



# NOTICES TO MARINERS

## EASTERN EDITION

Published monthly by the



### CANADIAN COAST GUARD

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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.

**Original Canadian Information** - A star (\*) adjacent to the Notice number indicates that this notice is based on original Canadian information.

**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) after the Notice number. Nautical charts and publications are not hand amended for Temporary (T) and Preliminary (P) Notices to Mariners. Listings of Charts Affected by Temporary and Preliminary Notices to Mariners are revised and promulgated quarterly, in Section I. Reference should be made to the latest published listing and to the monthly editions of Notices to Mariners published subsequently.

**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*.

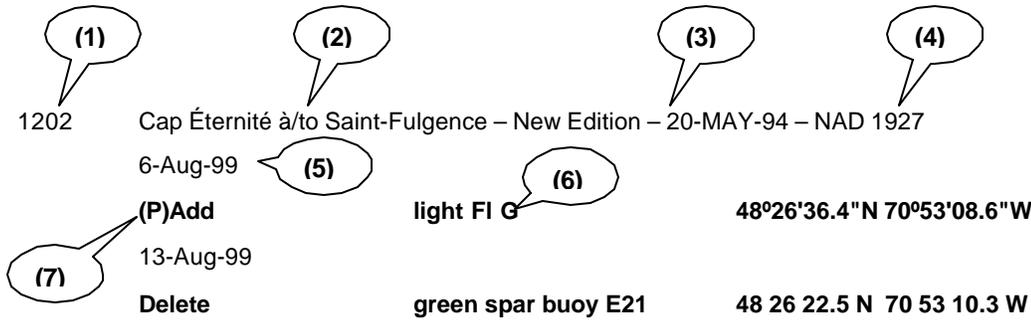
**NOTE: Cette publication est aussi disponible en français.**

## 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) Most recent chart edition date
- (4) Chart Datum
- (5) Weekly chart correction date
- (6) Chart action
- (7) Notice type

## 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

#### Laurentian

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

#### Pacific

Vancouver Regional Marine Information Centre  
Phone: (604) 666-6011  
Fax: (604) 666-8453

#### 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

#### Central & Arctic

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

### **DGPS INITIAL OPERATIONAL SERVICE**

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

IOS 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.

Although the service is IOS, users may experience service interruptions without advance notice. Further, CCG advises that IOS DGPS broadcasts should not be used under any circumstances where a sudden system failure or inaccuracy could constitute a safety hazard. Following a one year verification period, the DGPS service will be declared as being a Full Operational Service (FOS).

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**

<b>Station Name</b>	<b>Id. Nos of reference stations</b>	<b>DGPS Station ID</b>	<b>Geog. Position</b>		<b>Frequency [khz]</b>	<b>Bit/s</b>
			<b>Latitude</b>	<b>Longitude</b>		
			Cape Race, NFLD	338,339		
Cape Ray, NFLD	340,341	942	47 38 N	59 14 W	290	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
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
Riviere 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
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.

## **DISCREPANCY REPORT FOR DGPS USERS**

Throughout the service validation period, the Coast Guard will be conducting numerous tests of the differential service. To assist the Coast Guard in this validation testing, mariners are requested to complete the attached anomaly report. Please take note of any DGPS service anomalies you experience and forward the completed form to the Director, Navigation Systems, Department of Fisheries and Oceans, 200 Kent Street, Station 5130, Ottawa, ON, K1A 0E6

## **GPS "ROLLOVER" AUGUST 1999**

The Global Positioning System accounts for time by using a number for every week the service is in operation and accounts for the seconds within each numeric week. It counts weeks using a starting point of midnight (0000) on the evening of January 5, 1980 / morning of January 6, 1980 (UTC), and has increased its count by 1 for each week since then. Both week and seconds are broadcast as part of the GPS message provided by the satellites and are used by receivers in their computations. The GPS week number field in this message can only provide for numbers up to 1024 which means that, at the completion of the week 1023, the week number field will roll over from 1023 back to 0. This will occur at midnight 21-22 August 1999. On 22 August 1999, unless repaired, many GPS receivers will claim that it is 6 January 1980.

It will be the responsibility of the user to account for this changeover, the satellite themselves will simply start broadcasting the new week number. How it will affect your particular GPS unit will depend on what brand and model of receiver you have. Some receivers may merely display inaccurate date information, but others may also calculate incorrect navigation information or might stop providing positions. If the rollover hasn't been taken into account at the time your GPS receiver was designed and built, then the unit might have problems. Some units will require a software upgrade. Mariners are advised to consult with the manufacturers of their receiver's compliance to GPS rollover.

## 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 information on user equipment to fill / Renseignements indispensables sur l'équipement à remplir:**

### User equipment information / 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 AWAD
- 2) Mail / Par la poste: Director, Navigation Systems  
Department of Fisheries and Oceans  
200 Kent Street, Station 5130  
Ottawa, ON  
K1A 0E6

Directeur, 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.**

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

**ADD** \_\_\_\_\_ **AMEND** \_\_\_\_\_ **REMOVE** \_\_\_\_\_ **NO. OF COPIES** \_\_\_\_\_

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

*ID number above address on label*

*or*

*Attach complete address label to this sheet*

## NUMERICAL INDEX OF CANADIAN CHARTS AFFECTED

---

<b>Chart No.</b>	<b>Page</b>	<b>Chart No.</b>	<b>Page</b>	<b>Chart No.</b>	<b>Page</b>
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L/C 1236	11	4266	14		
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<b>NOTICE TO MARINERS USER SURVEY</b>
---------------------------------------

<b>FELLOW MARINERS</b>
------------------------

<b><u>TELL US HOW WE CAN HELP YOU</u></b>
---

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 <input style="width: 400px;" type="text"/>

**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

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

Yes  
 No

2.10 Would you recommend our site to others?

Yes  
 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?

No  
 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?

Electronic version (Internet)  
 Paper version  
 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?

Direct Access (Home, office)  
 Other (Relatives, friends, library, marinas)  
 No internet access

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

**CANADIAN HYDROGRAPHIC SERVICE - Cumulative chart correction list.**

The accompanying correction list is a cumulative list of charts affected by Notices to Mariners from 01-JANUARY-2000 to 31-MAY-2000

Chart Numbers	Notices to Mariners Dates			
1202	02-FEB-2000 (New Edition 10-SEP-1999)			
1203	25-FEB-2000.			
1209	12-MAY-2000.			
1220	28-APR-2000.			
1223	11-FEB-2000.			
1226	11-FEB-2000.			
1226	02-FEB-2000 (New Edition 19-NOV-1999)			
1230	21-APR-2000.			
1233	05-MAY-2000.	28-APR-2000.	03-MAR-2000.	
L/C1234	05-MAY-2000.	24-MAR-2000.		
L/C1236	12-MAY-2000.	11-FEB-2000.	28-JAN-2000.	
1311	12-MAY-2000.			
1312	21-APR-2000.	14-APR-2000.	17-MAR-2000.	07-JAN-2000.
1313	(P) 28-APR-2000.	14-APR-2000.		
1314	(P) 28-APR-2000.	14-APR-2000.		
1315	31-MAR-2000.	21-JAN-2000.		
1316	31-MAR-2000.	21-JAN-2000.		
1317	31-MAR-2000.	21-JAN-2000.	07-JAN-2000.	
1338	31-MAR-2000 (Permanently Withdrawn)			
1339	31-MAR-2000 (Permanently Withdrawn)			
1409	21-APR-2000.			
1410	21-APR-2000.	31-MAR-2000.		
1411	17-MAR-2000.			
1438	(P) 12-MAY-2000.			
1439	(P) 12-MAY-2000.	31-MAR-2000.		
1510	31-MAR-2000.			
1513	31-MAR-2000.			
2006	(P) 31-MAR-2000.			
2018	31-MAR-2000.			
2021	31-MAR-2000.			
2042	31-MAR-2000.			
2058	25-FEB-2000 (New Edition 25-FEB-2000)			
2067	28-APR-2000.			
2069	(T) 31-MAR-2000.			
L/C2100	31-MAR-2000.			
L/C2122	21-APR-2000.	31-MAR-2000.		
2165	21-APR-2000.			
L/C2201	28-APR-2000.	(P) 28-APR-2000.		
2202	(P) 28-APR-2000.	07-APR-2000.		

Chart Numbers	Notices to Mariners Dates		
2204	12-MAY-2000.		
2205	(P) 12-MAY-2000.		
2218	(P) 28-APR-2000.		
2223	25-FEB-2000.		
L/C2228	17-MAR-2000.		
2235	25-FEB-2000 (New Edition 24-SEP-1999)		
2239	31-MAR-2000 (Permanently Withdrawn)		
2241	31-MAR-2000 (New Chart 30-JUL-1999)		
2241	(P) 28-APR-2000.		
L/C2243	(T) 07-APR-2000.	04-FEB-2000.	
L/C2244	12-MAY-2000.		
L/C2245	12-MAY-2000.		
2257	21-APR-2000.	(P) 07-JAN-2000.	
2260	07-JAN-2000.		
2283	14-APR-2000.	(P) 31-MAR-2000.	
2286	19-MAY-2000.	11-FEB-2000.	
2294	21-APR-2000 (New Edition 25-FEB-2000)		
2299	19-MAY-2000.	21-APR-2000.	(P) 07-JAN-2000.
L/C4001	14-APR-2000.		
L/C4003	05-MAY-2000.	17-MAR-2000.	03-MAR-2000.
L/C4010	26-MAY-2000.		
L/C4011	05-MAY-2000.	03-MAR-2000.	07-JAN-2000.
L/C4012	05-MAY-2000.		
L/C4023	28-JAN-2000.		
4114	24-MAR-2000.	18-FEB-2000.	
4115	21-APR-2000 (New Edition 31-DEC-1999)		
L/C4118	12-MAY-2000.		
4142	26-MAY-2000.		
4202	25-FEB-2000 (New Edition 31-DEC-1999)		
4209	26-MAY-2000.		
4210	26-MAY-2000.	14-APR-2000.	
4211	12-MAY-2000.		
L/C4230	05-MAY-2000.	14-APR-2000.	
L/C4237	(P) 31-MAR-2000.		
L/C4240	14-JAN-2000.	12-MAY-2000.	
L/C4241	26-MAY-2000.		
L/C4242	14-APR-2000.		
L/C4243	05-MAY-2000.		
4244	14-APR-2000.		
4245	05-MAY-2000.		
L/C4255	12-MAY-2000.		
4266	(T) 12-MAY-2000.		
4277	12-MAY-2000.		

Section 1

EDN 05/00

Chart Numbers	Notices to Mariners Dates		
4331	21-APR-2000 (Permanently Withdrawn)		
4332	21-APR-2000 (Permanently Withdrawn)		
L/C4340	24-MAR-2000.		
4342	14-JAN-2000.		
L/C4385	(P) 31-MAR-2000.		
4386	(P) 31-MAR-2000.		
4416	11-FEB-2000.		
4422	(P) 31-MAR-2000.		
4460	04-FEB-2000.		
4466	04-FEB-2000.		
4530	(P) 21-APR-2000.		
4531	21-APR-2000.		
4535	25-FEB-2000 (Permanently Withdrawn)		
4543	25-FEB-2000 (Permanently Withdrawn)		
L/C4560	25-FEB-2000 (Permanently Withdrawn)		
4587	(P) 31-MAR-2000.	17-MAR-2000.	
4639	14-APR-2000.		
L/C4845	24-MAR-2000.		
L/C4846	24-MAR-2000.		
L/C4851	19-MAY-2000.	03-MAR-2000.	
4857	25-FEB-2000 (New Chart 29-OCT-1999)		
4863	07-JAN-2000.		
4921	10-MAR-2000.		
L/C4951	14-APR-2000.		
5003	28-APR-2000.		
5031	21-APR-2000 (New Edition 31-DEC-1999)		
5043	25-FEB-2000 (New Edition 20-AUG-1999)		
5044	25-FEB-2000 (New Edition 20-AUG-1999)		
5049	21-APR-2000 (New Edition 25-JUN-1999)		
5051	21-APR-2000.		
5134	28-JAN-2000.		
5138	28-JAN-2000.		
5449	28-APR-2000.		
6021	31-MAR-2000 (New Edition 24-SEP-1999)		
6022	31-MAR-2000 (New Edition 24-SEP-1999)		
6100	28-JAN-2000.		
6241	12-MAY-2000.		
6243	12-MAY-2000.	21-APR-2000.	
6251	26-MAY-2000.	12-MAY-2000.	
6258	26-MAY-2000.	14-APR-2000.	
7512	31-MAR-2000.		
7621	18-FEB-2000.		
L/C8005	12-MAY-2000.	17-MAR-2000.	



**TABLE III - CALLING-IN-POINTS**

Number	Sector	Name	General Description & Conditions
1A	1	Inbound (Belle Isle South Route)	51° 50' 26"N, 55° 18' 10"W.
2A	1	Inbound (Belle Isle South Route)	51° 48' 24"N, 55° 38' 45"W.
3A	1	Inbound	51° 43' 16"N, 56° 07' 30"W.
4A	1	Inbound	51° 33' 48"N, 56° 30' 00"W.
5A	1	Inbound	51° 24' 16"N, 56° 52' 42"W.
1B	1	Outbound (Belle Isle South Route)	51° 46' 24"N, 55° 19' 58"W.
2B	1	Outbound (Belle Isle South Route)	51° 44' 30"N, 55° 37' 36"W.
3B	1	Outbound	51° 39' 50"N, 56° 04' 00" W.
4B	1	Outbound	51° 30' 30"N, 56° 26' 30"W.
5B	1	Outbound	51° 21' 00"N, 56° 49' 00"W.
1C	1	Inbound (Belle Isle North Route)	52° 09' 04"N, 55° 24' 48"W.
2C	1	Inbound (Belle Isle North Route)	51° 54' 30"N, 55° 46' 00"W.
1D	1	Outbound (Belle Isle North Route)	52° 05' 48"N, 55° 20' 42"W.
2D	1	Outbound (Belle Isle North Route)	51° 51' 52"N, 55° 41' 12"W.

All times shall be given in Newfoundland Standard Time or Newfoundland Daylight Saving Time, whichever is in effect.

**CANADA - TRANSPORT CANADA PUBLICATIONS - Ship Safety Bulletins - 2000.**

The following bulletins have been issued in 2000:

No. 1	March 08, 2000	AMENDMENTS TO THE EXAMINATION AND CERTIFICATION OF SEAFARERS DOCUMENT - TP 2293
No. 2	March 16, 2000	SERVICING OF MARINE ABANDONMENT IMMERSION SUIT SYSTEM BY AUTHORIZED PERSONNEL ONLY
No. 3	March 30, 2000	LOAD LINE - SUBMERSION ALLOWANCES
No. 4	April 17, 2000	FLOODING DETECTION ON FISHING VESSELS
No. 5	April 17, 2000	PREMATURE RELEASE OF LIFEBOAT SAFETY HOOKS
No. 6	April 18, 2000	ADVICE ON WATER LEVELS IN THE GREAT LAKES SYSTEM, AND TESTING OF STEERING GEAR

Single copies of these bulletins may be obtained by writing to:

Transport Canada  
Marine Safety  
AMSB, Tel. 991-3135  
Fax # (613) 990-6191  
Tower C, Place de Ville  
330 Sparks Street, 11<sup>th</sup> floor  
Ottawa, Ontario  
K1A 0N8

## Section 2

EDN 05/00

**1209 - Saint-Fulgence à/to Rivière Shipshaw - New Edition - 14-DEC-1984 - Nad 1927**

12-MAY-2000.

Add	green pillar light buoy Q G marked S-59	48°27`07.6"N 071°00`14.6"W
Delete	green light buoy S45	48°26`49.1"N 070°57`45.0"W
Delete	green can buoy S51	48°27`04.4"N 070°58`48.4"W
Add	green pillar light buoy Q G marked S47	48°26`57.8"N 070°58`07.7"W
Reposition	red light buoy S50	from 48°27`06.9"N 070°58`49.0"W
		to 48°27`06.6"N 070°58`46.9"W
Replace	green buoy S53 with green pillar light buoy Q G marked S53	48°27`08.4"N 070°59`14.2"W

**1233 - Île aux Coudres - New Edition - 28-MAY-1999 - Nad 1927**

05-MAY-2000.

Amend	legend 5,9m (1998) to read "5,5m (1999)"	47°25`16.0"N 070°23`31.0"W
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**L/C1234 - Pointe de la Rivière du Loup - New Edition - 24-JUL-1998 - Nad 1983**

05-MAY-2000.

Amend	legend 5,0m (1997) to read "4,6m (1999)"	47°50`51.0"N 069°34`19.0"W
Replace	2 metres 8 decimetres with "2" metres "4" decimetres	47°50`54.9"N 069°34`19.3"W

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

12-MAY-2000.

On certain copies:

Delete	the portion of submarine cable	joining 48°39`21.7"N 068°51`04.6"W
		48°38`27.4"N 069°50`52.2"W
		and 48°24`03.0"N 068°39`57.4"W

On certain copies

Add	a portion of submarine cable	joining 48°39`21.7"N 068°51`04.6"W
		48°38`27.4"N 068°50`52.2"W
		and 48°24`03.0"N 068°39`57.4"W

**1311 - Sorel a/to Varennes - New chart - 05-NOV-1999 - Nad 1983**

12-MAY-2000.

Replace	green pillar buoy MS59 with a green can buoy marked MS59	45°44`51.0"N 073°25`43.0"W
Replace	red pillar buoy MS60 with a red conical buoy marked MS60	45°44`54.1"N 073°25`44.8"W
Reposition	red light buoy M20	from 45°54`27.9"N 073°13`06.7"W
		to 45°54`29.5"N 073°13`05.0"W

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

12-MAY-2000.

(P)Delete	light	44°11`39.0"N 076°19`42.5"W
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A chart amendment patch incorporating the above information will be available at a later date.

(P)Add	sector light FRWG, red from 260°30' to 262°; alternating red/white from 262° to 262°15'; white from 262°15' to 263° 45'; alternating green/white from 263°45' to 264°; green from 264° to 265°30'	44°11`39.0"N 076°19`42.5"W
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A chart amendment patch incorporating the above information will be available at a later date.

**1439 - Carleton Island to/au Charity Shoal - New Edition - 22-FEB-1991 - Nad 1983**

12-MAY-2000.

(P&gt;Delete light 44°11'39.0"N 076°19'42.5"W

A New Edition incorporating the above information will be available at a later date.

(P&gt;Add sector light FRWG, red from 260°30' to 262°; alternating red/white from 262° to 262°15'; white from 262°15' to 263° 45'; alternating green/white from 263°45' to 264°; green from 264° to 265°30' 44°11'39.0"N 076°19'42.5"W

A New Edition incorporating the above information will be available at a later date.

**2204 - French River to/à Beaverstone Bay - Sheet 3 - New Edition - 06-MAY-1983 - Nad 1927**

12-MAY-2000.

Add orange daybeacon "BnOr" 45°56'48.1"N 081°13'28.4"W

**2204 - Beaverstone Bay to/à Killarney - Sheet 4 - New Edition - 06-MAY-1983 - Nad 1927**

12-MAY-2000.

Add orange daybeacon "BnOr" 45°56'48.1"N 081°13'28.4"W

**2205 - Killarney to/à Little Current - New Edition - 18-DEC-1987 - Nad 1927**

12-MAY-2000.

(P&gt;Delete light "Fl" 45°55'35.0"N 081°36'43.0"W

A New Edition incorporating the above information will be available at a later date.

(P&gt;Add light "Fl" 45°55'41.5"N 081°36'08.0"W

A New Edition incorporating the above information will be available at a later date.

**L/C2244 - Alexander Passage to/à Beaverstone Bay - New Edition - 12-JUN-1987 - Nad 1927**

12-MAY-2000.

Add orange daybeacon "BnOr" 45°56'48.2"N 081°13'28.4"W

**L/C2245 - Beaverstone Bay to/à Lonely Island and/et McGregor Bay - New Edition - 06-JUN-1986 - Nad 1927**

12-MAY-2000.

Add orange daybeacon "BnOr" 45°56'48.1"N 081°13'28.4"W

**2286 - Georgian Bay to Clapperton Island - New Edition - 21-JAN-1983 - Unknown**

19-MAY-2000.

Delete depth of "2 1/2 fathoms" 46°02'01.0"N 082°11'12.0"W

Add depth of "2 1/2 fathoms" 46°02'01.4"N 082°11'24.8"W

Delete depth of "3 1/2 fathoms" 46°02'01.4"N 082°11'24.8"W

**2299 - Clapperton Island to/à Meldrum Bay - New Edition - 30-SEP-1983 - Nad 1927**

19-MAY-2000.

Delete depth of "15 feet" 46°02'02.0"N 082°11'13.0"W

Add depth of "15 feet" 46°02'05.4"N 082°11'14.0"W

**L/C4003 - Cape Breton to/à Cape Cod - New Edition - 14-DEC-1984 - Nad 1927**

05-MAY-2000.

Amend Fl(2) 22M to read "Fl 12s 13M" 43°47'38.6"N 066°09'21.5"W

**L/C4010 - Bay of Fundy (Inner Portion) - New Edition - 18-NOV-1983 - Nad 1927**

26-MAY-2000.

Amend Iso to read, Fl R 45°12'06.4"N 064°37'14.0"W

**L/C4011 - Approaches to/Approches à Bay of Fundy - New Edition - 31-OCT-1997 - Nad 1983**

05-MAY-2000.

Amend Fl(2)10s 123ft 22M to read "Fl 12s 113ft 13M" 43°47'38.8"N 066°09'18.9"W

**L/C4012 - Yarmouth to/à Halifax - New Edition - 13-MAR-1987 - Nad 1927**

05-MAY-2000.

Amend	FI(2)10s 123ft 22M to read "FI 12s 113ft 13M"	43°47'38.5"N 066°09'21.4"W
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**L/C4118 - Grand Passage - New Edition - 13-NOV-1998 - Nad 1983**

12-MAY-2000.

CANCELS	radar reflector	44°15'01.0"N 066°19'52.0"W
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Cancels previous Notice 1302/99.

**L/C4118 - St. Marys Bay - New Edition - 13-NOV-1998 - Nad 1983**

12-MAY-2000.

CANCELS	radar reflector	44°15'01.0"N 066°19'52.0"W
---------	-----------------	----------------------------

Cancels previous Notice 1302/99.

**4142 - Grand Lake - Sheet 4 - New Edition - 01-NOV-1996 - Nad 1983**

26-MAY-2000.

Amend	FI(Priv) to read, "FI R(Priv)"	46°03'22.0"N 066°00'07.6"W
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**4209 - Shelburne Harbour - New chart - 21-OCT-1994 - Nad 1983**

26-MAY-2000.

Amend	FI to read, FI(Priv)	43°40'53.3"N 065°20'06.9"W
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**4210 - Cape Sable to/à Pubnico Harbour - New chart - 05-APR-1991 - Nad 1983**

26-MAY-2000.

On certain copies.

Add	green, port hand, spar buoy, marked "PB1"	43°36'55.5"N 065°47'06.0"W
-----	---	----------------------------

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

12-MAY-2000.

Affix	patch	44°02'30.0"N 064°42'00.0"W
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**L/C4230 - Little Hope Island to/à Cape St Marys - New chart - 15-JUN-1990 - Nad 1983**

05-MAY-2000.

Amend	FI(2)10s 38m 22M to read "FI 12s 35m 13M"	43°47'38.8"N 066°09'19.2"W
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**L/C4240 - Liverpool Harbour to/ ' Lockeport Harbour - New chart - 06-OCT-1989 - Nad 1983**

12-MAY-2000.

Affix	patch	44°02'30.0"N 064°42'00.0"W
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**L/C4241 - Lockeport to/à Cape Sable - New chart - 01-DEC-1989 - Nad 1983**

26-MAY-2000.

Amend	FI to read, FI(Priv)	43°40'53.3"N 065°20'06.9"W
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**L/C4243 - Tusket Islands to/au Cape St. Marys - New chart - 20-JUN-1986 - Nad 1927**

05-MAY-2000.

Amend	FI(2)10s 38m 22M to read "FI 12s 35m 13M"	43°47'38.5"N 066°09'21.2"W
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**4245 - Yarmouth Harbour and Approaches/et les Approches - New Edition - 28-NOV-1986 - Nad 1983**

05-MAY-2000.

Amend	FI(2)10s 38m 22M to read "FI 12s 35m 13M"	43°47'38.8"N 066°09'19.2"W
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Delete	Fog Sig	43°48'44.5"N 066°08'36.5"W
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**L/C4255 - Georges Bank/Banc des Georges Eastern Portion/Partie est - New chart - 27-JUL-1990 - Nad 1983**

12-MAY-2000.

Add	yellow scientific light buoy "FI Y", "Priv", marked "L"	41°06'33.5"N 067°16'12.7"W
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Add	yellow scientific light buoy "FI Y", "Priv", marked "F"	41°04'16.4"N 067°14'53.8"W
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**4266 - Sydney Harbour - New chart - 29-SEP-1989 - Nad 1983**

12-MAY-2000.

(T)Add	yellow cautionary spar buoy	46°08`10.0"N	060°11`53.0"W
	Buoy temporarily established		

**4266 - Sydney Wharves/Quais - New chart - 29-SEP-1989 - Nad 1983**

12-MAY-2000.

(T)Add	yellow cautionary spar buoy	46°08`10.0"N	060°11`53.0"W
	Buoy temporarily established		

**4277 - Great Bras D'Or, St. Andrews Channel and/et St. Anns Bay - New Edition - 17-APR-1998 - Nad 1983**

12-MAY-2000.

Add	4 metres 3 decimetres, Rep(1999)	46°12`44.5"N	060°22`51.0"W
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**L/C4851 - Trinity Bay - Southern Portion / Partie sud - New Edition - 04-APR-1997 - Nad 1983**

19-MAY-2000.

Delete	red conical buoy, marked TN2	47°35`55.2"N	053°33`26.0"W
Add	red lighted spar buoy FI R, marked TN2	47°35`55.0"N	053°33`30.0"W
Add	red lighted spar buoy FI R, marked TN4	47°35`33.0"N	053°33`14.5"W
Add	green lighted spar buoy FI G, marked TN5	47°35`27.5"N	053°33`00.0"W

**6241 - Berens River to Nelson River - New Edition - 06-AUG-1957 - Unknown**

12-MAY-2000.

Add	light "FI"	53°15`50.0"N	099°14`15.0"W
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**6243 - Winnipeg River and Approaches - New Edition - 10-DEC-1971 - Unknown**

12-MAY-2000.

Delete	front range light	50°39`27.0"N	096°19`46.0"W
Delete	front range light	50°38`50.5"N	096°19`09.0"W
Delete	front range light	50°37`40.5"N	096°17`29.5"W
Delete	rear range light	50°39`31.0"N	096°19`46.0"W
Delete	rear range light	50°38`50.5"N	096°19`03.0"W
Delete	rear range light	50°37`38.0"N	096°17`22.0"W

**6251 - Red River / Rivière Rouge to/à Gull Harbour - New Edition - 18-JUL-1986 - Nad 1983**

26-MAY-2000.

Delete	front range light	50°37`42.0"N	096°18`20.0"W
Delete	front range light	50°38`56.0"N	096°19`57.0"W
Delete	front range light	50°39`30.0"N	096°20`35.0"W

12-MAY-2000.

Delete	rear range light	50°37`41.0"N	096°18`10.0"W
Delete	rear range light	50°38`54.0"N	096°19`55.0"W
Delete	rear range light	50°39`35.0"N	096°20`33.0"W

**6258 - Montréal Point to/à Kettle Island - New chart - 30-DEC-1988 - Nad 1983**

26-MAY-2000.

Delete	green spar buoy, marked C11/A	53°40`08.0"N	097°53`06.0"W
Delete	red spar buoy, marked C12	53°40`06.0"N	097°53`02.5"W
Add	green spar buoy, marked C11/A	53°40`08.0"N	097°53`02.5"W
Add	red spar buoy, marked C12	53°40`06.0"N	097°53`06.0"W

Section 2

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Delete	recommended track	between 53°40`02.0"N 097°53`11.0"W
		and 53°40`07.2"N 097°53`05.5"W
Add	recommended track	joining 53°40`08.0"N 097°53`04.0"W
		53°40`05.0"N 097°53`05.0"W
		and 53°40`02.0"N 097°53`11.0"W

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

12-MAY-2000.

Add	yellow scientific light buoy "Fl Y", "Priv", marked "A"	41°08`42.0"N 067°17`42.1"W
Add	yellow scientific light buoy "Fl Y", "Priv", marked "L"	41°06`33.5"N 067°16`12.7"W
Add	yellow scientific light buoy "Fl Y", "Priv", marked "F"	41°04`16.4"N 067°14`53.8"W

## CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

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

After page 3-46, add the following:

## NEWFOUNDLAND, STRAIT OF BELLE ISLE – Voluntary Vessel Traffic Services Zone established.

On 01 June 2000 the Canadian Coast Guard will establish a voluntary Vessel Traffic Services Zone in the Strait of Belle Isle, Newfoundland.

The Belle Isle Vessel Traffic Services Zone will comprise all waters within the Strait of Belle Isle encompassed by a line bearing 142.5° True from Double Island, Labrador, 52° 15' 30"N, 55° 33' 00"W, to Northeast Ledge, Belle Isle, 52° 02' 15"N, 55° 16' 00"W; thence a line bearing 186.5° True to White Islands, Newfoundland, 51° 35' 12"N 55° 21' 00"W; thence a line bearing 265° True to Partridge Pt. Light, Newfoundland, 51° 34' 53"N, 55° 25' 20"W; thence following the south shore of the Strait of Belle Isle to Seal Island, Newfoundland, 51° 17' 20" N, 56° 45' 48"W; thence a straight line to Forteau Light, Labrador, 51° 27' 56"N, 56° 57' 19"W; and thence following the north shore of the Strait of Belle Isle to Double Island, Labrador, 52° 15' 30"N, 55° 33' 00"W.

Vessels required to comply with the Vessel Traffic Services Zones Regulations are requested to participate in the system. Fishing vessels are encouraged to maintain a listening watch or contact "*Belle Isle Traffic*" on Channel 14 VHF to obtain up-to-date information on vessels reported transiting the Belle Isle Vessel Traffic Services Zone.

**TABLE I - IDENTIFICATION AND FREQUENCIES**

Sector	Identifier	Channel	Frequency (Mhz)
1	<i>"Belle Isle Traffic"</i>	14	156.7

**TABLE II - SECTOR AND BOUNDARIES**

Sector	Boundaries
1	<p>Eastern Boundary</p> <p>A line bearing 142.5° True from Double Island, Labrador, 52° 15' 30"N, 55° 33' 00"W, to Northeast Ledge, Belle Isle, 52° 02' 15"N, 55° 16' 00"W; thence a line bearing 186.5° True to White Islands, Newfoundland, 51° 35' 12"N 55° 21' 00"W; thence a line bearing 265° True to Partridge Pt. Light, Newfoundland, 51° 34' 53"N, 55° 25' 20"W.</p> <p>Western Boundary</p> <p>A straight line from Seal Island, Newfoundland, 51° 17' 20" N, 56° 45' 48"W, to Forteau Light, Labrador, 51° 27' 56"N, 56° 57' 19"W.</p>

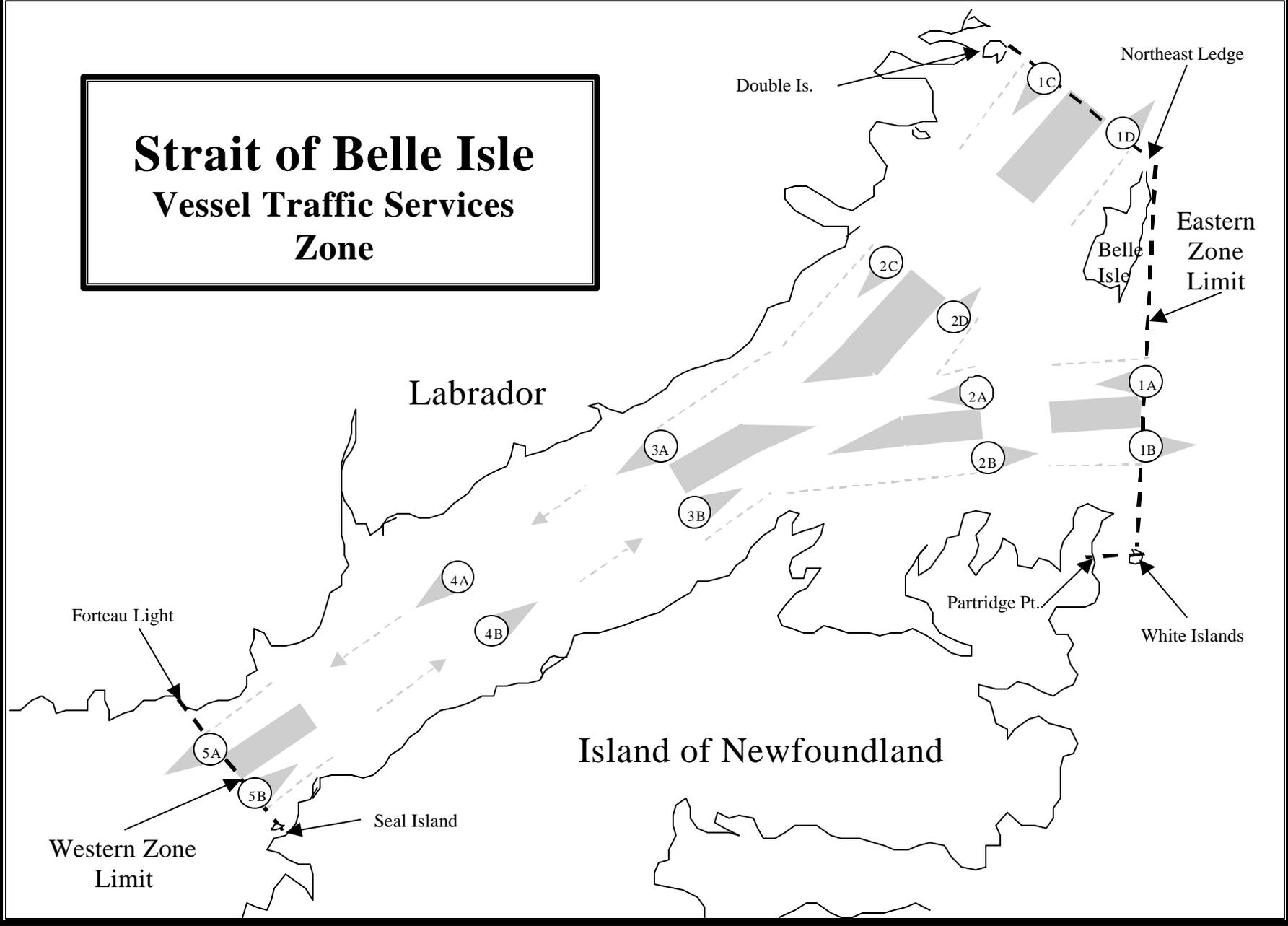
## CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

TABLE III - CALLING-IN-POINTS

Number	Sector	Name	General Description & Conditions
1A	1	Inbound (Belle Isle South Route)	51° 50' 26"N, 55° 18' 10"W.
2A	1	Inbound (Belle Isle South Route)	51° 48' 24"N, 55° 38' 45"W.
3A	1	Inbound	51° 43' 16"N, 56° 07' 30"W.
4A	1	Inbound	51° 33' 48"N, 56° 30' 00"W.
5A	1	Inbound	51° 24' 16"N, 56° 52' 42"W.
1B	1	Outbound (Belle Isle South Route)	51° 46' 24"N, 55° 19' 58"W.
2B	1	Outbound (Belle Isle South Route)	51° 44' 30"N, 55° 37' 36"W.
3B	1	Outbound	51° 39' 50"N, 56° 04' 00" W.
4B	1	Outbound	51° 30' 30"N, 56° 26' 30"W.
5B	1	Outbound	51° 21' 00"N, 56° 49' 00"W.
1C	1	Inbound (Belle Isle North Route)	52° 09' 04"N, 55° 24' 48"W.
2C	1	Inbound (Belle Isle North Route)	51° 54' 30"N, 55° 46' 00"W.
1D	1	Outbound (Belle Isle North Route)	52° 05' 48"N, 55° 20' 42"W.
2D	1	Outbound (Belle Isle North Route)	51° 51' 52"N, 55° 41' 12"W.

All times shall be given in Newfoundland Standard Time or Newfoundland Daylight Saving Time, whichever is in effect.

# Strait of Belle Isle Vessel Traffic Services Zone



**CANADIAN HYDROGRAPHIC SERVICE  
PUBLICATION**



**NEW EDITION  
NOW AVAILABLE**

**SAILING DIRECTIONS  
NORTH CHANNEL OF LAKE HURON  
2000**

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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

Page 125 — Paragraph 72, last line

Add: In 1999 a shoal at a depth of 4.3 m (14 ft) was reported in a position 0.9 mile north of Mouse Island.

(A00-001)

Page 260 — Paragraph 131, lines 5-7

Delete: “A **fog signal**” to end of paragraph.

(A00-002)

Gulf of St. Lawrence, First Edition, 1992 —

Page 175 — Paragraph 175, line 2

Delete: 90 feet (27.4 m)

Replace by: 84 feet (25.6 m)

(L99-020.1)

Page NOTES — **GROSSE-ÎLE-NORD** Diagram

Delete light @ 334°, 355 metres from the inside SE corner of the frame.

Replace by a light Fl R 7m @ 334°30', 355 metres from the inside SE corner of the frame.

(L99-021.1)

Page NOTES — **ÎLE D'ENTRÉE** Diagram

Delete Fl G 4s 7m @ 332°30', 347 metres from the inside SE corner of the frame.

Replace by Iso R 2s 5m @ 332°30', 347 metres from the inside SE corner of the frame.

(L99-021.2)

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

Page 20 — Paragraph 193, lines 7 and 8

Delete: “A **buoyed** ... harbour.”

Replace by: Starboard and port hand lighted spar **buoys** TN2, TN4 and TN5 (466.91, 466.92, 466.93) mark the channel leading small craft into the harbour.

(N00-06.5)

CEN 302 — Lake Ontario, First Edition, 1996 —

Page 100 — INDEX, centre column – after “Port Dalhousie, 87”

Insert: Port Darlington, 48

(C00-037.1)

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

Page 25 — Paragraph 33, line 1 – after “**Reef**”

Insert: , marked by a private buoy,

(C00-033.1)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

CEN 306 — Georgian Bay, First Edition, 1998 —

Page 11 — Paragraph 86, last line

Add: A **rock** with a depth of 3 feet (0.9 m) was reported (1998) to lie 0.2 mile south of the island, at the east edge of South Ledge.

(C00-036.1)

Page 56 — Delete paragraph 44.1 as promulgated in Monthly Edition No. 11/99.

(C00-034.1)

Page 100 — Delete paragraph 147.1 as promulgated in Monthly Edition No. 11/99.

(C00-034.2)

Page 121 — Paragraph 135, lines 4 and 5

Delete: “a cylindrical ... parts”

Replace by: *Grondine Rock* light (965), which is shown from a cylindrical tower 35 feet (10.6 m) high, white with red upper and lower portions.

(C00-034.3)

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

Page 32 — Paragraph 59, line 6

Page 32 — Paragraph 61, line 5

Delete: ranges

Replace by: entrance

(C00-035.1)

Page 33 — Paragraph 62, line 4

Delete: range

(C00-035.2)

Page 33 — Delete paragraph 64

Replace by: 64 La Vase River light is located on the north side of a small island 0.1 mile SE of La Vase River Entrance light. La Vase River light is shown at an elevation of 6.3 m (21 ft) from a cylindrical mast 4.7 m (15 ft) high with a red and white rectangular daymark with a red triangle in the centre.

(C00-035.3)

## Section 5

EDN 05/00

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

**NEWFOUNDLAND**

372.7	Man O'War Cove Dolphin	49 34 16.7 54 18 04.9	Fl R 4s 4.1	.....	Cylindrical mast. 2.1	Year round.						Chart:4530 Edn 04/00
466.91	New Harbour Inner light buoy TN5	47 35 27.5 53 33 00	Fl G 4s	.....	Green spar, marked "TN5".	Seasonal.						Chart:4851 Edn 05/00
466.92	New Harbour Middle light buoy TN4	47 35 33 53 33 14.5	Fl R 4s	.....	Red spar, marked "TN4".	Seasonal.						Chart:4851 Edn 05/00
467.04	New Harbour Outer light buoy TN2	47 35 55 53 33 30	Fl R 4s	.....	Red spar, marked "TN2".	Seasonal.						Chart:4851 Edn 05/00

**ATLANTIC**

29 H4174	<b>Great Duck Island</b>	S. end of island. 44 41 03.9 66 41 37.2	Fl W 10s 15.3	<b>18</b>	White square tower on white square building. 8.9	Flash every 10 s. Emergency light. Year round.						Horn - Blast 4s; sil. 56s. Horn points 120°. Year round.	Chart:4340 Edn 04/00
51 H4145	Pompey Ledge	On ledge, off E. side of Deer Island. 44 58 46.6 66 56 42.8	Fl W 4s 4.0	.....	Skeleton tower. 6.2	Radar reflector. Year round.							Chart:4114 Edn 04/00
56 H4140	Stuart Town breakwater	45 01 11.7 66 56 06.5	Fl W 4s 5.6	.....	Skeleton tower. 6.1	Year round.							Chart:4124 Edn 05/00
59 H4136	Spruce Point	N. shore of river. 45 10 02.3 67 11 09.3	F R 8.7	.....	Cylindrical tower, red and white horizontal bands, red band at top. 6.1	Year round.							Chart:4331 Edn 05/00
62 H4130	St. Andrews West Channel	N. side of channel. 45 04 14.9 67 04 05.9	Fl G 4s 2.8	.....	Green skeleton tower. 7.6	Year round.							Chart:4332 Edn 05/00
79.8 H4122	Letete Harbour	On ledge. 45 03 06.5 66 53 47.7	Fl G 4s 2.5	.....	Green cylindrical tower. 7.4	Radar reflector. Year round.							Chart:4124 Edn 04/00

## Section 5

EDN 05/00

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	
141.4	Newcastle Creek	On seaward end of breakwater. 46 03 22 66 00 07.6	FI	R	3.2	.....	Mast. 3.2	Privately operated. Year round.  Chart:4142 Edn 05/00	
192 H3942	Halls Harbour	On outer end of W. breakwater. 45 12 06.4 64 37 14	FI	R	4s	3.9	.....	Skeleton tower. Flash 0.5 s; eclipse 3.5 s. Year round.  Chart:4010 Edn 05/00	
260 H3820	Cape Forchu <b>Racon -... (B)</b> <b>X Band</b>	E. Cape, S. point, Yarmouth Sound. 43 47 38.8 66 09 19.2	FI	W	12s	37.5	13	Hexagonal tower, red and white vertical stripes. 22.9	Flash 2 s; eclipse 10 s Emergency light. Year round.  Chart:4245 Edn 05/00
263 H3826	Bunker Island	SW. point of island. 43 48 44.5 66 08 36.5	F	R		9.8	6	White square tower, red vertical stripe. 9.1	Emergency light. Year round.  Chart:4245 Edn 05/00
284 H3817	Frenchman Point	On rock, SW. of point. 43 38 07 66 01 01.4	FI	R	6s	6.7	.....	Red skeleton tower. Flash 1 s; eclipse 5 s. Year round.  Chart:4244 Edn 05/00	
361 H3765	Gunning Cove (Shelburne Harbour)	On large rock, N. end of shoal. 43 40 53.3 65 20 06.9	FI	W	4s	4.0	13	Triangular skeleton tower. 3.8	Year round. Maintained by Harbour Authority of Gunning Cove.  Chart:4209 Edn 05/00
892	<b>Cape George</b>	On cape. 45 52 26.5 61 54 04	FI(3)	W	12s	121.3	15	White structure. 13.8	Flash 1 s; eclipse 2 s; flash 1 s; eclipse 2 s; flash 1 s; eclipse 5 s Year round.  Chart:4462 Edn 04/00
1807	<i>Light buoy S45</i>							<i>Delete from List.</i>  Chart:1209 Edn 05/00	
1813	<i>Courbe de Caribou light buoy S47</i>	48 26 57.7 70 58 07.7	Q	G	1s	.....	.....	<i>Green, marked "S47".</i> <i>Seasonal.</i>  Chart:1209 Edn 05/00	
1813.8	<i>Light buoy S50</i>	48 27 06.6 70 58 46.9	<i>F</i>	<i>R</i>	<i>4s</i>	.....	.....	<i>Red, marked "S50"</i>  Chart:1209 Edn 05/00	
1820	<i>Quai Maltais light buoy S53</i>	48 27 08.4 70 59 14.2	Q	G	1s	.....	.....	<i>Green, marked "S53".</i> <i>Seasonal.</i>  Chart:1209 Edn 05/00	

## Section 5

EDN 05/00

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**

1820.5	<i>Alignement Simard light buoy S59</i>	48 27 07.6 71 00 14.6	Q G 1s	.....	.....	Green, marked "S59".	Seasonal.
<b>Chart:1209 Edn 05/00</b>							
2125 H2402	Pointe-du-Lac range	46 16 05.5 72 41 43.2	F G	12.4	12	White cylindrical tower, fluorescent orange base and daymark, black vertical stripe. 3.6	Operates at night only. Visible in line of range. Radar reflector. Year round.
			Iso Y 2s	12.4	5		Visible 360°.
2126 H2402.1		056°08' 2262.9m from front.	F G	49.1	10	White skeleton tower, fluorescent orange slatwork daymark, black vertical stripe. 32.7	Operates at night only. Visible in line of range. Year round.
<b>Chart:1312 Edn 04/00</b>							
2285	<i>Courbe Bellmouth light buoy M20</i>	45 54 29.5 73 13 05	Q R 1s	.....	.....	Red, marked "M20".	Winter spar. Year round.
<b>Chart:1338 Edn 05/00</b>							

**INLAND WATERS**

384 H2826	Bayfield Island Sector	E. side of island. 44 11 39 76 19 42	F R AI W RW G AI GW	11.6	.....	White square skeleton tower, fluorescent orange triangular daymark. 10.1	Red from 260°30' to 262°; AI RW from 262° to 262°15'; white from 262°15' to 263°45'; AI GW from 263°45' to 264°; green from 264° to 265°30'. Year round.
<b>Chart:1438 Edn 05/00</b>							
595	Wheatley range	On outer end of wharf. 42 03 39.9 82 27 46.9	Iso R 2s	6.5	.....	White cylindrical tower, red upper portion. 4.2	Year round.
595.1		342°05' 216.6m from front.	F R	9.8	.....	White cylindrical tower, red upper portion, fluorescent orange triangular daymark, black vertical stripe.	Year round.
<b>Chart:2165 Edn 04/00</b>							
842	Thornbury range						Delete from List.
843							
842		Thornbury sector	44 34 00 80 27 02.2	Oc R 10s W G	8.3	.....	Cylindrical mast, white daymark, orange vertical stripe. 5.1
<b>Chart:2201 Edn 04/00</b>							

## Section 5

EDN 05/00

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**

1025.5	Town Point	45 55 18 82 27 36	Iso W 2s	11.2	.....	White cylindrical tower, red upper and lower portions. 7.7	Seasonal.  Chart:2257 Edn 04/00
1574.2							Delete from List.
1574.3	Winnipeg River Entrance South range 2						Chart:6243 Edn 05/00
1574.6							Delete from List.
1574.7	Winnipeg River Entrance East range 1						Chart:6243 Edn 05/00
1574.8							Delete from List.
1574.9	Winnipeg River Entrance Southeast range 3						Chart:6243 Edn 05/00
1616.5	Eating Point	53 15 50 99 14 15	Fl W 4s	8.5	10	Cylindrical mast, red and white rectangular daymark. 6.0	Seasonal.  Chart:6241 Edn 05/00

**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.