



Canada

Canada

VOL 24 MONTHLY EDITION NO 5  
MAY 28, 1999

# EASTERN EDITION OF NOTICES TO MARINERS

Published monthly by the

CANADIAN COAST GUARD

NOTICES

**900 to 958**

CONTENTS

	Page
SEC. I Safety and General Information .....	1 - 7
SEC. II Chart Corrections .....	8 - 20
SEC. III Radio Aids to Marine Navigation Corrections .....	21 - 33
SEC. IV Sailing Directions and Small Craft Guide Corrections.....	35 - 67
SEC. V Light List Corrections.....	69 - 75

Marine Navigation Services  
Directorate  
Marine Aids

**RECYCLED PAPER**

**Internet:**

<http://www.notmar.com>

## 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Mariners are advised that all relevant Written Notices to Shipping should be kept until superseded by Notices to Mariners or through revised charts issued by the Canadian Hydrographic Service.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

#### ***Laurentienne***

GC\SO\COR  
Notices to Shipping  
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***

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

## 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.*

## 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 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.

<b>Table of Stage 1 DGPS Reference Stations</b>					
<b>Station Name</b>	<b>Id Nos of Ref. Stations</b>	<b>DGPS Station ID</b>	<b>Geogr. Pos. Latitude Longitude</b>	<b>Frequency [khz]</b>	<b>Bits/sec.</b>
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
Cardinal ON	308,309	919	44 47 N 75 25 W	306	200
Warton ON	310,311	918	44 45 N 81 07 W	286	200
St. Jean Richelieu QUÉ	312,313	929	45 19 N 73 19 W	296	200
Lauzon QUÉ	316,317	927	46 49 N 71 10 W	309	200
Rivière-du-Loup QUÉ	318,319	926	47 46 N 69 36 W	300	200

<b>Table of Stage 1 DGPS Reference Stations</b>					
<b>Station Name</b>	<b>Id Nos of Ref. Stations</b>	<b>DGPS Station ID</b>	<b>Geogr. Pos. Latitude Longitude</b>	<b>Frequency [khz]</b>	<b>Bits/sec.</b>
Moisie QUÉ	320,321	925	50 12 N 66 07 W	313	200
Partridge Island NB	326,327	939	45 14 N 66 03 W	295	200
Pt. Escuminac NB	332,333	936	47 04 N 64 48 W	319	200
Western Head NS	334,335	935	43 59 N 64 39 W	312	200
Fox Island NS	336,337	934	45 20 N 61 05 W	307	200
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	290	200
Cape Norman NFLD	342,343	944	51 30 N 55 49 W	310	200

#### **DGPS RECEIVER - WARNING**

The Canadian Coast Guard's Differential Global Positioning System (DGPS) broadcast contains built in 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 information properly. Improper processing by 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**

Currently, seventeen DGPS stations are providing Initial Operational Service (IOS) in Canada. The DGPS station at Rigolet, Labrador will be installed in November 30/98. Extensive validation of operational performance is being conducted throughout 1998. Full Operational Service (FOS) will follow after successful validation. Mariners are reminded to use caution when using DGPS until the Service is declared fully operational.

The Canadian Coast Guard has recently received reports 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.

Apart from this, no major difficulties with DGPS implementation have been experienced to date nor are any expected in the future.

## **DISCREPANCY REPORT FOR DGPS USERS**

The Canadian Coast Guard is currently implementing the Differential Global Positioning System in Canada. Currently, seventeen DGPS stations are providing Initial Operational Service (IOS) in Canada. The DGPS station at Rigolet, Labrador will be installed in November 30/98.

Following a service validation period, it is expected that the DGPS service will be announced as providing a Full Operational Service (FOS) in March 1999. The fully operational DGPS service is expected to meet the advertised Levels of Service standards and all service guarantees will be provided with FOS.

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 Marine Aids, Fisheries and Oceans Canada, 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: \_\_\_\_\_  
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: \_\_\_\_\_

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 / Fabriquant: \_\_\_\_\_ 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 Marine Aids  
Fisheries and Oceans Canada  
200 Kent Street, Station 5130  
Ottawa, ON  
K1A 0E6.

## Canada



- 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  
Department of Fisheries & Oceans  
Canadian Coast Guard Directorate  
P.O. Box 5667  
St. John's, NFLD.  
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 WILL BEGIN 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 light stations (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:

Regional Superintendent  
Aids to Navigation  
P.O. Box 1000  
Dartmouth, N.S.  
B2Y 3Z8  
(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  
 101 CHAMPLAIN BOULEVARD, QUÉBEC (QUÉ), G1K 7Y7

## **CENTRAL & ARCTIC REGION**

Aids Modernization 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  
Central and Arctic Region  
201 Front Street North, Suite 703  
Sarnia, Ontario, N7T 8B1  
Telephone (519) 383-1859 or (519) 383-1861  
Facsimile (519) 383-1989

**MONTHLY EDITION OF NOTICES TO MARINERS**

**MAILING LIST CHANGES**

Director General,  
Marine Navigation Services Directorate,  
Canadian Coast Guard,  
Department of Fisheries and Oceans,  
Ottawa, Ontario,  
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** \_\_\_\_\_

<b>OLD ADDRESS</b>	
<b>NAME</b> .....	
<b>STREET</b> .....	<b>APT</b> .....
<b>CITY</b> .....	<b>POSTAL CODE</b> .....
<b>PROVINCE</b> .....	<b>COUNTRY</b> .....
<b>NEW ADDRESS</b>	
<b>NAME</b> .....	
<b>STREET</b> .....	<b>APT</b> .....
<b>CITY</b> .....	<b>POSTAL CODE</b> .....
<b>PROVINCE</b> .....	<b>COUNTRY</b> .....

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

*or*

*Attach complete address label to this sheet*



## NATIONAL

CANADA - Entry into force for Canada of the International Convention on Civil Liability for Oil Pollution	957	5,6
- Transport Canada Publications - Ship Safety Bulletins 1999.....	955	6
CANADIAN COAST GUARD PUBLICATION - Amendments to the Radio Aids to Marine Navigation (Atlantic and Great Lakes) publication 1999.....	956	21-33
CANADIAN HYDROGRAPHIC SERVICE - Charts .....	953	1
- Cumulative Chart Correction List.....	900	1-5
- Sailing Direction Publication.....	958	7

## NEWFOUNDLAND

LABRADOR COAST - LABRADOR SEA - OFF BLACK BEAR ISLAND - Chart amendments.....	949	10
- OFF PAUL ISLAND - Buoys and light.....	929	11
NEWFOUNDLAND - LABRADOR - HAMILTON INLET - Buoys and lights.....	901	9
- HUNTINGDON ISLAND - Buoy.....	904	9
NEWFOUNDLAND, EAST COAST - CONCEPTION BAY - Buoy.....	927	8
- ST. JOHN'S HARBOUR - Shoal depth. ....	924	8
NEWFOUNDLAND, NORTHEAST COAST - SELDOM HARBOUR - Light.....	948	8
NEWFOUNDLAND, SOUTHEAST COAST - CONCEPTION BAY - Buoys.....	926	8

## MARITIMES

BAY OF FUNDY - MINAS BASIN - OFF MOOSE ISLAND - Light discontinued.....	942	12
- PASSAMAQUODDY BAY - ST. ANDREWS - Temporary light buoy discontinued	946	17
BAY OF FUNDY - POINT LEPREAU AND THE WOLVES - Buoys.....	930	15
CAPE BRETON ISLAND, ATLANTIC COAST - ASPY BAY - Submarine cables.....	918	10
NOVA SCOTIA, SOUTHEAST COAST - ANDREW ISLAND - Buoys.....	943	10,11
- ANDREW ISLAND - Buoys.....	944	10
- LOCKEPORT HARBOUR - GULLROCK - Light.....	915	14
- MAHONE BAY - Buoys.....	906	13
- Buoys.....	908	13
- MUSQUODOBOIT SHOAL - Buoys.....	921	12
- OFF EAST CAPE - Chart amendment.....	950	14
- PORT MOUTON - Buoy.....	907	13
NOVA SCOTIA, SOUTHWEST COAST - APPROACHES TO HALIFAX HARBOUR - Buoy.....	912	12
- LURCHER SHOAL AND LURCHER SHOAL WEST - Buoys.	928	16,17
UNITED STATES, EAST COAST - GULF OF MAINE - PENOBSCOT BAY - Buoy.....	934	17

## GULF AND RIVER ST. LAWRENCE

GULF OF ST. LAWRENCE - CHALEUR BAY - PORT DANIEL - Shoal depths.....	909	13,14
- NORTHUMBERLAND STRAIT - BASIN HEAD - Light.....	913	11

## GULF AND RIVER ST. LAWRENCE (cont'd)

PRINCE EDWARD ISLAND, NORTH SHORE - MALPEQUE BAY - DARNLEY BASIN - Buoy...	919	12
QUÉBEC - ÎLES DE LA MADELEINE - CAP-AUX-MEULES - Shoal depths.....	923(P)	11
ST. LAWRENCE RIVER - CHENAL LE MOYNE - Shoal depth.....	931	18
- DONNACONA - Chart amendments.....	916	17,18
- LAC SAINT-PIERRE - LA LONGUE POINTE - Light.....	933	18
- LAC SAINT-PIERRE - LOUISEVILLE - Submarine cable.....	914	18
- PÉNINSULE DE LA GASPÉSIE - LES MÉCHINS - Dolphin and light.	925	17
- SAINTE-ANNE-DES-MONTS - Shoal depths.....	945	16
- SEPT-ÎLES - Shoal depths.....	920(P)	14,15
ST. LAWRENCE SEAWAY - LAC SAINT-LOUIS - BEACONSFIELD Outfall and depth.....	910	18,19

## CENTRAL

ONTARIO - HAMILTON HARBOUR - Chart amendment.....	952	19
LAKE HURON - BOYD ISLAND TO SPANISH RIVER - Buoy.....	938	19
LAKE SUPERIOR - Chart amendment.....	951	19
MANITOBA - LAKE WINNIPEG - BIRDNEST POINT - Buoy.....	936	20
- LAKE WINNIPEG - RABBIT POINT - Buoy.....	937	20
- LAKE WINNIPEG - SELKIRK TO LAKE WINNIPEG - Buoys.....	939	20

## ARCTIC

HUDSON BAY - CHURCHILL - Light.....	935	20
- POINTE LOUIS XIV - Elevation.....	941	19

NUMERICAL INDEX OF CANADIAN CHARTS AFFECTED

Chart No.	Notice #	Page	Chart No.	Notice #	Page	Chart No.	Notice #	Page
1220	920(P)	14,15	LC 4240	907 915	13 14	LC 5023	901	9
1230	925 945	17 16	LC 4243	928 950	16,17 14	5042	901	9
1310	931 953	18 1	4281	944	10	5043	901	9
1312	914 933	18 18	LC 4320	908 912 921	13 12 12	5044	949	10
1315	916	17,18	LC 4321	944	10	5052	929	11
1316	953	1	4331	946	17	5070	953	1
1410	910	18,19	4332	946	17	5134	901 904	9 9
LC2064	953	1	LC 4363	918	10	5135	901	9
2067	952	19	4381	906 908	13 13	5476	941	19
2268	938	19	4384	908	13	6240	937	20
LC 2309	951	19	4386	908	13	6241	936	20
LC 4003	928	16,17	LC 4403	913	11	6242	939	20
LC 4010	942	12	LC 4486	953	1	LC 8047	901	9
LC 4011	928 930 934	16,17 15 17	4491	919	12	LC 8048	901	9
LC 4012	908 915 928	14 16,17	4530	948	8			
LC 4013	943	10,11	LC 4700	901	9			
LC 4116	930	15	4730	901	9			
4209	915	14	4732	901	9			
LC 4230	907 915 928	13 14 16,17	LC 4846	924	8			
LC 4233	944	10	LC 4847	927	8			
LC 4236	921	12	4849	926	8			
LC 4237	912	12	4921	909	13,14			
			4956	923(P)	11			
			5003	935	20			

**\*953 CANADIAN HYDROGRAPHIC SERVICE - Charts.**

CHART	TITLE & CONTENTS	SCALE	DATED	CAT #	PRICE
<b>1. New Editions.</b>					
	ST. LAWRENCE RIVER/FLEUVE SAINT-LAURENT				
1310	PORT DE MONTREAL HARBOUR	1:15 000	Mar. 12/99	1	\$20.00
	Note: 1. This chart is affected by Notices 720/99 and 931/99.				
	2. This chart incorporates and cancels Notices 2304(P)/98, 2305(P)/98 and 2309(P)/98.				
1316	PORT DE QUÉBEC	1:15 000	Feb. 26/99	1	20.00
	Note: This chart incorporates and cancels Notices 430(P)/97, 1122(T)/98 and 114(P)/99.				
	LAKE ONTARIO/LAC ONTARIO				
L/C 2064	KINGSTON TO/À FALSE DUCK ISLANDS	1: 61 528	Mar. 05/99	3	20.00
	GULF OF ST. LAWRENCE/GOLFE DU SAINT-LAURENT				
L/C 4486	BAIE DES CHALEURS/CHALEUR BAY	1:150 000	Feb. 19/99	1	20.00
	This chart is affected by Notices 798(P)/94, 306(P)/96 and 544(P)/99.				
	LABRADOR				
5070	SATOSOAK ISLAND TO/À AKULIAKATAK PENINSULA	1:25 000	Nov. 20/98	1	20.00
(AMA8035-10-35)					(DFO-H99-081)

**\*900 CANADIAN HYDROGRAPHIC SERVICE - Cumulative chart correction list.**

The accompanying correction list is a cumulative list of charts affected by Notices to Mariners from 26-February-99 to 28-April-99

Chart	Edition and Notices to Mariners Numbers
1202	14(704/99)
1209	14(704/99)
L/C 1234	16(729/99), 13(576/99), 11(542/99)
L/C 1236	10(509/99), 9(317/99, 314/99)
1310	15(720/99)
1312	16(734/99, 732/99)

1317	11(519/99 New Edition), 10(511/99)
1338	10(506/99)
1409	11(545/99)
1410	11(545/99)
1411	11(527/99)
1435	11(532/99)
1436	11(532/99)
2085	11(534/99)
L/C 2100	14(709/99)
L/C 2110	16(738/99)
L/C 2120	14(709/99), 9(341/99 New Edition)
L/C 2121	11(528/99)
L/C 2122	11(528/99)
L/C 2123	17(750/99)
L/C 2200	15(714/99)
L/C 2228	15(714/99)
2239	11(535/99)
L/C 2244	14(707/99)
L/C 2245	14(707/99)
2289	13(571/99), 11(535/99)
2293	17(751/99)
L/C 2301	15(712/99)
L/C 2302	15(712/99)
2303	15(712/99)
2308	15(712/99)
L/C 2309	15(712/99)
2310	15(712/99)
2311	15(712/99)
2312	15(712/99)
2313	15(712/99)
2314	15(712/99)
L/C 3000	10(507/99)
L/C 3001	11(525/99), 9(331/99)
L/C 3002	11(538/99, 525/99), 10(507/99)
3419	9(323/99)
3424	11(536/99)
3442	9(336/99, 329/99)
3443	11(516/99), 9(336/99)
3457	17(746/99)
3458	17(746/99), 11(516/99)
L/C 3461	17(753/99), 11(536/99)
L/C 3462	17(753/99), 16(733/99), 11(536/99), 9(329/99)
L/C 3463	11(516/99), 10(505/99), 9(336/99, 330/99, 316/99)
3473	9(336/99)
3481	10(505/99), 9(316/99)
3490	9(330/99)
3492	9(330/99)
3493	10(505/99)
L/C 3512	16(728/99), 11(519/99 New Edition), 10(505/99), 9(316/99)
L/C 3513	11(516/99)
3515	13(574/99)
3526	16(731/99, 728/99), 10(505/99)
3527	11(516/99)
3534	16(728/99)
3535	11(516/99)
3545	13(574/99)
3546	13(574/99), 11(523/99)

3549	11(525/99)
3550	11(525/99)
3598	11(525/99)
3601	16(733/99)
L/C 3602	9(331/99)
L/C 3605	11(525/99)
L/C 3606	9(331/99)
3670	14(705/99)
3675	11(519/99 New Chart)
3676	11(519/99 New Chart)
3720	12(558/99)
3726	10(507/99)
3728	17(744/99)
3729	12(559/99)
3730	12(559/99)
L/C 3744	11(538/99, 525/99), 10(507/99)
3785	12(558/99)
3787	17(743/99)
3807	12(557/99)
L/C 3853	12(557/99)
L/C 3902	10(507/99)
3934	16(730/99), 11(537/99)
3960	15(718/99)
4000	12(550/99)
L/C 4001	17(747/99, 742/99), 12(550/99), 9(335/99)
L/C 4002	9(334/99)
L/C 4003	16(735/99), 12(550/99)
L/C 4006	12(550/99)
L/C 4012	16(736/99, 721/99)
L/C 4013	16(725/99), 12(564/99, 550/99), 9(321/99)
L/C 4015	9(328/99)
L/C 4020	16(726/99)
L/C 4022	9(328/99)
L/C 4023	10(503/99), 9(321/99)
L/C 4045	12(550/99)
L/C 4098	12(550/99)
L/C 4099	12(550/99)
L/C 4118	9(341/99 New Edition)
4211	16(736/99)
L/C 4227	12(564/99), 9(324/99)
L/C 4230	10(512/99)
L/C 4233	9(324/99)
L/C 4234	12(553/99), 9(324/99)
L/C 4236	12(564/99)
L/C 4237	13(568/99)
4279	10(504/99)
4281	9(324/99)
L/C 4320	16(736/99), 12(564/99, 562/99, 560/99, 555/99)
L/C 4321	9(324/99)
L/C 4363	9(333/99, 325/99)
4384	16(736/99)
L/C 4385	14(711/99), 12(555/99)
4386	13(567/99), 12(560/99)
L/C 4403	9(321/99)
L/C 4404	9(321/99)
4419	9(321/99)
4420	9(321/99)

L/C 4451	15(719/99)
4470	12(548/99)
L/C 4485	12(552/99)
4512	16(724/99)
4514	11(518/99)
4521	13(573/99)
4595	14(710/99), 13(572/99)
4596	14(710/99), 13(572/99)
4598	14(710/99)
4635	9(327/99)
4682	9(332/99)
L/C 4700	17(745/99), 10(500/99)
4701	17(745/99), 11(546/99, 517/99)
4702	17(745/99)
4703	13(566/99), 11(515/99)
4724	14(701/99)
4728	13(569/99), 11(541/99)
L/C 4730	10(500/99)
L/C 4731	17(745/99)
4744	13(566/99)
4745	11(515/99)
L/C 4831	11(544/99)
4839	9(315/99)
4843	14(702/99)
L/C 4847	11(539/99)
4849	11(539/99)
4855	16(727/99), 11(543/99)
4865	13(572/99)
L/C 4906	11(524/99), 10(503/99)
4912	17(748/99)
4920	11(540/99)
4921	12(547/99)
L/C 4951	15(719/99)
L/C 5001	10(500/99)
L/C 5023	10(500/99)
L/C 5030	11(517/99)
5031	11(517/99)
5046	9(322/99)
5047	9(322/99)
5048	10(500/99)
5049	10(508/99)
5133	13(566/99)
5134	15(716/99)
5135	10(513/99)
5138	15(716/99)
5143	13(569/99)
5397	17(749/99)
5457	9(341/99 New Edition)
L/C 8005	15(715/99)
L/C 8006	15(717/99)
L/C 8007	16(723/99), 12(564/99, 550/99)
L/C 8049	17(745/99)
(AMA8035-10-35)	(DFO-H99-082)

**\*957 CANADA - Entry into force for Canada of the International Convention on Civil Liability for Oil Pollution Damage, 1992 (1992 CLC) and denunciation of the 1969 CLC.**

1.	The 1969 CLC first entered into force for Canada on April 24, 1989, as provided for in Part XVI of the Canada Shipping Act (CSA). Amendments to Part XVI of the CSA contained in Chapter 6 of the Statutes of Canada 1998 implemented the 1992 CLC, which will come into force for Canada on May 29, 1999. Therefore, on May 29, 1999, Canada will have denounced the 1969 CLC and will be party to the 1992 CLC.	
2.	These amendments substantially increase the shipowners' limits of liability for oil pollution damage and will result in new certification requirements.	
3.	Up to May 29, 1999, certain foreign ships calling at Canadian ports and offshore terminals and certain Canadian ships are required to carry certificates showing that a contract of insurance or other security that satisfies the requirements of the 1969 CLC is in force in respect of the ship. After May 29, 1999 all these ships will instead be required to carry a certificate showing that a contract of insurance or other security that satisfies the requirements of the 1992 CLC is in force in respect of the ship.	
4.	It should be noted that the area of application has been extended to include voyages to offshore terminals in the exclusive economic zone, and therefore the requirement for certification under the 1992 CLC may include some ships that did not require certification under the 1969 CLC. A 1992 CLC Certificate will be required for all sea going ships carrying, in bulk as cargo, more than 2,000 tons (which is equivalent to 2,040 tonnes based on metric conversion in Part XVI of the CSA) of crude oil, fuel oil, heavy diesel oil, lubricating oil or any other persistent hydrocarbon mineral oil that:	
	(a)	enter or leave a port in Canadian waters or in the exclusive economic zone of Canada or arrive at or leave an offshore terminal in Canadian waters or in the exclusive economic zone of Canada, or
	(b)	if the ship is registered in Canada, enter or leave a port in any other state, whether or not that state is a party to the Civil Liability Convention, or arrive at or leave an offshore terminal
	(i)	in the territorial sea or internal waters of any such state, or
	(ii)	in the exclusive economic zone of any such state or, if the state has not established an exclusive economic zone, in an area beyond and adjacent to the territorial sea of that state, and extending not more than 200 nautical miles from the baselines from which the breadth of its territorial sea is measured.
5.	Certificates shall be carried on board and be available for production to any duly authorized officer of the Government of Canada.	
6.	For Canadian ships, the 1992 CLC Certificate shall be issued by the Marine Safety Directorate, Transport Canada.	
7.	For ships registered in States that are party to the 1992 CLC, the 1992 CLC Certificate shall be issued under the authority of the government of that State.	
8.	For ships registered in States that are party to the 1969 CLC, the 1992 Certificate shall be issued either:	
	(a)	under the authority of the government of a State that is party to the 1992 CLC,
	(b)	by the Marine Safety Directorate, Transport Canada, or
	(c)	under the authority of the government of the flag State.
9.	For ships registered in States that are not party to either the 1969 CLC or the 1992 CLC, the 1992 CLC Certificate shall be issued either:	
	(a)	under the authority of the government of a State that is party to the 1992 CLC, or



	(b)	by the Marine Safety Directorate, Transport Canada.
10.	Additional information may be obtained from any Transport Canada Marine Safety office.	
(AMA8035-10-1)		(CCG-H99-050)

**\*955 TRANSPORT CANADA PUBLICATIONS - Canada Ship Safety Bulletins - 1999**

The following bulletins have been issued in 1999:		
No. 1	January 12, 1999	SPORT FISHING
No. 2	January 19, 1999	THE YEAR 2000 AND THE GPS ROLLOVER PROBLEMS
No. 3	February 2, 1999	CERTIFICATES OF COMPETENCY AS CHIEF ENGINEER - MOTOR DRIVEN FISHING VESSEL (C/E-MDFV) & WATCHKEEPING ENGINEER - MOTOR DRIVEN FISHING VESSEL (WKE-MDFV)
No. 4	March 25, 1999	NAVIGATIONAL EQUIPMENT PERFORMANCE STANDARDS
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	
(AMA8035-10-1)		(CCG-H99-048)

**\*958 CANADIAN HYDROGRAPHIC SERVICE - Sailing Direction Publication.**

The Second Edition of ATL 111 - St. Lawrence River, Île Verte to Québec, 1999, is now available. This booklet replaces the first edition of ATL 111 - St. Lawrence River, Île Verte to Québec, 1992.

All relevant information published in Canadian Notices to Mariners up to and including Monthly Edition No. 3 of 1999 has been incorporated in this edition. The price of this booklet is \$9.95

(AMA8035-10-35)

(DFO-H99-085)



(AMA8035-10-7-2)

(CCG-N98-153, DFO-A98-008)

**\*904 NEWFOUNDLAND - LABRADOR - HUNTINGDON ISLAND - Buoy.**

Chart (Last correction) - 5134(1)(901/99)

Reference: Notices 1131/98 and 716/99.

- |            |  |                           |
|------------|--|---------------------------|
| 1. Replace | red light buoy NC1.2 with a red lighted spar buoy FI R, marked NC1.2 | 53°44'51" N 56°55'03".6 W |
|------------|--|---------------------------|

(AMA8035-10-35)

(DFO-H99-069)

**\*901 NEWFOUNDLAND - LABRADOR - HAMILTON INLET - Buoys and lights.**

Charts (Last correction) - 5135(NAD 27)(1-6)(513/99) - 5134(2)(716/99) - 5043(7,8)(100/99) - 5042(7-10)(392/97) - 5042(Inset, Holton Harbour)(8)(392/97) - LC 5023(NAD 83)(11)(500/99) - 4732(4,6)(735/96) - 4730(13)(500/99) - LC 8047(14)(1143/98) - LC 8048(14)(New Edn., Dec./94) - LC 4700(12)(745/99)

- |         |   |                           |
|---------|---|---------------------------|
| 1. Add  | isolated danger lighted pillar buoy BRB FI(2) 5s, marked HE | 54°13'37" N 57°15'29" W   |
| 2. Add  | east cardinal lighted pillar buoy BYB Q(3) 10s, marked HM   | 54 09 30 N 57 19 11 W     |
| 3. Add  | light LFI 10s 118ft 6M                                      | 54 44 12 N 57 20 42 W     |
| 4. Add  | light FI 4s 77ft  | 54 37 37 N 57 16 28.5 W   |
| 5. Add  | light Q G   | 54 28 00 N 57 19 26.4 W   |
| 6. Add  | light FI 3s 217ft   | 54 27 13.5 N 57 05 42 W   |
| 7. Add  | light LFI 10s 36m 6M  | 54 44 12.3 N 57 20 41.2 W |
| 8. Add  | light FI 4s 23m   | 54 37 37.3 N 57 16 27.7 W |
| 9. Add  | light Q G   | 54 28 00.3 N 57 19 25.6 W |
| 10. Add | light FI 3s 66m   | 54 27 13.8 N 57 05 41.2 W |
| 11. Add | light LFI 10s 36m 6M  | 54 44 12.5 N 57 20 37.7 W |
| 12. Add | light LFI   | 54 44 00 N 57 21 00 W     |
| 13. Add | light LFI 10s 118ft   | 54 44 00 N 57 20 40 W     |
| 14. Add | light LFI 10s 36m   | 54 44 00 N 57 20 40 W     |

NOTE: Digital data products 8048R/M and 76219(5135) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-2; 7-2)

(CCG-N97-094, N98-015,268,269,292,305)(DFO-A98-079)

**\*949 LABRADOR COAST - LABRADOR SEA - OFF BLACK BEAR ISLAND - Chart amendments.**

Chart (Last correction) - 5044(1,2)(2331/98)

Reference: Notice 82/94.

On certain copies.

- |           |  |                         |
|-----------|--|-------------------------|
| 1. Delete | submerged rock Rep<br>(1993) Breakers/Brisants | 55°02'02" N 58°24'34" W |
| 2. Add    | submerged rock Rep<br>(1993) Breakers/Brisants | 55 02 02.4 N 58 34 24 W |

(AMA8035-10-35)

(DFO-H99-078)

**\*918 CAPE BRETON ISLAND, ATLANTIC COAST - ASPY BAY - Submarine cables.**

Chart (Last correction) - LC 4363(NAD 27)(1,2)(333/99)

- |           |                 |                    |  |
|-----------|-----------------|--------------------|--|
| 1. Delete | submarine cable | between<br>and     | 46°57'35".5 N 60°21'36".9 W<br>46 57 56.9 N 60 20 59.5 W   |
| 2. Add    | submarine cable | joining<br><br>and | 46 57 35.5 N 60 21 36.9 W<br>46 57 43.7 N 60 21 15.5 W<br>46 57 42.4 N 60 21 09 W<br>46 57 56.9 N 60 20 59.5 W |

NOTE: Digital data products 4363R/M and 76167(4363) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-A99-041)

**\*944 NOVA SCOTIA, SOUTHEAST COAST - ANDREW ISLAND - Buoys.**

Charts (Last correction) - 4281(NAD 27)(1)(324/99) - LC 4233(NAD 83)(2)(324/99) - LC 4321(NAD 27)(3)(324/99)

- |        |      |                             |
|--------|------|-----------------------------|
| 1. Add | WHIS | 45°17'17".7 N 60°53'08".3 W |
| 2. Add | WHIS | 45 17 18 N 60 53 06 W       |
| 3. Add | WHIS | 45 17 19.2 N 60 53 09.9 W   |

NOTE: Digital data products 4233R/M, 4281R/M, 4321R/M, 76067(4233), 76068(4233) and 76069(4233) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-H99-076)

**\*943 NOVA SCOTIA, SOUTHEAST COAST - ANDREW ISLAND - Buoys.**

Chart (Last correction) - LC 4013(NAD 27)(1,2)(725/99)

Reference: Notice 324/99.

- |           |   |                             |
|-----------|---|-----------------------------|
| 1. Delete | red light buoy P18  | 45°16'38".5 N 60°53'50".6 W |
| 2. Add    | east cardinal lighted pillar buoy BYB<br>Q(3) 10s, marked PK WHIS | 45°17'19".2 N 60 53'09".9 W |

NOTE: Digital data products 4013R/M and 76204(4013) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-H99-075)

**\*929 LABRADOR COAST - OFF PAUL ISLAND - Buoys and light.**

Chart (Last correction) - 5052(NAD 83)(1-5)(2157/98)

- |        |                                   |                           |
|--------|-----------------------------------|---------------------------|
| 1. Add | green light buoy FI G, marked NS7 | 56°33'42".7 N 61°35'45" W |
| 2. Add | red light buoy, FI R, marked NS6  | 56 32 20.7 N 61 22 00.3 W |
| 3. Add | red conical buoy, marked NA4      | 56 25 02.6 N 61 08 13.4 W |
| 4. Add | red conical buoy, marked NS2      | 56 22 30 N 61 06 42 W     |
| 5. Add | light Mo(A) 23m                   | 56 29 35 N 61 38 35 W     |

(AMA8035-10-5-2; 7-2)

(CCG-N97-083,090,099,100, N98-029)

**\*923(P) QUÉBEC - ÎLES DE LA MADELEINE - CAP-AUX-MEULES - Shoal depths.**

Chart (Which will be affected) - 4956(NAD 83)(1-6)

- |            |  |                             |
|------------|--|-----------------------------|
| 1. Replace | 5 metres 2 decimetres with 4<br>metres<br>7 decimetres | 47°22'48".4 N 61°51'21".6 W |
| 2. Add     | 4 metres 5 decimetres                                  | 47 22 48.8 N 61 51 17.5 W   |
| 3. Add     | 4 metres 5 decimetres                                  | 47 22 47.5 N 61 51 18.3 W   |
| 4. Add     | 5 metres   | 47 22 45.8 N 61 51 18.3 W   |
| 5. Add     | 4 metres 8 decimetres                                  | 47 22 45.1 N 61 51 20.7 W   |
| 6. Add     | 4 metres 6 decimetres                                  | 47 22 46.8 N 61 51 22.3 W   |

NOTE: (1) A new edition incorporating the above-mentioned changes will be available at a later date.  
(2) Digital data products 4956R/M and 79046(4956) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers

(VAR) for updates.

(AMA8035-10-35)

(DFO-Q99-044)

**\*913 GULF OF ST. LAWRENCE - NORTHUMBERLAND STRAIT - BASIN HEAD - Light.**

Chart (Last correction) - LC 4403(NAD 27)(1)(321/99)

1. Delete light 46°22'35" N 62°06'33" W

NOTE: Digital data products 4403R/M and 76248(4403) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-7-6)

(CCG-G97-170)(DFO-A98-117)

**\*921 NOVA SCOTIA, SOUTHEAST COAST - MUSQUODOBOIT SHOAL - Buoys.**

Charts (Last correction) - LC 4236(NAD 83)(1-3)(564/99) - LC 4320(NAD 83)(2)(912/99)

1. Delete green light and whistle buoy YV1 44°38'18" N 63°04'41" W

2. Delete green light and whistle buoy YV1 44 38 22 N 63 04 34 W (approx.)

3. Amend YV1 to read YV13 against green spar buoy 44 41 30 N 63 04 44 W (approx.)

NOTE: Digital data products 4236R/M, 4320R/M, 76055(4320) and 76083(4236) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-7)

(CCG-F98-137)(DFO-A98-127)

**\*912 NOVA SCOTIA, SOUTHWEST COAST - APPROACHES TO HALIFAX HARBOUR - Buoy.**

Charts (Last correction) - LC 4237(Int. 4631)(NAD 83)(1)(568/99) - LC 4320(NAD 83)(1)(908/99)

1. Add yellow light and whistle buoy FI Y, marked HNWC 44°32'41" N 63°25'15" W

NOTE: Digital data products 4237R/M, 4320R/M, 76009(4237) and 76055(4320) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-7)

(CCG-F98-205)(DFO-A98-116)

**\*919 PRINCE EDWARD ISLAND, NORTH SHORE - MALPEQUE BAY - DARNLEY BASIN - Buoy.**

Chart (Last correction) - 4491(1)(427/95)

Reference: Notice 65(T)/96 cancelled.

1. Delete red light buoy JU4 46°33'28" N 63°41'04" W

NOTE: Digital data products 4491R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-6)

(CCG-G97-163)(DFO-A98-118)

**\*942 BAY OF FUNDY - MINAS BASIN - OFF MOOSE ISLAND - Light discontinued.**

Chart (Which was temporarily affected) - LC 4010(NAD 27)

Reference: Notice 350(P)/94 cancelled.

NOTE: Digital data products 4010R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-7-7)

(CCG-F99-009)(DFO-A99-040)

**\*908 NOVA SCOTIA, SOUTHEAST COAST - MAHONE BAY - Buoys.**

Charts (Last correction) - 4381(NAD 27)(1-3)(906/99) - 4386(NAD 27)(2,3)(567/99) - 4384(NAD 27)(3)(736/99) - LC 4012(NAD 27)(3)(736/99) - LC 4320(NAD 83)(4)(736/99)

1. Delete	light and whistle buoy M	44°25'34" N 64°13'00" W
2. Delete	green light and whistle buoy DE51	44 28 39 N 64 02 45 W
3. Delete	red light and whistle buoy D32	44 21 23 N 64 02 11 W
4. Delete	red light and whistle buoy D32	44 21 23.3 N 64 02 08.6 W

NOTE: Digital data products 4012R/M, 4320R/M, 4381R/M, 4384R/M, 4386R/M, 76055(4320), 76195(4386), 76198(4012) and 76199(4381) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-7)

(CCG-F98-129,131,132)(DFO-A98-085)

**\*906 NOVA SCOTIA, SOUTHEAST COAST - MAHONE BAY - Buoys.**

Chart (Last correction) - 4381(1,2)(Inset, ChesterHarbour)(NAD 27)(2-4)(506/95)

1. Reposition	can control buoy and legend 5	from	44°32'18" N 64°15'31" W
		to	44 32 18 N 64 15 38 W
2. Delete	can control buoy		44 31 49.5 N 64 14 59 W
3. Delete	can control buoy		44 31 48.6 N 64 14 19 W
4. Add	control can buoy WOr, marked MC103		44 32 03.6 N 64 14 25.2 W

NOTE: Digital data products 4381R/M, 76199(4381) and 76200(4381) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-7)

(CCG-F98-056-058)(DFO-A98-081)

**\*907 NOVA SCOTIA, SOUTHEAST COAST - PORT MOUTON - Buoy.**

Charts (Last correction) - LC 4240(NAD 83)(1)(107/98) - LC 4230(NAD 83)(1)(512/99)

1. Delete green light and bell buoy US51 43°51'12" N 64°45'39".5 W

NOTE: Digital data products 4230R/M, 4240R/M, 76044(4230) and 76045(4240) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-7)

(CCG-F98-125)(DFO-A98-083)

**\*909 GULF OF ST. LAWRENCE - CHALEUR BAY - PORT DANIEL - Shoal depths.**

Chart (Last correction) - 4921(Inset,Quai/Wharf Port-Daniel-Est)(NAD 83)(1-4)(547/99)

1. Add 1 metre 48°10'56".2 N 64°57'42".5 W

2. Replace 0 metre 6 decimetres with 0 metre 3 decimetres 48°10'56".1 N 64°57'44".9 W

3. Add 0 metre 2 decimetres 48 10 54.4 N 64 57 42.4 W

4. Replace 0 metre 8 decimetres with 0 metre 3 decimetres 48 10 55.2 N 64 57 44.7 W

NOTE: Digital data products 4921R/M and 79070(4921) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q99-039)

**\*915 NOVA SCOTIA, SOUTHEAST COAST - LOCKEPORT HARBOUR - GULL ROCK - Light.**

Charts (Last correction) - LC 4012(NAD 27)(1)(908/99) - LC 4230(NAD 83)(2)(907/99) - LC 4240(NAD 83)(2)(907/99) - 4209(Plan,Lockeport Harbour)(NAD 83)(2)(1318/98)

1. Amend Oc 10s 56ft 14M to read Fl 15s 43°39'18".3 N 65°05'55".9 W  
56ft 16M

2. Amend Oc 10s 17m 14M to read Fl 15s 43 39 18.3 N 65 05 55.9 W  
17m 16M

NOTE: Digital data products 4012R/M, 4209R/M, 4230R/M, 4240R/M, 76040(4209), 76042(4209), 76044(4230), 76045(4240) and 76198(4012) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-7-7)

(CCG-F98-006, F99-010)(DFO-A98-080)

**\*950 NOVA SCOTIA, SOUTHEAST COAST - OFF EAST CAPE - Chart amendment.**

Chart (Last correction) - LC 4243(NAD 27)(1)(928/99)

Reference: Notices 916/98 and 1154/98.



On certain copies.

1. Delete radar transponder beacon 43°46'57".3 N 66°09'29".8 W

NOTE: Digital data products 4243R/M, 76018(4243) and 76060(4243) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-H79-099)

**\*920(P) ST. LAWRENCE RIVER - SEPT-ÎLES - Shoal depths.**

Chart (Which will be affected) - 1220(Inset, SeptÎles)(NAD 83)(1-16)

1. Replace	3 metres 3 decimetres with 2 metres 9 decimetres	50°12'18".2 N 66°23'27".3 W
2. Replace	2 metres 8 decimetres with 2 metres 5 decimetres	50 12 23 N 66 23 35.3 W
3. Replace	3 metres 7 decimetres with 3 metres 4 decimetres	50 12 22.5 N 66 23 38.7 W
4. Replace	4 metres 4 decimetres with 4 metres 1 decimetre	50°12'19".5 N 66°23'37".5 W
5. Replace	5 metres 3 decimetres with 4 metres 7 decimetres	50 12 21.1 N 66 23 34.9 W
6. Replace	5 metres 3 decimetres with 4 metres 8 decimetres	50 12 19.6 N 66 23 33 W
7. Delete	4 metres 9 decimetres	50 12 21.9 N 66 23 31.5 W
8. Add	4 metres	50 12 22 N 66 23 32.3 W
9. Replace	3 metres 2 decimetres with a drying height of 0 metres 7 decimetres	50 12 21.2 N 66 23 28.5 W
10. Replace	0 metres 3 decimetres with a drying height of 0 metres 1 decimetre	50 12 26.8 N 66 23 29.5 W
11. Add	1 metre 4 decimetres	50 12 19.2 N 66 23 27.2 W
12. Add	2 metres	50 12 19.7 N 66 23 28.3 W
13. Add	1 metre 9 decimetres	50 12 24.6 N 66 23 33.4 W
14. Add	a dolphin	50 11 52.8 N 66 23 00.7 W
15. Add	5 metres	50 12 20.1 N 66 23 38.8 W



	against bifurcation buoy NM		
3. Reposition	bifurcation buoy NM	from	43 49 47.3 N 66 29 58.9 W
		to	43 49 00.3 N 66 29 57.9 W
4. Add	magenta circle and legendRacon against bifurcation buoy NM		43 49 00.3 N 66 29 57.9 W
5. Reposition	bifurcation buoy	from	43 49 47 N 66 30 01 W
		to	43 49 00 N 66 30 00 W
6. Add	magenta circle and legendRacon against bifurcation buoy		43 49 00 N 66 30 00 W
7. Add	lighted bifurcation buoy RGR FI(2+1) R, WHIS, Racon		43 49 00 N 66 30 00 W
8. Delete	light and whistle buoy NK		43 47 30 N 66 37 00 W
9. Delete	light and whistle buoy		43 47 40 N 66 37 00 W
10. Delete	light and whistle buoy		43 47 35 N 66 38 00 W
11. Delete	light and whistle buoy		43 47 30 N 66 37 00 W

NOTE: Digital data products 4003R/M, 4011R/M, 4012R/M, 4230R/M, 4243R/M, 76018(4243), 76044(4230), 76140(4003), 76198(4012) and 76206(4011) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-7)

(CCG-F98-126,143)(DFO-A98-108)

**\*925 ST. LAWRENCE RIVER - PÉNINSULE DE LA GASPÉSIE - LES MÉCHINS - Dolphin and light.**

Chart (Last correction) - 1230(Plan, Les Méchins)(NAD 27)(1-4)(150/99)

1. Add	a dolphin		49°00'25".8 N 66°58'31".5 W
2. Add	a dolphin		49 00 26.3 N 66 58 30.2 W
3. Add	Dns		49 00 26 N 66 58 28 W (approx.)
4. Add	light FI Y (Priv)		49 00 26.3 N 66 58 30.1 W

NOTE: Digital data products 1230R/M and 79056(1230) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-7-9)

(CCG-L98-138)(DFO-Q99-041)

**\*946 BAY OF FUNDY - PASSAMAQUODDY BAY - ST. ANDREWS - Temporary light buoy discontinued.**

Charts (Which were temporarily affected) - 4332 – 4331

Reference: Notice 690(T)/95 cancelled.

(AMA8035-10-5-7)

(CCG-F98-120)(DFO-A98-129)

**934 UNITED STATES, EAST COAST - GULF OF MAINE - PENOBSCOT BAY - Buoy.**

Chart (Last correction) - LC 4011(NAD 83)(1)(930/99)

1. Add yellow light buoy Fl Y, marked Priv 44°00'36" N 68°23'28" W

NOTE: Digital data products 4011R/M and 76019(4011) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-2)

(U.S.-W98-048)(MPO-A98-128)

**\*916 ST. LAWRENCE RIVER - DONNACONA - Chart amendments.**

Chart (Last correction) - 1315(NAD 83)(1-7)(2352/98)

Reference: Notice 155(P)/99 cancelled.

1. Add 6 metres 7 decimetres 46°39'18".9 N 71°45'00".8 W

2. Add 3 metres 46 39 26 N 71 44 44.4 W

3. Add rock which covers and uncovers  
with a drying height of 0metres  
3 decimetres 46 39 31.1 N 71 44 55.6 W4. Delete Public 46°40'05" N 71°42'09" W  
(approx.)

5. Add 7 metres 46 38 29.9 N 71 43 43.6 W

6. Add rock which covers and uncovers  
with a drying height of 4metres  
6 decimetres 46 39 48.7 N 71 44 07.3 W

7. Add 13 metres 4 decimetres 46 38 23.9 N 71 41 37.5 W

NOTE: Digital data products 1315R/M and 79020(1315) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q99-043)

**\*933 ST. LAWRENCE RIVER - LAC SAINT-PIERRE - LA LONGUE POINTE - Light.**

Chart (Last correction) - 1312(NAD 83)(1)(914/99)

Reference: Notice 151(P)/99 cancelled.

1. Delete light 46°09'38".9 N 72°45'14".3 W

NOTE: Digital data products 1312R/M and 79129(1312) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.



Reference: Notice 161/99.

1. Replace green spar buoy with green lighted spar buoy FI G 43°16'22" N 79°52'11".5 W

NOTE: Digital data products 2067R/M and 73003(2067) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-H99-084)

**\*938 LAKE HURON - BOYD ISLAND TO SPANISH RIVER - Buoy.**

Chart (Last correction) - 2268(Plan, Boyd Island to Spanish River)(NAD 27)(1)(597/97)

1. Delete green spar buoy UV3 46°10'56".5 N 82°21'50" W

NOTE: Digital data products 2268R/M and 73131(2268) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-13)

(CCG-D99-008)(DFO-C99-066)

**\*951 LAKE SUPERIOR - Chart amendment.**

Chart (Last correction) - LC 2309(U.S. Standard)(1)(712/99)

Reference: Notice 712/99.

On certain copies sounding 11 may have been inadvertently crossed out by hand correction. If your chart is affected continue with this notice.

1. Add 11 48°06'32" N 86°04'00" W

NOTE: Digital data products 2309R/M and 73086(2309) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-H99-077)

**\*935 HUDSON BAY - CHURCHILL - Light.**

Chart (Last correction) - 5003(1)(403/93)

1. Amend FI R to read FI RW 58°46'30" N 94°10'30" W

NOTE: Digital data products 73148(5003) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-7-13)

(CCG-D99-001)(DFO-C99-069)

**\*939 MANITOBA - LAKE WINNIPEG - SELKIRK TO LAKE WINNIPEG - Buoys.**

Chart - 6242(Sheet 2)(Compartment B-C)Selkirk to Lake Winnipeg(NAD 27)(1-3)

1. Add green spar buoy, marked X7 50°24'54" N 96°49'09" W

2. Add red spar buoy, marked X12 50 24 37 N 96 49 06 W  
3. Add green spar buoy, marked X11 50 24 36.5 N 96 49 00 W  
(AMA8035-10-5-13) (CCG-D99-004)(DFO-C99-067)

**\*937 MANITOBA - LAKE WINNIPEG - RABBIT POINT - Buoy.**

Chart - 6240(1)

1. Delete green light buoy DN3 51°55'54" N 96°54'10" W  
(AMA8035-10-5-13) (CCG-D98-044)(DFO-C99-065)

**\*936 MANITOBA - LAKE WINNIPEG - BIRDNEST POINT - Buoy.**

Chart - 6241(1)

1. Delete green lighted can buoy CM3 53°10'30" N 97°40'40" W  
(AMA8035-10-5-13) (CCG-D98-043)(DFO-C99-064)

## CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

**\*956 CANADIAN COAST GUARD PUBLICATION - Amendments to the Radio Aids to Marine Navigation (Atlantic and Great Lakes) publication 1999.**

Substitute page 3-2 by the following page.				
<input checked="" type="checkbox"/> MCTS Prescott/VBR - Ship/Shore Communications:				
SITES	Channel:	V T S S e c t o r :	Frequencies: Transmit:          Receive:	Remarks:
Cornwall	Ch16 Ch85*			
Cardinal	Ch16 Ch26* Ch27*			
Gananoque	Ch16 Ch85			
Kingston	Ch16 Ch24* Ch26*			
Cobourg	Ch16 Ch27* Ch85*			
Trafalgar	Ch16 Ch24*			
Fonthill	Ch16 Ch26* Ch27*			
Orillia	Ch16 Ch26*			
MCTS Prescott/VBR - Broadcasts:				
Time UTC:	Frequency:	Contents:		
Continuous CMB EAST	Ch21B Cardinal Ch83B Cornwall Kingston	<p>RADIOTELEPHONY: (English)</p> <ul style="list-style-type: none"> <li>- Weather forecasts (MAFOR) for St. Lawrence River from Kingston to Montreal and Lake Ontario,</li> <li>- LAWEB Broadcast for reporting points from Point Petre to Montreal,</li> <li>- Current ship observations,</li> <li>- <input checked="" type="checkbox"/>Notices to Shipping in St. Lawrence River west of 73°53 W, Lake Ontario east of 77°40 W and portions of the Rideau waterway system receiving coverage from the Kingston facilities,</li> <li>- Water level reading for Montreal Harbour,</li> <li>- Ice hazard bulletin for Lake Ontario and Lake Erie.</li> </ul> <p>Note: When the CMB is out of service, scheduled broadcasts will be made at Traffic List times.</p>		



## CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

Substitute page 4-26 by the following page.
---

Ship Radio Inspection Contacts:
---------------------------------

Canadian Coast Guard  
Newfoundland and Labrador  
Department of Fisheries and Oceans  
Telephone: 1 (888) 454-3177  
Outside Canada Telephone: 1(709)  
454-3177

Canadian Coast Guard, Quebec  
Department of Fisheries and Oceans  
Telephone: (514) 283-5684  
Fax: (514) 283-2129

Charlottetown, Prince Edward Island,  
C1A 7M8  
Supervisor of Technical Maintenance  
Department of Fisheries and Oceans  
Canadian Coast Guard Ships Electronic  
Workshop  
P.O. Box 1236  
Telephone: (902) 566-7976  
Fax: (902) 566-8221

Prescott, Ontario, K0E 1T0  
Supervisor of Technical Maintenance  
Department of Fisheries and Oceans  
Canadian Coast Guard Ships Electronic Workshop  
401 King Street West, P.O. Box 1000  
Telephone: (613) 925-2865 ext 246  
Fax: (613) 925-5540

Saint John, New Brunswick, E2L 4X6  
Supervisor of Technical Maintenance  
Department of Fisheries and Oceans  
Canadian Coast Guard  
P.O. Box 7730, Station "A"  
Telephone: (506) 636-4743  
Fax: (506) 636-5000

Sarnia, Ontario, N7T 7W1  
Supervisor of Technical Maintenance  
Department of Fisheries and Oceans  
Canadian Coast Guard  
105 Christina Street South  
P.O. Box 2839  
Telephone: (519) 464-5106  
Fax: (519) 464-5108

Dartmouth, Nova Scotia, B2Y 3Z8  
Supervisor of Technical Maintenance  
Department of Fisheries and Oceans  
Canadian Coast Guard Ships Electronic  
Workshop  
P.O. Box 1000  
Telephone: (902) 426-3753  
Fax: (902) 426-6908

Parry Sound, Ontario, P2A 2X4  
Supervisor of Technical Maintenance  
Department of Fisheries and Oceans  
Canadian Coast Guard  
28 Waubeek Street  
P.O. Box 310  
Telephone: (705) 746-2196 ext 241  
Fax: (705) 746-4820

Yarmouth, Nova Scotia, B5A 4B1  
Senior Technician  
Department of Fisheries and Oceans  
Canadian Coast Guard Yarmouth Marine  
Radio Station  
P.O. Box 37  
Telephone: (902) 742-6858  
Fax: (902) 742-0411

Thunder Bay, Ontario, P7B 6R9  
Supervisor of Technical Maintenance  
Department of Fisheries and Oceans  
Canadian Coast Guard Ships Electronics Workshop  
100 Main Street, Suite 400  
Telephone: (807) 345-8084  
Fax: (807) 344-5893

Sydney, Nova Scotia, B1P 6J1  
Supervisor of Technical Maintenance  
Department of Fisheries and Oceans  
Canadian Coast Guard  
1190 Westmount Road, P.O. Box 863  
Telephone: (902) 564-7750  
Fax: (902) 564-8608

Ship Station Radio Regulations

These Regulations should be consulted to obtain information prescribing the radio stations to be fitted on ships.

Ship Station Technical Regulations

## CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

These Regulations should be consulted to obtain information on the technical characteristics, installation and operation of radio stations required under the Ship Station Radio Regulations.

Substitute page 4-29 by the following page.

TELEPHONE/FACSIMILE/TELEX DIRECTORY

CENTRE/OTHER	TELEPHONE NUMBER	FACSIMILE NUMBER	TELEX NUMBER	ANSWER BACK CODE
<input checked="" type="checkbox"/> DARTMOUTH, N.S. (Ice Information Office)	(902) 426-5664	(902)426-6444	019-22510	MOT ICE DRT
ECAREG CANADA (DARTMOUTH)	(902) 426-6030 1-800-565-1633	(902) 426-4483	019-22510	CCG MRHQ DRT
SAINT JOHN, N.B. (FUNDY TRAFFIC)	(506) 636-4696	(506) 636-5000		
SAINT JOHN, N.B. (FUNDY RADIO)	(506) 636-4792 1-888-528-6444	(506) 636-5000	23,404200855 (VIA (INMARSAT)	
<input checked="" type="checkbox"/> HALIFAX, N.S (incl. Canso)	(902) 426-9750	(902) 426-4483	019-22510	CCG MRHQ DRT
HALIFAX (Search & Rescue Coordination Centre)	(902) 427-8200 1-800-565-1582	(902) 427-2114	019-21533	CCG RCC HFX
*IQALUIT, Nunavut	(867) 979-5269	(867) 979-4264	063-15529	SRGC VFF/IQT
IQALUIT, NORDREG	(867) 979-5724	(867) 979-4236		
LABRADOR (Goose Bay)	(709) 896-2252	(709) 896-8455	016-4530	CCGTC SNF
*LES ESCOUMINS, QUE (ECAREG MCTS Centre)	(418) 233-2194 (418) 233-2481	(418) 233-3299 (418) 233-3299		
<input checked="" type="checkbox"/> *MONTREAL, QUE.	(514) 928-4443	(514) 928-4547	405-212863	SRGC/CGRS VFN MTRL
PLACENTIA, NFLD.	(709) 227-2182	(709) 227-5637		
PORT AUX BASQUES, NFLD.	(709) 695-2167	(709) 695-7784		
*PRESCOTT, ONT. PRESCOTT (Weather Poll)	(613) 925-4471	(613) 925-4519 (613) 925-0666		
*QUEBEC, QUE	(418) 648-4427	(418) 648-7244	051-2208	SRGC/CSSM QBC
*QUEBEC, QUE. (Marine Rescue Sub-Centre)	(418) 648-3599	(418) 648-3614	0521-2208	SRGC/CSSM QBC
*RIVIERE-AU-RENARD, QUE	(418) 269-5121	(418) 269-5514		
SARNIA (Ice Sarnia)	(519) 383-1824	(519) 337-2498		
SARNIA, ONT.	(519) 337-6221	(519) 337-2498		
<input checked="" type="checkbox"/> ST. ANTHONY, NFLD.	(709) 454-3852	(709) 454-3716		
ST. JOHN'S, NFLD. (RADIO)	(709) 772-2106	(709) 772-6285	016-4530	CCGTC SNF

## CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

ST. JOHN'S (TRAFFIC) (ECAREG CANADA)	(709) 772-2083	(709) 772-5369	016-4530	CCGTC SNF
*ST. JOHN'S (Marine Rescue Sub-Centre)	(709) 772-5151 1-800-563-2444	(709)772-2597	016-4044	MRSC SNF
SYDNEY, N.S.	(902) 564-7751	(902) 564-7662	019-35107	CGRS VCO SYD
THUNDER BAY, ONT.	(807) 345-5190	(807) 345-2688		
*Bilingual services available.				
Substitute page 2-19 by the following page.				
<input checked="" type="checkbox"/> Marine Communications and Traffic Services Centre: PORT AUX BASQUES, NEWFOUNDLAND				
Call Sign: VOJ				
<input checked="" type="checkbox"/> Communication Sites Located at:				
	Port aux Basques		47 34 19 N 59 07 57 W	
	Stephenville		48 33 17 N 58 45 44 W	
	Pine Tree		48 35 20 N 58 40 00 W	
	Mount Moriah		48 58 04 N 58 02 56 W	
	Ramea Island		47 30 45 N 57 24 34 W	
	Pointe Riche		50 41 55 N 57 24 40 W	
	Bonne Bay		49 36 10 N 57 57 28 W	
<input checked="" type="checkbox"/> - For Radio Services call Port aux Basques Coast Guard Radio.				
<input checked="" type="checkbox"/> - For Vessel Traffic Services call Port aux Basques Traffic.				
- Bilingual services available.				
<input checked="" type="checkbox"/> Mailing address:	Fisheries and Oceans Canadian Coast Guard Officer-in-Charge - MCTS Operations Port aux Basques MCTS Centre P.O. Box 99 Port aux Basques, Newfoundland A0M 1C0			
<input checked="" type="checkbox"/> Telephone Numbers:	(709) 695-2167 MCTS Operations (709) 695-2133 Officer-in-Charge			
Electronic Mail:	<a href="mailto:VOJ001@ATTMAIL.COM">VOJ001@ATTMAIL.COM</a>			
<input checked="" type="checkbox"/> Facsimile:	(709) 695-7784			
Substitute page 5-16 by the following page.				

## CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

NAVTEX and Marine Forecasts - Maritime Waters (year around products unless noted)

Area	Area name	NAVTEX	Synopsis, forecasts, sea state and warnings
201	Fundy	Saint John: 0720, 1120, 1920, 2320 (E)	Saint John: 0140, 1040, 1640, 2040, CMB (B)
202	Grand Manan	0735, 1135, 1935, 2335 (F)	Weatheradio
203	Lurcher	same as for 201 and 202	Saint John: 0140, 1040, 1640, 2040, CMB (B)
204	Brown's Bank		Halifax: 0110, 0810, 1540, 2010, CMB
205	George's Bank		Weatheradio
206	South Western Shore		
207	Lahave Bank		
208	West Scotian Slope		
209	Eastern Shore	Sydney: 0640, 1040, 1840, <u>2240</u> (E)(1) 0655, 1055, 1855, <u>2255</u> (F)(1)	Halifax: 0110, 0810, 1540, 2010, CMB Sydney: 0040, 0740, 1440, 2110, CMB Weatheradio
210	Sable	Sydney: 0640, 1040, 1840, <u>2240</u> (E)(1)	Halifax: 0110, 0810, 1540, 2010, CMB
211	East Scotian Slope	0655, 1055, 1855, <u>2255</u> (F)(1)	Weatheradio
212	Laurentian Fan		
213	Banquereau	Sydney: 0640, 1040, 1840, <u>2240</u> (E)(1) 0655, 1055, 1855, <u>2255</u> (F)(1)	Sydney: 0040, 0740, 1440, 2110, CMB Placentia: 0048, 0737, 1607, 2137, CMB (3) Weatheradio
214	Fourchu	Sydney: 0640, 1040, 1840, <u>2240</u> (E)(1) 0655, 1055, 1855, <u>2255</u> (F)(1)	Sydney: 0040, 0740, 1440, 2110, CMB Weatheradio
215	Cabot Strait	Sydney: 0640, 1040, 1840, <u>2240</u> (E)(1) 0655, 1055, 1855, <u>2255</u> (F)(1) Rivière-au-Renard: 0020, 0820, 1220, <u>2020</u> (E)(1), 1620(4) 0035, 0835, 1235, <u>2035</u> (F)(1), 1635(4)	Sydney: 0040, 0740, 1440, 2110, CMB  Port aux Basques: 0207, 0807, 1507, 2107, CMB(B) Placentia: 0048, 0737, 1607, 2137, CMB (3) Rivière-au-Renard (B):0437, 0847, 1407, 2317, CMB Weatheradio
216	Northumberland Strait	same as for area 215	Sydney: 0040, 0740, 1440, 2110, CMB (2) Rivière-au-Renard (B):0437, 0847, 1407, 2317, CMB Weatheradio
217	Gulf-Magdalen	same as for area 215	Sydney: 0040, 0740, 1440, 2110, CMB  Port aux Basques: 0207, 0807, 1507, 2107, CMB(B) Rivière-au-Renard (B):0437, 0847, 1407, 2317, CMB Weatheradio
218	Chaleur-Miscou	same as for area 215	Rivière-au-Renard (B):0437, 0847, 1407, 2317, CMB Sydney: 0040, 0740, 1440, 2110, CMB (2) Weatheradio
219	Anticosti	same as for area 215	Port aux Basques: 0207, 0807, 1507, 2107, CMB(B) Rivière-au-Renard (B):0437, 0847, 1407, 2317, CMB Weatheradio
280	Bras d'Or Lakes	n/a	On request only. Weatheradio (2).
281	Halifax Harbour & Approaches	n/a	Halifax: 0110, 0810, 1540, 2010, CMB Weatheradio

(E): English

(F): French

(B): Both English and French

S: Summer

W: Winter

Ice replaces weather in Winter at the last hour (indicated by an underline, bold, italic)

No sea state forecast available

No synopsis included

## CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

NOTSHIPS (Ice during ice season only)

Substitute 5-17 by the following page.

NAVTEX and Marine Forecasts - Newfoundland and Labrador Waters (year around products unless noted)

Area	Area name	NAVTEX (1)	Synopsis, forecasts, sea state and warnings
220 221	Gulf Port-Au-Port Northeast Gulf	Sydney: 0640, 1040, 1840, <u>2240</u> (E)(1) 0655, 1055, 1855, <u>2255</u> (F)(1) Rivière-au-Renard: 0020, 0820, 1220, <u>2020</u> (E)(1), 1620(4) 0035, 0835, 1235, <u>2035</u> (F)(1), 1635(4)	St-Anthony: 0107, 0907, 1337, CMB  Port aux Basques: 0207, 0807, 1507, 2107, CMB(B) Rivière-au-Renard (B):0437, 0847, 1407, 2317, CMB Weatheradio
222	Belle Isle	Labrador: 0350, 0750, 1550, 1950 and 0910, 2110 (July-Oct.)	Labrador: 0137, 1007, 1437, 2037, CMB St-Anthony: 0107, 0907, 1337, CMB  Port aux Basques: 0207, 0807, 1507, 2107, CMB(B) Weatheradio
223	Belle Isle Bank	Labrador: 0350, 0750, 1550, 1950 and 0910, 2110 (July-Oct.) St John's: 0220, 0620 (S), 1020 (W), 1420, 1820 (2), 2220 (3)	Labrador: 0137, 1007, 1437, 2037, CMB St-Anthony: 0107, 0907, 1337, CMB  Weatheradio
224	South Labrador coast	Labrador: 0350, 0750, 1550, 1950 and 0910, 2110 (July-Oct.)	Labrador: 0137, 1007, 1437, 2037, CMB St-Anthony: 0107, 0907, 1337, CMB
225	Lake Melville	Same as 224	Labrador: 0137, 1007, 1437, 2037, CMB
226	Mid Labrador Coast	Same as 224	Labrador: 0137, 1007, 1437, 2037
227	South Labrador Sea	Same as 224	Labrador: 0137, 1007, 1437, 2037
228	North Labrador Coast	Same as 224	Iqaluit: 2235 Iqaluit RadioTelegraphy: 1340, 1430, 2300 Labrador: 0137, 1007, 1437, 2037
229	Northwest Labrador Sea		
230	East Labrador Sea		
231	Southwest Coast	Sydney: 0640, 1040, 1840, <u>2240</u> (E)(1) Sydney: 0655, 1055, 1855, <u>2255</u> (F)(1) St John's: 0220, 0620 (S), 1020 (W), 1420, 1820 (2), 2220 (3)	Placentia: 0048, 0737, 1607, 2137, CMB Sydney: 0040, 0740, 1440, 2110, CMB  Port aux Basques: 0207, 0807, 1507, 2107, CMB(B) Weatheradio
232	South Coast	Same as 231	Placentia: 0048, 0737, 1607, 2137, CMB St John's: 0007, 0837, 1637, 2207, CMB Weatheradio
233	Southwestern Grand Banks	St John's: 0220, 0620 (S), 1020 (W), 1420, 1820 (2), 2220 (3)	Placentia: 0048, 0737, 1607, 2137, CMB St John's: 0007, 0837, 1637, 2207, CMB Weatheradio
234	Southeastern Grand Banks		
235	East Coast	St John's: 0220, 0620 (S), 1020 (W), 1420, 1820 (2), 2220 (3)	Placentia: 0048, 0737, 1607, 2137, CMB St John's: 0007, 0837, 1637, 2207, CMB St-Anthony: 0107, 0907, 1337, CMB Weatheradio
236	Northern Grand Banks	St John's: 0220, 0620 (S), 1020 (W), 1420, 1820 (2), 2220 (3)	Placentia: 0048, 0737, 1607, 2137, CMB St John's: 0007, 0837, 1637, 2207, CMB Weatheradio
237	Northeast Coast	St John's: 0220, 0620 (S), 1020 (W), 1420, 1820 (2), 2220 (3)	St John's: 0007, 0837, 1637, 2207, CMB St-Anthony: 0107, 0907, 1337, CMB Weatheradio
238	Funk Island Bank		

(E): English

(F): French

(B): Both English and French

S: Summer

W: Winter

(1) Ice replaces weather in Winter at the last hour (indicated by an underline, bold, italic)

No sea state forecast available

(3) No synopsis included

## CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

(4) NOTSHIPS (Ice during ice season only)

Substitute page 5-18 by the following page.

Marine Weather Observations - Maritimes, Newfoundland and Labrador

Stations	Broadcast stations (2)
Goose Bay Cartwright	Labrador on CMB
Cape Race St. Shotts Argentia St. Lawrence St. Pierre Marticot Sagona Grey River	Placentia on CMB
Pointe-des-Monts Sept-Iles Ile du Perroquet Pointe heath (Anticosti) Port Menier Cape d'Espoir Rivière-au-Renard Miscou Natashquan Chevery Cap Whittle	Rivière-au-Renard on request
St. Anthony Airport Englee LaScie Blanc Sablon Mary's Harbour Twillingate	St Anthony on CMB
Burgeo Port aux Basques Stephenville Daniels's Harbour Ferolle Pt. Blanc Sablon St. Paul Island	Port aux Basques on CMB
Pool's Island Bonavista Grates Cove St John's Cape Race St. Shott's Argentia	St John's on CMB
Observations will be broadcast when available only. Hourly updated observations from coastal stations and offshore buoys may also be available onWeatheradio	
(M2204-146)	(CCG-H99-049)



**CANADIAN  
HYDROGRAPHIC  
SERVICE  
PUBLICATION**

**NEW EDITION  
NOW AVAILABLE**

**SAILING DIRECTIONS  
ATL 111 — ÎLE VERTE TO QUÉBEC  
1999**

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

## Labrador and Hudson Bay, Sixth Edition, 1988 —

Page 195 — After paragraph 462

Insert: 462.1 A shoal with a depth of 13 feet (4 m) and marked by east cardinal light **buoy** HM (285.2) is located about 0.6 mile east of Old Man Island.

(N13/99)

Page 197 — After paragraph 19

Insert: 19.1 A shoal with a depth of 24 feet (7.3 m) and marked by isolated danger **buoy** HGE (287.2) lies about 1.9 miles SW of Norman Reef.

(N13/99)

Page 200 — Paragraph 76, last line

Add: A **light** (317.8) is shown from a 12 foot (3.6 m) high tower showing a red, white and red daymark, on East Big Island.

(N13/99)

Page 202 — Paragraph 104, last line

Add: A small unnamed island 163 feet (49.7 m) in elevation lies about 0.3 mile off the SE end of Run by Guess Island. A **light** (317.9) is shown from a 12 foot (3.6 m) high tower showing a green and white daymark, on the NE end of the unnamed island.

(N13/99)

Page 219 — Paragraph 7, line 5 – after “mile.”

Insert: A **light** (319.06) is shown from a 12 foot (3.6 m) high tower showing a red, white and red daymark, on the east end of Holton Island.

(N13/99)

Page 220 — Paragraph 20, last line

Add: A **light** (319.2) is shown from a 15 foot (4.6 m) high tower showing a red, white and red daymark, on Quaker Hat.

(N13/99)

Page 304 — Before paragraph 44

Insert: 43.1 **Dangerous wreck.** — The wreck of the M/V Minna is on the north side of the entrance to Brewer Bay. Ice has shifted the wreck; the exact position and depth over are not known.

(C35/99)



## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 353 — Paragraph 15, line 3 – after “with”

Insert: a radar reflector and

(C35/99)

Page 353 — Paragraph 15, line 7 – after “with”

Insert: a radar reflector and

(C35/99)

Page 371 — Paragraph 265, lines 2 and 3

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

Replace by: , a hanger on the airfield and several radio masts are  
conspicuous.

(C35/99)

Page 373 — Paragraph 297, line 5

Cancel correction promulgated in Monthly Edition No. 10/96.

(C35/99)

Page 414 — Paragraph 68, line 2 – after “Island.”

Insert: There is a rock, 4 feet (1.2 m) high, 1.1 miles ENE of  
Walrus Island light.

(C37/99)

Page 456 — INDEX, right hand column

Delete: Walrus Island (Whale Cove approaches) ....395

Replace by: Walrus Island (Whale Cove approaches) ....413

(C37/99)

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

Page 145 — Paragraph 36, lines 3 to 5

Delete: “Light ... Patch.”

Replace by: East cardinal light and whistle buoy PK is moored  
0.85 mile east of Eastern Patch.

(A11/99)

Page 145 — Paragraph 36, lines 7 and 8

Delete: “Light ... Breaker.”

(A11/99)

Page 204 — Paragraph 47, lines 1 and 2

Delete: “Light ... Island.”

(A11/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 205 — Paragraph 51, lines 2 and 3

Delete: Light and whistle DES1 is moored 0.7 mile NNE of Seal  
Ledge.

(A11/99)

Page 213 — Paragraph 145, lines 4 and 5

Delete: "Fairway ... Island."

(A11/99)

Page 230 — Paragraph 96, lines 3 and 4

Delete: "Light ... headland."

(A11/99)

Page 231 — Delete paragraph 104.

(A11/99)

Page 264 — Paragraph 39, lines 3 and 4

Cancel correction promulgated in Weekly Edition No. 51/93.

Delete: "extending ... disrepair."

Replace by: 210 m (690 ft) long that extends to the north. The wharf  
on the inside face is 100 m (330 ft) long with depths of 2.1 to 3.7  
m (7 to 12 ft) alongside. A light is shown from a mast at the outer  
end of the breakwater.

(A11/99)

## Gulf of St. Lawrence, First Edition, 1992 —

Page 49 — **MILLERAND** Diagram

Substitute Iso R for FI R @ 071°30', 478 metres from the inner SW corner of the border.

(L16/99)

Page 49 — **MILLERAND** Diagram

Substitute 2<sub>5</sub> for 2<sub>8</sub> @ 036°, 353 metres from the inner SW corner of the border.

Substitute 1<sub>5</sub> for 2<sub>3</sub> @ 071°, 616 metres from the inner SW corner of the border.

Substitute 0<sub>5</sub> for 1<sub>2</sub> @ 069°30', 670 metres from the inner SW corner of the border.

Substitute 2<sub>7</sub> for 3 @ 086°, 809 metres from the inner SW corner of the border.

Substitute 0<sub>9</sub> for 1<sub>2</sub> @ 078°30', 844 metres from the inner SW corner of the border.

Add 2 @ 074°30', 628 metres from the inner SW corner of the border.

Add 0<sub>9</sub> @ 064°30', 719 metres from the inner SW corner of the border.

(L27/99)

Page 65 — Paragraph 244, lines 3 to 5

Delete: "An ... leading"

Replace by: A narrows leads

(L22/99)

Page 105 — Paragraph 88, lines 2 to 4

Delete: "A **light** ... breakwater."

(A12/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 175 — Paragraph 186, lines 3 to 5

Delete: “There are” to end of paragraph.

(L18/99)

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

Page 9 — Paragraph 92, line 2 – after “wharf”

Add: which has been closed and barricaded due to safety concerns

(N12/99)

Page 9 — Paragraph 92, line 7

Delete: (*See Appendix*)

(N12/99)

Page 54 — Paragraph 389, lines 4 to 6

Delete: “Currents ... causeway.”

Replace by: At the causeway during extreme spring tides, maximum flood currents of 5.5 knots in a NE'ly direction have been observed 2.5 hours before high water, and turning to ebb approximately 0.5 hour before high water. Maximum ebb currents in excess of 2.5 knots in a SW'ly direction have been observed 3.5 hours after high water, and turning to flood approximately 0.5 hour before low water.

(N12/99)

Page 75 — Paragraph 128, last line

Add: A **light** (378.7) is shown from a mast on the NE corner of the wharf.

(N12/99)

Page 84 — Paragraph 243, last line

Add: A floating wharf is moored near the NE extremity of the marine service centre.

(N12/99)

Page 94 — Paragraph 367, last line

Add: A floating wharf 54 feet (16.5 m) long and 10 feet (3 m) wide extends from the shore close north of the Public wharf at Salvage.

(N12/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 96 — Paragraph 383, line 8 – after “wharf.”

Add: A floating wharf 20 feet (6 m) long and 10 feet (3 m) wide with a depth of 3 to 4 feet (0.8 to 1.2 m) alongside extends from the inner section of the north side of Salton’s Wharf. Two **submarine pipelines** the outer ends of which are marked by a **buoy** extend 0.1 and 0.3 mile east and south of the south side of the wharf; caution is advised. An underwater camera is mounted at the outer end of the inner face of the south side of the wharf; mooring is restricted in this area. A Marine Interpretation Centre providing educational and informative marine exhibits and marine life displays is located adjacent to Salton’s Wharf. Washrooms, showers, a gift shop, snack bar, visitor information and telephones are available at the centre.

(N12/99)

Page 97 — Paragraph 387, lines 6 to 8

Delete: “44 feet ... face.”

Replace by: 23 feet (7 m) to a depth of 5 feet (1.6 m) alongside a 9 foot (2.6 m) wide outer end.

(N12/99)

Page 101 — Paragraph 416, lines 4 and 5

Delete: in disrepair in 1996

Replace by: with its outer end in ruins

(N12/99)

Page 108 — Table of Marine Repair Facilities — Wesleyville

Delete: 536-2411

Replace by: 536-2337

(N12/99)

Page 110 — Table of Wharf Load Limits and Gross Vehicle Weights

Delete all information pertaining to Main Brook

(N12/99)

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

Page 4 — Paragraph 35, lines 1 and 2

Delete: “S.W. Mifflin ... 1991”

Replace by: Atlantic Marine Products Incorporated

(N10/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 4 — Paragraph 35, last line

Add: Fresh water is available.

(N10/99)

Page 4 — Paragraph 36, lines 5 and 6

Delete: and a fuel pipeline

(N10/99)

Page 4 — Paragraph 36, line 13

Delete: the S.W. Mifflin fish plant.

Replace by: Atlantic Marine Products Incorporated.

(N10/99)

Page 4 — Paragraph 36, last line

Add: A floating wharf is moored alongside the Public wharf. Showers and waste oil collection are available from the Harbour Authority Office located adjacent to the Public wharf.

(N10/99)

Page 6 — Paragraph 57, line 3 – after “less”

Insert: and marked by a **buoy**

(N10/99)

Page 6 — Paragraph 64, lines 6 and 7

Delete: “43 m ... end.”

Replace by: 49 m (161 ft) long with a depth of 3 to 5.4 m (10 to 18 ft) alongside a 23 m (75 ft) long outer face.

(N10/99)

Page 6 — Paragraph 67, line 6 – after “A”

Insert: private

(N10/99)

Page 8 — Paragraph 93, line 3

Delete: Public

(N10/99)

Page 8 — Paragraph 93, last line

Add: The L-shaped wharf and adjacent repair building and marine railway with a reported capacity of 15 tonnes is operated by Petley Marine Services. Diesel fuel, fresh water, electricity, washrooms, showers, laundromat facilities and a craft store are available. Gasoline and provisions are available nearby.

(N10/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 10 — Paragraph 122, line 2 – after “A”  
 Insert: private  
 (N10/99)
- Page 11 — Paragraph 127, line 5 – before “an”  
 Insert: Newfoundland and Labrador Asphalt Ltd. operate  
 (N10/99)
- Page 12 — Paragraph 130, line 1  
 Delete: Public  
 (N10/99)
- Page 12 — Paragraph 131, line 5  
 Delete: 450  
 Replace by: 500  
 (N10/99)
- Page 13 — Paragraph 142, line 5 to end of paragraph.  
 Delete: “There ... wharf.”  
 Replace by: A rock with a depth of 0.4 m (1 ft) and a drying rock  
 lie close off the head of the cove.  
 (N10/99)
- Page 13 — Paragraph 143, line 5 to end of paragraph (Re : correction promulgated in Monthly Edition  
 No. 4/97)  
 Delete: “an L-shaped ... in 1996.”  
 Replace by: a slipway.  
 (N10/99)
- Page 14 — Paragraph 146, line 1 – after “U-shaped”  
 Insert: private  
 (N10/99)
- Page 14 — Paragraph 153, line 9 – after “awash”  
 Insert: and marked by a **buoy**  
 (N10/99)
- Page 21 — Paragraph 211, line 6 – after “long.”  
 Insert: A floating wharf is moored off the outer end of the  
 east arm.  
 (N10/99)
- Page 23 — Paragraph 226, line 6 – after “long.”  
 Insert: A floating wharf is moored between the Public wharf  
 and the stone breakwater.  
 (N10/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 23 — Paragraph 230, last line

Add: A **light** (470.4) is shown from a mast on the outer end of the breakwater.

(N10/99)

Page 26 — Paragraph 254, lines 2 to 4

Delete: "A marginal ... settlement."

(N10/99)

Page 29 — Paragraph 285, line 10 to end of paragraph (Re : correction promulgated in Monthly Edition No. 4/97)

Delete: "At ... 1996."

(N10/99)

Page 33 — Paragraph 316, line 4

Delete: extending to a depth of 1.4 m (5 ft)

Replace by: which dries

(N10/99)

Page 34 — Paragraph 327, line 3 – after "Point."

Add: Ruins of a previous wharf exist off the west shore of the cove.

(N10/99)

Page 35 — Paragraph 339, lines 8 and 9 – after "basin"

Delete: with depths inside of 0.3 to 0.7 m (1 to 2 ft).

Replace by: which dries.

(N10/99)

Page 38 — Paragraph 366, lines 5 and 6

Delete: A shed is located on this wharf.

(N10/99)

Page 39 — Paragraph 378.1, last line

Add: Isolated boulders are reported to lie between the L-shaped wharf and a marginal wharf close east; caution is advised.

(N10/99)

Page 45 — Table of Private Berths — Berth 26

Delete: 6.3 m (21 ft)

Replace by: 5 m (16 ft)

(N10/99)

Page 67 — Paragraph 38, lines 5 and 6

Delete: "The ... Guard."

(N10/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 67 — Delete paragraph 39. (N10/99)

Page 75 — Paragraph 101, line 1  
Delete: and BB  
Replace by: , BB and CC (N10/99)

Page 75 — Paragraph 101, line 4  
Delete: CC, (N10/99)

Page 89 — Paragraph 235, last line (Re : correction promulgated in Monthly Edition No. 7/97)  
Add: A **light** (53.5) is shown from a mast on the NE end of  
the T-shaped wharf. (N10/99)

Page 102 — Table of Marine Repair Facilities — Clarenville  
Delete: 450  
Replace by: 500 (N10/99)

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

Page 2 — Paragraph 6, line 11 – after “wharf”  
Insert: in disrepair (N11/99)

Page 12 — Paragraph 115, line 3 – after “side.”  
Add: A floating **wharf** is moored off the outer end of the  
previous wharf. (N11/99)

Page 13 — Paragraph 124, last line  
Add: Two floating wharves are moored close ESE of the  
Public wharf. (N11/99)

Page 13 — Paragraph 128, lines 4 to 8  
Delete: “64 m ... rocks.”  
Replace by: in ruins in 1998 is situated in the cove. Numerous  
rocks lie in the approach to the cove. (N11/99)



## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 14 — Paragraph 130, line 6 (Re : last line of correction promulgated in Monthly Edition No. 6/98)

Add: A slight outflow from a nearby river is reported to be experienced in the entrance channel to the harbour at Garnish. Fresh water, gasoline and electricity are available. Diesel fuel is available by truck.

(N11/99)

Page 14 — Paragraph 140, line 5 – after “settlement”

Add: A **light** (113.2) is shown from a mast on the NE end of the wharf.

(N11/99)

Page 17 — Paragraph 147, line 1 – after “**wharf**”

Insert: closed and barricaded due to safety concerns

(N11/99)

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

Page 23 — **Table 1.3**

Add the following information under **Remarks** column of the designated berth.

<b>Berth</b>	<b>Remarks</b>
14, 15	*with dolphins

(L23/99)

Page 43 — Paragraph 107

Line 2 — Delete: 1990

Replace by: 1998

Delete: 10 ft (3 m)

Replace by: 9 ft (2.7 m)

Line 4 — Delete: 7 ft (2 m)

Replace by: 5 ft (1.5 m)

Line 7 — Delete: 10 ft (3 m)

Replace by: 9 ft (2.7 m)

Line 9 — Delete: 10 ft (3 m)

Replace by: 9 ft (2.7 m) — 1998 —

(L25/99)

Page 45 — Paragraph 120, last line

Add: Two dolphins lie 262 ft (80 m) and 165 ft (50 m) NE of the outer end of the wharf.

(L24/99)

Page 45 — After paragraph 121

Add: <sup>122</sup> **Lights.** — A private light is situated on the dolphin that is the furthest away from the outer end of the public wharf (49°00'N, 66°58'W).

(L24/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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

Page 21 — Delete paragraph 48.

(L26/99)

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

Page 9 — After paragraph 120

Insert: <sup>120.1</sup> **Caution.** — An outfall extends 193 m (633 ft) from the shore west of Pointe à Quenet.

(L19/99)

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

Page 25 — Paragraph 36, line 1 – after “for”

Insert: upbound and

(C38/99)

Page 27 — Paragraph 72, line 2

Delete: 12 m (39 ft)

Replace by: 9.1 m (30 ft)

(C38/99)

Page 33 — Paragraph 170, lines 8 and 9

Delete: 05:00 and 21:00

Replace by: 04:00 and 20:00

(C38/99)

Page 42 — Paragraph 60, line 9

Add: In 1998, this light was reported as being extinguished.

(C38/99)

Page 58 — Paragraph 104, line 1 – after “light,”

Insert: (612.8)

(C38/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

## CEN 306 — Georgian Bay, First Edition, 1998 —

Page 9 — Paragraph 35, line 3

Delete: from

Replace by: on

(C40/99)

Page 9 — Delete paragraph 36

Replace by: <sup>36</sup> A small private **wharf** and two white houses with red roofs are 0.1 mile WSW of the light structure.

(C36/99)

Page 38 — Paragraph 50, line 8 – after “boulders”

Add: and is marked on its west side by *west cardinal buoy*

*M.*

(C36/99)

Page 47 — Delete paragraph 251

Replace by: <sup>251</sup> The Midland **water tower** SW of Tiffin makes a good landmark.

(C36/99)

Page 50 — Paragraph 287, line 4 – after “1991.”

Insert: There is a gravel **launching ramp** here.

(C36/99)

Page 55 — Paragraph 44, lines 3 to 6

Delete: “fluorescent ... high.”

Replace by: red and white rectangular **daymark** with a starboard hand symbol at its centre.

(C36/99)

## Great Lakes, Volume 2, Seventh Edition, 1993 —

Page 187 — Delete paragraph 43

Replace by: <sup>43</sup> Radio and microwave **towers** on the SW side of Maple Ridge are visible for many miles. The highest tower has an elevation of 201 metres (660 ft); it has an air obstruction **light**.

(C39/99)

Page 187 — Delete paragraph 50

Replace by: <sup>50</sup> The SW end of Thessalon breakwater is marked by *light buoy KA/2 (1047)*.

(C39/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 195 — Paragraph 219, line 3 – after “with”

Delete: 5

Replace by: 6

(C28/99)

Page 198 — Paragraph 307, lines 1 to 3

Delete: “A firm operating” to end of sentence.

Replace by: *Air Dale Ltd.* is based 0.5 mile SW of Partridge Point.

(C28/99)

Page 213 — Paragraph 78, lines 3 and 4

Delete: “mast 22 feet” to end of paragraph.

Replace by: cylindrical tower 30 feet (9.1 m) high. The tower is white with red upper and lower parts.

(C28/99)

Page 219 — Delete paragraph 204.

(C28/99)

Page 221 — Delete paragraph 257.

(C28/99)

Page 227 — Delete paragraph 45.

(C28/99)

Page 230 — After paragraph 116

Cancel correction promulgated in Monthly Edition No. 11/98.

Insert: 116.1 Powder Shoal is marked by a **buoy**.

(C29/99)

Page 231 — Delete paragraph 147.

(C29/99)

Pages 231 and 232 — Paragraph 149, lines 2 to 6

Delete: “The berth along” to end of paragraph.

Replace by: The wharf had not been used since 1988 and is in ruins.

(C29/99)

Page 232 — Delete paragraph 151.

(C29/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 232 — Delete paragraph 152

Replace by: 152 **Marina.** — *Red Rock Marina*, west of the *Domtar* wharf, has 63 slips with depths of 6 to 8 feet (1.8 m to 2.4 m); 22 are guest slips. A fuel dock with depths of 8 feet (2.4 m) provides gas and diesel fuel. The marina offers power, water, pump out, ice and garbage disposal. There is a pay phone, limited snack bar, launching ramp, toilets, and picnic area on site. Camping, showers, restaurant and dining room are available nearby. Groceries and bait can be delivered. The marina is an authorized dealer for Canadian Hydrographic Service nautical **charts** and publications, and monitors VHF channel 68. Two breakwalls enclose the rectangular basin. The entrance, on the east side of the north corner, is marked by privately maintained **lights**.

(C29/99)

Page 233 — Delete paragraphs 164 and 165.

(C30/99)

Page 237 — Delete paragraph 48.

(C30/99)

Page 237 — Delete paragraph 61.

(C30/99)

Page 238 — Paragraph 90, lines 3 and 4

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

(C30/99)

Page 241 — Paragraph 154, line 3 – after “tower”

Add: 47 feet (14.4 m) high

(C30/99)

Page 241 — Delete paragraph 155.

(C30/99)

Page 241 — Paragraph 161, line 2

Delete: on

Replace by: near

(C30/99)

Page 243 — Paragraph 181, line 1

Delete: the *Abitibi Power and Paper Mills*

Replace by: *Provincial Paper Inc.*

(C30/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 243 — Delete paragraph 185

Replace by:       185 **Lights.** — **Fog signal** — Thunder Bay North Entrance North light (*1157*), at the SW end of the north breakwater, is shown at an elevation of 30 feet (9.1 m) from a mast 21 feet (6.4 m) high with a red and white rectangular **daymark**, red triangle in centre. Thunder Bay North Entrance South light (*1156*), on a building near the NE end of the south breakwater, is shown at an elevation of 31 feet (9.4 m) from a mast 14 feet (4.3 m) high. The light structure is floodlit.

(C31/99)

Page 243 — Delete paragraph 186

Replace by:       186 Thunder Bay Main light (*1152*), on the SW end of the breakwater on the north side of the Main Entrance, is shown at an elevation of 51 feet (15.5 m) from a building and tower 43 feet (13.1 m) high. The light structure is floodlit. A **fog horn** sounds three blasts every minute from the Thunder Bay Main light structure. Thunder Bay Central Entrance south light (*1151*), on the breakwater at the south side of the main entrance, is shown at an elevation of 29 feet (8.8 m) from a mast 21 feet (6.4 m) high with a red and white rectangular **daymark**.

(C31/99)

Page 243 — Delete paragraph 187

Replace by:       187 The South Entrance is marked by two lights. Thunder Bay South Entrance North light (*1150*) is shown at an elevation of 29 feet (8.8 m) from a mast 21 feet (6.4 m) high with a red and white rectangular **daymark**, red triangle in centre. Thunder Bay South Entrance South light (*1150.3*), elevation 27 feet (8.2 m), is shown from a mast 11 feet (3.5 m) high on a small building. The structure is floodlit.

(C31/99)

Page 243 — Paragraph 197, line 3

Delete: commercial

Replace by: power-driven

(C32/99)

Page 243 — After paragraph 197

Insert:           197.1 **Caution.** — **Silting** — Delta Harbour is subject to silting. The Westfort Turning Basin and the Mission River are especially prone. Dredging was discontinued in 1991.

(C32/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 243 — Delete paragraph 200

Replace by: 200 **Lights**. — Kaministiquia River Entrance light (1144), on the south end of the offshore breakwater close north of the river entrance, is shown at an elevation of 24 feet (7.2 m) from a mast on a small building. The structure is floodlit.

(C32/99)

Page 244 — Paragraph 201, line 4

Delete: 20 feet (6.1 m)

Replace by: 18 feet (5.5 m)

(C32/99)

Page 244 — Paragraph 202, line 3

Delete: 15 feet (4.6 m)

Replace by: 21 feet (6.4 m)

(C32/99)

Page 244 — Paragraph 203, lines 3 and 4

Delete: 41 feet (12.5 m) from a mast 20 feet (6.1 m)

Replace by: 43 feet (13.2 m) from a mast 21 feet (6.4 m)

(C32/99)

Page 244 — Paragraph 204, lines 3 and 4

Delete: 32 feet (9.8 m) from a mast 22 feet (6.7 m)

Replace by: 37 feet (11.2 m) from a mast 23 feet (7 m)

(C33/99)

Page 244 — Paragraph 205, lines 3 and 4

Delete: “28 feet (8.5 m)” to end of paragraph.

Replace by: 23 feet (7 m) from a mast 17 feet (5.2 m) high, with a red and white rectangular daymark.

(C33/99)

Page 245 — Paragraph 217, line 1

Delete: *Imperial Oil* berth

Replace by: entrance

(C33/99)

Page 245 — Paragraph 221, line 3

Delete: commercial

Replace by: power driven

(C33/99)

Page 245 — Paragraph 231, line 1

Delete: **Fog Signal**. —

(C33/99)

## SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 245 — Paragraph 231, lines 3 to 6

Delete: “44 feet (13.4 m)” to end of paragraph.

Replace by: 43 feet (13 m) from a square skeleton tower on a small white building.

(C34/99)

Page 245 — Paragraph 232, line 3

Delete: 21 feet (6.4 m) from a mast 16 feet (4.9 m)

Replace by: 24 feet (7.3 m) from a mast 17 feet (5.2 m)

(C34/99)

Page 245 — Paragraph 234, line 5

Delete: 45 feet (13.7 m)

Replace by: 48 feet (14.6 m)

(C34/99)

Page 246 — Paragraph 245, lines 1 and 2

Page 246 — Paragraph 246, line 1

Page 246 — Paragraph 249, line 1

Delete: *Port Arthur Shipbuilding Company*

Replace by: *PASCOL Engineering*

(C34/99)

Page 246 — Paragraph 252, lines 1 to 3

Delete: “There ... Other”

Replace by: Oil

(C34/99)

Page 247 — Delete paragraph 281.

(C34/99)



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

285.2	<i>Old Man Shoal East Cardinal light buoy HM</i>	54 09 30 57 19 11	Q(3) W 10s	.....	.....	Black, yellow and black, marked "HM".	Seasonal.  <b>Chart:5135 901/99</b>
287.2	<i>George Island light buoy HGE</i>	54 13 37 57 15 29	Fl(2) W 5s	.....	.....	Black, red and black, marked "HGE".	Seasonal.  <b>Chart:5135 901/99</b>
317.8	East Big Island	54 27 13.2 57 05 37.2	Fl W 3s	66.3	.....	Tower, red and white horizontal bands. 3.6	Year round.  <b>Chart:5135 901/99</b>
317.9	Run By Guess	54 28 00 57 19 22.2	Q G 1s	17.5	.....	Skeleton tower, green and white horizontal bands on 3 sides. 4.7	Flash 0.3 s; eclipse 0.7 s. Year round.  <b>Chart:5135 901/99</b>
319.06	Holton Island	54 37 36.6 57 16 25.2	Fl W 4s	23.5	.....	Tower, red and white horizontal bands. 3.6	Year round.  <b>Chart:5135 901/99</b>
319.2	Quaker Hat	54 44 12 57 20 42	LFl W 10s	36.0	.....	Skeleton tower, red and white horizontal bands on 3 sides. 3.7	Flash 2 s; eclipse 8 s.  <b>Chart:5135 901/99</b>
324.4	Rifle Sight Hill	56 29 35 61 38 35	Mo(A) W 6s	22.9	.....	Skeleton tower, red and white horizontal bands on 3 side. 3.7	Year round.  <b>Chart:5052 929/99</b>
325.1	<i>Strathcona Run light buoy NS6</i>	56 32 20.7 61 22 00.3	Fl R 4s	.....	.....	Red, marked "NS6".	Seasonal.  <b>Chart:5052 929/99</b>
325.2	<i>Strathcona Rocks light buoy NS7</i>	56 33 42.7 61 35 45	Fl G 4s	.....	.....	Green, marked "NS7".	Seasonal.  <b>Chart:5052 929/99</b>
378.7	Seldom Wharf	49 36 36.7 54 11 00.8	Fl G 4s	3.3	.....	Mast. 2.1	Flash 0.5 s; eclipse 3.5 s. Year round.  <b>Chart:4530 948/99</b>

## Atlantic

37	<i>Wolves North Cardinal light and whistle buoy KE</i>						Delete from List.  <b>Chart:4116 930/99</b>
89	<i>Point Lepreau light and whistle buoy KM</i>						Delete from List.  <b>Chart:4116 930/99</b>

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 (cont'd)

239.5 H3851	Meteghan breakwater	On outer end of breakwater. 44 11 44.1 66 10 00.1	Fl R 6s	6.7	.....	Skeleton tower. 3.0	Flash 1s; eclipse 5 s. Year round.  <b>Bell</b> - Blast 2s; sil. 28s  <b>Chart:4118</b> <b>Edn. 05/99</b>
250	<i>Lurcher Shoal West light and whistle buoy NK</i>						<i>Delete from List.</i>  <b>Chart:4011</b> <b>928/99</b>
	<b>Racon -- (K)</b> <b>X &amp; S Band</b>						
251	<i>Lurcher Shoal light and whistle buoy NM</i>	<i>W. of Southwest Shoal. 43 49 00 66 30 00</i>	<i>Fl R (2+1)</i>	<i>6s</i>	<i>.....</i>	<i>..... Red, green and red, marked "NM".</i>	<i>Year round.</i>  <b>Chart:4243</b> <b>928/99</b>
	<b>Racon -- (K)</b> <b>X Band</b>						
370 H3750	<b>Lockeport</b>	On Gull Rock, entrance to harbour. 43 39 18.3 65 05 55.9	Fl W 15s	17.0	<b>16</b>	White square block.	Flash 4 s; eclipse 11 s. Emergency light. Year round.  <b>Horn</b> - Blast 3s; sil. 27s. Horn points 130°30'. Year round.  <b>Chart:4209</b> <b>915/99</b>
394	<i>Mouton Head light and bell buoy US51</i>						<i>Delete from List.</i>  <b>Chart:4240</b> <b>907/99</b>
449	<i>Mahone Bay light and whistle buoy M</i>						<i>Delete from List.</i>  <b>Chart:4381</b> <b>908/99</b>
472	<i>Pearl Island light and whistle buoy D32</i>						<i>Delete from List.</i>  <b>Chart:4381</b> <b>908/99</b>
475.5	<i>Bayswater Shoals light and whistle buoy DE51</i>						<i>Delete from List.</i>  <b>Chart:4381</b> <b>908/99</b>
515	<i>Navy West Cautionary light and whistle buoy HNWC</i>	<i>44 32 41 63 25 15</i>	<i>Fl Y 4s</i>	<i>.....</i>	<i>.....</i>	<i>Yellow, marked "HNWC".</i>	<i>Delete from List.</i>  <b>Chart:4237</b> <b>912/99</b>
566	<i>Musquodoboit Shoal light and whistle buoy YV1</i>						<i>Delete from List.</i>  <b>Chart:4236</b> <b>921/99</b>

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 (cont'd)

945 H921	Basin Head Harbour						<i>Delete from List.</i>	<b>Chart:4403 913/99</b>
1041	Naufrage Harbour Fog Signal	46 28 07.9 62 25 03.6	.....	.....	.....	.....	Seasonal.  <b>Horn</b> - Blast 2s; sil. 3s; blast 2s; sil. 3s; blast 2s; sil. 48s  Privately operated by Fishermen of Local Harbour Authority.	<b>Chart:4023 Edn. 05/99</b>
1069.6	<i>Darnley Basin Inner light buoy JU4</i>						<i>Delete from List.</i>	<b>Chart:4491 919/99</b>
1238.67	<i>Tabusintac Bay light buoy TA43</i>	47 20 24 64 57 32	Q G 1s	.....	.....	<i>Green, marked "TA43".</i>	Seasonal.	<b>Chart:Nil Edn. 05/99</b>
1248.1	<i>Shippegan South Gully light buoy TJ5</i>						Delete from List.	<b>Chart:Nil Edn. 05/99</b>
1248.2	<i>Shippegan South Gully light buoy TJ6</i>						Delete from List.	<b>Chart:Nil Edn. 05/99</b>
1698	Les Gros Méchins wharf	49 00 26.3 66 58 30.1	FI Y 4s	8.0	5	Square skeleton tower.	Seasonal. Maintained by Verreault Navigation Inc.	<b>Chart:1230 925/99</b>
2133.7 H2403	Baieville Direction						Delete from List.	<b>Chart:1312 933/99</b>
Page 231 Inland L.L. 2622 H26	Churchill Harbour <b>Radiobeacon Racon --. (G) X &amp; S Band</b>	On E. side of harbour. 58 46 29.1 94 11 22.2	FI WR 6s	66.4	.....	On top of grain elevator. 61.2	Flash 1 s; eclipse 5 s Year round.	<b>Chart:5640 936/99</b>

### Inland

1596.5	<i>Bradbury River Approach light buoy DN3</i>						<i>Delete from List.</i>	<b>Chart:6267 937/99</b>
--------	---	--	--	--	--	--	--------------------------	------------------------------

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

**Inland (cont'd)**

1618	<i>Mukutawa River Entrance light buoy CM3</i>						<i>Delete from List.</i>	<b>Chart:6241 936/99</b>
2622 H26	<b>Churchill Harbour</b>  <b>Radiobeacon</b> <b>Racon --. (G)</b> <b>X &amp; S Band</b>	On E. side of harbour. 58 46 29.1 94 11 22.2	FI WR 6s	66.4	.....	On top of grain elevator. 61.2	Flash 1 s; eclipse 5 s Year round.	<b>Chart:5640 935/99</b>

**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/N No. \_\_\_\_\_ of 19 \_\_\_\_\_)

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, Marine Aids,  
Coast Guard,  
Department of Fisheries and Oceans,  
Ottawa, Ontario, K1A 0E6

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

**OR**

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

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