7083 and 7740”

Replace by: 1980 to 1994, as shown on *Chart 7573*

(C00-056.1)

SECTION 4 - Edition 09/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 126 — Before paragraph 43
Page 127 — Top of left column
Page 127 — Before paragraph 63
Page 128 — Top of left column
Page 128 — Before paragraph 92
Page 129 — Top of left column
Page 129 — Before paragraph 115
Page 129 — Before paragraph 121
Page 130 — Top of left column
Page 133 — Before paragraph 162
Delete: 7740
Replace by: 7573

(C00-056.2)

Page 126 — Paragraph 44, line 3
Page 127 — Paragraph 56, line 6
Page 127 — Paragraph 57, line 3
Delete: 7740 (1992)
Replace by: 7573 (2000)

(C00-057.1)

Page 127 — Paragraph 56, line 4
Page 129 — Before paragraph 114
Page 134 — Top of left column
Page 134 — Before paragraph 199
Page 135 — Top of left column
Delete: 7830
Replace by: 7573

(C00-056.3)

Page 128 — Before paragraph 78
Delete: 7830

(C00-057.2)

Page 129 — Before paragraph 113
Delete: *Charts* 7740, 7830

(C00-057.3)

Page 133 — Before paragraph 178
Delete: *Charts* 7575, 7830

(C00-057.4)

Labrador and Hudson Bay, Sixth Edition, 1988 —

Page 141 — Paragraph 100, lines 3 to 8
Delete: “It is ... wharf.”
Replace by: The wharf is L-shaped and extends 131 feet (40 m) from the shore to a least depth of 20 feet (6.2 m) alongside a 121 foot (37 m) long outer end. A Ro-Ro ramp 49 feet (15 m) wide with depths of 10 to 13 feet (3.2 to 4 m) alongside is situated adjacent to the south side of the wharf. A freight shed is located near the inner end of the wharf.

(N00-13.5)

SECTION 4 - Edition 09/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 141 — Paragraph 101, line 3 – after “wharf.”

Insert: Least depths of 9 feet (2.6 m) and 12 feet (3.7 m) exist alongside the south and north sections, respectively.

(N00-13.6)

Page 265 — Paragraph 506, line 9 – after “summit.”

Add: A **light** (324.33) is shown at an elevation of 171 feet (52.2 m) from a tower with a green and white daymark on the NE tip of Big Black Island.

(N00-13.7)

Page 266 — Paragraph 518, line 4 – after “it.”

Insert: A **light** (324.34) is shown at an elevation of 161 feet (49.2 m) from a tower with a red and white daymark on the NW end of Little Fish Island.

(N00-13.8)

Page 270 — Paragraph 569, last line

Add: A **light** (324.35) is shown at an elevation of 216 feet (65.9 m) from a tower with a red and white daymark on an unnamed island close south of Beachy Island.

(N00-13.9)

Page 273 — Paragraph 593, line 4 – after “Bay.”

Insert: A **light** (324.9) is shown at an elevation of 245 feet (74.8 m) from a tower with a red and white daymark on the NE end of Stirrup Island.

(N00-14.0)

Page 316 — Paragraph 153, lines 2 to 4

Delete second sentence.

(C00-076.1)

Page 349 — Paragraph 348, line 8

Delete: high

Replace by: low

(C00-076.2)

Gulf of St. Lawrence, First Edition, 1992 —

Page 44 — Paragraph 86, line 2

Delete: 1.8 m

Replace by: 1.7 m

(L00-028.3)

Page 71 — Paragraph 312, lines 3 to 5

Delete: “A **fog** ... 180°.”

(L00-021.1)

Page NOTES — **ÎLE D’ENTRÉE** Diagram

Add 1₅ @ 337°, 62 metres from the light.

Delete 5₂ @ 232°30', 133 metres from the light.

Add 4₂ @ 235°30', 140 metres from the light.

Delete 5 metre contour @ 230°, 117 metres from the light.

Add 0₅ @ 157°, 145 metres from the light

Substitute 3₅ for 3₈ @ 303°30', 92 metres from the light.

(L00-028.1)

SECTION 4 - Edition 09/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page NOTES — **POINTE-BASSE** Diagram

Substitute 0₁ for 0₄ @ 020°30', 151 metres from the light.

Substitute 1 for 1₃ @ 017°, 138 metres from the light.

Substitute I₇ (1999) for I₈ (1998) @ 017°, 74 metres from the light.

(L00-028.2)

ATL 101 — Newfoundland — Northeast and East Coasts, First Edition, 1997 —

Page 29 — Delete paragraph 36

Replace by: ³⁶ A building used previously as a bait depot is situated close within the harbour entrance.

(N00-14.4)

ATL 102 — Newfoundland — East and South Coasts, First Edition, 1995 —

Page 57 — Paragraph 132, line 4 – after “slipway.”

Add: with its outer end in ruins

(N00-14.1)

Page 58 — Paragraph 137, line 9 – after “wide”

Insert: which is in disrepair and barricaded

(N00-14.2)

Page 58 — Paragraph 137, line 10

Delete: bait depot

Replace by: large white building

(N00-14.3)

ATL 103 — Newfoundland — Southwest Coast, First Edition, 1995 —

Page 37 — Paragraph 4, line 9

Delete: QPW

Replace by: QLW

(N00-13.4)

ATL 110 — St. Lawrence River — Cap Whittle/Cap Gaspé to Les Escoumins, First Edition, 1992 —

Page 15 — Paragraph 170, line 1

Delete: BAIE MINGAN

Replace by: “BMING”

(L00-014.1)

Page 19 — Paragraph 221, lines 1 and 2

Delete: RIVIÈRE-AU-TONNERRE

Replace by: “RAT”

(L00-014.2)

Page 25 — Paragraph 282, last line

Add: Two private mooring buoys are moored inside the basin.

(L00-022.1)

Page 27 — Paragraph 314, lines 1 and 2

Delete: PORT-CARTIER

Replace by: “PTCAR”

(L00-014.3)

SECTION 4 - Edition 09/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 31 — **CLORIDORME** Diagram

Substitute (CLORI) for (Cloridorme) @ 019°, 799 metres from front light FR 10m.

(L00-014.6)

Page 38 — Paragraph 51, lines 1 and 2

Delete: ANSE À VALLEAU

Replace by: “VALLEA”

(L00-014.4)

Page 38 — Paragraph 57, line 2

Delete: CLORIDORME

Replace by: “CLORI”

(L00-014.5)

Page 43 — **PETITE-TOURELLE** Diagram

Delete 1₈ @ 026°30', 217 metres from front light FG 15m.

Delete 1₈ @ 026°, 255 metres from front light FG 15m.

Add 2₅ @ 037°, 189 metres from front light FG 15m.

Add 0₆ @ 027°, 227 metres from front light FG 15m.

Add 1₃ @ 027°, 246 metres from front light FG 15m.

Substitute 2.7m (1999) for 2.7m (1997) @ 040°, 171 metres from front light FG 15m.

(L00-005.1)

Page 64 — Paragraph 135.1, line 1

Delete: MATANE

Replace by: “MATAN”

(L00-014.7)

Page 71 — Paragraph 223, lines 1 and 2

Delete: CAP À LA CARRE

Replace by: “CALR”

(L00-014.8)

ATL 111 — St. Lawrence River — Île Verte to Québec, Second Edition, 1999 —

Page 9 — Paragraph 62, line 2

Delete: ÎLE AUX LIÈVRES

Replace by: “ILIEV”

(L00-014.9)

Page 10 — Paragraph 84, line 4

Delete: HAUT-FOND MORIN

Replace by: “HFMOR”

(L00-014.10)

Page 12 — After paragraph 94

Insert: ^{94.1} **Speed restrictions.** — During the boating season, downbound vessels must reduce their speed off the marina at Île-aux-Coudres (47°25'N, 70°24'W) in order to avoid damages to the marina facilities and to moored boats; see *Notices to Mariners Annual Edition*, page A12-1.

(L00-026.1)

SECTION 4 - Edition 09/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 12 — Paragraph 108, line 1 – before “Depths”

Insert: Mariners cannot enter the marina at Île-aux-Coudres during the period of time extending 3 hours before to 3 hours after the low tide.

(L00-023.1)

Page 14 — Paragraph 116, last line

Add: For safety reasons, mooring is prohibited for an indefinite period of time.

(L00-025.1)

Page 30 — **SILLERY** Diagram

Delete 5 @ 077°30', 552 metres from the SW corner of the border.

Add 4₈ @ 078°30', 555 metres from the SW corner of the border.

Add 4₇ @ 066°30', 741 metres from the SW corner of the border.

(L00-027.1)

Page 45 — Paragraph 116, lines 1 and 2

Delete: Marina Montmagny

Replace by: “MTGNY”

(L00-014.11)

ATL 112 — St. Lawrence River — Cap-Rouge to Montréal, First Edition, 1992 —

Page 3 — Paragraph 29, lines 4 and 5

Delete: Marina Vauquelin

Replace by: “VAUQU”

(L00-014.12)

Page 3 — Delete paragraph 26.

(L00-017.1)

Page 58 — Paragraph 126, line 2 (Re: Correction promulgated in Monthly Edition No. 2/99)

Delete: “Douanes”

Replace by: “DOUAN”

(L00-007.1)

CEN 301 — St. Lawrence River, Montréal to Kingston, First Edition, 1996 —

Page 42 — Paragraph 44, line 1 (Re: Correction promulgated in Monthly Edition No. 1/00)

Delete: light (384), a direction light

Replace by: Sector light (384),

(C00-078.1)

CEN 302 — Lake Ontario, First Edition, 1996 —

Page 49 — Paragraph 119, line 4 – after “shore”

Add: and is marked by **buoys**

(C00-061.1)

Page 54 — Delete paragraph 191.

(C00-069.1)

SECTION 4 - Edition 09/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 60 — After paragraph 269

Insert: ^{269.1} **Caution.** — All vessels in excess of 18.3 m (60 ft) overall height, waterline to topmost extremity, when transiting the Toronto Western Gap from either direction between the hours of 06:15 and 22:45 local time are required to inform, and obtain clearance from, the *Toronto City Centre Airport* on VHF Channel 12, contact name “City Centre Airport”. Notification to be made when abeam of, and then when clear of, *West Entrance light buoy T (513) and Light buoy TT14 (518.6)*.

^{269.2} All vessels in excess of 18.3 m (60 ft), as above, maneuvering in Humber Bay, must contact the *Toronto City Centre Airport* when one mile off the airport and/or when requiring clearance through the Western Gap, during the times noted above.

^{269.3} All vessels in excess of 18.3 m (60 ft), as above, maneuvering in Inner Harbour during the times noted above, must remain east of *buoys EKO-15 and EKO-16* when in line with the *Toronto City Centre Airport*.

(C00-066.1)

Page 60 — Paragraph 270, line 3

Delete: main runway

Replace by: runways

(C00-066.2)

Page 76 — Paragraph 150, line 2

Delete: “south pier” to end of sentence.

Replace by: inner and outer ends of the south pier.

(C00-077.1)

Page 77 — Delete paragraph 154.

(C00-069.2)

Page 92 — Delete paragraph 115.

(C00-069.3)

CEN 303 — Welland Canal and Lake Erie, First Edition, 1996 —

Page 6 — After paragraph 57

Insert: ^{57.1} A **submerged sewer pipeline** crosses the canal 60 m (197 ft) north of Bridge 5.

(C00-060.1)

Page 26 — Paragraph 59, lines 1 and 2

Delete: “**range lights** ... The front”

(C00-074.1)

Page 26 — Paragraph 59, lines 6 to 8

Delete: “The rear light” to end of paragraph.

(C00-074.2)

SECTION 4 - Edition 09/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 26 — Paragraph 61, line 2 and line 5

Delete: the front leading

Replace by: Port Maitland

(C00-074.3)

Page 32 — Paragraph 159, line 2

Delete: 1.3 miles SSE of Port Dover

Replace by: 1.1 miles SSE of Port Dover West Pier light

(C00-065.1)

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

Page 4 — Paragraph 35, lines 1 to 5

Delete: “Light D51 ... farther north”

Replace by: Light D53 (653), 0.6 mile NNE of the Bar Point rear range

(C00-070.1)

CEN 306 — Georgian Bay, First Edition, 1998 —

Page 10 — Paragraph 72, lines 2 and 3

Page 14 — Paragraph 154, lines 2 and 3

Page 15 — Paragraph 179, lines 2 and 3

Delete: , *Great Lakes, Volume 2*

Replace by: *booklet CEN 307 — North Channel of Lake Huron*

(C00-058.1)

Page 14 — Delete paragraph 167

Replace by: ¹⁶⁷ A **rock awash** 0.2 mile NE of Maxwell Point is marked by a red flashing **light** on a mast and by a **buoy**.

(C00-064.1)

Page 22 — Delete paragraph 24.

(C00-064.2)

Page 22 — Paragraph 27, lines 2 to 4

Delete: “SSE end of ... daymark.”

Replace by: east part of the Public wharf, is shown from a red and white historic lighthouse building.

(C00-064.3)

Page 43 — Paragraph 164, line 5 – after “**buoy**.”

Add: A boulder spit, dry 0.4 m, extends 125 m SSE from the SSE side of the island.

(C00-075.1)

Page 71 — After paragraph 76

Insert: ^{76.1} **Caution**. — A **rock awash** lies 095° at a distance of 410 feet (125 m) from the SE corner of this Public wharf.

(C00-075.2)

Page 87 — Paragraph 223, line 2

Delete: *MG*

Replace by: *CMG*

(C00-075.3)

SECTION 4 - Edition 09/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 101 — Paragraph 1, line 4

Delete: 6 feet (1.8 m)

Replace by: 5 feet (1.5 m)

(C00-073.1)

Page 110 — After paragraph 170

Insert: ^{170.1} **Caution.** — **Low water depths** have been reported in Shoal Narrows. The Canadian Coast Guard is in the process of establishing a new channel leading north from *buoy A* to *buoy A71*. Additional buoys have been placed but the channel is not yet complete (May 2000).

(C00-062.1)

Page 112 — After paragraph 212

Insert: ^{212.1} **Caution.** — **Low water depths** have been reported inside the buoyed channel from *buoy A102* to *buoy A147*. The Canadian Coast Guard is in the process of establishing a new channel leading outside Norgate Rocks. Additional buoys have been placed but the channel is not yet complete (May 2000).

(C00-062.2)

Page 112 — After paragraph 222

Insert: ^{222.1} **Caution.** — There are depths of 5 feet (1.5 m) on the track 0.1 mile NE and 0.18 mile north of Red Rock.

(C00-073.2)

Great Slave Lake and Mackenzie River, Seventh Edition, 1989 —

Page xi — Sixth paragraph, line 5

Page 7 — Paragraph 69, line 2

Delete: annually

(C00-067.1)

Page 6 — Paragraph 64, lines 11 to 13

Delete: “Printing and Publishing” to end of paragraph.

(C00-067.2)

Page 7 — Paragraph 73, lines 9 to 12

Delete: “Director General” to end of paragraph.

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

(C00-067.3)

Page 7 — Paragraph 76, lines 6 to 10

Delete: “or the Director General ... V8L 4B2”

(C00-067.4)

SECTION 4 - Edition 09/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Pages 7 and 8 — Paragraph 76, lines 15 to 17

Delete: “Director General” to end of paragraph.

Replace by: Director, Navigation Systems
Canadian Coast Guard
Department of Fisheries and Oceans
Ottawa, ON K1A 0E6

(C00-067.5)

Page 14 — Paragraph 136, line 8

Delete: Edmonton, Alberta

(C00-068.1)

Small Craft Guide, Trent-Severn Waterway, Seventh Edition, 1989 —

Page 77 — After paragraph 15

Insert: 15.1 **Caution.** — A submerged telephone cable is laid from the ramp charted at *Scotsman Point Resort* and along the shore to a point 0.6 mile to the west. Much of the cable is 0.1 mile offshore.

(C00-071.1)

Small Craft Guide, Lake Nipissing, First Edition, 1987 —

Pages 34 and 35 — Delete paragraph 84

Replace by: 84 **Light.** — South East Bay (The Narrows) light, on **Lighthouse Beach**, is shown at an elevation of 9.4 m (31 ft) from a white square tower 8.7 m (29 ft) high with an orange vertical stripe.

(C00-038.1)

SECTION 5 – Edition 09/2000
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
NEWFOUNDLAND							
18.2	<i>Placentia Gut Outer light buoy PX4</i>	47 14 55.1 53 58 00	FI R 4s	.....	.....	Red spar, marked "PX4".	Year round. Chart:4841 Edn 09/00
28.1	<i>Argentia Harbour light buoy A11</i>	47 17 33.5 53 58 51	FI G 4s	.....	.....	Green spar, marked "A11".	Year round. Chart:4841 Edn 09/00
36.2	<i>Fox Harbour Inner light buoy AF4</i>	47 19 12 53 55 22	FI R 4s	.....	.....	Red spar, marked "AF4".	 Chart:4841 Edn 09/00
279.65	<i>Charlottetown Inner light buoy NM12</i>	52 46 33 55 07 00	FI R 4s	.....	.....	Red spar, marked "NM12".	Seasonal. Chart:4702 Edn 09/00
279.8	<i>Lady Arm Shoal light buoy NL12</i>	52 56 17.4 55 53 36	FI R 4s	.....	.....	Red spar, marked "NL12".	Seasonal. Chart:4702 Edn 09/00
324.6	<i>Fairway Rocks South Cardinal light buoy NVR</i>	56 31 53 60 47 08.5	VQ(6) +LFI	W 10s	.....	Yellow and black, marked "NVR".	Seasonal. Chart:4748 Edn 09/00
352.8	<i>Mussel Bed Rocks light buoy DBE7</i>	49 18 55.2 54 58 21	FI G 4s	.....	.....	Green spar, marked "DBE7".	Seasonal. Chart:4865 Edn 09/00
449.5	<i>Brandy Rocks North cardinal light and bell buoy JBR</i>	48 42 16.8 53 03 20.4	VQ W 0.5s	.....	.....	Black and yellow, marked "JBR".	Seasonal. Chart:4854 Edn 09/00
486.65	<i>Mouse Rock light buoy CP2</i>	47 26 53 53 11 35	FI R 4s	.....	.....	Red spar, marked "CP2".	Seasonal. Chart:4847 Edn 09/00
491.58	St. Phillips Wharf	47 35 34 52 53 12	FI G		.....	Cylindrical mast. 2.1	Year round. Chart:4847 Edn 09/00
497.11	<i>Manuels River light buoy CW5</i>	47 32 25 52 57 12	FI G 4s	.....	.....	Green spar, marked "CW5".	Seasonal. Chart:4847 Edn 09/00
497.12	<i>Little Bell Island light buoy CW4</i>	47 34 21 52 57 28	FI R 4s	.....	.....	Red, marked "CW4".	Seasonal. Chart:4847 Edn 09/00
497.14	<i>Kellys Island light buoy CW8</i>	47 32 15 53 02 45	FI R 4s	.....	.....	Red spar, marked "CW8".	Seasonal. Chart:4847 Edn 09/00
499.1	<i>Cape St. Francis North cardinal light buoy MSF</i>	47 48 44.5 52 46 01	Q Q 1s	.....	.....	Black and yellow, marked "MSF".	Seasonal. Chart:4847 Edn 09/00

SECTION 5 – Edition 09/2000
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
6 H4192	Machias Seal Island	On summit of island. 44 30 07 67 06 07	FI W 3s	25.0	17	White octagonal tower, red top. 18.3	Flash every 3 s. Emergency light. Year round. Horn - Blast 3s; sil. 3s; blast 3s; sil. 51s. Horn points 065°. Chart:4340 Edn 09/00
278.5 H3817.6	Ram Island	On S. end of ledge. 43 42 09.9 66 02 31.5	FI G 4s	4.0	.....	Green skeleton tower. 6.9	Radar reflector. Year round. Chart:4244 Edn 09/00
443 H3698	Cross Island	E. point of island. 44 18 43.7 64 10 06.4	FI W 10s	24.9	16	White tower. 8.7	Flash every 10 s. Emergency light. Year round. Horn – Blast 3s; sil. 3s; blast 3s; sil. 51s. Horn points 164°. Chart:4328 Edn 09/00
527 H3607	Maugher Beach	Near W. end of beach. 44 36 08.2 63 32 01	FI Y 30s	17.4	14	White octagonal tower. 17.8	Flash 1 s; eclipse 29 s. Emergency light. Year round. Chart:4203 Edn 09/00
560	<i>Dartmouth Yacht Club light buoy HY6</i>	44 41 59 63 36 48	FI R 4s	.....	.....	Red, marked "HY6".	Seasonal. Maintained by Dartmouth Yacht Club Chart:4201 Edn 09/00
811.1	<i>MacRae Point light buoy Q20</i>	46 06 32.2 60 39 56.2	FI R 4s	.....	.....	Red, marked "Q20".	 Chart:4278 Edn 09/00
811.2	<i>Fraser Point light buoy Q21</i>	46 06 19.2 60 39 56.2	FI G 4s	.....	.....	Green, marked "Q21".	 Chart:4278 Edn 09/00
812	<i>MacRae Point Shoal light buoy QA</i>	46 06 02 60 40 31.1	FI G (2+1)	6s	.....	Green, red and green, marked "QA".	Winter spar Year round. Chart:4278 Edn 09/00
813.5	<i>Bone Shoal light buoy A2</i>	46 05 19.5 60 44 27.5	FI R 4s	.....	.....	Red, marked "A2".	Seasonal. Chart:4278 Edn 09/00
814	<i>Bone Island light buoy A3</i>	At N. edge of shoal off Bone Island. 46 05 03.6 60 44 52.5	FI G 4s	.....	.....	Green, marked "A3".	Winter spar. Year round. Chart:4278 Edn 09/00

SECTION 5 – Edition 09/2000
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
815 H800	Kidston Island	On NE. point, entrance to Baddeck Harbour. 46 05 53.3 60 44 31.3	Fl G 12s	13.3	6	White structure. 14.3	Flash 2 s; eclipse 10 s Seasonal. Chart:4278 Edn 09/00
815.1 H801	Kidston Island West End	46 05 33.2 60 45 00.7	F R	13.4	9	White cylindrical tower, two red horizontal bands. 10.6	Seasonal. Chart:4278 Edn 09/00
815.3	Stony Shoal light buoy A4	46 04 54.5 60 46 18.4	Fl R 4s	.....	.....	Red, marked "A4".	Seasonal. Chart:4278 Edn 09/00
816	Brian Point light buoy A9	Off point. 46 03 38.2 60 51 56.3	Fl G 4s	.....	.....	Green, marked "A9".	Seasonal. Chart:4278 Edn 09/00
817	Maclvers Point light buoy A11	N. of point. 46 02 27.2 60 55 33.3	Q G 1s	.....	.....	Green, marked "A11".	Winter spar. Year round. Chart:4278 Edn 09/00
818	Maclvers Point West light buoy A13	W. of point. 46 02 12.2 60 55 40	Fl G 4s	.....	.....	Green, marked "A13".	Seasonal. Chart:4278 Edn 09/00
818.5	Maclvers Point light buoy A14	46 02 05.4 60 55 47.7	Fl R 4s	.....	.....	Red, marked "A14".	Winter spar. Year round. Chart:4278 Edn 09/00
819	Maclvers Point light buoy A16	46 01 58.7 60 55 58.3	Q R 1s	.....	.....	Red, marked "A16".	Seasonal. Chart:4278 Edn 09/00
820 H802	Maclvers Point range	On shore. 46 02 05.7 60 55 27.8	F W	3.6	.....	Skeleton mast, white daymark, red vertical stripe. 3.4	Seasonal.
821 H802.1		066°23' 33m from front.	F W	8.0	.....	Triangular skeleton mast, enclosed lower portion, white daymark, red vertical stripe. 6.5	Seasonal. Chart:4278 Edn 09/00
822	Maclvers Bank East light buoy A17	46 01 48.7 60 56 18.3	Fl G 4s	.....	.....	Green, marked "A17".	Seasonal. Chart:4278 Edn 09/00
823	Maclvers Bank light buoy A19	46 01 35.4 60 56 54.3	Q G 1s	.....	.....	Green, marked "A19".	Seasonal. Chart:4278 Edn 09/00

SECTION 5 – Edition 09/2000
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
ATLANTIC							
823.1	Little Narrows Gypsum light buoy LN3	46 01 29 60 55 42.1	Q G 1s	.....	.....	Green, marked "LN3"	Privately maintained by Little Narrows Gypsum. Chart:4278 Edn 09/00
823.2	Little Narrows Gypsum light buoy LN4	46 01 54.5 60 55 42.9	Fl R 4s	.....	.....	Red, marked "LN4"	Privately maintained by Little Narrows Gypsum. Chart:4278 Edn 09/00
823.3	Little Narrows Gypsum light buoy LN5	46 01 47.9 60 55 29.6	Fl G 4s	.....	.....	Green, marked "LN5"	Privately maintained by Little Narrows Gypsum. Chart:4278 Edn 09/00
823.4	Little Narrows Gypsum light buoy LN6	46 01 37 60 55 31.3	Q R 1s	.....	.....	Red, marked "LN6"	Privately maintained by Little Narrows Gypsum. Chart:4278 Edn 09/00
823.5	Little Narrows Gypsum light buoy LN7	46 01 28.2 60 55 32.7	Fl G 4s	.....	.....	Green, marked "LN7"	Privately maintained by Little Narrows Gypsum. Chart:4278 Edn 09/00
823.6	Little Narrows Gypsum light buoy LN8	46 01 29 60 55 42.3	Fl R 4s	.....	.....	Red, marked "LN8"	Privately maintained by Little Narrows Gypsum. Chart:4278 Edn 09/00
823.7	Little Narrows Gypsum light buoy LN9	46 01 23.5 60 55 52.6	Fl G 4s	.....	.....	Green, marked "LN9"	Privately maintained by Little Narrows Gypsum. Chart:4278 Edn 09/00
825 H803	Morrisons Cove range	On shore. 46 00 40.9 60 56 18	F Y	3.3	.....	Triangular skeleton mast, white daymark, red vertical stripe. 2.7	Seasonal.
826 H803.1		195°33' 639.6m from front.	F Y	6.8	.....	Triangular skeleton mast, white daymark, red vertical stripe. 6.5	Seasonal. Chart:4278 Edn 09/00
828	Donald Williams Point light buoy A22	NE. of point. 46 00 39.1 60 57 34.1	Fl R 4s	.....	.....	Red, marked "A22".	Winter spar. Year round. Chart:4278 Edn 09/00
829	Eel Shoal light buoy A25	W. end of shoal. 46 00 20.3 60 57 43	Fl G 4s	.....	.....	Green, marked "A25".	Winter spar Year round. Chart:4278 Edn 09/00

SECTION 5 – Edition 09/2000
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics		Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals	
829.5 H804.4	Little Narrows range	SW. of Gypsum Plant. 45 59 49.2 60 58 08.2	F	Y	4.7	.....	Triangular skeleton mast, white daymark, red vertical stripe. 3.5	Seasonal.
829.6 H804.41		206°44' 127.6m from front.	F	Y	10.2	.....	Triangular skeleton mast, white daymark, red vertical stripe. 3.4	Seasonal. Chart:4278 Edn 09/00
830 H804	Little Narrows	At E. entrance. 45 59 45.8 60 58 50.4	F	W	10.5	12	White cylindrical tower, two red horizontal bands. 9.1	Seasonal. Chart:4278 Edn 09/00	
831 H806	Whycocomagh	On Lovett Point, N. side of channel. 45 57 40.6 61 04 40.5	F	W	7.0	11	Triangular skeleton mast, enclosed lower portion. 6.1	Seasonal. Chart:4278 Edn 09/00	
832 H812	Gillis Point	S. side of entrance to Maskells Harbour. 46 01 22.7 60 46 36	Fl	W	4s	22.6	6	White tower. 11.3	Seasonal. Chart:4278 Edn 09/00
834 H818	Grand Narrows Bridge	On centre of swing bridge between Kelly and Uniacke Points. 45 57 31.8 60 47 49.3	F	R G W	.....	.....	Centre of superstructure.	Lights show red up and down channel when swing bridge is closed, green when open. White light is always visible. Maintained by railway. Year round. Chart:4278 Edn 09/00
835 H822	Derby Point	On point. 45 56 22.4 60 48 04.2	Fl	R	4s	15.7	6	Triangular skeleton mast, enclosed lower portion, red and white rectangular daymark. 6.7	Seasonal. Chart:4278 Edn 09/00
1738 H2064	Pointe Rocheuse	On hill, E. of harbour. 48 44 21.5 69 02 53.3	Fl	W	5s	19.6	15	Square skeleton tower. 15.2	Flash every 5 s Year round. Chart:1236 Edn 09/00
1754.2 H2090	Anse aux Basques range	On outer end of wharf. 48 19 05.3 69 24 51	F	R	6.7	.....	Red and white square skeleton tower, fluorescent orange daymark, black vertical stripe. 4.6	Visible in line of range. Year round.
1754.3 H2090.1		301°48' 69m from front.	F	R	12.2	.....	Red and white square skeleton tower, fluorescent orange daymark, black vertical stripe. 4.6	Visible in line of range. Year round. Chart:1235 Edn 09/00
1823.6	Club Nautique Roberval							Delete from List. Chart:6100 Edn 09/00	

SECTION 5 – Edition 09/2000
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
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ATLANTIC

1844 H2194	Pointe-au-Pic	On inner side of wharf. 47 37 21.1 70 08 24.2	FI R 5s	19.5	20	Square skeleton tower. 18.3	Flash every 5 s Year round.	Chart:1234 Edn 09/00
1849 H2202	Cap-aux-Oies	On cape. 47 29 17.6 70 13 53.2	FI W 5s	15.5	15	Square skeleton tower. 9.1	Flash every 5 s Year round.	Chart:1233 Edn 09/00
1989.6	<i>Traverse Cap-Santé light buoy Q53</i>						<i>Delete from List.</i>	Chart:1314 Edn 09/00
1990	<i>Traverse Cap-Santé light buoy Q54</i>	46 39 15.9 71 46 17.1	<i>FI R 4s</i>	<i>.....</i>	<i>.....</i>	<i>Red, marked "Q54".</i>	<i>Winter spar. Year round.</i>	Chart:1314 Edn 09/00
1990.6	<i>Traverse Cap-Santé light buoy Q55</i>	46 39 36.3 71 47 40.9	<i>FI G 4s</i>	<i>.....</i>	<i>.....</i>	<i>Green, marked "Q55".</i>	<i>Winter spar. Year round.</i>	Chart:1314 Edn 09/00
1991	<i>Traverse Cap-Santé light buoy Q56</i>						<i>Delete from List.</i>	Chart:1314 Edn 09/00
1993.7 H2343	Pointe-au-Platon	On point. 46 40 12.4 71 50 48.4	Iso Y 2s	10.2	6	Red and white square skeleton tower, 2 fluorescent orange rectangular slatwork daymarks on N. and W. faces. 9.1	Visible from 087°45' through E., S. and W. to 272°. Year round. In case of breakdown only, the characteristic of the light changes to: Flash 6 s; eclipse 0.5 s; flash 5 s; eclipse 1 s; flash 1 s; eclipse 7 s. Radar reflector.	Chart:1314 Edn 09/00
1995 H2344	Traverse Cap-Santé range	E. of Rivière Portneuf mouth. 46 41 23.8 71 52 35.2	F G	10.7	<i>.....</i>	White cylindrical mast, fluorescent orange slatwork daymark, black vertical stripe. 10.7	Visible in line of range. Emergency light. Year round.	
1996 H2344.1		296°56' 599.6m from front.	F G	23.5	18	Rectangular skeleton tower, fluorescent orange slatwork daymark, black vertical stripe. 15.3	Visible in line of range. Emergency light. Year round.	Chart:1314 Edn 09/00

SECTION 5 – Edition 09/2000
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics			Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals	
1997 H2346	Portneuf range	On N. shore E. of Rivière Portneuf. 46 41 22.7 71 52 12.9	F	G	20.0	18	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 18.3	Visible in line of range. Emergency light. Year round.		
1998 H2346.1							028°29' 600.4m from front.		F	G	40.7	18	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 15.3	Chart:1314 Edn 09/00
2013 H2354	Pointe Langlois	On S. shore E. of point. 46 35 01.9 71 59 25	Iso	G	2s	21.5	6	Square skeleton tower, 3 fluorescent orange rectangular daymarks on E., N. and W. faces. 10.6	Flash 1 s; eclipse 1 s. Emergency light. Year round. Radar reflector.	Chart:1314 Edn 09/00
2015 H2358	Leclercville (St. Emmélie) range	On S. shore. 46 33 44.6 72 00 49	F	G	37.4	.....	.....	White skeleton tower, fluorescent orange slatwork daymark, black vertical stripe. 10.7	Visible from 093° through S. to 197°. Night emergency light. Visible in line of range. Year round.	
2016 H2358.1								092°42' 1041.5m from front.		F	G	56.7	18	White skeleton tower, fluorescent orange slatwork daymark, black vertical stripe. 10.9	Chart:1314 Edn 09/00
2019 H2356	Calvaire range	W. of Cap Charles. 46 33 22 72 05 10.9	F	G	39.3	18	.....	.....	White skeleton tower, fluorescent orange slatwork daymark, black vertical stripe. 8.5	Visible in line of range. Emergency light. Year round. Visible from 360°.
2020 H2356.1									238°29' 615.6m from front.		F	G	56.4	18	Red skeleton tower, fluorescent orange slatwork daymark, black vertical stripe. 19.8	Chart:1314 Edn 09/00
2027 H2360	La Pérade range	On île à la Batture. 46 34 02.8 72 10 23.9	F	G	18.0	14	White skeleton tower, fluorescent orange slatwork daymark, black vertical stripe. 12.6	Emergency light. Visible in line of range. Year round.
2028 H2360.1									272°34' 1210.7m from front.	

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LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
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INLAND WATERS

1	<i>Canal de la rive Sud light buoy V5</i>	45 27 37.1 73 30 06.5	Fl G 4s	<i>Green spar, marked "V-5".</i>	Chart:1409 Edn 09/00	
2	<i>Canal de la rive Sud light buoy V9</i>	45 26 57 73 30 03.6	Fl G 4s	.....	.....	<i>Green spar, marked "V-9".</i>	Chart:1409 Edn 09/00	
30.5	Pointe Fortier	NE. of Point. 45 21 10.9 73 53 45.4	F Y	16.8	11	White cylindrical mast, fluorescent orange rectangular daymark. 9.7	Visible at the centre of the E. entrance to Beauharnois Lock. Operates at night only. Seasonal.	Chart:1410 Edn 09/00
537	Burlington Canal South Pier Inner						Delete from List	Chart:2067 Edn 09/00
548	Fort Mississauga						Delete from List.	Chart:2043 Edn 09/00
836	Owen Sound range	E. side of Sydenham River mouth. 44 34 39.6 80 56 28	F G	15.0	.....	Skeleton tower, red and white horizontally striped daymarks, white upper portion, orange vertical stripe. 13.0	Visible in line of range. Seasonal.	
837		195°18' 315.5m from front.	F G	28.0	.....	Skeleton tower, red and white horizontally striped daymarks. 26.0	Visible in line of range. Seasonal.	Chart:2283 Edn 09/00
901	Red Rock (Go Home Bay)	On summit of rock, entrance to Go Home Bay. 44 58 12.9 79 57 39.4	Fl W 4s	9.2	.....	White cylindrical mast, red upper and lower portions. 5.5	Seasonal.	Chart:2202 Edn 09/00
1564	<i>Red River Mouth light buoy X</i> Racon - - - (G) X Band	50 25 32 96 49 30	Mo(A) W	.....	.....	<i>Red and white vertical stripes, fluorescent orange top, marked "X".</i>	Year round.	Chart:6242 Edn 09/00
2535	Simik Island - range	68 32 46 89 52 11	F W	13.3	.....	Skeleton tower. 7.6		
2536		092°55' 107.7 m from front	F W	23.8	.....	Skeleton tower. 4.6		Chart:7578 Edn 09/00

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

Navigating Officer or Observer: _____ Captain: _____

Ship (or address) _____

If Merchant Vessel add Line or Company 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

In the case of information Canadian navigational aids or the List Department of Lights, Buoys and Fog Signals.

OR

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

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