



NOTICES TO MARINERS

EASTERN EDITION

Published monthly by the



CANADIAN COAST GUARD

CONTENTS

	Page
Section 1 Safety and General Information	1
Section 2 Chart Corrections	3 - 10
Section 3 Radio Aids to Marine Navigation Corrections	11
Section 4 Sailing Directions and Small Craft Guide Corrections	12 - 16
Section 5 Light List Corrections	17 - 22

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*.

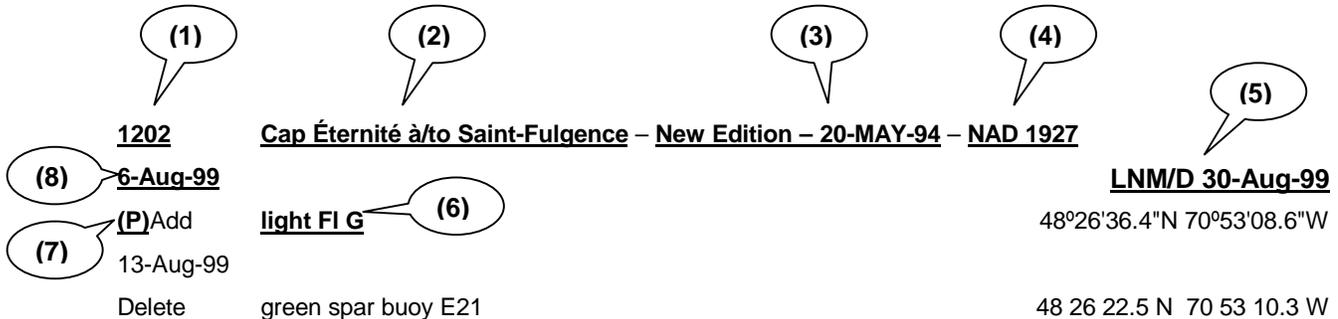
NOTE: Cette publication est aussi disponible en français.

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.



1-Chart Number
2-Chart Title
3-Chart's latest New Edition date
4-Chart Datum

5- Last Correction
6-Chart action
7-Notice type
8- Weekly chart correction date

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

CANADIAN COAST GUARD PUBLICATION - Amendment to the Radio Aids to Marine Navigation (Atlantic and Great Lakes) Publication - 2000.	11
CANADIAN HYDROGRAPHIC SERVICE - Charts.	1
- Publications - New Edition of Sailing Directions.	2
- Raster Electronic Navigation Charts.	1
NDI Digital Oceanä Questionnaire	xvii

NUMERICAL INDEX OF CANADIAN CHARTS AFFECTED

Chart No.	Page	Chart No.	Page	Chart No.	Page
1220	3	4202	7		
1230	3	L/C 4227	7		
L/C 1234	3	4235	8		
L/C 1236	3	L/C 4240	8		
1315	1, 3	4308	8		
1316	4	L/C 4320	8		
1317	4	4381	8		
1350	4	4386	8		
1351	4	4448	8		
1411	4	L/C 4462	8		
1438	4	L/C 4485	8		
1509	4	4529	9		
1510	4	4619	9		
1512	4	L/C 4841	9		
1550	4	L/C 4845	9		
L/C 2000	4	4886	9		
2049	4	4957	9		
L/C 2110	4	6021	10		
L/C 2120	5	6022	10		
L/C 2123	5	6023	10		
2140	5	6100	10		
2181	5	L/C 8007	10		
2203	5	L/C 8010	10		
L/C 2282	7				
2293	7				
L/C 4001	7				
L/C 4013	7				
4142	7				



NDI Digital Ocean[™] Questionnaire

Dear Mariner,

The questionnaire below is an effort to listen to and better serve two groups of mariners - those who already use electronic charts that are officially released by the Canadian Hydrographic Service, and those who may choose to use a digital ocean[™] product in the future. The data collected from you will be used only for NDI's customer service purposes and will not be distributed.

Please take a few moments to complete this questionnaire (available online at www.ndi.nf.ca) and send it to NDI **on or before November 15, 2000.**

Thank you,

Glenn Butt

Marketing, Sales and Distribution Manager

Name: _____

Address: _____

Telephone: _____ E-mail address: _____

1. Do you presently own a digital ocean[™] product?

- € Yes
- € No

2. If yes, what is the product number?

3. Have you ever updated your digital ocean[™] product?

- € Yes
- € No
- € Not applicable

4. How likely is it that you would purchase an updated digital ocean[™] product annually if offered a discounted price?

- € Very likely
- € Somewhat likely
- € Not at all

5. How would you prefer to purchase or update a digital ocean[™] CD?

- € NDI direct
- € NDI Dealer
- € NDI E-Commerce site
- € Other _____

6. If you are a current user, what changes or additions would you like to see made to the digital ocean[™] CD's?

7. What is the size of your vessel?

- € I do not own a boat
- € Canoe, Kayak, etc.
- € 4.5m (15') or less
- € 4.5 – 6.1m (15' – 20')
- € 6.1 – 7.6m (20' – 25')
- € 7.6 – 9.1m (25' – 30')
- € 9.1m (30') or more

8. Age:

- € 16 – 29
- € 30 – 39
- € 40 – 49
- € 50 – 59
- € 60 – over

9. Sex

- Male
- Female

10. Household Income

- € \$29,999 or less
- € \$30,000 - \$49,999
- € \$50,000 - \$69,999
- € \$70,000 – \$99,999
- € \$100,000 or more

Significant discounts are now available for first-time users, available until November 15, 2000. Also, please contact NDI for any information on discounts for digital ocean[™] CD updates.

Toll free: 1-800-563-0634
Email: distrib@ndi.nf.ca

Thank you for taking the time to complete our questionnaire! Please feel free to send along any additional comments or suggestions.

SECTION 1 – Edition 10/2000
SAFETY AND GENERAL INFORMATION

CANADIAN HYDROGRAPHIC SERVICE - Charts.

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
New Edition.					
1315	Québec à/to Donnacona	1:40:000	19 May 2000	1	\$20.00

Note: Please be advised that the list of recently released charts that was included in the September Edition of Notices to Mariners had an error. It showed New Edition of Chart 4237 as L/C 4237. Please note that this New Edition of Chart 4237 is not a Loran C chart.

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.			
2058R/M	Cobourg to/à Oshawa	25 Feb 2000	See Note 2
2205R/M	Killarney to/à Little Current	30 Jun 2000	See Note 2
2291R/M	Pt. Clark to/à Southampton	31 Mar 2000	See Note 2
New Editions.			
1235R/M	Pointe au Boisvert à/to Cap de la Tete au Chien	31 Mar 2000	See Note 2
1310R/M	Port de Montréal	24 Mar 2000	See Note 2
2006R/M	Upper Gap to/à Telegraph Narrows	31 Mar 2000	See Note 2
2069R/M	Picton to/à Presqu'île Bay	19 May 2000	See Note 2
2085R/M	Toronto Harbour	18 Feb 2000	See Note 2
2235R/M	Cape Hurd to/à Lonely Island	24 Sep 1999	See Note 2
2274R/M	Cape Hurd to/à Tobermory and/et Cove Island	07 Apr 2000	See Note 2
4124R/M	Harbours in the Bay of Fundy/Ports dans la baie de Fundy Southwest Coast / Côte Sud-Ouest	07 Apr 2000	See Note 2
4201R/M	Halifax Harbour - Bedford Basin	11 Aug 2000	See Note 2

**SECTION 1 – Edition 10/2000
SAFETY AND GENERAL INFORMATION**

CHARTS	MAIN TITLE	PUBLISHED	PRICE
New Editions.			
4203R/M	Halifax Harbour - Black Point to/à Point Pleasant	14 Apr 2000	See Note 2
4235R/M	Barren Island to/à Taylors Head	28 Apr 2000	See Note 2
4624R/M	Long Island to/a St. Lawrence Harbours	07 Jan 2000	See Note 2

CANADIAN HYDROGRAPHIC SERVICE - Publications - New Edition of Sailing Directions.

The First Edition of Sailing Directions booklet *CEN 305 - Lake Huron, St. Marys River, Lake Superior* is now available. This booklet applies to Canadian waters along the route between Sarnia and Thunder Bay. This new booklet cancels the remaining sections of *Sailing Directions, Great Lakes, Volume 2, 1993*. All relevant information published in Canadian Notices to Mariners up to and including **Monthly Edition No. 7 of 2000** has been incorporated in this edition. The price of CEN 305 is \$19.95.

Corrections in **Section IV** and **Section V** of this Monthly Edition of Notices to Mariners may apply to this new publication.

**SECTION 2 – Edition 10/2000
CHART CORRECTIONS**

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

20-OCT-2000.		LNM/D. 15-SEP-2000
Amend	(Priv) F to read (Priv) F Y	50°11`23.7"N 066°22`16.9"W
Amend	F (Priv) to read F Y (Priv)	50°11`11.8"N 066°22`01.3"W
27-OCT-2000.		LNM/D. 20-OCT-2000
	On certain copies	
Replace	yellow spherical buoy "Priv" with yellow cautionary spar buoy "Priv"	50°13`14.4"N 066°28`47.8"W
	On certain copies	
Replace	yellow spherical buoy "Priv" with yellow cautionary spar buoy "Priv"	50°13`14.4"N 066°28`37.7"W
	On certain copies	
Replace	yellow spherical buoy "Priv" with yellow cautionary spar buoy "Priv"	50°13`08.0"N 066°28`37.7"W
	On certain copies	
Replace	yellow spherical buoy "Priv" with yellow cautionary spar buoy "Priv"	50°13`08.0"N 066°28`47.8"W

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

20-OCT-2000.		LNM/D. 15-SEP-2000
Amend	(Priv) F 13m to read (Priv) F Y 13m	50°11`23.7"N 066°22`16.9"W
Amend	F (Priv) to read F Y (Priv)	50°11`11.8"N 066°22`01.3"W

1230 - Cap-Chat - New Edition - 29-FEB-1980 - Nad 1927

27-OCT-2000.		LNM/D. 01-SEP-2000
Add	green spar light buoy FI G marked HA1	49°05`58.5"N 066°41`30.3"W
Add	red spar light buoy FI R marked HA2	49°05`57.7"N 066°41`33.4"W
Add	light FI Y 6s 18m 8M	49°06`01.5"N 066°41`17.9"W

Due to the wrong positioning of the breakwater depicted on the Cap-Chat Plan, the advertised position of the light will plot in the water. A chart amendment patch will be produced at a later date to rectify this situation.

L/C1234 - Pointe-au-Pic - New Edition - 24-JUL-1998 - NAD 1983

27-OCT-2000.		LNM/D. 28-JUL-2000
Add	drying height of 0 metres	47°37`25.3"N 070°08`24.3"W

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

27-OCT-2000.		LNM/D. 29-SEP-2000
Add	light FI Y 6s 18m 8M	49°06`01.7"N 066°41`15.7"W
Add	breakwater	joining 49°05`55.3"N 066°41`11.6"W
		49°06`02.0"N 066°41`15.4"W
		and 49°05`58.7"N 066°41`26.6"W

1315 - Québec à/to Donnacona - New Edition - 19-MAY-2000 - NAD 1983

13-OCT-2000.		LNM/D. 31-MAR-2000
Delete	spoil ground	joining 46°47`35.6"N 071°12`12.3"W
		46°47`32.1"N 071°12`03.3"W
		46°47`20.6"N 071°12`11.3"W
		46°47`25.6"N 071°12`23.3"W
		and 46°47`35.6"N 071°12`12.3"W

**SECTION 2 – Edition 10/2000
CHART CORRECTIONS**

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

13-OCT-2000. LNM/D. 29-SEP-2000
Delete spoil ground joining 46°47'35.6"N 071°12'12.3"W
46°47'32.1"N 071°12'03.3"W
46°47'20.6"N 071°12'11.3"W
46°47'25.6"N 071°12'23.3"W
and 46°47'35.6"N 071°12'12.3"W

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

27-OCT-2000. LNM/D. 13-OCT-2000
Replace green buoy symbol with red buoy symbol 46°56'45.5"N 070°51'04.9"W

1317 - Continuation A - New Edition - 15-JAN-1999 - NAD 1983

13-OCT-2000. LNM/D. 15-SEP-2000
Delete spoil ground 46°47'29.0"N 071°12'14.0"W

1350 - Sorel a/to Ruisseau Lahaise - Sheet 1 - New Chart - 06-JUL-1984 - Nad 1927

20-OCT-2000. LNM/D. (2101-1999)
Reposition green light buoy E45 from 45°55'32.1"N 073°09'27.0"W
to 45°55'32.0"N 073°09'24.8"W

1350 - Ruisseau Lahaise à/to Saint-Antoine-sur-Richelieu - Sheet 2 - New Chart - 06-JUL-1984 - Nad 1927

20-OCT-2000. LNM/D. (2101-1999)
Reposition green light buoy E45 from 45°55'32.1"N 073°09'27.0"W
to 45°55'32.0"N 073°09'24.8"W

1351 - Pointe Naylor au Lac/to Lake Champlain - Sheet 4 - New Chart - 21-SEP-1984 - Nad 1927

13-OCT-2000. LNM/D. (1929-1998)
Reposition red, starboard spar buoy, marked E554. from 45°01'17.9"N 073°20'52.4"W
to 45°01'22.2"N 073°20'48.9"W
Reposition red, starboard spar buoy, marked E556. from 45°01'08.4"N 073°20'47.9"W
to 45°01'12.0"N 073°20'45.0"W

1351 - Quai des Douanes/Customs Wharf - Sheet 4 - New Chart - 21-SEP-1984 - Nad 1927

13-OCT-2000. LNM/D. (1929-1998)
Delete red, starboard hand, spar buoy, marked E554 132°, 435 m (1427 ft) from
triangulation point Dou

1411 - Canal de Beauharnois, Lac Saint-Louis au/to Lac Saint-Francois - New Edition - 02-AUG-1996 - Nad 1927

20-OCT-2000. LNM/D. 14-JUL-2000
Amend QG to read FI G 45°14'35.5"N 073°59'00.0"W

1438 - Grindstone Island to/a Carleton Island - New Edition - 06-OCT-1995 - NAD 1983

20-OCT-2000. LNM/D. (2304-1999)
(P)Delete green, port hand, spar buoy, marked J5/1 44°19'27.0"N 076°07'42.0"W

1509 - A à B - Sheet 1 - New Chart - 18-MAY-1990 - NAD 1983

20-OCT-2000. LNM/D. 28-JUL-2000
Delete red spar buoy marked HD36. 45°31'19.9"N 073°53'30.3"W
Delete red spar buoy marked HD46. 45°31'10.6"N 073°54'16.0"W

**SECTION 2 – Edition 10/2000
CHART CORRECTIONS**

1510 - Carillon au/to Lac Saint-Louis - Sheet 1 - New Edition - 23-JAN-1998 - Nad 1927

13-OCT-2000.		LNM/D. (1735-1999)
Affix	patch	45°24`00.0"N 073°56`00.0"W
Affix	patch	45°21`00.0"N 073°58`00.0"W

1510 - Baie de Vaudreuil à/to Laval - Sheet 2 - New Edition - 23-JAN-1998 - Nad 1927

13-OCT-2000.		LNM/D. (1735-1999)
Affix	patch	45°24`12.0"N 073°57`24.0"W

1512 - Ottawa to/à Long Island - Sheet 1 - New Edition - 03-AUG-1984 - Nad 1927

13-OCT-2000.		LNM/D. 04-AUG-2000
Amend	Adjoining Chart/Carte adjacente 1511 to read "Adjoining Chart/Carte adjacente 1515"	right border at 45°27`40.5"N 75°41`28"W (Approx)

1550 - Britannia Bay - New Edition - 05-JAN-1996 - Nad 1927

20-OCT-2000.		
Reposition	green, port hand, spar buoy, marked K1	from 45°21`47.5"N 075°49`10.0"W to 45°21`46.0"N 075°49`06.0"W

1550 - Britannia Bay à/to Breckenridge - New Edition - 05-JAN-1996 - Nad 1927

20-OCT-2000.		
Reposition	red, starboard hand, spar buoy, marked KN2	from 45°21`29.0"N 075°49`29.5"W to 45°21`32.0"N 075°49`31.0"W
Amend	legend KN2 to read KN6 against red spar buoy	45°21`32.0"N 075°49`31.0"W
Reposition	green, port hand, spar buoy, marked K1	from 45°21`47.5"N 075°49`10.0"W to 45°21`46.0"N 075°49`06.0"W
Add	green, port hand, spar buoy, marked KN5	45°21`32.0"N 075°49`12.0"W

L/C2000 - Lake Ontario/Lac Ontario - New Edition - 10-APR-1998 - NAD 1983

20-OCT-2000.		LNM/D. (1523-1998)
Amend	Fl 4s 14m 5M to read Iso 2s 14m 5M	43°56`13.0"N 076°51`35.0"W

2049 - Whitby Harbour - New Chart - 10-MAY-1985 - Nad 1927

20-OCT-2000.		LNM/D. (540-1996)
Delete	rear range light	43°51`06.2"N 078°55`39.4"W
	The Whitby Harbour Rear Range light F R 18m has been permanently discontinued, therefore the range line and bearing of 353° should be removed. The FR 10m light remains unchanged at the Front Range position.	

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

06-OCT-2000.		LNM/D. (738-1999)
Reposition	red, starboard hand, spar buoy, marked ED4	from 42°46`23.8"N 080°11`35.0"W to 42°46`19.4"N 080°11`48.7"W
13-OCT-2000.		LNM/D. 06-OCT-2000
Reposition	red light, starboard hand pillar buoy Fl R, marked ED2	from 42°45`53.0"N 080°11`05.0"W to 42°45`50.1"N 080°11`41.2"W

**SECTION 2 – Edition 10/2000
CHART CORRECTIONS**

L/C2120 - Niagara River to/a Long Point - New Edition - 06-NOV-1998 - NAD 1983

13-OCT-2000. LNM/D. 09-JUN-2000

Delete rear range light 42°51`20.0"N 079°34`45.0"W

The Port Maitland rear range light FG 23m has been permanently discontinued. The range line and bearing of 021° should be removed. The Front Range has been amended to an Iso G light and remains in same position.

Amend F G to read Iso G against light 42°51`11.0"N 079°34`50.0"W

The Port Maitland rear range light FG 23m has been permanently discontinued. The range line and bearing of 021° should be removed. The Front Range has been amended to an Iso G light and remains in same position.

Reposition red light, starboard hand pillar buoy FI R, marked ED2 from 42°45`53.0"N 080°11`05.0"W
to 42°45`50.1"N 080°11`41.2"W

L/C2123 - Pelee Passage to/à la Detroit River - New Edition - 12-MAR-1993 - Nad 1927

06-OCT-2000. LNM/D. (750-1999)

Amend FG to read Iso G against light 42°00`36.0"N 082°46`45.0"W

2140 - Continuation A - New Chart - 16-SEP-1988 - NAD 1983

13-OCT-2000. LNM/D. (275-1995)

Delete rear range light F G 23m 42°51`19.0"N 079°34`43.0"W

The Port Maitland rear range light FG 23m has been permanently discontinued. The range line and bearing of 021° should be removed. The Front Range has been amended to an Iso G light and remains in same position.

Amend F G 15m to read Iso G 15m against light 42°51`10.7"N 079°34`47.3"W

The Port Maitland rear range light FG 23m has been permanently discontinued. The range line and bearing of 021° should be removed. The Front Range has been amended to an Iso G light and remains in same position.

2181 - Port Dover - New Edition - 10-NOV-1989 - Nad 1927

06-OCT-2000. LNM/D. (1917-1999)

Reposition red, starboard hand, spar buoy, marked ED6 from 42°46`41.5"N 080°11`53.5"W
to 42°46`40.9"N 080°11`54.4"W

2203 - Clark Island to/à Magnetawan River - Sheet 3 - New Edition - 30-JUN-2000 - Nad 1927

13-OCT-2000. LNM/D. 06-OCT-2000

Add rock awash 45°46`18.9"N 080°33`47.5"W

2203 - Isle of Pines to/à Byng Inlet - Sheet 3 - New Edition - 30-JUN-2000 - Nad 1927

20-OCT-2000. LNM/D. 13-OCT-2000

Add rock awash 45°44`11.1"N 080°40`04.7"W

06-OCT-2000. LNM/D. 11-AUG-2000

Add depth of 1 ft 45°46`01.9"N 080°37`26.0"W

2203 - Britt - Sheet 3 - New Edition - 30-JUN-2000 - Nad 1927

13-OCT-2000. LNM/D. 06-OCT-2000

Add rock awash 095°, 125m from SE corner of Public wharf

2203 - Mile/Mille 56 - Sheet 3 - New Edition - 30-JUN-2000 - Nad 1927

20-OCT-2000. LNM/D. 13-OCT-2000

Add rock awash 217°, 1133m from Gereaux Island light

**SECTION 2 – Edition 10/2000
CHART CORRECTIONS**

L/C2282 - Owen Sound to/à Cabot Head - New Edition - 07-JUN-1996 - NAD 1983

27-OCT-2000.		LNM/D. 14-JUL-2000
Add	See Inset Chart 2283/Voir cartouche carte 2283	44°44`44.0"N 081°07`42.0"W
Add	See Inset Chart 2283/Voir cartouche carte 2283	44°36`42.0"N 080°55`50.0"W

2293 - BYNG INLET - New Edition - 11-JUN-1965 - Nad 1927

13-OCT-2000.		LNM/D. 08-SEP-2000
Add	rock awash	45°46`18.9"N 080°33`47.5"W

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

20-OCT-2000.		LNM/D. 13-OCT-2000
Add	rock awash	45°44`11.1"N 080°40`04.7"W

L/C4001 - Gulf of Maine to Strait of Belle Isle /au Detroit de Belle Isle - New Edition - 01-DEC-1995 - NAD 1983

27-OCT-2000.		LNM/D. 04-AUG-2000
Delete	yellow ODAS/SADO light buoy, marked 44140	42°51`07.2"N 051°33`55.8"W

L/C4013 - Halifax to/à Sydney - New Edition - 07-NOV-1986 - Nad 1927

06-OCT-2000.		LNM/D. (2357-1999)
Amend	Fl(3)20s 65ft 13M to read "Fl 7s 65ft 14M"	44°49`28.9"N 062°20`18.6"W

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

13-OCT-2000.		LNM/D. 26-MAY-2000
(T)Add	green port hand spar buoy, marked H11/5	45°50`06.3"N 066°11`16.6"W
(T)Add	red light, starboard hand spar buoy Fl R, marked H10	45°50`04.8"N 066°11`05.1"W
13-OCT-2000.		LNM/D. 26-MAY-2000
(T)Add	green port hand spar buoy, marked H11	45°50`03.9"N 066°11`07.1"W
27-OCT-2000.		LNM/D. 26-MAY-2000
(T)Add	red light, starboard hand spar buoy Fl R, marked H12/6	45°50`07.1"N 066°11`14.6"W

4142 - Grand Lake - Sheet 4 - Reprint - 28-APR-1989 - Nad 1927

06-OCT-2000.		LNM/D. 26-MAY-2000
CANCELS	lights	46°03`24.0"N 066°00`10.0"W
	Notice 815(P)/93 cancelled. This information was included in the 1996 New Edition of this chart.	
CANCELS	light "Fl R"	46°03`24.0"N 066°00`10.0"W
	Notice 815(P)/93 cancelled.	

4202 - Halifax Harbour - Point Pleasant to/à Bedford Basin - New Edition - 31-DEC-1999 - NAD 1983

27-OCT-2000.		
	Certain copies of 4202 (New Edition Dec 31, 1999) are missing range line information. If you have a chart green stamped with "Corrected Through Notice to Mariners Dec 24, 1999", return the chart to your nearest dealer and receive a new copy free of charge.	
Delete	vertical clearance of 48 metres	44°39`49.7"N 063°35`06.0"W
Add	vertical clearance of 47 metres	44°39`49.7"N 063°35`03.0"W

L/C4227 - Country Harbour to/à Ship Harbour - New Chart - 24-MAY-1991 - NAD 1983

06-OCT-2000.		LNM/D. (564-1999)
Amend	Fl(3)20s 20m 13M to read "Fl 7s 20m 14M"	44°49`29.2"N 062°20`16.0"W

**SECTION 2 – Edition 10/2000
CHART CORRECTIONS**

4235 - Barren Island to/à Taylors Head - New Edition - 28-APR-2000 - NAD 1983

27-OCT-2000.

Amend legend 020 1/2°W 2000 (4) to read 020 1/2°W 2000 (4'E) 44°43`12.0"N 062°26`14.0"W

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

27-OCT-2000.

LNLM/D. 01-SEP-2000

Add wreck WK with known depth of 4 metres, 5 decimetres 43°54`05.4"N 064°47`18.0"W

4308 - Petit-de-Grat Inlet - New Edition - 07-SEP-1984 - Nad 1927

06-OCT-2000.

LNLM/D. (1904-1999)

Reposition red, starboard hand, spar buoy, marked CJ4 from 45°29`23.0"N 060°58`01.0"W

to 45°29`22.8"N 060°58`09.0"W

Amend CJ7 to read CJ5 against green light port hand pillar buoy, QG 45°29`46.0"N 060°57`52.5"W

Add red light, starboard hand pillar buoy QR, marked CJ6 45°29`46.0"N 060°57`49.0"W

L/C4320 - Egg Island to/à West Ironbound Island - New Edition - 26-SEP-1997 - NAD 1983

13-OCT-2000.

LNLM/D. (1131-1999)

Replace red light and bell, starboard hand pillar buoy FI R, marked MA54, with red light and whistle, starboard hand pillar buoy FI R, marked MA54 44°27`19.4"N 064°02`36.7"W

4381 - Mahone Bay - New Edition - 17-JAN-1986 - Nad 1927

13-OCT-2000.

LNLM/D. (1701-1999)

Replace red light and bell, starboard hand pillar buoy FI R, marked MA54, with red light and whistle, starboard hand pillar buoy FI R, marked MA54 44°27`19.0"N 064°02`39.0"W

4386 - St.Margaret's Bay - New Edition - 03-OCT-1986 - Nad 1927

13-OCT-2000.

LNLM/D. 11-AUG-2000

Replace red light and bell, starboard hand pillar buoy FI R, marked MA54, with red light and whistle, starboard hand pillar buoy FI R, marked MA54 44°27`19.0"N 064°02`39.0"W

4448 - Port Hood - New Edition - 27-APR-1990 - Nad 1927

06-OCT-2000.

LNLM/D. (74-1997)

CANCELS light 46°00`51.2"N 061°33`26.2"W

Notice 649(P)/93 cancelled.

Amend FI R to read, FI R (Priv) 46°00`51.2"N 061°33`26.2"W

L/C4462 - St. George's Bay - New Edition - 28-JUN-1985 - Nad 1927

06-OCT-2000.

LNLM/D. (1124-1999)

CANCELS light 46°00`51.2"N 061°33`26.2"W

Notice 649(P)/93 cancelled.

L/C4462 - St. George's Bay - New Edition - 28-JUN-1985 - Nad 1927

06-OCT-2000.

LNLM/D. (1124-1999)

Amend FI R to read, FI R (Priv) 46°00`52.0"N 061°33`26.0"W

L/C4485 - Cap des Rosiers à/to Chandler - New Edition - 26-SEP-1997 - NAD 1983

06-OCT-2000.

LNLM/D. 22-SEP-2000

Add Note: DISPOSITIF DE SEPARATION DU TRAFIC ANNULE in upper right hand corner next to
TRAFFIC SEPARATION SCHEME CANCELLED 64°W longitude.

**SECTION 2 – Edition 10/2000
CHART CORRECTIONS**

4529 - Fogo Harbour and Seal Cove - New Edition - 30-SEP-1988 - Nad 1927

06-OCT-2000.		LNM/D. (165-1997)
Delete	red, starboard hand, conical buoy, marked DF6	49°43`05.0"N 054°16`14.0"W
Add	red light, starboard hand spar buoy FIR, marked DF6	49°43`05.0"N 054°16`14.0"W

4619 - Presque Harbour to Bar Haven Island and Paradise Sound - New Edition - 20-NOV-1998 - NAD 1983

06-OCT-2000.		
Delete	green, port hand, spar buoy, marked PQ3	47°34`52.0"N 054°25`56.0"W
Add	green light, port hand spar bouy FIG, marked PQ3	47°34`51.0"N 054°25`57.0"W

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

20-OCT-2000.		LNM/D. 22-SEP-2000
	On certain copies.	
Delete	red, starboard hand, spar buoy, marked PX6	47°14`58.0"N 053°57`53.4"W
Delete	red light, starboard hand spar buoy FI R, marked PX6	47°14`58.0"N 053°57`53.4"W

L/C4845 - Renews Harbour to/ Motion Bay - New Edition - 12-SEP-1997 - NAD 1983

13-OCT-2000.		LNM/D. 24-MAR-2000
Add	light, FI R	47°05`42.0"N 052°56`45.0"W
Add	red light, starboard hand spar buoy FI R, marked MB2	47°05`23.0"N 052°55`03.0"W
Add	red light, starboard hand spar buoy FI R, marked MB4	47°05`27.0"N 052°56`32.0"W

4886 - Twillingate Harbour - New Chart - 26-DEC-1997 - NAD 1983

27-OCT-2000.		LNM/D. (305-1999)
Replace	port hand spar buoy, marked DT5, with green light, port hand spar buoy FI G, marked DT5	49°39`14.3"N 054°46`04.8"W
Replace	starboard hand spar buoy, marked DT6, with red light, starboardhand spar buoy FI R, marked DT6	49°39`11.4"N 054°46`09.0"W
Replace	starboard hand spar buoy, marked DT8, with red light, starboard hand spar buoy FI R, marked DT8	49°39`06.6"N 054°46`06.7"W
Replace	port hand spar buoy, marked DUR3, with green light, port hand spar buoy FI G, marked DUR3	49°40`03.8"N 054°44`31.0"W
Replace	starboard hand spar buoy, marked DUR6, with red light, starboard hand spar buoy FI R, marked DUR6	49°40`01.0"N 054°44`39.0"W

4886 - Twillingate Fish Harbour Wharf - New Chart - 26-DEC-1997 - NAD 1983

27-OCT-2000.		LNM/D. (305-1999)
Replace	starboard hand spar buoy, marked DT8, with red light, starboard hand spar buoy FI R, marked DT8	49°39`06.6"N 054°46`06.7"W
Replace	starboard hand spar buoy, marked DT10, with red light, starboard hand spar buoy FI R, marked DT10	49°39`00.0"N 054°46`01.3"W

4957 - Havre-Aubert - New Chart - 13-JUL-1990 - NAD 1983

20-OCT-2000.		LNM/D. 21-JUL-2000
Add	depth of 1 metre 5 decimetres	47°14`01.1"N 061°49`46.6"W
Add	depth of 0 metre 2 decimetres	47°14`05.4"N 061°49`35.9"W
Replace	depth of 4 metres 8 decimetres for 1 metre 7 decimetres	47°14`11.3"N 061°49`30.4"W
Add	depth of 4 metres 7 decimetres	47°14`15.9"N 061°49`30.5"W
Add	depth of 4 metres 2 decimetres	47°14`28.5"N 061°49`18.2"W
Replace	depth of 5 metres 3 decimetres with depth of 4 metres 9 decimetres	47°14`30.4"N 061°49`10.4"W
Add	depth of 4 metres 8 decimetres	47°14`33.2"N 061°49`13.0"W
Amend	5,5 m to read 5,2 m (1999)	47°14`03.5"N 061°49`40.5"W

**SECTION 2 – Edition 10/2000
CHART CORRECTIONS**

Amend	5,5 m to read 5,2 m (1999)	47°14`36.0"N 061°49`08.6"W
Replace	depth of 5 metres 1 decimetre with depth of 4 metres 6 decimetres	47°14`31.2"N 061°49`15.6"W

6021 - Lake Muskoka. - Sheet 1 - New Edition - 24-SEP-1999 - NAD 1983

13-OCT-2000.		LNМ/D. 22-SEP-2000
Add	marina	45°01`43.0"N 079°28`50.0"W

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

13-OCT-2000.		LNМ/D. 22-SEP-2000
Amend	Home Island to read Morris Island	45°01`35.0"N 079°32`00.0"W
Add	marina	45°01`43.0"N 079°28`50.0"W

6022 - Lake Rosseau and /et Lake Joseph - Sheet 1 - New Edition - 24-SEP-1999 - NAD 1983

27-OCT-2000.		
Delete	light	45°08`10.0"N 079°33`57.0"W
Add	red light, starboard hand spar buoy FIR, marked M2/2	45°08`11.0"N 079°33`58.0"W

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

27-OCT-2000.		LNМ/D. 29-SEP-2000
Delete	green, port hand, spar buoy, marked D5	45°17`18.0"N 079°02`14.0"W
Add	black, red and black, isolated danger spar buoy, marked D	45°17`19.0"N 079°02`14.0"W

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

13-OCT-2000.		LNМ/D. 15-SEP-2000
Delete	red and white, pillar, light buoy, marked "PER"	48°41`24.0"N 072°06`35.0"W

6100 - Rivière Péribonca - Sheet 3 - New Chart - 15-MAY-1987 - Nad 1927

13-OCT-2000.		LNМ/D. 15-SEP-2000
Delete	pillar, light buoy, marked "PER"	48°41`24.0"N 072°06`35.0"W

L/C8007 - Halifax to/à Sable Island/Île de Sable,Including/y compris Emerald Bank/Banc d'Émeraude and/et Sable Island Bank/Banc de l'Île de Sable - New Edition - 19-AUG-1988 - Nad 1927

06-OCT-2000.		LNМ/D. (1137-1999)
Amend	FI(3)20s 65ft 13M to read "FI 7s 65ft 14M"	44°49`28.9"N 062°20`18.5"W

L/C8010 - GRAND BANK/GRAND BANC SOUTHERN PORTION/PARTIE SUD,ATLANTIC OCEAN/OCEAN ATLANTIQUE - New Edition - 01-AUG-1986 - Nad 1927

27-OCT-2000.		LNМ/D. (128-1996)
Delete	yellow ODAS/SADO light buoy FI (5) Y, marked 44140	42°51`07.2"N 051°33`55.8"W

SECTION 3 – Edition 10/2000
CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

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

Page 2-19

MCTS Port aux Basques, Newfoundland (VOJ)

Under Communications Sites Located at:

Delete	Port aux Basques	47°34'19"N	59°07'57"W
Add	Table Mountain	47°41'11"N	59°16'19"W

Page 2-20

MCTS Port aux Basques/VOJ – Ship/Shore Communications:

Delete Port aux Basques

Add Table Mountain

Same site

Delete Ch14

Add Ch11

Page 2-20

MCTS Port aux Basques/VOJ – Broadcasts:

Time UTC		Frequency
1207	Delete	Port aux Basques*
1207	Add	Table Mountain*

Page 2-21

MCTS Port aux Basques/VOJ – Broadcasts:

Time UTC		Frequency	Contents
1837	Delete	Port aux Basques*	
1837	Add	Table Mountain*	
Continuous	Delete	Port aux Basques*	CMB from Ramea Island and Port-aux-Basques is unilingual English only.
Continuous	Add	Table Mountain*	CMB from Ramea Island and Table Mountain is unilingual English only.

Page 2-21

MCTS Port aux Basques/VOJ – Traffic Lists:

Times	Frequency	Sites
0138 UTC then every 4 hours	Ch27	Delete Port aux Basques Add Table Mountain

Page 3-29 Port aux Basques VTS Zone

Identification and Frequencies

Sector	Identifier	Channel	Frequency (MHz)
1	<i>"Port aux Basques Traffic"</i>	Delete 14 Add 11	Delete 156.700 Add 156.55

SECTION 4 - Edition 10/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Labrador and Hudson Bay, Sixth Edition, 1988 —

Page 157 — Diagram (Re: Correction promulgated in Monthly Edition No. 4/97)
Add a starboard hand spar light **buoy** FIR marked NM12 @ 011°, 203.5 m from the NE corner of the easternmost Public wharf. (N00-16.0)

Page 158 — Paragraph 264.1, last line (Re: Correction promulgated in Monthly Edition No. 6/96)
Add: Starboard hand spar light **buoy** NL12 (279.81) marks the 13 foot (3.9 m) shoal at the entrance to Ladys Arm. (N00-16.1)

Nova Scotia (Atlantic Coast) and Bay of Fundy, First Edition, 1990 —

Page 205 — Paragraph 51, first line
Delete: bell MA52
Replace by: whistle MA54 (A00-008)

Page 310 — Paragraph 181, first line
Delete: Letite Passage light
Replace by: A beacon, a disused light, (A00-009)

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

Page 56 — Paragraph 423, last line
Add: Port hand spar light **buoy** DBE7 (352.8) is moored about 328 feet (100 m) north of Mussel Bed Rocks. (N00-14.5)

Page 62 — Paragraph 508, last line
Add: Port hand spar light **buoy** DT5 (358.193) and starboard hand spar light **buoys** DT6 and DT8 (358.2, 358.3) are moored in the channel between the small islet and the outer end of the breakwater near the fish plant. Starboard hand spar light **buoy** DT10 (358.40) is moored 377 feet (115 m) south of the outer end of the western pier of the wharf close NW of the fish plant. (N00-14.6)

Page 72 — Paragraph 87, line 5 – after “Point.”
Insert: A shoal drying 1 foot (0.3 m) lies 66 feet (20 m) ENE of the eastern tip of Ship Island. Starboard hand spar light **buoy** DF6 (365.8) is moored about 180 feet (55 m) ENE of the eastern tip of the same island. (N00-14.7)

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

Page 2 — Paragraph 7, line 5 – after “Bonavista.”
Insert: North Cardinal pillar light and bell **buoy** JBR (449.5) is moored 0.1 mile north of Brandy Rocks. (N00-14.8)

SECTION 4 - Edition 10/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 34 — Paragraph 328, line 9

Delete: a **buoy**

Replace by: starboard hand spar light **buoy** CP2 (486.65)

(N00-14.9)

Page 38 — Paragraph 360, line 3 – after “Pond.”

Add: Starboard hand spar light **buoy** CW8 (497.14) is moored 0.7 mile WSW of the SW end of Kellys Island.

(N00-15.0)

Page 38 — Paragraph 360, line 5 – after “Island.”

Add: Starboard hand spar light **buoy** CW4 (497.12) is moored 0.5 mile ENE of the NE end of Little Bell Island. Port hand spar light **buoy** CW5 (497.11) is moored 1.6 miles SSE of the SE tip of Little Bell Island.

(N00-15.1)

Page 39 — Paragraph 371, last line

Add: A **light** (491.58) is shown from a mast on the outer end of the NE breakwater.

(N00-15.2)

Page 41 — Paragraph 2, line 3 – after “Cape St. Francis” (Re: Correction promulgated in Monthly Edition No. 10/98)

Delete: “and marked by ... MSF3 (499.1)”

Replace by: and are marked by north cardinal pillar light **buoy** MSF (499.1)

(N00-15.3)

Page 51 — Paragraph 74, last line

Add: Starboard hand lighted spar **buoys** MB2 and MB4 (508.21, 508.22) are moored close south of Saturday Ledge and Harbour Rock respectively.

(N00-15.4)

Page 51 — Paragraph 76, last line

Add: A **light** (508.23) is shown from a mast on the outer end of the Public wharf.

(N00-15.5)

Page 66 — Paragraph 24, line 2 – after “Gut.”

Add: The approach west of the bridge is marked by starboard hand spar light **buoys** PX4 and PX6 (18.2, 18.1).

(N00-15.6)

Page 67 — Paragraph 36, last line

Add: Port hand spar light **buoy** A11 (28.1) is moored 1.3 miles SW of Broad Cove Point.

(N00-15.7)

SECTION 4 - Edition 10/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 69 — Paragraph 49, lines 9 and 10

Delete: “Starboard ... Point.”

Replace by: Starboard hand light **buoy** AF2 (36) and starboard hand spar light **buoy** AF4 (36.2) mark the entrance into Fox Harbour.

(N00-15.8)

Page 90 — Paragraph 242, line 7

Delete: a **buoy**

Replace by: port hand spar light **buoy** PQ3 (51.66)

(N00-15.9)

CEN 307 — North Channel of Lake Huron, First Edition, 2000 —

Cancel corrections promulgated in Monthly Edition No. 6/2000.

Great Lakes, Volume 2, Seventh Edition, 1993 —

The entire book is now cancelled.

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

Page 1 — Paragraph 7, lines 10 and 11

Delete: Canadian Notices to Mariners

Replace by: *Radio Aids to Marine Navigation (Atlantic and Great Lakes)*

(C00-079.1)

Page 1 — Paragraph 8, line 7

Delete: designated reporting facility

Replace by: Inuvik Marine Communications and Traffic Services (MCTS) Centre

(C00-079.2)

Page 2 — Delete paragraph 12.

(C00-079.3)

Page 83 — Paragraph 148, line 2

Delete: north

Replace by: south

(C00-080.1)

Page 85 — Paragraph 164, line 3

Delete: 4.5

Replace by: 5

(C00-080.2)

Page 95 — Paragraph 52, lines 4 and 5

Delete: “and a daybeacon” to end of paragraph.

(C00-080.3)

Page 97 — Paragraph 76, lines 1 and 2

Delete: “Daybeacon ranges ... Mile 319.4”

Replace by: A starboard hand daybeacon at Mile 316.8, a daymark range with RAM at Mile 319.3

(C00-080.4)

SECTION 4 - Edition 10/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 107 — Paragraph 187, lines 2 and 3
Delete: “range daymarks ... 452.3 and”
Replace by: a starboard hand daybeacon at Mile 452.3 and a daymark range with RAM at Mile
(C00-080.5)
- Page 107 — Paragraph 200, lines 1 to 3
Delete: “A daybeacon range ... an unlighted buoy”
Replace by: A starboard hand daybeacon at Mile 472.8 and unlighted buoys.
(C00-081.1)
- Page 110 — Paragraph 223, line 1
Delete: close west of the RAM
(C00-081.2)
- Page 111 — Delete paragraph 8.
(C00-081.3)
- Page 113 — Paragraph 27, line 1 – before “daybeacon”
Insert: light ranges and
(C00-081.4)
- Page 115 — Paragraph 48, line 7
Delete: near an unnamed island about 1 mile NW
Replace by: NE
(C00-081.5)
- Page 115 — Paragraph 53, lines 6 and 7
Delete: “daybeacon ranges” to end of paragraph.
Replace by: a daybeacon range with a RAM at Mile 523 and a light range with a RAM at Mile 526.8
(C00-081.6)
- Page 123 — Paragraph 122, line 2
Delete: NE
Replace by: NW
(C00-082.1)
- Page 124 — Paragraph 143, line 4
Page 124 — Paragraph 143, line 6
Page 124 — Paragraph 145, line 2
Page 124 — Paragraph 145, line 4
Page 124 — Paragraph 146, line 3
Page 124 — Paragraph 147, line 1
Page 124 — Paragraph 148, line 3
Delete: with a RAM
(C00-082.2)
- Page 125 — After paragraph 160
Insert: 160.1 There is a port hand daybeacon on the east shore at Mile 665.
(C00-082.3)

SECTION 4 - Edition 10/2000
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 128 — Delete paragraphs 201 to 203
Replace by: 201 The route between Fort Good Hope and Mile 696 is marked by buoys and by port hand daybeacons on the east shore at Mile 687.6, Mile 691 and Mile 695.5. (C00-082.4)
- Page 128 — Paragraph 206, line 2
Delete: 716.1
Replace by: 715.6 (C00-082.5)
- Page 131 — Paragraph 234, line 1
Delete: 2.2 miles
Replace by: 1.1 miles (C00-083.1)
- Page 131 — Delete paragraph 237. (C00-083.2)
- Page 132 — Delete paragraph 264
Replace by: 264 The route between Mile 830 and Mile 842 is marked by unlighted buoys and by daybeacons; there are port hand daybeacons on the east bank at Mile 830.7 and Mile 837.7, and there are starboard hand daybeacons on the west bank at Mile 835.1 and Mile 835.4. (C00-083.3)
- Page 132 — Paragraph 267, line 2 – after “852.9”
Insert: , a port hand daybeacon on the east bank at Mile 859.4 (C00-083.4)
- Page 132 — Delete paragraph 269. (C00-083.5)
- Page 133 — Paragraph 286, line 4
Delete: Coast Guard Radio
Replace by: MCTS Centre (C00-083.6)
)

SECTION 5 – Edition 10/2000
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								
18.1	<i>Placentia Gut Inner light buoy PX6</i>						<i>Delete from List.</i> Chart:4841 Edn 10/00	
51.66	<i>Monkstown light buoy PQ3</i>	<i>47 34 51 54 25 57</i>	<i>Fl G</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Green spar, marked "PQ3".</i>	<i>Year round.</i> Chart:4619 Edn 10/00
264.2	<i>Pacquet Harbour light buoy KP2</i>	<i>49 59 12 55 51 57</i>	<i>Fl R</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Red, marked "KP2".</i>	<i>Seasonal.</i> Chart:4520 Edn 10/00
358.193	<i>Twillingate light buoy DT5</i>	<i>49 39 14.3 54 46 04.8</i>	<i>Fl G</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Green spar, marked "DT5".</i>	<i>Seasonal.</i> Chart:4886 Edn 10/00
358.2	<i>Twillingate light buoy DT6</i>	<i>49 39 11.4 54 46 09</i>	<i>Fl R</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Red spar, marked "DT6".</i>	<i>Seasonal.</i> Chart:4886 Edn 10/00
358.3	<i>Twillingate light buoy DT8</i>	<i>49 39 06.6 54 46 06.7</i>	<i>Fl R</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Red spar, marked "DT8".</i>	<i>Seasonal.</i> Chart:4886 Edn 10/00
358.4	<i>Twillingate light buoy DT10</i>	<i>49 39 00 54 46 01.3</i>	<i>Fl R</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Red spar, marked "DT10".</i>	<i>Seasonal.</i> Chart:4886 Edn 10/00
360.1	<i>Harbour Rock light buoy DPU1</i>	<i>49 36 48.2 54 42 03.8</i>	<i>Fl G</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Green spar, marked "DPU1".</i>	<i>Seasonal.</i> Chart:4886 Edn 10/00
360.2	<i>Shiphouse Rock light buoy DPU2</i>	<i>49 36 47.5 54 42 06.9</i>	<i>Fl R</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Red spar, marked "DPU2".</i>	<i>Seasonal.</i> Chart:4886 Edn 10/00
361.2	<i>Durrell Outer Harbour light buoy DUR3</i>	<i>49 40 03.8 54 44 31</i>	<i>Fl G</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Green spar, marked "DUR3".</i>	<i>Seasonal.</i> Chart:4886 Edn 10/00
361.33	<i>Durrell Inner Harbour light buoy DUR6</i>	<i>49 40 01 54 44 39</i>	<i>Fl R</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Red spar, marked "DUR6".</i>	<i>Seasonal.</i> Chart:4886 Edn 10/00
365.8	<i>Ship Island light buoy DF6</i>	<i>49 43 05 54 16 14</i>	<i>Fl R</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Red spar, marked "DF6".</i>	<i>Seasonal.</i> Chart:4529 Edn 10/00
376.1	<i>Cobbs Arm light buoy DCB1</i>	<i>49 37 14 54 33 49</i>	<i>Fl G</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Green spar, marked "DCB1".</i>	<i>Seasonal.</i> Chart:4531 Edn 10/00

SECTION 5 – Edition 10/2000
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							
376.2	Cobbs Arm light buoy DCB2	49 37 13 54 33 51	Fl R 4s	.....	.....	Red spar, marked "DCB2".	Seasonal. Chart:4531 Edn 10/00
508.21	Saturday Ledge light buoy MB2	47 05 23 52 55 03	Fl R 4s	.....	.....	Red spar, marked "MB2".	Seasonal. Chart:4845 Edn 10/00
508.22	Harbour Rock light buoy MB4	47 05 27 52 56 32	Fl R 4s	.....	.....	Red spar, marked "MB4".	Seasonal. Chart:4845 Edn 10/00
508.23	Cape Broyle Public wharf	47 05 42 52 56 45	Fl R 4s	3.0	.....	Cylindrical mast. 2.0	Flash 0.5 s; eclipse 3.5 s Year round. Chart:4845 Edn 10/00
ATLANTIC							
239	Meteghan light and bell buoy HC2	NW. of Meteghan breakwater. 44 11 43 66 12 00	Fl R 4s	.....	.....	Red, marked "HC2".	Year round. Chart:4118 Edn 10/00
475	Seal Ledge light and whistle buoy MA54	E. of East Ironbound Island. 44 27 19 64 02 39	Fl R 4s	.....	.....	Red, marked "MA54".	Year round. Chart:4381 Edn 10/00
602 H3534	Beaver Island	Eastern end of island. 44 49 29.2 62 20 16	Fl W 7s	19.9	14	White cylindrical tower. 8.5	Emergency light. Year round. Horn – Blast 6s; sil. 54s Horn points 144°. Seasonal. Chart:4235 Edn 10/00
664.9	Denys Canyon ODAS light buoy 44140						Delete from List. Chart:8010 Edn 10/00
716	Mouse Island light buoy CJ5	45 29 46 60 57 52.5	Q G 1s	.....	.....	Green, marked "CJ5".	Winter spar. Year round. Chart:4308 Edn 10/00
716.1	Mouse Island light buoy CJ6	45 29 46 60 57 49	Q R 1s	.....	.....	Red, marked "CJ6".	Winter spar. Year round. Chart:4308 Edn 10/00
1154	Light buoy XX4	46 46 08.9 64 50 55.5	Fl R 4s	.....	.....	Red, marked "XX4".	Seasonal. Chart:N/A Edn 10/00

SECTION 5 – Edition 10/2000
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							
1663.6 H1994.92	Cie Iron Ore wharf No. 2 West End	50 11 23.7 66 22 16.9	F Y	13.2	.....	Cylindrical mast. 9.1	Privately maintained by Compagnie Minière Iron Ore - Sept-Iles. Emergency light. Year round. Operates at night only. Chart:1220 Edn 10/00
1663.8 H1994.94	Cie Iron Ore wharf No. 2 East End	50 11 11.8 66 22 01.3	F Y	13.3	.....	Cylindrical mast. 9.1	Privately maintained by Compagnie Minière Iron Ore - Sept-Iles. Emergency light. Year round. Chart:1220 Edn 10/00
1685.1	Cap-Chat light buoy HA-1	49 05 58.5 66 41 30.3	Fl G 4s	.....	.....	Green spar, marked "HA-1".	Seasonal. Chart:1230 Edn 10/00
1685.2	Cap-Chat light buoy HA-2	49 05 57.7 66 41 33.4	Fl R 4s	.....	.....	Red spar, marked "HA-2".	Seasonal. Chart:1230 Edn 10/00
1685.3	Cap-Chat	On N E corner of breakwater. 49 06 01.5 66 41 17.9	Fl Y 6s	18.0	8	Square skeleton tower. 14.4	Flash 1 s; eclipse 5 s. Seasonal. Operates at night only. Chart:1236 Edn 10/00
1823.67	Lac Saint-Jean light buoy						Delete from List. Chart:6100 Edn 10/00
2197	Light buoy E45	45 55 32.2 73 09 23.2	Fl G 4s	.....	.....	Green, marked "E45".	Seasonal. Chart:1350 Edn 10/00
INLAND WATERS							
45	Light buoy C11	45 14 35.5 73 59 00	Fl G 1s	.....	.....	Green, marked "C11".	Winter spar. Seasonal. Chart:1411 Edn 10/00
504	Whitby Harbour range						Delete from List. Chart:2049 Edn 10/00
504	Whitby Harbour	On outer end of E. pier. 43 50 59.8 78 55 38.4	F R	10.1	.....	White cylindrical tower, fluorescent orange triangular daymark, black vertical stripe. 6.4	Seasonal. Chart:2049 Edn 10/00

SECTION 5 – Edition 10/2000
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
563	Port Maitland range						Delete from List.
564							Chart:2140 Edn 10/00
563	Port Maitland	Grand River entrance. 42 51 10.7 79 34 47.3	Iso G 4s	15.5	.....	White tower, green upper and lower portions, fluorescent orange triangular daymark, black vertical stripe. 12.5	Flash 2 s; eclipse 2 s Seasonal. Chart:2140 Edn 10/00
569	Port Dover light buoy ED2	42 45 50.1 80 11 41.2	Fl R 4s	.....	.....	Red, marked "ED2".	Seasonal. Chart:2120 Edn 10/00
617	Cedar Creek	Outer end of W. breakwater. 42 00 36 82 46 45	Iso G 4s	6.0	8	White cylindrical tower, green upper portion. 5.0	Flash 2 s; eclipse 2 s Seasonal. Chart:2123 Edn 10/00
797	Stokes Bay range	On NW. extremity of most westerly Knife Island. 44 58 01.3 81 23 25.6	Fl R 4s	9.4	.....	White cylindrical tower, red upper and lower portions. 12.6	Seasonal.
798		068°55' 1,219.1m from front.	F R	19.0	.....	Skeleton tower, white enclosed upper portion, orange vertical stripe. 22.6	Visible in line of range. Seasonal. Chart:2292 Edn 10/00
828	Cape Croker	On the point SE. of Cape Croker. 44 57 21.4 80 57 38.2	Fl(2) W 5s	18.7	24	White octagonal tower. 15.9	Flash 0.25 s; eclipse 0.75 s; flash 0.25 s; eclipse 3.75 s Seasonal. Chart:2283 Edn 10/00
832	Griffith Island	NE. side of island. 44 51 02 80 53 28.9	Fl W 4s	31.3	5	White cylindrical tower. 19.5	Seasonal. Chart:2283 Edn 10/00
840	Meaford breakwater	On W. end of N. breakwater. 44 36 42.9 80 35 19.1	Fl G 4s	9.0	.....	Cylindrical mast, red and white rectangular daymark, green square in centre. 4.9	Seasonal. Chart:2283 Edn 10/00
841	Meaford Harbour	At outer end of E. breakwall at entrance to eastern harbour. 44 36 39.7 80 35 01.6	Oc R 4s	12.7	.....	Cylindrical tower, red upper portion. 9.2	Seasonal. Chart:2283 Edn 10/00

SECTION 5 – Edition 10/2000
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
842	Thornbury Sector	44 34 00.4 80 27 01.6	Oc(3) G W R	10s	8.3	..... Cylindrical mast, white daymark, orange vertical stripe. 5.1	Flash 5 s; eclipse 1 s; flash 1 s; eclipse 1 s; flash 1 s; eclipse 1 s. Red from 164° to 202°; white from 202° to 206°; green from 206° to 240°. Seasonal. Chart:2283 Edn 10/00
845	Nottawasaga Island	N. point of island, NW. of Collingwood Harbour. 44 32 18.6 80 15 32.1	Fl(2) W	10s	29.6	5 White cylindrical tower. 28.7	Flash 1 s; eclipse 1.5 s; flash 1 s; eclipse 6.5 s Seasonal Chart:2283 Edn 10/00
853	Collingwood Sector	44 30 25.6 80 13 33.9	Oc(3) G W R	10s	13.1	..... Cylindrical tower, white daymark, orange vertical stripe.	Flash 5 s; eclipse 1 s; flash 1 s; eclipse 1 s; flash 1 s; eclipse 1 s Visible over an arc of 064°; red from 148° to 179°; white from 179° to 181°; green from 181° to 212°. Chart:2283 Edn 10/00
855	Nottawasaga River Entrance	44 32 17 80 00 24.6	Iso G	2s	12.5	..... White cylindrical mast, red and white rectangular daymark. 6.1	Seasonal. Chart:2283 Edn 10/00
857	Hope Island	On NE. point of island. 44 54 56.6 80 09 52.3	Fl W	5s	17.8	21 Square skeleton tower. 15.5	Flash 1 s; eclipse 4 s Emergency light. Seasonal Chart:2283 Edn 10/00
857.5	Christian Island	On Lighthouse Point. 44 47 11.9 80 09 21.8	F W		19.5	15 White cylindrical tower. 15.5	Seasonal. Chart:2283 Edn 10/00
859	Giants Tomb	On S. extremity of island. 44 52 50 80 00 24.3	Fl W	4s	17.2	6 Square skeleton tower, white rectangular daymark.	Seasonal. Chart:2283 Edn 10/00
1284.31	Light buoy PAP	45 36 47.7 74 59 13.8	Fl R (2+1)	6s	.....	..... Red, green and red, marked "PAP".	Seasonal. Privately maintained by Municipalité du village de Papineauville. Chart:1514 Edn 10/00
1295.1	Light buoy H435	45 28 22.2 75 35 40.8	Fl G	4s	.....	..... Green, marked "H435".	Year round. Chart:1515 Edn 10/00
1397	Baker Shoal						Delete from List. Chart:6022 Edn 10/00

SECTION 5 – Edition 10/2000
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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INLAND WATERS

1397.1	<i>Baker Shoal light buoy M2/2</i>	45 08 11 79 33 58	<i>Fl R 4s</i>	<i>.....</i>	<i>.....</i>	<i>Red spar, marked "M2/2".</i>	<i>Seasonal.</i>
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**Chart:6022
Edn 10/00**

1420	North Bay	On breakwater. 46 18 39.3 79 28 25.8	Iso R 6s	12.0	11	Cylindrical mast, red and white rectangular daymark. 9.0	Seasonal.
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**Chart:6035
Edn 10/00**

**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.