



Canada

Canada

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EASTERN EDITION OF NOTICES TO MARINERS

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NOTICES

1900 to 1960

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Marine Navigation Services
Directorate
Marine Aids

RECYCLED PAPER

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Mariners are advised that all relevant Written Notices to Shipping should be kept until superseded by Notices to Mariners or through revised charts issued by the Canadian Hydrographic Service.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

Québec MCTS Centre
Phone: (418) 648-5410
Fax: (418) 648-7244
E-Mail: XLAUSCTM@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 pagexiii 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 one year verification period, the DGPS service will be declared as being a Full Operational Service (FOS).

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

Table of Stage 1 DGPS Reference Stations					
Station Name	Id Nos of Ref. Stations	DGPS Station ID	Geogr. Pos. Latitude Longitude	Frequency [khz]	Bits/sec.
Alert Bay BC	300,301	909	50 35 N 126 55 W	309	200
Amphitrite Pt BC	302,303	908	48 55 N 125 32 W	315	200
Cardinal ON	308,309	919	44 47 N 75 25 W	306	200
St. Jean Richelieu QUÉ	312,313	929	45 19 N 73 18 W	296	200
Lauzon QUÉ	316,317	927	46 48 N 71 09 W	309	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 47 W	319	200
Fox Island NS	336,337	934	45 19 N 61 04 W	307	200
Cape Race NFLD	338,339	940	46 39 N 53 04 W	315	200
Cape Ray NFLD	340,341	942	47 34 N 59 09 W	290	200

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.

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 reçus par le récepteur: _____
DGPS site using / Station DGPS utilisée: Freq.: _____ kHz SS: _____ dB SNR: _____ dB
DOP Geometry / Géométrie DOP : _____
User receiver operates correctly with other DGPS sites? /
Votre équipement DGPS fonctionne-t-il normalement à l'utilisation d'autres stations DGPS?: Yes/Oui _____
_No / Non _____
Comments / Commentaires: _____

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

Weather conditions / Conditions météo

Winds / Vents : Direction: _____ Speed / Vitesse: _____ KTS
Temp. °C: _____ VIS: _____ N.M.
Sea State / État de la mer : _____
Bearing and range to electrical storm /
Direction et distance de l'orage : _____
Time of the storm / Heure de l'orage: _____ UTC

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

User equipment information / Renseignements sur l'équipement

GPS receiver / Récepteur GPS: Make / Fabricant: _____ Model: _____
DGPS beacon receiver / Démodulateur DGPS: Make / Fabricant : _____ Model: _____
Gyro interface with GPS / Gyro intégré avec le GPS? Yes / Oui : _____ No / Non : _____
DGPS interfaced with an ECDIS / DGPS intégré dans un SVCEI? Yes / Oui: _____ No / Non : _____
If yes, please fill below / Si oui, S.V.P. compléter ci-dessous:

ECDIS / SVCEI: Make / Fabricant: _____ Model: _____
 Radar image interfaced / Image radar intégrée?: Yes / Oui: _____ No / Non: _____
 Gyro interfaced with ECDIS / Gyro intégré avec SVCEI? Yes / Oui: _____ No / Non: _____
 Permanent installation or in evaluation / Installation permanente ou en évaluation : _____

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

- 1) Fax / Par télécopieur : 613-998-8428 attention AWAD.
- 2) Mail / Par la poste: Director Marine Aids
 Fisheries and Oceans Canada
 200 Kent Street, Station 5130
 Ottawa, ON
 K1A 0E6.



**Legend/
Légende**

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

IMPORTANT NOTICE TO USERS

The Canadian Coast Guard Marine Aids Modernization Program

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

1. Redundant Aids to Navigation

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

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

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

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

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2223	1937	41,42	LC 4832	1912	35			
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LC 2300	1907	42	LC 4846	1906	33			
LC 4003	1908	40	LC 4847	1906	33			
LC 4015	1904	37	4849	1906	33			
LC 4017	1906	33		1921	33			
	1918	34	LC 4850	1906	33			
LC 4026	1905	39	LC 4851	1909	34			
	1931	39	4854	1921	33			
4279	1926	1	LC 4913	1920	39			
LC 4335	1926	1	4920	1926	1			
LC 4367	1917	37,38	4921	1928	38,39			
LC 4406	1913	38	5179	1938	36			

***1926 CANADIAN HYDROGRAPHIC SERVICE - Charts.**

CHART	TITLE & CONTENTS	SCALE	DATED	CAT #	PRICE
1. New Chart.					
	<u>Lake Ontario/Lac Ontario</u>				
2059	Scotch Bonnet Island to/à Cobourg	1:70 000	July 31/98	3	\$20.00
	Limit(s): 43°41'00" N 78°14'00" W 44°06'00" N 78°14'00" W 44°06'00" N 77°27'00" W 43°41'00" N 77°27'00" W				
	Note: (1) This is a metric chart. (2) This chart is based on North American Datum 1983 (NAD 83). (3) This chart incorporates and cancels Notice 484(P)/97.				
2. New Editions.					
	<u>St. Lawrence River/Fleuve Saint-Laurent</u>				
LC 1234	Cap de la Tête au Chien à/to Cap aux Oies	1:80 000	July 24/98	1	20.00
	<u>Cape Breton Island/Île du Cap-Breton</u>				
4279	Bras D'Or Lake	1:60 000	Aug. 28/98	1	20.00
	<u>Nova Scotia/Nouvelle-Écosse</u>				
LC 4335	Strait of Canso and Approaches	1:75 000	Aug. 14/98	1	20.00
	<u>New Brunswick/Nouveau-Brunswick</u>				
4920	Plans: Baie des Chaleurs/Chaleur Bay - Côte Sud/South Shore	-----	Sept. 18/98	1	20.00
	Note: (1) This chart incorporates Notice 783(P)/94. (2) This chart incorporates and cancels Notices 595(T)/95, 711(P)/98, 958(P)/98 and 1144(P)/98.				
3. Permanently withdrawn chart.					
<u>Chart</u>	<u>Title</u>			<u>On publication of chart</u>	
2061	Scotch Bonnet Island to/à Cobourg			2059	
(AMA8035-10-35)				(DFO-H98-084)	

***1939(T) ONTARIO - LOST LAKE - Lights discontinued temporarily.**

The following lights have been temporarily discontinued.

Bear Narrows (L.L. 1526) (50°24'30" N 92°00'00" W)

Omega Point (L.L. 1527) (50°17'30" N 92°01'00" W)

McLean Narrows (L.L. 1528) (50°22'00" N 92°04'00" W)

(AMA8035-10-7-13)

(CCG-D98-015)

***1900 CANADIAN HYDROGRAPHIC SERVICE - Current chart edition dates.**

<p>CHART EDITIONS The three terms described below are used to indicate the publication status of Canadian charts.</p>							
<p>NEW CHART The first publication of a Canadian chart embracing an area not previously charted to the scale shown, or embracing an area different from any existing Canadian chart.</p>							
<p>NEW EDITION A new issue of an existing chart containing amendments essential to navigation in addition to those issued in Notices to Mariners and making existing editions obsolete .</p>							
<p>REPRINTS A new print of the current edition of a chart incorporating no amendments of navigational significance other than those previously promulgated in Notices to Mariners. It may also contain amendments from other sources provided they are not essential to navigation. Previous printings of the current edition remain in force.</p>							
<p>The accompanying list is a listing of the dates of current chart editions up to monthly edition 10 of 1998 (The asterisk indicates changes since Monthly edition 8, 1998) . Please refer to the Monthly Notices to Mariners for detail.</p>							
Chart Number	Cat	Edition Date	Reprint Date	Chart Number	Cat	Edition Date	Reprint Date
1	NE	05-JAN-96		1226	NC	27-MAY-83	03-MAY-91
1202	NE	13-NOV-81	20-MAY-94	1229	NE	31-DEC-76	15-DEC-95
1203	NE	04-JAN-85	10-FEB-95	1230	NE	29-FEB-80	10-FEB-89
1209	NE	14-DEC-84	02-AUG-96	1233	NE	18-MAY-84	03-JAN-97
1220	NE	28-FEB-97		L/C 1234	NE	02-JUL-93	20-OCT-95
L/C 1221	NE	27-DEC-91		L/C 1235	NE	25-APR-97	
1223	NE	03-OCT-97		L/C 1236	NE	01-MAR-96	

	1260	NC	04-JAN-91		2054	NC	10-MAY-85	
*	1310	NE	29-MAY-98		2055	NC	05-JUL-91	
	1312	NC	05-APR-96		L/C 2058	NE	16-JUN-89	
	1313	NE	27-JUN-97		L/C 2060	NE	28-JUN-85	01-JUL-94
	1314	NC	18-OCT-85	01-MAR-96	2061	NE	18-MAR-77	13-JAN-89
	1315	NE	05-JUL-96		L/C 2064	NE	10-FEB-89	05-MAY-95
	1316	NE	07-FEB-97		2067	NE	01-NOV-85	15-FEB-91
	1317	NE	07-JUN-96		2069	NE	04-MAR-83	13-FEB-98
	1338	NE	05-APR-96	10-JUL-98	2070	NE	29-APR-83	
	1339	NE	19-AUG-83	03-JAN-97	L/C 2077	NE	25-AUG-95	
	1350	NC	06-JUL-84	25-MAR-94	2085	NE	22-JUN-90	08-APR-94
	1351	NC	21-SEP-84	11-AUG-95	2086	NC	09-JUN-89	03-APR-92
	1361	NC	28-MAY-76	01-MAR-96	L/C 2100	NE	15-MAY-87	02-APR-93
	1400	NE	26-AUG-88		L/C 2110	NE	29-MAY-98	
	1409	NE	27-JUN-97		L/C 2120	NE	27-MAR-87	06-MAR-92
	1411	NE	02-AUG-96		L/C 2121	NC	18-DEC-87	
	1412	NE	13-JAN-84	05-JUL-96	L/C 2122	NE	05-JUL-91	05-APR-96
	1413	NE	21-AUG-87	05-JUL-96	L/C 2123	NE	12-MAR-93	04-APR-97
	1414	NE	01-JUN-84	24-FEB-95	2140	NC	16-SEP-88	
	1434	NC	01-MAR-96		2165	NC	08-MAR-91	
	1435	NC	15-DEC-95		2181	NE	10-NOV-89	
	1436	NC	15-JAN-93	03-JAN-97	L/C 2200	NE	01-MAY-87	17-APR-92
	1437	NC	19-MAR-93	30-MAY-97	L/C 2201	NE	21-SEP-84	25-FEB-94
	1438	NE	06-OCT-95		2202	NE	04-APR-86	10-MAR-95
	1439	NE	22-FEB-91	07-FEB-97	2203	NE	07-OCT-88	13-NOV-92
	1509	NC	18-MAY-90	27-JUN-97	2204	NE	06-MAY-83	12-FEB-93
	1510	NE	23-JAN-98		2205	NE	18-DEC-87	06-MAR-92
	1512	NE	03-AUG-84	09-OCT-92	2206	NC	27-JUN-97	
	1513	NE	07-JUN-96		2212	NC	24-FEB-95	
*	1514	NC	24-JUL-98		2213	NC	24-FEB-95	
*	1515	NC	24-JUL-98		2214	NC	07-OCT-94	
	1550	NE	05-JAN-96		2215	NC	12-AUG-94	
	1551	NE	27-JUN-86		2218	NC	13-APR-84	
*	1552	NE	05-JUN-98		2221	NE	07-JUN-96	
	1553	NC	15-FEB-80	21-APR-95	2222	NC	13-APR-84	
	1554	NE	16-SEP-88	15-AUG-97	2223	NC	13-APR-84	
	1555	NC	12-OCT-79		2225	NE	08-MAR-91	11-JUL-97
L/C	2000	NE	10-APR-98		2226	NE	22-NOV-91	
	2006	NE	03-JUL-87	16-FEB-90	L/C 2228	NC	16-FEB-90	
	2007	NE	10-SEP-82	09-SEP-94	2235	NE	06-FEB-87	30-DEC-94
	2011	NC	08-JUL-88		2239	NE	08-MAR-85	01-MAR-96
	2017	NC	13-JUL-90		L/C 2243	NE	30-AUG-85	08-APR-94
	2018	NC	22-JUN-90		L/C 2244	NE	24-JUL-87	16-JUN-95
	2021	NE	25-JUN-93		L/C 2245	NE	06-JUN-86	05-APR-96
	2022	NE	02-AUG-96		2250	NC	09-MAY-86	
	2023	NE	01-MAR-85	24-MAR-95	2251	NC	11-APR-86	26-JUN-92
	2024	NE	29-MAR-85	16-DEC-94	2257	NE	02-NOV-84	07-JUN-96
	2025	NE	01-MAR-85	28-MAY-93	2258	NE	16-JUN-89	05-APR-96
	2026	NE	05-APR-85	15-DEC-95	2259	NE	15-JUN-62	02-JUL-93
*	2028	NE	05-JUN-98		2260	NE	13-JUN-86	05-APR-91
	2029	NE	20-MAR-87	08-MAY-92	2261	NE	13-JUN-86	21-APR-95
	2042	NE	07-OCT-94		2266	NC	22-JUN-84	
	2043	NC	29-NOV-68	26-MAR-82	2267	NC	22-JUN-84	
	2044	NC	28-FEB-97		2268	NE	31-MAR-89	06-MAY-94
	2047	NC	07-APR-95		2273	NC	13-OCT-55	22-AUG-75
	2048	NC	11-OCT-91		2274	NE	08-JUN-90	
	2049	NC	10-MAY-85		L/C 2282	NE	07-JUN-96	
	2050	NC	10-MAY-85		L/C 2284	NE	27-OCT-89	07-JUN-96
	2053	NC	10-MAY-85		2286	NE	21-JAN-83	25-AUG-95

	2289	NE	16-OCT-87	05-JUN-92	3476	NC	31-AUG-84	22-APR-94
	2291	NE	12-JUL-81	15-APR-88	3477	NE	03-MAY-85	08-SEP-89
	2292	NE	28-APR-89	05-APR-96	3478	NE	24-FEB-95	
	2293	NE	11-JUN-65	12-DEC-80	3481	NE	05-DEC-86	17-DEC-93
	2294	NE	23-JUN-89	24-JAN-97	3488	NC	21-OCT-94	
	2297	NE	20-JAN-60	19-SEP-97	3489	NC	21-OCT-94	
	2298	NE	02-JUL-58	13-FEB-81	3490	NE	25-JUL-97	
	2299	NE	30-SEP-83	30-JUN-95	3491	NE	05-JAN-96	
	L/C 2300	NC	24-APR-98		3492	NC	27-JUN-97	
	L/C 2301	NE	22-FEB-91		3493	NE	01-JUL-94	
	L/C 2302	NE	02-AUG-85		3494	NE	21-FEB-92	
	2303	NE	18-MAY-55	29-JUN-90	3495	NE	21-FEB-92	
	2304	NE	31-MAY-57	01-FEB-80	L/C 3512	NC	30-NOV-84	05-MAR-93
	2305	NE	17-DEC-56	08-FEB-80	L/C 3513	NC	30-NOV-84	19-FEB-93
	2306	NE	03-MAY-57	09-MAY-75	3514	NE	02-AUG-96	
	2307	NE	31-AUG-56	11-MAR-77	3515	NC	18-JAN-91	03-JUN-94
	2308	NE	19-JUL-46	21-APR-78	3526	NE	24-FEB-95	
	L/C 2309	NE	08-JUL-88		3527	NE	01-JAN-88	02-APR-93
	2310	NE	03-JUN-46	01-FEB-80	3534	NE	07-MAY-93	
	2311	NE	08-JAN-58	12-APR-91	3535	NE	16-AUG-85	16-APR-93
	2312	NE	13-NOV-87	08-APR-94	3536	NC	21-APR-78	16-APR-93
	2313	NE	21-JUN-57	28-OCT-77	3537	NC	27-SEP-85	22-JUN-90
	2314	NE	11-JUL-86		3538	NE	27-NOV-92	02-AUG-96
	2315	NE	22-APR-88		3539	NE	04-AUG-89	25-APR-97
	2318	NE	03-DEC-82		3540	NE	22-MAY-92	
	2400	NE	29-JUN-90		3541	NE	29-JUL-94	
	L/C 3000	NE	20-JAN-89	22-APR-94	3542	NE	01-JUL-94	
	L/C 3001	NE	07-OCT-94		3543	NE	27-NOV-92	30-MAY-97
	L/C 3002	NE	16-DEC-94		3544	NE	25-SEP-87	01-MAY-98
	3050	NE	03-MAY-96		3545	NC	28-APR-89	12-AUG-94
	3052	NE	07-OCT-94		3546	NC	28-APR-89	11-JUL-97
	3053	NC	11-APR-86	02-FEB-90	3547	NC	28-APR-89	05-APR-96
	3055	NC	21-JUN-91		3548	NE	26-SEP-97	
	3056	NC	21-JUN-91		3549	NC	03-DEC-93	05-APR-96
	3057	NC	21-JUN-91		3550	NC	03-DEC-93	02-JAN-98
	3058	NC	21-JUN-91		3552	NC	02-JAN-87	02-APR-93
	3061	NC	29-MAY-81	21-JUN-85	3555	NE	27-JUN-86	09-APR-93
	3062	NC	24-MAY-85		3559	NC	15-JUN-79	02-FEB-90
	3080	NE	03-APR-92		3564	NC	04-DEC-87	08-SEP-95
	3311	NE	31-DEC-93		3598	NE	14-AUG-87	11-OCT-91
	3312	NC	31-JAN-86	05-APR-91	3601	NC	26-AUG-94	
	3313	NC	28-JUL-95		L/C 3602	NE	24-MAY-85	12-AUG-94
	3410	NC	24-MAR-95		L/C 3603	NE	23-OCT-81	01-NOV-91
	3411	NC	24-MAR-95		L/C 3604	NE	06-NOV-87	13-JUN-97
	3415	NE	13-FEB-87	08-APR-94	L/C 3605	NE	06-MAR-98	
	3419	NC	02-JUL-93		L/C 3606	NE	27-JUL-84	03-SEP-93
	3424	NC	24-JUL-87	02-APR-93	3623	NE	26-AUG-77	06-JAN-89
	3440	NE	11-MAR-83	15-OCT-93	3624	NE	19-AUG-88	22-APR-94
	3441	NE	12-AUG-88	06-DEC-96	3625	NC	25-OCT-68	10-MAR-89
	3442	NE	03-JUN-88	06-DEC-96	3646	NE	30-JUN-95	
	3443	NE	30-JAN-98		3647	NE	05-JUL-85	02-JAN-98
	3457	NE	29-DEC-89	01-MAY-98	3651	NE	09-APR-93	
	3458	NE	10-MAR-95		3662	NE	07-AUG-87	17-DEC-93
	3459	NE	24-OCT-97		3663	NE	31-MAY-74	14-AUG-92
	L/C 3461	NC	06-JAN-84	02-DEC-94	3664	NE	13-MAY-77	05-APR-96
	L/C 3462	NC	13-JUL-84	27-AUG-93	3665	NE	13-NOV-87	11-MAR-94
	L/C 3463	NE	03-OCT-97		3668	NE	12-MAR-93	
	3473	NE	13-FEB-87	04-DEC-92	3670	NE	21-OCT-94	
	3475	NE	27-MAY-88	02-JUL-93	3671	NE	27-AUG-82	03-JUN-94

3673	NC	01-DEC-95			3859	NE	17-JUN-66	18-JUL-80
3674	NC	01-DEC-95			3860	NE	12-SEP-69	05-JAN-90
3679	NC	14-JUN-91	21-FEB-97		3863	NE	25-APR-80	16-MAR-90
3680	NE	07-APR-78	26-APR-91		3864	NE	11-MAY-62	17-DEC-93
3681	NC	08-JUN-90			3865	NE	01-NOV-55	10-JUL-87
3682	NE	05-JUN-87			3868	NE	12-JUL-68	19-APR-91
3683	NE	06-MAR-98			3869	NE	28-NOV-86	02-MAR-90
3685	NE	25-AUG-95			3890	NC	14-MAR-86	07-APR-95
3686	NC	08-APR-88	02-DEC-94		3891	NC	08-SEP-89	01-AUG-97
3710	NE	04-JUL-86	15-JUN-90		3892	NC	13-JAN-84	03-JUN-94
3711	NE	15-JUN-84	19-FEB-93		3893	NC	13-JAN-84	
3717	NE	28-JUL-95			3894	NE	12-JUN-98	
3719	NE	17-APR-61	11-NOV-88		3895	NC	15-JUN-84	09-JUN-89
3720	NE	12-FEB-88	03-SEP-93	L/C	3902	NE	09-DEC-88	27-JUN-97
3721	NE	26-AUG-94			3909	NC	11-DEC-87	03-JUN-94
3722	NE	07-FEB-64	04-SEP-87		3920	NC	18-JAN-91	
3723	NE	29-JUN-84			3921	NE	15-DEC-95	
3724	NE	23-MAY-80	21-APR-95		3927	NE	29-MAY-98	
3726	NE	23-MAY-80	06-JAN-89		3931	NC	21-FEB-92	
3727	NE	29-JUN-62	24-MAR-95		3932	NC	21-FEB-92	12-JUN-98
3728	NE	05-FEB-82	24-JAN-97		3933	NE	20-JAN-89	19-FEB-93
3729	NE	06-MAR-98			3934	NC	21-FEB-92	02-JUN-95
3730	NC	30-NOV-60	21-DEC-90		3940	NC	01-MAR-96	
3733-A	NC	01-FEB-56			3955	NC	15-FEB-85	20-MAY-94
3734	NE	09-JUL-76	24-MAY-91		3956	NE	01-MAR-96	
3736	NE	31-AUG-90		*	3957	NE	05-JUN-98	
3737	NE	14-AUG-87	21-APR-95		3958	NE	24-MAR-95	
3738	NE	04-FEB-83	24-MAR-95		3959	NC	11-DEC-87	03-JUL-92
3739	NE	03-FEB-84	01-SEP-89		3960	NC	13-AUG-93	
3740	NE	20-MAY-77	06-DEC-96		3962	NE	26-JAN-79	18-JUN-93
3741	NE	15-FEB-63	30-JUN-89		3963	NC	26-OCT-90	12-JUN-98
3742	NE	16-JUL-82	02-AUG-96		3964	NC	07-JUN-91	
3743	NE	25-MAR-77	10-FEB-95		3994	NE	20-JAN-89	22-SEP-95
L/C 3744	NE	20-MAY-88			4000	NE	14-DEC-84	
3745	NE	12-JUN-98		L/C	4001	NE	01-DEC-95	
3746	NE	12-AUG-77	02-JUL-93	L/C	4002	NE	27-DEC-91	05-JUL-96
3747	NE	16-SEP-77	30-MAY-97	L/C	4003	NE	14-DEC-84	29-JUL-94
3753	NE	30-APR-59	12-AUG-88	L/C	4006	NE	14-DEC-84	19-FEB-93
3761	NE	19-AUG-88		L/C	4010	NE	18-NOV-83	10-JUL-92
3772	NE	30-OCT-64	29-JAN-93	L/C	4011	NE	31-OCT-97	
3773	NE	26-APR-85	06-DEC-96	L/C	4012	NE	13-MAR-87	14-JUL-95
3781	NE	18-MAY-59	15-MAR-91	L/C	4013	NE	07-NOV-86	03-JUL-92
3784	NE	23-JUL-82	16-DEC-94	L/C	4015	NE	24-JUL-92	
3785	NE	04-OCT-91	12-JUN-98	L/C	4016	NE	05-MAY-95	
3786	NC	05-JUL-46	12-MAR-93	L/C	4017	NE	16-JUN-95	
3787	NE	29-JUL-77	04-APR-97	L/C	4020	NE	27-DEC-91	
3794	NE	07-FEB-75	17-MAR-89	L/C	4021	NE	27-DEC-91	
3795	NE	01-MAY-64	09-JUL-93	L/C	4022	NE	27-DEC-91	02-AUG-96
L/C 3802	NE	24-NOV-89		L/C	4023	NE	28-NOV-86	05-JAN-96
3807	NC	07-JAN-60	07-OCT-88	L/C	4024	NE	27-DEC-91	
3808	NC	30-MAR-62	13-OCT-89	L/C	4025	NE	27-DEC-91	
3809	NE	24-AUG-79	24-MAR-95	L/C	4026	NE	27-DEC-91	18-JUL-97
3811	NE	06-DEC-63	27-SEP-91	L/C	4045	NC	08-AUG-86	
3825	NE	16-DEC-77	09-JUN-89	L/C	4047	NE	19-MAY-89	
L/C 3853	NE	02-MAR-90	05-APR-96	L/C	4049	NE	19-MAY-95	
L/C 3854	NE	23-OCT-87	23-APR-93	L/C	4098	NC	21-SEP-84	
3855	NE	13-JAN-67	26-APR-91	L/C	4099	NC	21-SEP-84	
3857	NE	17-NOV-67	10-JUL-87		4114	NC	08-MAY-92	
3858	NE	28-JUL-67	28-JUL-89		4117	NC	28-OCT-88	

L/C 4118	NC	22-MAY-87	06-MAR-98	4391	NE	21-FEB-92	
4124	NC	07-AUG-92		4394	NE	14-SEP-90	
4130	NC	30-MAY-69	17-DEC-76	4395	NE	25-MAY-90	
4140	NC	07-JAN-72	02-JUL-82	4396	NE	19-FEB-88	30-JUL-93
4141	NE	01-NOV-96		4399	NC	03-APR-42	26-AUG-83
4142	NE	01-NOV-96		4402	NE	11-SEP-59	20-MAR-81
4145	NE	22-MAR-91		L/C 4403	NE	21-JUN-85	24-DEC-93
4170	NC	28-FEB-92		L/C 4404	NE	26-JUL-85	29-JUN-90
4201	NE	26-JAN-90	10-MAR-95	L/C 4405	NE	12-JUL-85	21-JUL-89
4202	NC	14-AUG-87	17-OCT-97	L/C 4406	NE	27-FEB-98	
4203	NC	07-AUG-87	07-NOV-97	*	4416	NE	01-MAY-98
4209	NC	21-OCT-94		4419	NE	12-AUG-88	02-FEB-96
4210	NC	05-APR-91		4420	NE	03-OCT-69	06-NOV-81
4211	NE	07-DEC-90	02-JUN-95	4421	NE	11-OCT-68	23-MAR-79
L/C 4227	NC	24-MAY-91		4422	NE	10-OCT-69	17-JUN-94
L/C 4230	NC	15-JUN-90	26-JUN-98	4425	NE	02-MAY-80	17-OCT-97
L/C 4233	NC	11-JAN-91		4426	NE	18-MAR-88	
L/C 4234	NC	10-APR-87	26-DEC-97	4428	NE	06-OCT-78	
L/C 4235	NC	31-MAR-89		4429	NE	04-JUN-93	
L/C 4236	NC	30-JAN-87	28-JUL-95	4430	NE	02-OCT-81	21-MAY-93
L/C 4237	NC	30-DEC-88	30-JAN-98	4432	NE	14-DEC-84	15-JUN-90
L/C 4240	NC	06-OCT-89	06-JUN-97	4437	NE	17-MAY-91	
L/C 4241	NC	01-DEC-89	02-AUG-96	4440	NE	18-JUL-80	
L/C 4242	NE	28-AUG-92		4443	NC	16-JUN-67	18-FEB-77
L/C 4243	NC	20-JUN-86	25-AUG-89	4445	NC	17-JUN-49	07-DEC-79
4244	NC	21-FEB-86	26-APR-91	4446	NC	06-JAN-53	31-DEC-93
4245	NE	28-NOV-86	25-DEC-92	4447	NE	09-NOV-84	
L/C 4255	NC	27-JUL-90		4448	NE	27-APR-90	
4266	NC	29-SEP-89		*	4449	NE	03-JUL-98
4275	NE	23-DEC-83	03-MAY-96	4450	NE	02-MAR-73	13-NOV-87
4276	NE	25-JUL-97		L/C 4451	NE	27-MAR-87	15-JUL-88
*	4277	NE	17-APR-98	4452	NE	29-JUL-83	
4278	NE	20-MAR-98		4453	NE	17-DEC-82	
4279	NE	13-JUN-86	13-SEP-91	4454	NE	03-FEB-78	
4281	NE	20-FEB-87	14-JUL-95	4455	NE	10-SEP-76	20-OCT-89
4306	NE	14-JUN-85	07-JUN-96	4459	NE	22-JAN-88	
4307	NE	15-FEB-85	13-NOV-92	4460	NE	11-SEP-87	03-MAY-91
4308	NE	07-SEP-84	27-SEP-91	L/C 4462	NE	28-JUN-85	06-JUN-97
L/C 4320	NE	26-SEP-97		L/C 4463	NE	09-AUG-85	15-JUN-90
L/C 4321	NE	11-OCT-85	01-FEB-91	L/C 4464	NE	11-OCT-85	15-JUN-90
*	4328	NE	10-JUL-98	4466	NE	17-MAY-91	01-MAR-96
4331	NE	19-OCT-84	26-DEC-97	4467	NE	21-MAR-69	01-MAR-96
4332	NE	29-DEC-61	24-JAN-97	4468	NE	12-JUL-85	
L/C 4335	NE	27-SEP-85		4469	NE	08-NOV-85	
4337	NE	03-JAN-86		4470	NE	04-JAN-80	
L/C 4340	NE	12-APR-91		4471	NE	11-FEB-77	11-AUG-89
4342	NE	03-JUN-88	26-APR-91	4472	NE	14-AUG-81	
L/C 4363	NE	01-NOV-85	13-NOV-92	4473	NE	25-NOV-77	
4365	NE	08-DEC-72	29-FEB-80	4474	NE	31-DEC-76	
L/C 4367	NE	01-NOV-85	06-JUL-90	4483	NE	12-AUG-88	
L/C 4374	NE	27-DEC-85	26-MAR-93	L/C 4485	NE	26-SEP-97	
L/C 4375	NE	25-OCT-85	01-JAN-93	L/C 4486	NE	19-OCT-84	24-MAR-95
4376	NE	02-OCT-87	11-AUG-95	4491	NC	06-MAY-66	01-FEB-80
4377	NE	10-JAN-86		4492	NC	04-FEB-66	25-JUL-80
4379	NE	31-OCT-86	14-FEB-92	4497	NE	30-JUL-71	12-OCT-79
4381	NE	17-JAN-86	03-MAY-96	4498	NE	23-OCT-87	03-NOV-95
4384	NE	31-OCT-86	13-AUG-93	4504	NE	14-FEB-64	23-JAN-76
L/C 4385	NE	07-JUN-96		4505	NC	14-FEB-64	14-FEB-75
4386	NE	03-OCT-86	24-MAR-95	4506	NC	28-FEB-64	25-JUN-82

4507	NC	28-FEB-64	30-JAN-76	4652	NE	31-OCT-80	
4509	NC	05-DEC-69	21-JUL-78	4653	NE	12-MAR-76	24-MAR-95
4510	NC	22-MAR-68	15-JUL-94	4654	NC	27-OCT-52	22-SEP-78
4511	NC	10-JUL-64	17-OCT-80	4658	NC	08-MAY-70	15-FEB-80
4512	NC	30-OCT-64	09-FEB-79	4659	NC	10-OCT-57	08-SEP-78
4514	NE	23-OCT-81	29-SEP-89	4661	NC	20-SEP-55	23-JUN-89
4515	NC	21-MAY-52	02-JAN-81	4663	NC	10-OCT-57	03-SEP-76
4516	NE	02-NOV-62	10-DEC-76	4665	NC	10-OCT-57	08-MAY-81
4518	NC	18-OCT-51	26-JAN-79	4666	NC	10-OCT-57	20-JUN-86
4519	NC	13-OCT-51	04-FEB-83	4667	NE	08-OCT-65	13-AUG-76
L/C 4520	NE	02-JUN-95		4668	NC	10-OCT-57	23-OCT-87
4521	NE	04-JUN-65	08-SEP-78	4669	NC	10-OCT-57	29-MAR-85
4522	NC	15-JUL-59	04-SEP-81	4670	NC	10-OCT-57	29-JUL-77
4523	NC	27-MAR-64	13-JUN-75	4679	NE	31-DEC-76	04-JUN-82
4524	NE	07-FEB-64	15-AUG-80	4680	NC	02-JAN-59	27-FEB-76
4529	NE	30-SEP-88		4682	NC	19-OCT-62	01-MAY-87
4530	NE	11-MAR-83	17-APR-92	L/C 4700	NE	30-DEC-94	
4531	NC	24-MAY-74	14-MAR-97	4701	NC	27-DEC-63	23-OCT-81
4535	NC	12-MAR-65	21-AUG-81	4702	NC	17-JAN-64	28-SEP-90
4536	NC	20-SEP-63	14-FEB-75	4703	NE	31-JAN-64	26-AUG-94
4538	NE	26-MAR-76		4705	NE	30-JAN-56	06-AUG-76
4540	NC	10-OCT-57	26-JAN-79	4712	NC	21-FEB-64	01-FEB-74
4541	NC	10-OCT-57	03-OCT-80	4722	NE	27-FEB-87	
4542	NE	09-SEP-66	23-JAN-76	4724	NE	20-MAY-60	08-SEP-78
4543	NC	10-OCT-57	10-NOV-78	4725	NC	09-JUN-53	28-AUG-81
L/C 4560	NE	14-MAR-86	25-DEC-92	4728	NE	16-JUN-95	
4582	NC	14-FEB-64	10-SEP-76	L/C 4730	NE	07-OCT-83	17-OCT-97
4583	NC	16-JAN-61	02-JUL-82	L/C 4731	NE	16-DEC-94	
4584	NC	02-JAN-59	14-NOV-80	4732	NE	27-DEC-68	22-FEB-80
4585	NC	02-JAN-59	29-AUG-80	4744	NC	22-FEB-63	27-NOV-81
4587	NE	04-SEP-87	21-AUG-92	4745	NC	17-MAY-63	09-OCT-87
4591	NC	02-JAN-59	18-AUG-78	4763	NC	01-FEB-63	26-JUL-85
4592	NE	03-JUN-83	02-APR-93	4764	NC	01-FEB-63	09-NOV-90
4593	NC	20-JAN-60	12-JUN-81	4765	NC	29-NOV-63	26-APR-85
4594	NC	02-JAN-59	14-FEB-92	4766	NC	06-DEC-63	05-APR-96
4595	NC	02-JAN-59	04-FEB-83	4767	NC	06-DEC-63	06-JUL-90
4596	NC	02-JAN-59	09-JAN-81	4769	NE	19-SEP-75	03-MAY-85
4597	NC	02-JAN-59	09-OCT-81	4771	NE	02-JUL-76	29-JUL-83
4598	NE	21-JAN-83		4773	NC	29-NOV-63	29-DEC-78
4609	NE	20-SEP-63	07-JAN-77	4774	NC	24-JAN-64	19-MAR-82
4615	NE	22-MAY-87		L/C 4775	NE	09-SEP-83	02-MAY-97
4616	NE	19-APR-91	17-OCT-97	L/C 4776	NE	08-JUL-83	
4617	NE	19-MAY-89	25-APR-97	L/C 4817	NC	11-APR-86	
4619	NC	29-NOV-63	29-OCT-93	4830	NC	14-FEB-86	
L/C 4622	NE	25-APR-97		L/C 4831	NC	26-DEC-86	
L/C 4624	NE	17-JAN-86		L/C 4832	NC	02-OCT-87	
L/C 4625	NE	10-JAN-86	22-APR-88	4839	NC	27-MAR-92	
L/C 4626	NE	08-NOV-85	22-APR-88	L/C 4841	NC	19-MAY-89	
4633	NE	24-APR-87	21-APR-95	L/C 4842	NE	03-MAR-89	
4634	NE	14-JUL-95		4843	NC	28-JAN-83	
4635	NE	24-JUN-83	28-NOV-97	L/C 4844	NC	01-FEB-85	25-MAR-94
4637	NE	14-AUG-87	19-MAY-89	L/C 4845	NE	12-SEP-97	
4638	NC	20-SEP-55	12-DEC-80	L/C 4846	NE	15-DEC-95	
4639	NC	20-SEP-55	12-DEC-80	L/C 4847	NE	05-JUL-96	
4640	NE	10-AUG-84		4848	NC	12-JUN-87	
4641	NE	31-AUG-84		4849	NC	30-DEC-88	
4642	NC	18-JAN-60	31-MAR-78	L/C 4850	NC	11-MAY-90	
4643	NE	03-MAY-85	15-MAY-92	L/C 4851	NE	04-APR-97	
4644	NC	01-DEC-67	04-SEP-92	4852	NC	02-DEC-94	

L/C 4853	NC	13-OCT-89		5376	NC	22-MAR-85	
4854	NC	25-APR-97		5390	NC	17-MAY-68	04-NOV-88
4855	NC	06-JUN-97		5391	NC	17-MAY-68	18-FEB-83
4865	NC	30-JAN-98		5396	NC	01-JUN-60	26-SEP-75
4885	NE	12-FEB-88		5397	NC	04-NOV-60	18-NOV-83
* 4886	NC	26-DEC-97		5398	NE	04-SEP-81	
L/C 4905	NC	22-JUL-88	24-JUL-92	5399	NE	04-SEP-81	
L/C 4906	NC	18-MAR-88	11-JUN-93	5400	NE	19-DEC-60	23-APR-82
4909	NC	17-JUN-88	01-MAR-96	5403	NE	04-FEB-87	
4911	NE	07-MAY-93		5405	NC	26-DEC-51	25-MAR-88
4912	NE	04-JUN-93		5406	NC	06-MAR-14	15-AUG-80
L/C 4913	NC	07-AUG-92		5410	NE	25-MAR-77	19-MAR-93
4920	NC	29-SEP-89		5411	NE	04-JUN-58	30-JAN-81
4921	NE	06-MAR-98		5412	NE	23-FEB-68	27-APR-84
L/C 4951	NC	04-JAN-91		5414	NE	06-AUG-37	10-OCT-80
L/C 4952	NC	21-AUG-92		5427	NC	11-JUN-59	31-OCT-80
4954	NE	20-JUN-97		5440	NE	01-NOV-74	06-FEB-81
4955	NC	15-FEB-91		5449	NE	15-AUG-86	
4956	NC	23-NOV-90		5450	NE	22-MAY-70	29-JUL-77
4957	NC	13-JUL-90		5451	NE	05-NOV-65	22-MAR-85
4980	NC	03-JAN-92		5452	NC	16-DEC-54	05-FEB-82
L/C 5001	NE	04-NOV-94		5455	NE	15-FEB-61	15-DEC-78
5002	NC	25-JUL-75		5456	NE	26-MAY-72	12-JUN-81
5003	NE	26-SEP-69	23-JUL-76	5457	NE	08-MAR-63	01-DEC-78
L/C 5023	NC	20-APR-90		5458	NE	08-MAR-63	10-NOV-78
L/C 5030	NC	26-OCT-90		5459	NC	26-JAN-53	06-FEB-81
5031	NC	04-JAN-91		5464	NC	16-DEC-54	07-MAY-82
5042	NC	24-FEB-84		5467	NC	18-MAR-55	29-JUN-90
5043	NC	29-JUN-84		5468	NC	18-MAR-55	04-SEP-81
5044	NC	10-JUN-83		5469	NC	18-MAR-55	12-NOV-82
5045	NC	01-JUL-83		5471	NE	12-MAY-67	04-DEC-81
5046	NC	13-JAN-84		5476	NE	03-JUL-59	15-JUN-73
5047	NC	17-AUG-84		5510	NE	11-JAN-80	
5048	NC	07-AUG-87		5512	NC	18-DEC-87	
5049	NC	08-APR-88		5533	NE	11-MAR-77	
5051	NC	07-JUN-96		5620	NE	21-JUN-91	
5052	NC	25-APR-97		5621	NE	26-APR-91	
* 5070	NC	31-JUL-98		5622	NE	27-DEC-91	
5080	NC	03-OCT-97		5623	NE	08-NOV-91	
5133	NC	10-OCT-69	14-MAY-82	5624	NE	26-APR-91	
5134	NC	11-AUG-67	16-MAR-73	5625	NE	10-JUL-92	
5135	NC	11-AUG-67	19-FEB-88	5626	NC	08-AUG-86	
5138	NE	17-APR-98		5628	NC	08-AUG-97	
5140	NC	15-NOV-63	20-OCT-78	5640	NC	22-APR-94	
5143	NE	02-MAY-86		5705	NE	13-MAY-83	
5179	NC	28-AUG-64	12-JUN-81	5706	NE	24-JUN-83	
5300	NC	25-NOV-66	25-NOV-77	5707	NE	28-JAN-83	
5316	NC	24-AUG-61	25-JAN-80	5720	NC	22-APR-94	
5335	NC	15-MAR-85		5800	NE	19-JUL-74	22-MAR-91
5338	NC	06-JUN-86		5801	NE	24-MAY-74	
5340	NC	19-APR-63	14-DEC-79	5860	NE	30-SEP-66	14-MAY-76
5348	NE	05-NOV-76		5861	NE	30-SEP-66	14-MAY-76
5349	NC	05-MAR-58	03-MAR-78	6021	NE	23-MAY-86	
5351	NC	24-FEB-56	25-MAR-83	6022	NE	23-MAY-86	
5352	NE	08-JUL-60	16-MAY-80	6023	NE	26-FEB-88	30-JUN-95
5365	NC	26-SEP-69	25-AUG-89	6026	NC	17-SEP-76	
5373	NC	15-FEB-85		6028	NC	15-JAN-71	
5374	NC	17-JAN-86		6030	NC	14-AUG-87	
5375	NC	28-FEB-86		6035	NC	20-NOV-87	

6036	NC	28-AUG-87		6354	NC	09-NOV-50	
6037	NC	13-NOV-87		6355	NE	09-FEB-72	
6038	NC	11-SEP-87	19-SEP-97	6356	NC	30-OCT-49	
6050	NE	01-AUG-86		6357	NC	28-FEB-50	13-APR-73
6100	NC	15-MAY-87	10-APR-92	6358	NE	18-MAY-49	28-JAN-72
6101	NC	10-APR-64		6359	NE	24-MAY-68	
6105	NE	20-JAN-89		6360	NC	17-APR-48	
6106	NE	21-JUN-91		6368	NC	16-JUN-58	06-AUG-76
6107	NE	10-JUN-83		6369	NE	24-MAY-85	
6108	NE	28-JAN-83	05-JUN-92	6370	NE	03-AUG-90	
6109	NE	30-MAR-90		6371	NE	01-MAR-74	
6110	NE	24-FEB-89	15-DEC-95	6390	NE	08-FEB-80	
6111	NE	11-MAR-83		6408	NE	13-FEB-87	
6112	NC	06-FEB-70	25-MAR-94	6409	NE	02-APR-93	
6201	NE	16-MAR-73	22-NOV-91	6410	NE	17-APR-98	
6205	NC	30-JUN-95		6411	NE	17-APR-98	
6206	NE	02-APR-82	06-OCT-95	6412	NE	18-APR-97	
6207	NE	02-APR-82	21-FEB-92	6413	NE	17-FEB-89	
6209	NC	04-SEP-70		6414	NE	13-FEB-87	
6211	NC	26-AUG-88	29-OCT-93	6415	NE	18-APR-97	
6212	NE	12-NOV-82	21-APR-95	6416	NE	31-MAY-91	
6213	NE	10-AUG-84	28-JUL-89	6417	NE	18-APR-97	
6214	NC	18-MAR-77	07-JUL-89	6418	NE	01-APR-88	
6215	NC	01-JUL-77	08-MAY-92	6419	NE	05-APR-96	
6216	NC	02-APR-82	28-FEB-92	6420	NE	18-APR-97	
6217	NC	18-JUN-76	12-FEB-93	6421	NE	17-APR-98	
6218	NE	11-MAR-88	13-NOV-92	6422	NE	17-APR-98	
6240	NE	15-DEC-95		6423	NE	17-APR-98	
6241	NE	06-AUG-57	28-MAY-82	6424	NE	17-APR-98	
6242	NE	13-JUN-80	01-MAY-92	6425	NE	17-APR-98	
6243	NE	10-DEC-71	17-NOV-95	6426	NE	17-APR-98	
6247	NE	19-FEB-93		6427	NE	17-APR-98	
6248	NC	04-MAY-34	06-NOV-95	6428	NE	17-APR-98	
6249	NE	29-MAR-85		6429	NE	17-JUN-94	
6251	NE	18-JUL-86	05-APR-96	6430	NE	01-APR-88	
6258	NC	30-DEC-88		6431	NE	01-APR-88	
6259	NC	23-FEB-90		6432	NE	02-JUN-95	
6260	NC	06-JAN-89		6433	NE	02-MAR-84	
6263	NC	14-APR-89		6434	NE	20-FEB-87	
6264	NC	14-APR-89		6435	NE	20-FEB-87	
6267	NC	09-JUL-65	28-AUG-81	6436	NE	31-MAY-91	
6268	NE	15-JUN-62		6437	NE	02-MAR-84	
6269	NE	04-NOV-60	11-MAR-77	6438	NE	02-APR-93	
6270	NE	09-NOV-73		6439	NE	02-MAR-84	
6271	NE	07-SEP-73		6440	NE	02-MAR-84	
6272	NE	14-SEP-73		6441	NE	20-FEB-87	
6273	NE	28-SEP-73		6451	NE	17-JUN-94	
6274	NE	07-SEP-73		6452	NC	29-MAY-87	
6281	NE	29-JAN-82	25-MAR-88	6453	NC	29-MAY-87	
6285	NC	03-JUN-88		6454	NC	15-MAY-87	
6286	NC	25-NOV-88		6455	NC	15-MAY-87	
6287	NC	11-JUN-82		6455 SUPP	NE	01-JAN-89	
6301	NE	03-MAY-96		6505	NC	05-APR-85	28-FEB-86
6302	NE	20-APR-73		6506	NC	12-APR-85	21-FEB-86
6310	NE	04-MAY-73	17-FEB-78	6730	NC	26-DEC-69	16-MAR-79
6311	NC	17-AUG-62		7000	NC	05-MAR-82	
6321	NC	15-MAY-57		7010	NE	12-JAN-79	04-MAR-88
6322	NC	15-MAY-57		L/C 7011	NE	02-SEP-83	
6341	NE	14-JAN-91		7050	NE	03-FEB-89	

7051	NE	14-DEC-73	08-AUG-86	7569	NC	05-JUL-85	
7052	NE	10-JUN-66	19-JUL-85	7570	NC	02-MAY-86	
7053	NE	10-APR-70	08-APR-94	7571	NC	11-APR-86	
7065	NE	31-MAY-63	30-DEC-83	7572	NC	02-MAY-86	
7066	NE	21-JUN-63	30-AUG-85	7575	NC	06-MAR-92	
7067	NE	30-APR-71	18-MAY-90	7578	NC	27-JAN-95	
7071	NE	31-JUL-64	08-SEP-78	7600	NC	26-JUL-85	
7072	NE	30-APR-71	25-JUL-97	7608	NE	04-JUN-76	04-MAR-83
7082	NE	20-MAY-66	27-APR-84	7620	NC	02-MAY-97	
7083	NE	15-JUN-84		7621	NC	02-MAY-97	
7103	NE	05-AUG-77		7646	NE	02-FEB-73	28-NOV-80
7121	NE	17-NOV-72	06-OCT-89	7661	NC	14-MAR-86	
7122	NE	19-OCT-62	06-SEP-85	7662	NE	19-JUL-91	
7125	NE	20-APR-60	26-SEP-80	7663	NE	11-APR-97	
7126	NE	08-MAR-54	13-AUG-93	7664	NC	28-FEB-86	
7127	NE	27-MAY-83	14-DEC-84	7665	NC	13-JUN-86	
7134	NC	23-JUL-93		7666	NC	28-FEB-86	
7135	NE	07-MAR-58	14-DEC-79	7667	NC	14-MAR-86	
7136	NC	23-JUL-93		7668	NC	18-MAY-90	
7150	NE	09-JUL-65	01-OCT-82	7669	NC	18-MAY-90	
7170	NE	18-APR-75	23-DEC-83	7685	NC	28-FEB-86	
7171	NE	15-APR-60	08-SEP-78	7686	NC	27-MAR-81	19-JAN-90
7180	NE	11-AUG-78		7687	NC	05-AUG-83	
7181	NC	22-FEB-63	04-MAY-84	7710	NE	13-JUN-97	
7184	NC	10-JUL-64	16-DEC-77	7725	NE	22-JUN-84	
7185	NE	08-APR-60	27-APR-84	7731	NE	25-MAY-84	
7193	NC	10-MAY-63	10-MAR-78	7733	NE	19-MAR-71	08-FEB-80
7194	NE	20-MAR-81		7735	NE	14-AUG-70	18-NOV-83
7195	NC	23-JUL-93		7740	NE	30-MAY-97	
7212	NE	11-JAN-85		7750	NE	13-JUN-97	
7220	NE	02-NOV-79	16-MAR-84	7760	NC	03-MAY-68	19-AUG-83
7292	NC	30-JAN-62	27-SEP-85	7770	NE	27-AUG-71	04-JUL-80
7302	NE	18-AUG-78	09-NOV-90	7776	NE	30-MAY-97	
7304	NC	17-FEB-78	06-SEP-85	7777	NE	30-MAY-97	
7310	NC	11-JUL-86		7778	NE	13-JUN-97	
7371	NE	14-DEC-73	27-MAR-81	7779	NE	13-JUN-97	
7404	NE	17-MAY-63	02-SEP-83	7780	NC	06-JUL-90	
7405	NE	01-OCT-82		7781	NC	06-JUL-90	
7411	NE	13-APR-73	29-SEP-89	7782	NE	13-JUN-97	
7430	NE	21-MAY-76	07-OCT-83	7783	NE	13-JUN-97	
7465	NE	28-FEB-57	02-AUG-91	7784	NC	03-JUL-98	
7481	NC	21-AUG-92		7830	NE	02-MAR-84	
7482	NC	21-AUG-92		7832	NE	19-FEB-71	06-MAR-81
7485	NC	17-MAR-89		7920	NE	27-APR-84	23-MAY-86
7486	NC	10-FEB-89		7930	NE	18-MAY-84	
7487	NC	10-JUL-87		7935	NE	21-JUN-85	
7488	NC	08-MAR-91		7940	NE	27-APR-79	20-SEP-85
7489	NC	28-AUG-92		7941	NC	05-JAN-73	14-MAR-86
* 7502	NE	31-JUL-98		7950	NE	03-MAY-85	
7511	NE	29-DEC-89		7951	NE	24-FEB-84	
7512	NC	05-JUL-85		7952	NE	17-MAR-72	27-JUL-84
7520	NC	01-JUN-84		7953	NE	05-APR-96	
7521	NC	01-JUN-84		7954	NC	17-MAY-74	17-JUN-83
7527	NE	12-APR-74	27-SEP-85	7980	NC	16-JAN-87	
7540	NC	07-JAN-83		L/C 8005	NE	07-DEC-84	02-MAY-97
7552	NE	27-MAR-98		L/C 8006	NE	05-AUG-88	
7565	NC	04-OCT-96		L/C 8007	NE	19-AUG-88	
7566	NC	22-JUN-90		L/C 8010	NE	01-AUG-86	26-MAY-89
7568	NC	05-JUL-85		L/C 8011	NE	30-DEC-94	

L/C 8012	NE	04-NOV-94					
L/C 8013	NE	04-NOV-94					
L/C 8014	NE	18-NOV-94					
L/C 8015	NE	16-DEC-94					
L/C 8046	NE	07-OCT-83					
L/C 8047	NE	07-OCT-83	06-DEC-85				
(AMA8035-10-35)				(DFO-H98-004)			

*** 1925 LIST OF CHARTS AFFECTED BY (T) AND (P) NOTICES IN EFFECT SEPTEMBER 25, 1998**

(Revised and promulgated quarterly)

(Reference: Notice 1346/98 cancelled)

CHARTS

(T) and (P) NOTICES

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L/C 1236	719(P)/98
1310	142(T)/98
1312	1140(P)/98
1313	65(T)/95
1314	170(T)/92, 679(P)/97, 144(P)/98
1315	546(T)/97
1316	430(T)/97, 1122(T)/98
1317	240(P)/94
1338	75(T)/92, 1137(P)/98, 1140(P)/98
1339	68(P)/91, 75(T)/92, 1137(P)/98, 1151(P)/98
1351	196(T)/87, 636(P)/93, 433(T)/96, 510(P)/98
1409	106(P)/97, 120(P)/97, 299(P)/97
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1510	214(P)/92, 563(P)/92, 407(T)/97
1553	531(P)/97, 1738(P)/98
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2023	525(T)/92
2028	826(T)/85
2054	484(P)/97
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2061	484(P)/97
2067	603(T)/96
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2085	683(P)/95, 739(P)/95, 506(T)/98
2086	90(T)/90, 683(P)/95, 739(P)/95, 603(T)/96, 506(T)/98
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L/C 2110	121(P)/94
L/C 2121	244(T)/95
L/C 2122	812(T)/92, 367(P)/97
L/C 2123	812(T)/92, 162(P)/94, 507(P)/96

2181	725(T)/91, 121(P)/94, 244(T)/95
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2205	115(P)/94
2215	1724(P)/98
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2257	380(P)/91
2259	53(P)/94
2260	965(T)/91, 175(P)/94, 176(P)/94
2261	176(P)/94, 177(P)/94, 178(P)/94
2268	380(P)/91, 53(P)/94
2273	180(P)/94
2282	182(P)/94, 1148(T)/98
2289	334(P)/97, 335(P)/97, 533(P)/97
2291	769(T)/91, 177(P)/94, 178(P)/94
2292	179(P)/94, 736(P)/95
2297	368(P)/97, 369(T)/97
2298	180(P)/94
2299	380(P)/91, 53(P)/94
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2304	51(P)/94, 450(P)/97
2305	450(P)/97
2312	439(P)/97, 450(P)/97
4000	529(P)/95
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LC 4006	529(P)/95
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LC 4012	519(P)/98
LC 4013	529(P)/95, 351(P)/96
L/C 4015	192(T)/95
L/C 4016	323(P)/88, 356(P)/90, 619(T)/93, 105(T)/94, 108(T)/94, 359(T)/94, 444(P)/96
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L/C 4026	374(T)/94
LC 4045	529(P)/95
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L/C 4049	105(T)/94, 359(T)/94
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LC 4099	529(P)/95
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4142	815(P)/93
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4211	346(T)/95
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LC 4230	734(P)/95
L/C 4234	805(P)/92

L/C 4235	805(P)/92, 461(T)/94, 717(T)/94
LC 4243	519(P)/98
4245	373(T)/94, 534(T)/95, 519(P)/98
4277	1149(P)/98
4278	648(P)/97, 1149(P)/98
4331	73(P)/94, 181(T)/95, 507(T)/95, 690(T)/95
4332	181(T)/95, 690(T)/95
LC 4340	459(P)/94
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LC 4405	351(P)/96
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4641	594(T)/94
4644	154(P)/96, 765(T)/98
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4702	345(P)/96, 687(P)/96
4703	163(T)/94, 687(P)/96
4728	292(T)/88
L/C 4730	804(P)/93, 163(T)/94
4732	163(T)/94
L/C 4817	568(T)/90, 105(T)/94, 522(P)/94
4830	619(T)/93
L/C 4831	444(P)/96
L/C 4832	413(T)/88, 619(T)/93, 444(P)/96
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4843	568(T)/90
L/C 4844	104(T)/94, 105(T)/94, 522(P)/94
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L/C 4847	782(T)/92, 535(P)/98
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4849	103(T)/92, 277(P)/97
L/C 4850	423(P)/94
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4912	358(T)/93, 855(P)/96
L/C 4913	783(P)/94
4920	783(P)/94, 595(T)/95, 711(P)/98, 958(P)/98, 1144(P)/98
4921	582(P)/94, 434(T)/96
4954	195(T)/93, 115(P)/98, 116(P)/98
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5001(INT 405)	761(T)/94
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5049	680(P)/95
5133	163(T)/94
6201	355(P)/92
6212	355(P)/92
6218	355(P)/92, 667(P)/92
6242	610(T)/90
6311	738(P)/96, 751(P)/96
7083	847(P)/89, 1510(P)/98, 1727(P)/98
7371	634(P)/96
7733	1510(P)/98
7740	847(P)/89
7760	1510(P)/98, 1727(P)/98
LC 8007	529(P)/95
L/C 8010	707(T)/93
L/C 8011	105(T)/94
L/C 8014	76(T)/94, 359(T)/94
L/C 8015	47(T)/94, 75(T)/94, 76(T)/94, 678(T)/94
L/C 8047	804(P)/93
L/C 8048	163(T)/94
L/C 8049	76(T)/94

(AMA8035-10-1)

(CCG-H98-050)

***1924 SUMMARY OF TEMPORARY AND PRELIMINARY NOTICES IN EFFECT
SEPTEMBER 25, 1998**

(Revised and promulgated quarterly)
Reference: Notice 1345/98 cancelled.

NOTICE	CHART	LOCALITY AND SUBJECT
(1) MISCELLANEOUS		
342(P)/97	---	Canada - Loran-C lattices on nautical charts.
633(T)/97	----	Canada - Safety of offshore exploration and exploitation vessels.
(2) CANADIAN ARCTIC AND WEST COAST OF GREENLAND		
847(P)/89	7740, 7083	Northwest Territories - Larsen Sound - Boothia Peninsula - Results of surveys.
634(P)/96	7371	Northwest Territories - Ellesmere Island - Alexandra Fiord - Off Skraeling Island - Result of survey.
658(P)/96	----	Northwest Territories - Hay River - Lights and light buoys to be discontinued.
666(P)/96	----	Western Arctic - Great Slave Lake - Curtis Island - Light to be discontinued.
738(P)/96	6311	Northwest Territories - Lake Athabasca - Range lights to be discontinued.
751(P)/96	6311	Northwest Territories - Lake Athabasca - Range lights to be discontinued.

222(P)/97	- - - -	Northwest Territories - Simpson Strait - Spar buoys to be discontinued.
223(P)/97	- - - -	Northwest Territories - McClintock Bay - Spar buoys to be discontinued.
233(P)/97	- - - -	Northwest Territories - Spence Bay - Spar buoys to be discontinued.
328(P)/98	- - - -	Northwest Territories - Fort Chipewyan to Fort McMurray - Changes to the buoyage system - 1998.
1510(P)/98	7760, 7733, 7083	Northwest Territories - Simpson Strait - Rae Strait - Shoal depths.
1727(P)/98	7760, 7083	Northwest Territories - Boothia Peninsula - James Ross Strait - Shoal depths.

(3) HUDSON BAY INCLUDING FOXE CHANNEL, HUDSON STRAIT AND LABRADOR

292(T)/88	4728	Labrador Coast - Lake Melville - Goose Bay Narrows - Off Brûlé Point - Shoal reported - Caution.
591(T)/93	5031	Labrador Coast - St. Mary's Harbour - Wharf under reconstruction - Caution.
804(P)/93	5048, L/C 8047, L/C 4730	Labrador Coast - Off Cape Harrigan - Nanuktok (Farmyard) Islands - Information about depth.
163(T)/94	4703, 5133, 4732, L/C 8048, L/C 4730, L/C 4700, L/C 4001(INT404)	Labrador Coast - East of South Wolf Island - Scientific subsurface mooring established temporarily.
703(T)/94	5031	Labrador Coast - St. Lewis Sound - Battle Harbour - Depth - Submerged wharf in ruins.
761(T)/94	5001(INT 405)	Labrador Coast - Labrador Sea - Current meter established temporarily.
680(P)/95	5049	Labrador Coast - Uyagaksuak Island - Result of survey.
345(P)/96	4702	Labrador Coast - Martin Bay - Result of survey.
687(P)/96	4702, 4703	Labrador Coast - South of Frenchman Island - Result of survey.

(4) BAY OF FUNDY AND ATLANTIC COAST SOUTH TO 40° N., NOVA SCOTIA AND NEWFOUNDLAND

193(T)/87	4587	Newfoundland - Placentia Bay - Mortier Bay - Off Spanish Room Point - Anchor chains stored temporarily - Caution.
323(P)/88	L/C 4624, L/C 4016, L/C 4047	Newfoundland - Placentia Bay - South of Jude Island - Shoal reported.
413(T)/88	L/C 4832	Newfoundland - Fortune Bay - Fortune Harbour - Fortune Barasway - Shoal reported - Caution.
356(P)/90	L/C 4622, L/C 4624, L/C 4016	Newfoundland - Placentia Bay - South of Jude Island - Shoal reported.
568(T)/90	4843, L/C 4817	Newfoundland - St. Mary's Harbour - Graven Beach - Sunken barge - Caution.
55(T)/91	- - - -	Newfoundland - Bonavista Bay - Newman Sound - Wharf under reconstruction - Light discontinued temporarily.
191(T)/91	L/C 4851	Newfoundland - Trinity Bay - Bull Arm - Current meter established temporarily -

Caution.

103(T)/92	4849	Newfoundland - Conception Bay - Harbour Grace - Spires removed temporarily.
474(P)/92	L/C 4118	Nova Scotia - St. Marys Bay - Weymouth Harbour - Results of survey.
782(T)/92	4848, L/C 4847	Newfoundland - Conception Bay - Long Pond - Information concerning breakwater - Caution.
805(P)/92	L/C 4234, L/C 4235, L/C 4227	Nova Scotia - Ecum Secum - Results of survey.
70(P)/93	L/C 4010	Bay of Fundy - Minas Channel - Île Haute - Light relocated.
619(T)/93	4830, L/C 4832, L/C 4016	Newfoundland - Fortune Bay - Sagona Island - Fog signal discontinued temporarily.
649(P)/93	4448, L/C 4462	Cape Breton Island - Port Hood - Port Hood Island - Light to be discontinued.
707(T)/93	L/C 8010, L/C 4001(INT 404)	Off Newfoundland - Current meters established temporarily.
737(P)/93	4637	Newfoundland - The Burgeo Islands - Graley Rock - Shoal reported.
815(P)/93	4142	Bay of Fundy - Saint John River - Newcastle Creek - Lights discontinued - Light established.
47(T)/94	L/C 4520, L/C 8015	Newfoundland - Subsurface mooring established temporarily.
73(P)/94	4124, 4331	Bay of Fundy - Deer Island - Lords Cove - Radar reflector changed.
75(T)/94	L/C 4017, L/C 8015	Off Newfoundland - Subsurface mooring established temporarily.
76(T)/94	L/C 4520, L/C 4017, L/C 8014, L/C 8015, L/C 8049	Off Newfoundland - Subsurface mooring established temporarily.
104(T)/94	L/C 4844	Newfoundland - Renews Harbour - Range light discontinued temporarily.
105(T)/94	L/C 4844, L/C 4817, L/C 4016, L/C 8011, L/C 4047, L/C 4049	Newfoundland - Off Cape Race - Subsurface mooring established temporarily.
108(T)/94	L/C 4016, L/C 4047	Newfoundland - Placentia Bay Approach - Subsurface mooring established temporarily.
236(P)/94	----	Nova Scotia - Cape Breton Island - Bras D'Or Lakes - Cape St. Lawrence to Guyon Island - Review of aids to navigation.
276(P)/94	----	Bay of Fundy - Grand Manan - St. Croix River to Maces Bay - Review of aids to navigation.
350(P)/94	L/C 4010	Bay of Fundy - Off Mosse Island - Light established.
359(T)/94	L/C 4846, L/C 4016, L/C 4017, L/C 8014, L/C 4049	Newfoundland - Off Cape Spear - Subsurface moorings established temporarily.
373(T)/94	4245	Nova Scotia - Yarmouth Harbour - Information about depths in maintain area.
423(P)/94	L/C 4850	Newfoundland - Bay de Verde - Information about light.
459(P)/94	4342, L/C 4340	Bay of Fundy - Grand Manan - Off White Head Island - Information about depth.

461(T)/94	L/C 4235	Nova Scotia - East River - Light buoy established temporarily.
463(P)/94	4635	Newfoundland - Wreck Island - Information about light.
522(P)/94	L/C 4844, L/C 4817	Newfoundland - Trepassy Bay - Portugal Cove - Fog signal repositioned.
594(T)/94	4641, 4635	Newfoundland - Port aux Basques and Approaches - Buoys established temporarily.
613(P)/94	4546	Newfoundland, East Coast - Trinity Bay - Random Sound - Northwest Arm - Off Bottom Bluff - Result of survey.
678(T)/94	LC 4017, LC 8015, LC 4001(INT 404)	Newfoundland, East Coast - Scientific subsurface mooring established temporarily.
717(T)/94	L/C 4235	Nova Scotia - East River - Sheet Harbour - Wreck.
820(T)/94	4201(INT 4634)	Nova Scotia, Southeast Coast - Halifax Harbour - Bedford Basin - Wrights Point - Results of survey.
64(T)/95	4851	Newfoundland, East Coast - Trinity Bay - Bull Arm - Pontoons established temporarily.
181(T)/95	4332, 4331	Bay of Fundy - Passamaquoddy Bay - St. Andrews - Light discontinued temporarily.
192(T)/95	4635, LC 4015, LC 4022	Newfoundland, South Coast - Port aux Basques - Channel Head - Experimental DGPS Reference Station established temporarily.
284(P)/95	- - - -	Bay of Fundy - Saint John River - Aids to navigation to be discontinued.
288(P)/95	- - - -	Bay of Fundy - Saint John River - Aids to navigation to be discontinued.
290(P)/95	- - - -	Bay of Fundy - Saint John River - Aids to navigation to be discontinued.
346(T)/95	4211	Nova Scotia, Southeast Coast - Medway Harbour - Light buoy established temporarily.
384(T)/95	LC 4851, LC 4017	Newfoundland, East Coast - Trinity Bay - Bull Arm - Buoy established temporarily.
420(P)/95	LC 4010	Nova Scotia - Scots Bay - Cape Blominden - Radar reflector.
507(T)/95	4124, 4331	Bay of Fundy - Back Bay - Cailiff Rocks - Light buoy relocated temporarily.
529(P)/95	LC 4098, LC 4099, LC 8007, LC 4013, LC 4045, LC 4003, LC 4001(INT 404), LC 4006, 4000	Nova Scotia, Southeast Coast - Sable Island - Radiobeacon to be discontinued.
534(T)/95	4245	Nova Scotia, Southwest Coast - Yarmouth Harbour - Buoys established temporarily.
553(P)/95	- - - -	Nova Scotia - Northumberland Strait - Little Harbour - Buoys to be discontinued.
623(T)/95	- - - -	Newfoundland - Strait of Belle Isle - Pistolet Bay - Experimental DGPS established temporarily.
690(T)/95	4332, 4331	Bay of Fundy - Passamaquoddy Bay - St. Andrews - Light buoy established temporarily.
734(P)/95	4210, LC 4230	Nova Scotia - Wood's Harbour - Angels Island - Light.

120(P)/96	4637	Newfoundland, Southwest Coast - Burgeo Short Reach - Buoys to be discontinued.
141(T)/96	4381	Nova Scotia, Southeast Coast - Mahone Bay - East Ironbound Island - Light temporarily discontinued.
154(P)/96	4644	Newfoundland, South Coast - Bonne Bay - Results of surveys.
217(P)/96	LC 4118	Bay of Fundy - Grand Passage - Peter Island - Fog signal to be discontinued.
237(T)/96	4394	Nova Scotia, Southeast Coast - LaHave - Crooked Channel - Spar buoy temporarily repositioned.
444(P)/96	LC 4831, LC 4832, LC 4016	Newfoundland, Southeast Coast - Belle Bay - St. Jacques Island - Fog signal to be discontinued.
533(P)/96	4379	Nova Scotia, Southeast Coast - Liverpool Harbour - Off Fort Point - Dredged channel.
748(T)/96	4140	Bay of Fundy - Minas Basin - Approaches to Hantsport - Results of survey.
115(T)/97	- - - -	Northumberland Strait - Navigation Route.
130(P)/97	- - - -	New Brunswick - Changes to the buoyage system - 1997.
239(P)/97	4635	Newfoundland, Southwest Coast - Rose Blanche - Sparbuoy.
277(P)/97	4849	Newfoundland, Southeast Coast - Bonavista Bay - Bonavista Harbour - Results of survey.
291(P)/97	LC 4841, LC 4622	Newfoundland, South Coast - Placentia Bay - Light buoy to be discontinued.
319(P)/97	- - - -	Northumberland Strait - Changes to the buoyage system - 1997.
471(P)/97	- - - -	New Brunswick - Changes to the buoyage system - 1997.
648(P)/97	4278	Cape Breton Island, Atlantic Coast - Great Bras d'Or and St. Patricks Channel - Buoys.
518(P)/98	- - - -	Nova Scotia, Southwest Coast - Yarmouth Sound - Buoys to be discontinued
535(P)/98	LC 4847	Newfoundland, East Coast - Conception Bay - Port de Grave - Breakwater and lights.
765(T)/98	4644	Newfoundland, South Coast - Bay D'Espoir and Roti Bay - Current meters.
768(P)/98	- - - -	Northumberland Strait - Fog signals to be discontinued.
769(P)/98	- - - -	Bay of Fundy - Lights and light buoy to be discontinued.
1105(P)/98	- - - -	New Brunswick - Halifax Harbour - Point Pleasant to Bedford Basin - Buoy to be discontinued.
1149(P)/98	4277, 4278	Cape Breton Island - St. Anns Bay - Great Bras d'Or - St. Andrews Channel - St. Patricks Channel - Aids.
1161(P)/98	- - - -	Northumberland Strait - Richibucto Harbour - Lights to be discontinued.

1507(T)/98	4117	New Brunswick, South Coast - Saint John Harbour - Light changed temporarily.
1550(P)/98	- - - -	New Brunswick - Saint-John - Mactaquac Lake - Buoys to be discontinued.
1551(P)/98	- - - -	Bay of Fundy - Port Greville and Port George - Lights to be discontinued.
1753(P)/98	- - - -	Nova Scotia, Southeast Coast - Coffin Island - Light to be discontinued.
(5) GULF AND RIVER ST. LAWRENCE TO MONTREAL, INCLUDING PRINCE EDWARD ISLAND AND WEST COASTS OF NEWFOUNDLAND AND CAPE BRETON ISLAND		
196(T)/87	1351	Québec - Rivière Richelieu - Customs wharf - Shoal reported.
769(P)/90	4456	Gulf of St. Lawrence - Off Rocher de la Garde - Information about depth.
68(P)/91	1339	Montréal Harbour - Information about shoals.
75(T)/92	1338, 1339	St. Lawrence River - Montréal Harbour - Contrecoeur - Information about shoals.
170(T)/92	1314	St. Lawrence River - Québec Harbour to Trois-Rivières Harbour - Deschailons-sur-Saint-Laurent - Wharf damaged - Docking prohibited - Caution.
347(T)/92	- - - -	Newfoundland - Stephenville Entrance Channel and Turning Basin - Information about shoaling.
433(T)/92	4456	Gulf of St. Lawrence - Îles Mingan - Havre Saint-Charles - Information about reported sandbank.
133(T)/93	1203	St. Lawrence River - Saguenay River - Anse Saint-Jean - Light discontinued temporarily - Wharf damaged - Caution.
195(T)/93	4954	Gulf of St. Lawrence - Îles de la Madeleine - Chenal du Havre de la Grande-Entrée - Information about depths.
358(T)/93	4912	Gulf of St. Lawrence - Miramichi River - Information about depths and channel width restrictions.
632(P)/93	1202	St. Lawrence River - Saguenay River - Baie des Ha!Ha! - Light charted.
636(P)/93	1351	Québec - Rivière Richelieu - Bassin de Chambly - Anemometer tower.
793(P)/93	4469	Gulf of St. Lawrence - Tête-à-la-Baleine - Information about wharf.
845(P)/93	4460	Gulf of St. Lawrence - Prince Edward Island - Charlottetown - Light established.
103(T)/94	4426	Chaleur Bay - Restigouche River - Dalhousie - Results of survey.
240(P)/94	1317	St. Lawrence River - Cap Rouge - Shoal depth.
299(P)/94	L/C 4020	Strait of Belle Isle - Green Island Brook - Light established.
374(T)/94	L/C 4026	St. Lawrence River - Marsoui - Wharf under construction.
582(P)/94	4921	Gulf of St. Lawrence - Chaleur Bay - Côte Nord - L'Anse-à-Beaufils - Breakwater extension.
583(P)/94	L/C 4464, L/C 4022	Cape Breton Island - Pleasant Bay - Light.
612(T)/94	4483	Gulf of St. Lawrence - Caribou Harbour - Results of survey.

783(P)/94	4920, L/C 4913	Gulf of St. Lawrence - Chaleur Bay - Middle Caraquet - Lights to be discontinued.
798(P)/94	L/C 4486	Gulf of St. Lawrence - Chaleur Bay - Anse-Bleue - Range lights to be discontinued.
818(T)/94	4957	Gulf of St. Lawrence - Îles de la Madeleine - Havre-Aubert - Wreck.
65(T)/95	1313	St. Lawrence River - Cap-de-la-Madeleine - Wharf partially closed.
261(T)/95	4430	Gulf of St. Lawrence - Île D'Anticosti - Baie Ellis - Shoal.
348(P)/95	- - - -	Gulf of St. Lawrence - Restigouche River - Buoys to be changed and to be established.
526(P)/95	4437	Gulf of St. Lawrence - Pictou Harbour - Light and breakwater.
595(T)/95	4920	Gulf of St. Lawrence - Chaleur Bay - Bathurst Harbour and Approaches - Shoaling.
65(T)/96	4491	Prince Edward Island - Darnley Basin - Light buoy discontinued temporarily.
306(P)/96	LC 4486	Gulf of St. Lawrence - Chaleur Bay - Jacquet River - Light to be discontinued.
351(P)/96	4483, LC 4405, LC 4404, LC 4023, LC 4013	Gulf of St. Lawrence - Caribou - Fog signal to be discontinued.
364(P)/96	- - - -	Gulf of St. Lawrence - Chaleur Bay - Jacquet River - Light buoy to be discontinued.
433(T)/96	1351	Québec - Rivière Richelieu - Île aux Noix - Shoal reported.
434(T)/96	4921	Chaleur Bay - Grande Rivière - Shoal reported.
690(T)/96	LC 4485, LC 4486	Gulf of St. Lawrence - Chaleur Bay - Marine farm.
855(P)/96	4912	Gulf of St. Lawrence - Miramichi River - Black River - Pier.
859(P)/96	- - - -	Laurentian Region - Changes to the buoyage system - 1997.
129(P)/97	LC 1235	St. Lawrence River - Escoumins - Shoal depths.
131(P)/97	- - - -	Prince Edward Island - Changes to the buoyage system - 1997.
180(P)/97	- - - -	Prince Edward Island - Aids to navigation to be changed.
182(P)/97	- - - -	Prince Edward Island - Changes to the buoyage system - 1997.
221(T)/97	- - - -	St. Lawrence River - Upstream from Sorel - Aids obstructed - Caution.
299(P)/97	1409	St. Lawrence River - Canal de la Rive Sud - Sainte-Catherine and Saint-Lambert - Dredged areas.
430(T)/97	1316	St. Lawrence River - Québec Harbour - Maintained area remains temporarily reduced.
546(T)/97	1315	St. Lawrence River - Neuville - Wharf.
679(P)/97	1314	St. Lawrence River - Portneuf - Shoal depths.
115(P)/98	4954	Gulf of St. Lawrence - Îles de la Madeleine - Grande Entrée - Sector light.
116(P)/98	4954	Gulf of St. Lawrence - Îles de la Madeleine - Shoal depths.

140(P)/98	1233	St. Lawrence River - Cap aux Oies to Sault-aux-Cochons - Île aux Coudres - Shoal depths.
142(T)/98	1310	St. Lawrence River - Montréal Harbour - Île aux Cerfeuil - Submerged obstacle.
144(P)/98	1314	St. Lawrence River - Cap-Santé - Range lights - Beacon.
510(P)/98	1351	Québec - Rivière Richelieu - Île Goyer - Rocks.
517(P)/98	- - - -	Québec - Rivières Richelieu, des Prairies, des Outaouais - Vertical clearances under cables - Caution.
703(P)/98	1233	St. Lawrence River - Île aux Coudres - Shoal depths.
711(P)/98	4920	Gulf of St. Lawrence - Chaleur Bay - Bathurst Harbour and Approaches - Buoys.
719(P)/98	LC 1236	St. Lawrence River - Matane - Depths.
767(P)/98	- - - -	Prince Edward Island - Fog signals to be discontinued.
771(P)/98	- - - -	Cape Breton Island - Enragée Point and Beach Point - Fog signal and light to be discontinued.
772(P)/98	- - - -	Chaleur Bay - Miscou Island - Fog signal to be discontinued.
956(P)/98	- - - -	St. Lawrence River - Thousand Islands, Brockville to Kingston - Buoys and light.
957(P)/98	- - - -	St. Lawrence River - Kingston Harbour and Approaches - Aids to navigation.
958(P)/98	4920	Gulf of St. Lawrence - Shippegan Gully - Buoys.
1122(T)/98	1316	St. Lawrence River - Pointe de la Martinière - Light buoy.
1137(P)/98	1339, 1338	St. Lawrence River - Île Bouchard - Shoal depths.
1140(P)/98	1312, 1338	St. Lawrence River - Lac Saint-Pierre - Sorel - Shoal depths.
1144(P)/98	4920	Chaleur Bay - Bathurst Harbour - Middle River - Lights.
1150(P)/98	1230	St. Lawrence River - Péninsule de la Gaspésie - Cap-Chat - Breakwaters.
1151(P)/98	1339	St. Lawrence River - Varennes - Shoal depths.
1159(P)/98	- - - -	Gulf of St. Lawrence - Miramichi Bay and River - Range lights to be discontinued.
1160(P)/98	- - - -	Gulf of St. Lawrence - Miramichi Bay and River - Range lights to be discontinued.
1746(T)/98	1509	Rivière des Milles-Îles - Laval - Shoal.

(6) ST. LAWRENCE SEAWAY, GREAT LAKES AND THE INLAND LAKES AND RIVERS

826(T)/85	2028	Ontario - Lake Simcoe - Cook's Bay - Maskinongé (Jersey) River Entrance - Light established temporarily.
367(T)/88	2222, 2239, 2202	Lake Huron - Georgian Bay - Midland Bay - Tiffin Basin - Wye River Approach - Shoal reported.

90(T)/90	L/C 2077, 2086	Lake Ontario - Off Long Branch - Temporarily cautionary light discontinued - Cautionary lights established temporarily.
610(T)/90	6242	Manitoba - Red River - Lockport - St. Andrews Lock - Bascule lift non-operational - Caution.
150(T)/91	- - - -	Québec - Rivière des Prairies - Booms established temporarily - Caution.
380(P)/91	2268, 2257, 2299	Lake Huron - North Channel - East of Arnold Rock - Shoal reported.
651(T)/91	2022	Ontario - Trent-Severn Waterway - Rice Lake - South of Birdsalls Point - Light buoy established temporarily.
725(T)/91	2181	Lake Erie - Port Stanley - Information about depths.
769(T)/91	2291	Lake Huron - Goderich Harbour - Results of survey.
811(P)/91	2202	Lake Huron - Georgian Bay - Moon Bay - Information about shoals.
965(T)/91	L/C 2228, 2260	Lake Huron - Grand Bend - St. Joseph - Submerged obstruction reported.
123(P)/92	2202	Lake Huron - Georgian Bay - Parry Island - Off Wynn Island - Shoal depth reported.
186(P)/92	- - - -	Inland Waters - Great Lakes - Lake Huron - St. Mary's River - Lake Superior - Lake of the Woods - Lake Winnipeg - Review of aids to navigation.
214(P)/92	1510	Québec - Lac des Deux Montagnes - Rivière des Prairies - Île Bigras - Information about height of bridge.
355(P)/92	6218, 6212, 6201	Ontario - Lake of the Woods - From Devils Gap to Lunny's Island - Light and spar buoys to be discontinued - Spar buoys to be established.
525(T)/92	2023	Ontario - Trent-Severn Waterway - Otonabee River - Lakefield - Pier under reconstruction - Caution.
563(P)/92	1510	Québec - Ottawa River - Lac des Deux Montagnes - Rivière des Prairies - Plage Noël - Information about new pipeline.
667(P)/92	6218	Ontario - Lake of the Woods - Off Kenora - Spar buoy to be discontinued.
703(T)/92	2251	Lake Huron - St. Joseph Channel - Thessalon - Light discontinued temporarily - Light buoy established temporarily.
812(T)/92	L/C 2122, L/C 2123, L/C 2100	Lake Erie - Pelee Passage - Southeast Shoal - Radiobeacon discontinued temporarily.
172(P)/93	2202	Lake Huron - Georgian Bay - Severn Sound - Information about depths.
481(P)/93	- - - -	St. Lawrence River above Cornwall - Lake Ontario - Bay of Quinte - Review of aids to navigation.
51(P)/94	2304	Lake Superior - Patterson Island - Lawrence Bay - Information about shoal.
53(P)/94	2268, 2259, 2299	Lake Huron - North Channel - Whalesback Channel - Beardrop Harbour - Shoal reported.
54(P)/94	2202	Lake Huron - Georgian Bay - Anker Pint Islet - Moon Bay - Shoals reported.
115(P)/94	L/C 2245, L/C 2201, 2204, 2205	Lake Huron - Georgian Bay - Red Rock Point - Fog signal to be discontinued.
121(P)/94	2181, L/C 2110	Lake Erie - Port Dover - Fog signal to be discontinued.

162(P)/94	L/C 2123	Lake Erie - Pelee Island - Information about fish haven.
175(P)/94	L/C 2228, L/C 2200, 2260	Lake Huron - Grand Bend - Fog signal to be discontinued.
176(P)/94	L/C 2228, L/C 2200, 2260, 2261	Lake Huron - Bayfield - Fog signal to be discontinued.
177(P)/94	2291, L/C 2228, 2261	Lake Huron - Goderich Harbour - Fog signal to be discontinued.
178(P)/94	2291, L/C 2228, L/C 2200, 2261	Lake Huron - Kincardine - Fog signal to be discontinued.
179(P)/94	2292	Lake Huron - Saugeen River - Fog signal to be discontinued.
180(P)/94	2273, 2235, 2298, L/C 2200	Lake Huron - South Baymouth - Fog signal to be discontinued.
182(P)/94	2235, 2282, L/C 2201	Lake Huron - Georgian Bay - Cabot Head - Fog signal to be discontinued.
476(T)/94	L/C 2058, L/C 2077	Lake Ontario - Off Port Darlington - Temporarily scientific spar buoys established.
648(T)/94	- - -	Inland Waters - System reviews.
99(P)/95	- - - -	Lake Superior - Systems review of lightstations.
244(T)/95	2181, LC 2121	Lake Erie - Port Burwell - Light changed temporarily.
312(P)/95	- - - -	Manitoba - Lake Winnipeg - Mukutawa River and Approaches - Lights and buoy to be discontinued.
315(P)/95	- - - -	Manitoba - Lake Winnipeg - Bradbury River - Buoy to be discontinued.
317(P)/95	- - - -	Great Lakes - Lake St. Clair - Chenal Écarté - Range lights to be discontinued.
650(P)/95	2069	Ontario - Bay of Quinte - Trenton - Mooring rafts - Light - Spar buoy.
683(P)/95	2085, 2086, LC 2077	Lake Ontario - Toronto Harbour - Toronto Harbour Aquatic Park - Light and racon to be discontinued.
736(P)/95	2292	Lake Huron - Saugeen River - Light.
739(P)/95	2085, LC 2077, 2086	Lake Ontario - Western Gap - Range lights to be discontinued.
305(P)/96	- - - -	Great Lakes - Detroit River - Amherstburg - Fog signal to be discontinued.
461(P)/96	- - - -	Lake Huron - Georgian Bay - Buoys and beacons.
480(P)/96	- - - -	Lake Superior - Fog signal to be discontinued.
507(P)/96	LC 2123	Great Lakes - Detroit River - Light to be changed.
576(P)/96	- - - -	Ontario - Jay Island - Beacon ranges to be discontinued.
601(P)/96	- - - -	Lake Ontario - Bay of Quinte - Napanee River - Spar buoys to be discontinued.
603(T)/96	2067, 2086, LC 2077	Lake Ontario - Burlington Canal Entrance - Light buoy established temporarily.
747(P)/96	2069, 2021	Lake Ontario - Bay of Quinte - Result of survey.
856(P)/96	- - - -	Lake Erie - Wheatley - Rear range light to be discontinued.
857(P)/96	- - - -	Great Lakes - Detroit River - Livingstone Channel - Light to be altered.

85(P)/97	- - - -	Ontario - Lake Superior - Thunder Bay Harbour and Approaches - Aids to navigation changes - 1997.
93(P)/97	- - - -	Ontario - Lake Temagami - Amendments to the aids to navigation level of service - 1997.
106(P)/97	1409	St. Lawrence Seaway - Canal de la Rive Sud - LaSalle and Île des Soeurs - Buoys.
120(P)/97	1409	St. Lawrence Seaway - Canal de la Rive Sud - Sainte-Catherine - Outfall.
133(P)/97	- - - -	Lake Huron - Cove Island - Light buoy to be discontinued.
136(P)/97	- - - -	Lake Huron - Surprise Shoal - Light buoy to be replaced.
141(P)/97	- - - -	Lake Huron - Campbell Rock - Light buoy to be replaced.
256(P)/97	- - - -	Lake Erie - Amendments to the aids to navigation level of service - 1997.
257(P)/97	- - - -	Lake Ontario - Amendments to the aids to navigation level of service - 1997.
258(P)/97	- - - -	Lake Ontario - Amendments to the aids to navigation level of service - 1997.
259(P)/97	- - - -	Lake Erie - Amendments to the aids to navigation level of service - 1997.
332(P)/97	2202	Lake Huron - Georgian Bay - Port Severn to Parry Sound - Depths.
333(P)/97	2239	Lake Huron - Georgian Bay - Port Severn to Hope Island - Depths.
334(P)/97	2289	Lake Huron - Georgian Bay - Giants Tomb Island to Lone Rock - Depths.
335(P)/97	2289	Lake Huron - Georgian Bay - Giants Tombs Island to Lone Rock - Depths.
336(P)/97	2239	Lake Huron - Georgian Bay - Port Severn to Hope Island - Depths.
361(P)/97	2250	Lake Huron - St. Joseph Channel - Richards Landing - Breakwater.
367(P)/97	LC 2100, LC 2122	Lake Erie - Pointe aux Pins - Light to be changed.
368(P)/97	2251, 2297	Lake Huron - Cockburn Island - Tolsmaville - Light to be discontinued.
369(T)/97	2251, 2297	Lake Huron - Cockburn Island - Light temporarily discontinued.
370(P)/97	- - - -	Lake Ontario - Bay of Quinte - Picton Harbour, Belleville Harbour, Trenton Harbour - Levels of service.
403(P)/97	2239, 2202	Lake Huron - Georgian Bay - Beausoleil Island to Giants Tomb Island - Buoys.
407(T)/97	1510	Québec - Lac des Deux Montagnes - Anse de Vaudreuil - Shoal reported.
439(P)/97	2312	Lake Superior - Nipigon Bay - Lights.
446(P)/97	- - - -	Ontario - Wiarton - DGPS Initial Operational Service (IOS).
450(P)/97	2305, 2303, 2312, 2304	Lake Superior - Nipigon Bay - Jackfish Bay, Simpson Island, MacInnes Point - Lights to be discontinued.
484(P)/97	2054, LC 2058, 2061	Lake Ontario - Cobourg Harbour - Light to be changed.
489(P)/97	- - - -	Lake Ontario - Oshawa Harbour - Changes to the buoyage system - 1997.
490(P)/97	- - - -	Lake Erie - Nanticoke - Changes to the buoyage system - 1997.
491(P)/97	- - - -	Lake Huron - Georgian Bay - Matchedash Bay Approach - Amendments to the aids to navigation level of service - 1997.

527(P)/97	- - - -	Lake Huron - Georgian Bay - Collingwood Harbour - Levels of service.
531(P)/97	1553	Québec - Ottawa River - Desjardinsville - Light.
533(P)/97	2239, 2289	Lake Huron - Georgian Bay - Cognashene By Pass - The Whalesback - Buoys.
593(P)/97	- - - -	Great Lakes , Georgian Bay and St. Lawrence Seaway - Changes to the buoyage system - 1997.
625(P)/97	- - - -	St. Lawrence Seaway - Crysler Park - Spar buoys.
103(P)/98	- - - -	Lake Superior - Fog signals to be privatized.
104(P)/98	- - - -	Lake Erie - Port Colborne - Front range light to be discontinued.
505(P)/98	LC 2123	Lake Erie - Pelee Passage - Buoys to be relocated and discontinued.
506(T)/98	2085, LC 2077, 2086	Lake Ontario - Humber River Entrance - Construction.
723(P)/98	- - - -	Ontario - Kenora - Amendments to the aids to navigation level of service - 1998.
1109(P)/98	- - - -	Lake Ontario - Presqu'île Bay - Buoys and range lights.
1125(P)/98	2069, 2021	Lake Ontario - Bay of Quinte - Trenton - Results of survey.
1148(T)/98	LC 2282	Lake Huron - Georgian Bay - Colpoy's Bay - Barge.
1723(P)/98	2239	Lake Huron - Georgian Bay - Christian Island - Lighthouse Point - Buoy.
1724(P)/98	2215	Lake Huron - Georgian Bay - Collingwood Harbour - Buoys.
1738(P)/98	1553	Ontario - Ottawa River - Lac des Allumettes - Shoal.
(AMA8035-10-1)		(CCG-H98-051)

***1950 NOVA SCOTIA - SHELBURNE - Aids to navigation.**

Reference: Notice 727(P)/96 cancelled.

(AMA8035-10-5-7)

(CCG-H98-061)

***1951 NEW BRUNSWICK - Aids to navigation.**

Reference: Notices 130(P)/97 and 471(P)/97 cancelled.

(AMA8035-10-5-7)

(CCG-H98-062)

***1952 NORTHUMBERLAND STRAIT - Aids to navigation.**

Reference: Notice 319(P)/97 cancelled.

(AMA8035-10-7-6)

(CCG-H98-063)

***1953 GULF OF ST. LAWRENCE - RESTIGOUCHE RIVER - Aids to navigation.**

Reference: Notice 348(P)/95 cancelled.

(AMA8035-10-5-6)

(CCG-H98-064)

***1954 GULF OF ST. LAWRENCE - CHALEUR BAY - JACQUET RIVER - Aid to navigation.**

Reference: Notice 364(P)/96 cancelled.

(AMA8035-10-5-6)

(CCG-H98-065)

***1922(T) CANADA - Safety of offshore exploration and exploitation vessels.**

Reference: Notice 633(T)/97 cancelled.

1998 Annual Edition of Notices to Mariners, No. 20, pages A20-1 to A20-4.

Mariners are advised that offshore exploration and exploitation vessels are conducting drilling operations in the following approximate positions:

Well name	Drilling Unit	Co-ordinates
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Gulf of St. Lawrence

NIL

Mackenzie Delta

NIL

Beaufort Sea

NIL

Yukon

NIL

Arctic Islands

NIL

For information on Nova Scotia or Newfoundland Offshore activities, please contact: C-NSOPB (902)422-5588; C-NOPB (709)778-1400

NOTE: Mariners are advised to obtain up-to-date position reports on drilling vessels and production installations before entering an area of exploration or exploitation. This information is available by contacting, as appropriate, ECAREG CANADA, NORDREG CANADA or CVTS OFFSHORE via any Marine Communications and Traffic Services Centre (MCTS).

(AMA8035-10-17)

(NEB-H98-001)

***1955 LAURENTIAN REGION - Aids to navigation.**

Reference: Notice 859(P)/96 cancelled.

(AMA8035-10-1)

(CCG-H98-066)

***1956 PRINCE EDWARD ISLAND - Aids to navigation.**

Reference: Notices 131(P)/97, 180(P)/97, 182(P)/97 and 187(P)/97 cancelled.

(AMA8035-10-1)

(CCG-H98-067)

***1957 GREAT LAKES - LAKE HUR ON - ST. MARY'S RIVER - LAKE SUPERIOR - LAKE OF THE WOODS - LAKE WINNIPEG - Aids to navigation.**

Reference: Notice 186(P)/92 cancelled.

(AMA8035-10-1)

(CCG-H98-068)

***1958(P) NOVA SCOTIA, SOUTHEAST COAST - GUNNING COVE - Light to be discontinued.**

The Canadian Coast Guard proposes to permanently discontinue the following aid to navigation:

Chart 4209

Gunning Cove (L.L. 361) (43°40'53".3 N 65°20'06".9 W)

Comments on this action are solicited from mariners and other interested parties and should be directed to the Superintendent, Marine Navigation Services, Canadian Coast Guard Fundy Zone, P.O. Box 7730, Station A, Saint John, N.B., E2L 4X6, Telephone (506) 636-4703, within three months from the date of publication of this notice. Any objections raised must state the facts on which they are based and should include supporting information on safety, commerce and public benefit.

(AMA8035-10-7-7)

(CCG-H98-099)

***1943 NORTHWEST TERRITORIES - HAY RIVER - Aids to navigation.**

Reference: Notice 658(P)/96 cancelled.

(AMA8035-10-7-12)

(CCG-H98-054)

***1944 NORTHWEST TERRITORIES - SIMPSON STRAIT - Aids to navigation.**

Reference: Notice 222(P)/97 cancelled.

(AMA8035-10-5-18)

(CCG-H98-055)

***1945 NORTHWEST TERRITORIES - MCCLINTOCK BAY - Aids to navigation.**

Reference: Notice 223(P)/97 cancelled.

(AMA8035-10-5-18)

(CCG-H98-056)

***1946 NORTHWEST TERRITORIES - SPENCE BAY - Aids to navigation.**

Reference: Notice 233(P)/97 cancelled.

(AMA8035-10-5-18)

(CCG-H98-057)

***1947 NOVA SCOTIA - CAPE BRETON ISLAND - BRAS D'OR LAKES - CAPE ST. LAWRENCE TO GUYON ISLAND - Aids to navigation.**

Reference: Notice 236(P)/94 cancelled.

(AMA8035-10-1)

(CCG-H98-058)

***1948 BAY OF FUNDY - SAINT JOHN RIVER - Aids to navigation.**

Reference: Notices 284(P)/95, 288(P)/95 and 290(P)/95 cancelled.

(AMA8035-10-5-7)

(CCG-H98-059)

***1949 NOVA SCOTIA – NORTHUMBERLAND STRAIT - LITTLE HARBOUR - Aids to navigation.**

Reference: Notice 553(P)/95 cancelled.

(AMA8035-10-5-6)

(CCG-H98-060)

***1940(P) ST. LAWRENCE RIVER - ÎLE VERTE - Light to be discontinued.**

The Canadian Coast Guard proposes to permanently discontinue the following aid to navigation.

Chart 1235

Île Verte (East End) (L.L. 1760)(48°03'58".2 N 69°23'08".9 W).

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

(AMA8035-10-7-9)

(CCG-L98-110)

***1941 CANADIAN HYDROGRAPHIC SERVICE - Canadian Tide and Current Tables - 1999.**

The Canadian Tide and Current Tables for 1999 have been published in six volumes.

Volume 1 Atlantic Coast and Bay of Fundy/Côte de l'Atlantique et Baie de Fundy
 Volume 2 Gulf of St. Lawrence/Golfe du Saint-Laurent
 Volume 3 St. Lawrence and Saguenay Rivers/Fleuve Saint-Laurent et Rivière Saguenay
 Volume 4 Arctic and Hudson Bay/L'Arctique et la baie d'Hudson
 Volume 5 Juan de Fuca Strait and Strait of Georgia/Détroits de Juan de Fuca et de Georgia
 Volume 6 Barkley Sound and Discovery Passage to Dixon Passage/Baie Barkley et Passage
 Discovery jusqu'à l'Entrée Dixon

Significant format changes are featured in this year issue:

1. Tide and Current predictions for 1999 are located NEAR THE FRONT OF EACH VOLUME.
2. Tide and Current predictions for the first three months of the year 2000 have been included and are located AT THE BACK OF EACH VOLUME.
3. A new Reference Current Station - Scott Channel, has been added to Volume 6.

(AMA8035-10-35)

(DFO-H98-075)

***1942 CANADA - Swissair airplane crash - Warning.**

Joint Release

The investigative agencies responsible for the investigation into the crash of Swissair Flight wish the public to take notice of the following information.

1. Recovery efforts are continuing at the crash site and surrounding areas. Both the Transportation Safety Board and the Royal Canadian Mounted Police are working cooperatively to determine the cause of the crash and are supported by a number of agencies. There remains a recovery zone surrounding the crash site and entering this area could result in charges against any violator under the Canadian Transportation Accident Investigation and Safety Board Act or the Criminal Code. The unauthorized taking of debris, or other articles from within the recovery zone could result in additional charges. The recovery or exclusion zone will continue until further notice but may be subject change.

For current information on the Recovery Zone, please contact the Regional Operations Center of the Canadian Coast Guard at (902) 426-6030 or 1-800-565-1633.

2. Thus far, the support of the public has been tremendous in assisting the investigators in the recovery of such items. However, some suggestion of a "finders keepers principle" has arisen. In this regard, take notice that the ownership of any debris, valuables and other articles has not been relinquished. The Canada Shipping Act provides that there is a duty upon every person to deliver material to the Receiver of Wreck, who is responsible for the return of such items to their lawful owner. The Receiver of Wreck has dispensed with this delivery requirement at this time on the condition that all materials be turned over to your local detachment of the Royal Canadian Mounted Police, in cases where this is not practical, your local Detachment of the RCMP should be advised of the location of the materials. In this way, any right to regard for the return of such items will be documented. Anyone who retains without legal authority any debris, valuables and other articles could be charged with an indictable offence under the Criminal Code or for an offence pursuant to the Canada Shipping Act. Most of the valuable are identifiable.
3. The debris, remains, and other articles could offer valuable information relating to the cause of the crash and as such may be material evidence. Therefore any unauthorized retention could also result in charges of obstruction pursuant to the Criminal Code.

Your assistance is solicited in reporting the finding of all remains, debris, and other articles to your local detachment of the Royal Canadian Mounted Police.

(AMA8035-10-1)

(CCG-H98-070)

***1960 CANADIAN HYDROGRAPHIC SERVICE - Chart.**

The New Edition of chart 1310 edition date May 28/98 was advertised by Notices to Mariners 1747/98. Notices still affecting this chart are 1335/98 and 1512/98.

(AMA8035-10-35)

(DFO-H98-092)

***1959(P) LAKE HURON - GEORGIAN BAY - Aids to navigation to be changed.**

THE CANADIAN COAST GUARD PROPOSES TO MAKE THE FOLLOWING CHANGES TO THE AIDS TO NAVIGATION
IN LAKE HURON AND GEORGIAN BAY

L.L. #	TYPE	I.D. #	LOCATION	CHART	ACTION	LAT			LONG		
						deg	min	sec	deg	min	sec
780	Fixed		Lake Huron, Goderich	2291	Discontinue	43	44	46.5	81	43	49.9
	Floating	VX1	Lake Huron, Goderich	2291	Discontinue	43	44	49	81	44	05
	Floating	VX2	Lake Huron, Goderich	2291	Discontinue	43	44	42	81	44	04
783	Fixed		Kincardine Front Range	2291	Change to GWR Sector	44	10	42	81	38	38
	Floating	VC3	Lake Huron, Port Elgin	2291	Reposition from	44	26	45.2	81	24	32.4
	Floating	VC3	Lake Huron, Port Elgin	2291	to	44	26	50	81	24	42
	Floating	VC5	Lake Huron, Port Elgin	2291	Discontinue	44	26	43.5	81	24	25.9
	Floating	VC6	Lake Huron, Port Elgin	2291	Discontinue	44	26	42.7	81	24	26.3
	Floating	VJ7	Lake Huron, Southampton	2292	Discontinue	44	30	09	81	22	43
	Floating	VJ8	Lake Huron, Southampton	2292	Discontinue	44	30	06	81	22	44
	Floating	VH11	Lake Huron, Sauble River	2292	Discontinue	44	39	42	81	16	36
	Floating	VH12	Lake Huron, Sauble River	2292	Discontinue	44	39	42	81	16	36
	Floating	VH13	Lake Huron, Sauble River	2292	Discontinue	44	39	42	81	16	36

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	Floating	VH14	Lake Huron, Sauble River	2292	Discontinue	44	39	42	81	16	36
	Floating	VH15	Lake Huron, Sauble River	2292	Discontinue	44	39	42	81	16	36
796.3	Floating	VK	Lake Huron, Stokes Bay	2292	Discontinue	44	56	45	81	28	06
	Floating	VK2	Lake Huron, Stokes Bay	2292	Upgrade to lighted	44	56	50	81	27	08
798.5	Fixed		Lake Huron, Pinetree Hbr.	2292	Change to Flashing Red	44	58	01.3	81	23	25.6
	Floating	TE	Lake Huron, Cape Hurd Ch.	2274	Discontinue	45	13	31.5	81	44	08
	Floating	TE2	Lake Huron, Cape Hurd Ch.	2274	Discontinue	45	13	47	81	43	42
	Floating	TE3	Lake Huron, Cape Hurd Ch.	2274	Discontinue	45	14	04	81	43	30
	Floating	TE5	Lake Huron, Cape Hurd Ch.	2274	Discontinue	45	14	36	81	42	47
	Floating	TE7	Lake Huron, Cape Hurd Ch.	2274	Discontinue	45	15	05	81	42	09
	Floating	TE8	Lake Huron, Cape Hurd Ch.	2274	Discontinue	45	14	59.5	81	41	59.5
	Floating	TE10	Lake Huron, Cape Hurd Ch.	2274	Discontinue	45	15	19	81	41	31
	Floating	J5	Lake Huron, Yeo Island	2235	Discontinue	45	24	09	81	45	56
829	Fixed		Colpoys Bay	2282	Discontinue	44	46	46.8	80	07	22.7
831	Fixed		North Keppel Wharf	2282	Discontinue	44	47	40	80	56	48
833	Fixed		Pyette Point	2282	Discontinue	44	44	13	80	53	18
	Floating	T10	Owen Sound Hbr.	2213	Discontinue	44	35	23	80	56	25.5
842	Fixed		Thornbury Front Range	2201	Change to GWR Sector	44	34	00.2	80	27	02.1
843	Fixed		Thornbury Rear Range	2201	Discontinue	212° 24' 157.3m from front					
	Floating	TT	Geo. Bay, Thornbury	2201	Reposition from	44	34	15	80	26	49
	Floating	TT	Geo. Bay, Thornbury	2201	to	44	34	15	80	26	53
	Floating	TN15	Georgian Bay, Collingwood	2215	Discontinue	44	31	01.7	80	13	30.1
	Floating	TN16	Georgian Bay, Collingwood	2215	Discontinue	44	31	01.7	80	13	33.2
	Floating	TN24	Georgian Bay, Collingwood	2215	Discontinue	44	30	33.2	80	13	23
	Floating	TN26	Georgian Bay, Collingwood	2215	Reposition from	44	30	30.4	80	13	18.2
	Floating	TN26	Georgian Bay, Collingwood	2215	to	44	30	30	80	13	20
	Floating	TN28	Georgian Bay, Collingwood	2215	Discontinue	44	30	25.7	80	13	12
847	Fixed		Fisherman Point Front Range	2215	Discontinue	44	30	29.8	80	12	36
848	Fixed		Fisherman Point Rear Range	2215	Discontinue	149 deg 29 min 1012.4 m from front					
	Floating	TX1	Georgian Bay, Wasaga Beach	2201	Discontinue	44	32	06	80	00	30
	Floating	TX2	Georgian Bay, Wasaga Beach	2201	Discontinue	44	32	06	80	00	30
	Floating	TX3	Georgian Bay, Wasaga Beach	2201	Discontinue	44	32	06	80	00	30
	Floating	TX4	Georgian Bay, Wasaga Beach	2201	Discontinue	44	32	06	80	00	30
	Floating	TX5	Georgian Bay, Wasaga Beach	2201	Discontinue	44	32	06	80	00	30
	Floating	TX6	Georgian Bay, Wasaga Beach	2201	Discontinue	44	32	06	80	00	30
	Floating	TX7	Georgian Bay, Wasaga Beach	2201	Discontinue	44	32	06	80	00	30
	Floating	TX8	Georgian Bay, Wasaga Beach	2201	Discontinue	44	32	06	80	00	30
856	Floating	M2	Lottie Wolf Rock	2239	Downgrade to Unlighted	44	55	45	80	10	24.5
861	Floating	M8	Brebeuf- McNiccol Lt. Buoy	2239	Discontinue	44	52	30	79	55	06
	Floating	M17	Georgian Bay, Midland Ch.	2239	Discontinue	44	47	27	79	50	51
877	Fixed		Penetang North Wharf	2218	Discontinue	44	46	27	79	56	24
	Floating	ME5	Georgian Bay, Penetang Hbr.	2218	Discontinue	44	47	57	79	56	16
890	Fixed		Georgian Bay, Waubauskene	2202	Discontinue	44	45	43.5	79	42	24
891	Fixed		Georgian Bay, Waubauskene	2202	Discontinue	092° 117.3m from front					
892	Fixed		Georgian Bay, Waubauskene	2202	Discontinue	44	45	37	79	42	20.3
893	Fixed		Georgian Bay, Waubauskene	2202	Discontinue	111° 30' 443.5m from front					
	Floating	MC57	Geo. Bay, Matchedash Bay	2202	Discontinue	44	45	24	79	41	45
	Floating	MC59	Geo. Bay, Matchedash Bay	2202	Discontinue	44	45	24	79	41	45
	Floating	MC60	Geo. Bay, Matchedash Bay	2202	Discontinue	44	45	24	79	41	45
	Floating	MC62	Geo. Bay, Matchedash Bay	2202	Discontinue	44	45	24	79	41	45

	Floating	MC64	Geo. Bay, Matchedash Bay	2202	Discontinue	44	45	24	79	41	45
	Floating	MD3	Georgian Bay, Tiffin Basin	2222	Discontinue	44	45	06	79	51	35.6
	Floating	MD7	Georgian Bay, Tiffin Basin	2222	Discontinue	44	44	52.8	79	51	28
	Floating	MD9	Georgian Bay, Tiffin Basin	2222	Discontinue	44	44	47	79	51	19.5
	Floating	MD10	Georgian Bay, Tiffin Basin	2222	Discontinue	44	44	46.5	79	51	19
	Floating	MD11	Georgian Bay, Tiffin Basin	2222	Discontinue	44	44	47.5	79	51	16
	Floating	MD12	Georgian Bay, Tiffin Basin	2222	Discontinue	44	44	46.3	79	51	16.5
	Floating	MD14	Georgian Bay, Tiffin Basin	2222	Discontinue	44	44	46.1	79	51	15
	Floating	MD15	Georgian Bay, Wye River	2222	Discontinue	44	44	34	79	51	00
	Floating	MD16	Georgian Bay, Wye River	2222	Discontinue	44	44	34	79	51	00
	Floating	MD18	Georgian Bay, Wye River	2222	Discontinue	44	44	34	79	51	00
	Floating	MD19	Georgian Bay, Wye River	2222	Discontinue	44	44	34	79	51	00
	Floating	MD20	Georgian Bay, Wye River	2222	Discontinue	44	44	34	79	51	00
	Floating	MD21	Georgian Bay, Wye River	2222	Discontinue	44	44	34	79	51	00
	Floating	MD22	Georgian Bay, Wye River	2222	Discontinue	44	44	34	79	51	00
	Floating	CC1	Geo. Bay, Cognashene	2202	Discontinue	44	56	34.5	79	55	47
	Floating	CC2	Geo. Bay, Cognashene	2202	Discontinue	44	56	35.5	79	55	46
	Floating	CR2	Geo. Bay, Go Home Bay	2202	Discontinue	44	59	29.5	79	57	14
	Floating	CM1	Geo. Bay, Sheep Head Bay	2202	Discontinue	45	10	45	80	06	57.5
	Floating	CS16	Geo. Bay, Waubuno Channel	2202	Reposition from	45	17	19	80	14	22
	Floating	CS16	Geo. Bay, Waubuno Channel	2202	to	45	17	37	80	13	59
	Floating	CS24	Geo. Bay, Rose Island	2202	Discontinue	45	19	14	80	14	38
	Floating	CS26	Geo. Bay, Rose Island	2202	Discontinue	45	19	34.5	80	14	11
	Fixed		Geo. Bay, Rose Island	2202	Establish Starbord Bn.	45	19	27	80	14	07
	Floating	P3	Geo. Bay, Parry Sound Ch.	2225	Discontinue	45	21	06	80	26	05
	Floating	P4	Geo. Bay, Parry Sound Ch.	2225	Discontinue	45	20	46.8	80	24	15
	Floating	P5	Geo. Bay, Parry Sound Ch.	2225	Discontinue	45	21	16.5	80	24	09
	Floating	P21	Geo. Bay, Parry Sound Ch.	2225	Discontinue	45	20	23	80	19	19
944	Fixed		Pointe au Baril Station	2203	Discontinue	45	35	42.4	80	22	43.9
	Floating	H4	Geo. Bay, Britt Channel	2293	Discontinue	45	44	13	80	43	05
	Floating	H14	Geo. Bay, Britt Channel	2293	Discontinue	45	44	34	80	40	38.5
	Floating	H20	Geo. Bay, Britt Channel	2293	Discontinue	45	44	55	80	39	29
	Floating	D72	Geo. Bay, Britt Channel	2293	Discontinue	45	53	49	80	53	04
965	Fixed		Bustard Rocks N. E. Fr. Rg.	2204	Discontinue	45	53	29	80	57	06
966	Fixed		Bustard Rocks N.E. Rr. Rg.	2204	Change to Fl.	221° 66.7m from front					
967	Fixed		Bustard Rocks Front Range	2204	Discontinue	45	53	29.6	80	57	11
967.1	Fixed		Bustard Rocks Rear Range	2204	Discontinue	077° 58.8m from front					
968	Fixed		French River Inner Fr. Rg.	2204	Change to Fl.	45	56	20	80	54	16
969	Fixed		French River Inner Rr. Rg.	2204	Discontinue	026° 1524m from front					
	Fixed		Geo. Bay, Borrion Rock	2204	Establish Port Beacon	45	55	28	80	54	44
	Fixed		Geo. Bay, Cherokee Rocks	2204	Establish Port Beacon	45	55	49	80	54	23
	Floating	DC2	Geo. Bay, McLean Shoal	2204	Discontinue	45	54	48	80	55	11
	Floating	DA53	Geo. Bay, McLean Shoal	2204	Establish Green Buoy	45	54	48	80	55	11
	Floating	DJ	Geo. Bay, Bustard Islands	2204	Reposition from	45	52	59.5	81	00	00
	Floating	DJ	Geo. Bay, Bustard Islands	2204	to	45	53	20	80	59	50
	Floating	DH	Geo. Bay, Bustard Islands	2204	Discontinue	45	53	54.5	80	59	35.5
	Floating	D80/2	Geo. Bay, Bustard Islands	2204	Establish	45	53	29	81	01	09
	Floating	D99	Geo. Bay, Beaverstone Bay	2204	Discontinue	45	59	45	81	09	28.5
	Floating	D100	Geo. Bay, Beaverstone Bay	2204	Discontinue	45	59	44.5	81	09	26
	Floating	D103	Geo. Bay, Beaverstone Bay	2204	Discontinue	45	59	54	81	09	23.5

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	Floating	D104	Geo. Bay, Beaverstone Bay	2204	Discontinue	45	59	54	81	09	22
	Floating	E6	Geo. Bay, Killarney	2205	Discontinue	45	58	29	81	31	34
	Floating	E8	Geo. Bay, Killarney	2205	Discontinue	45	58	36	81	31	46
977	Fixed		Lobster Point	2205	Discontinue	45	58	47.8	81	30	54.8
	Floating	EC1	Geo. Bay, Linter Rock	2205	Discontinue	45	57	04	81	33	53
	Floating	EH1	Geo. Bay, Entrance to Baie Fine	2205	Discontinue	46	00	29	81	40	38
986	Fixed		Badgeley Island Fr. Rg.	2205	Discontinue	45	55	35	81	36	43
987	Fixed		Badgeley Island Rr. Rg.	2205	Discontinue	072°30' 548.6m from front					
992	Fixed		Sheguindah Fr. Rg	2205	Discontinue	45	53	41	81	54	55
993	Fixed		Sheguindah Rr. Rg	2205	Change to FIR	261°30' 274.3m from front					
995	Floating	J19	Caron Reef Light Buoy	2294	Downgrade to unlighted	45	57	52.2	81	50	15.5
	Floating	J26	Little Current	2294	Reposition from	45	58	26	81	53	50.5
	Floating	J26	Little Current	2294	to	45	58	21	81	53	46
	Floating	J27	Little Current	2294	Discontinue	45	58	31.2	81	54	04
	Floating	J30	Little Current	2294	Discontinue	45	58	35	81	54	08
	Floating	J47	Little Current	2294	Discontinue	45	59	15	81	55	50.5
	Floating	J54	Little Current	2294	Reposition from	45	59	30.5	81	56	33
	Floating	J54	Little Current	2294	to	45	59	29.5	81	56	31
1007	Floating	J56	Picnic Island Light Buoy	2294	Downgrade to unlighted	45	59	33	81	56	44
	Floating	J58	Little Current	2294	Discontinue	45	59	32.5	81	56	54
	Floating	J60	Little Current	2294	Reposition from	45	59	32	81	57	02
	Floating	J60	Little Current	2294	to	45	59	32.5	81	57	07
1011	Floating	J71	Logan Reef Light Buoy	2252	Downgrade to unlighted	46	02	00	82	11	10
1016	Fixed		Beverly Island	2257	Discontinue	45	59	59.6	82	14	59.7
	Floating	JN1	North Channel, Beverly Island	2257	Discontinue	45	59	54	82	14	50
1021	Floating	J74	Innes Island	2257	Discontinue	46	02	07	82	21	11
	Floating	JK3	North Channel, Batture Island	2299	Discontinue	45	57	40	83	03	14
	Floating	U17	North Ch. Whalesback Ch.	2257	Discontinue	46	09	11	82	31	45
	Floating	U27	North Ch. Whalesback Ch.	2259	Discontinue	46	08	54.8	82	38	48
	Floating	U29	North Ch. Whalesback Ch.	2259	Discontinue	46	08	41	82	40	04
	Floating	UD1	North Channel, Aird Bay	2257	Discontinue	46	10	05	82	29	41
	Floating	UD2	North Channel, Aird Bay	2257	Discontinue	46	09	48	82	28	48
	Floating	UD3	North Channel, Aird Bay	2257	Discontinue	46	10	43	82	28	31
	Floating	UM2	North Channel, Michels Ground	2259	Discontinue	46	06	27	82	49	57
1024	Fixed		Gore Bay Front Range	2257	Discontinue	45	54	49.7	82	27	35
1025	Fixed		Gore Bay Rear Range	2257	Discontinue	189°09' 266.5m from front					
	Floating	JE3	North Channel, Gore Bay	2257	Discontinue	45	55	08	82	27	33
	Floating	KA2	North Channel, Thessalon	2251	Discontinue	46	15	13	83	32	57
1051	Fixed		Bruce Mines Wharf	2250	Discontinue	46	17	49.8	83	47	23.7
	Floating	KH9	North Channel, Bruce Mines	2250	Discontinue	46	17	19	83	46	59
	Floating	K20	St. Josephs Channel	2250	Discontinue	46	18	10	84	01	12
	Floating	KE2	Lake Huron, North Channel	2251	Upgrade to lighted	46	08	02	83	45	49
1039	Floating	KE3	North Seine Island	2251	Discontinue	46	07	45	83	46	30
1040	Floating	KE4	O'Donnell Bank	2251	Downgrade to unlighted	46	07	58	83	46	18
	Floating	QY20	Sugar Island Channel	14883	Discontinue	46	30	00	84	15	37
	Floating	Q24	St. Marys River	14883	Discontinue	46	15	51.5	84	06	22.5

Comments on this action are solicited from mariners and other interested parties and should be directed to the Supervisor, Marine Aids Program, P.O. Box 310, 28 Waubeeck St., Parry Sound, Ontario, P2A 2X4, Telephone (705) 746-2196, Facsimile (705) 746-

4820 within three months of publication of this notice. Any objections should state the facts on which they are based and should include information on safety, commerce and public benefit to support their statement.

(AMA8035-10-7-12)

(CCG-H98-100)

***1921 NEWFOUNDLAND - BONAVIDA BAY - Light and patch.**

Charts (Last correction) - 4849(Plan,Bonavista Harbour)(NAD 83)(1)(1906/98) - 4854(NAD 83)(2)
(New Chart, April/97)

Reference: Notice 277(P)/97 cancelled.

- | | | |
|----------|------------------|----------------------------------|
| 1. Affix | Patch | 48°39'00" N 53°07'00" W (approx) |
| 2. Amend | FI R to read Q R | 48 38 57 N 53 07 05 W |

NOTE: Digital data products 4849R/M, 4854R/M, 76310(4849), 76340(4854), 76398(4849), 76405(4849), 76408(4849), 76415(4849) and 76416(4849) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-7-2)

(CCG-N98-010, DFO-H98-083)

***1906 NEWFOUNDLAND, SOUTHEAST COAST - CONCEPTION BAY - CATALINA HARBOUR, PORT DE GRAVE, HARBOUR GRACE AND CARBONEAR - SAINT JOHN'S HARBOUR - Light, buoys and wreck.**

Charts (Last correction) - 4849(Inset, CatalinaHarbour)(NAD 83)(1,2)(971/98) - 4849(Plan,Harbour Grace and/et Carbonear)(NAD 83)(5)(971/98) - LC 4847(NAD 83)(4-7)(972/98) - LC 4847 (Inset, Port de Grave)(NAD 83)(3,4)(972/98) - LC 4850(NAD 83)(6,7)(699/97) - LC 4846 (NAD 83)(7)(551/96) - LC 4846(Inset, St. John'sHarbour)(NAD 83)(8,9)(551/96) - LC 4017 (NAD 27)(6)(300/97) - LC 8014(NAD 27)(6)(300/97)

Reference: Notice 535(P)/98.

- | | | |
|-----------|---|---------------------------|
| 1. Delete | red spar buoy TC8 | 48°30'48" N 53°04'15".4 W |
| 2. Delete | red spar buoy TC12 | 48 30 54.8 N 53 04 11.4 W |
| 3. Add | red spar buoy, marked CP4 | 47 35 05 N 53 12 30 W |
| 4. Add | light FI G | 47 35 03 N 53 12 47 W |
| 5. Add | red and white fairway light buoy Mo(A), marked CG | 47 44 06 N 53 07 42 W |
| 6. Add | non-dangerous wreck, depth unknown | 47 50 21 N 52 55 54 W |
| 7. Add | green light buoy FI G, marked MSF3 | 47 48 44.5 N 52 46 01.5 W |
| 8. Add | red lighted spar buoy Q R, marked S2 | 47 33 58.8 N 52 40 59.4 W |
| 9. Amend | S2 to read S4 against red light buoy | 47 33 59.5 N 52 41 16.7 W |

NOTE: Digital data products 4017R/M, 4846R/M, 4847R/M, 4849R/M, 4850R/M, 8014R/M, 76015(4846), 76092(4017), 76120(4847), 76124(4847), 76146(4850), 76386(4846) and 76405(4849) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-2)

(CCG-N98-059,011,077,115,133,161,169,170, DFO-A98-042)

***1915 NEWFOUNDLAND, SOUTH COAST - ST MARY'S BAY - Buoys.**

Chart (Last correction) - 4843(1,2)(797/91) - 4843(Inset, St Mary's Harbour and Adjacent Anchorages et Mouillages Adjacents)(1,2)(797/91)

1. Add red lighted spar buoy FI R, marked 46°57'39" N 53°31'41" W
MH4

2. Add red lighted spar buoy FI R, marked 46 57 51 N 53 31 41 W
MH6

NOTE: Digital data product 4843R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-2)

(CCG-N98-145, 146, DFO-A98-039)

***1918 NEWFOUNDLAND, NORTHEAST COAST - BONA VISTA BAY - Chart amendments.**

Charts (Last correction) - LC 4017(NAD 27)(1-3)(1906/98) - LC 4520(4,5)(551/97)

Reference: Notice 701/97.

1. Add Chart/Carte 4855 48°43'30" N 53°41'00" W (approx)

2. Amend Chart/Carte 4562 to read 48 39 30 N 52 51 30 W (approx)
Chart/Carte 4854

3. Amend Chart/Carte 4562 to read 48 55 15 N 53 06 00 W (approx)
Chart/Carte 4854

4. Delete limit and reference to chart 4562 49 00 50 N 52 48 30 W (approx)

5. Delete reference to chart 4562 48 37 45 N 53 31 30 W (approx)

NOTE: Digital data products 4017R/M, 4520R/M and 76092(4017) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-H98-080)

***1909 NEWFOUNDLAND, SOUTHEAST COAST - TRINITY BAY - TICKLE BAY - THE GUT AND CHANCE COVE - Buoys.**

Chart (Last correction) - LC 4851(NAD 83)(1-3)(1539/98)

1. Add red lighted spar buoy FI R, marked 47°38'19".3 N 53°44'47".1 W
TG6

2. Add green light buoy FI G, marked TB1 47 40 52.8 N 53 48 26.6 W

3. Add green lighted spar buoy Q G, 47 40 48.7 N 53 49 10.8 W
marked TB3

NOTE: Digital data products 4851R/M and 76153(4851) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-2)

(CCG-N98-208, 209, 210, DFO-A98-047)

***1901 NEWFOUNDLAND, NORTHEAST COAST - BAY OF EXPLOITS - SALT WATER POND AND BRIDGEPORT ROCK - Buoys and light.**

Chart (Last correction) - 4598(1-3)(763/96)

- | | | |
|--------|----------------------------------|------------------------------------|
| 1. Add | light FI R | 49°34'01".8 N 54°53'37".8 W |
| 2. Add | Channel Buoyed | 49 34 06.6 N 54 53 31.8 W (approx) |
| 3. Add | red light buoy FI R, marked DBP2 | 49 32 23.4 N 54 53 22.2 W |

NOTE: Digital data product 4598R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-7-2)

(CCG-N98-045, 060-062, 172)

***1914 NEWFOUNDLAND, SOUTH COAST - PLACENTIA BAY - LITTLE BURIN ISLAND - Chart amendment.**

Chart (Last correction) - LC 4624(1,2)(1531/98)

Reference: Notice 1531/98.

On certain copies.

- | | | |
|-----------|------------------------|---------------------------|
| 1. Delete | Fog Sig 30s | 46°58'49" N 55°11'29".5 W |
| 2. Amend | Oc 6s 85ft to read LFI | 46 58 49 N 55 11 29.5 W |

NOTE: Digital data products 4624R/M and 76176(4624) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-H98-079)

***1912 NEWFOUNDLAND, SOUTHEAST COAST - FORTUNE BAY - Aid changes.**

Charts (Last correction) - 4830(3)(177/91) - LC 4831(NAD 83)(1-4)(191/97) - LC 4832 (NAD 83)(3-6)(191/97)

- | | | |
|--------|---|-------------------------|
| 1. Add | light F R | 47°40'48" N 55°25'48" W |
| 2. Add | green spar buoy, marked VD5 | 47 35 46.8 N 55 25 00 W |
| 3. Add | green light and whistle buoy FI G, WHIS, marked VB9 | 47 23 42 N 55 35 21 W |
| 4. Add | red light and bell buoy FI R, BELL, | 47 23 24 N 55 18 17.4 W |

marked VFC6

- | | | |
|----------|---|---------------------------|
| 5. Amend | Fl 3s 8m 6M to read Fl R 3s 8m 6M | 47 14 10 N 55 21 30.4 W |
| 6. Add | red and white fairway light and bell buoy Mo(A), marked VFD | 47 15 17.4 N 55 23 18.6 W |

NOTE: Digital data products 4830R/M, 4831R/M, 4832R/M and 76233(4832) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-7-2)

(CCG-N98-042,104,105,125,148,149, DFO-A98-051)

***1938 NEWFOUNDLAND - LABRADOR - ALEXIS BAY - Buoys.**

Chart (Last correction) - 5179(Compartment, Alexis Bay)(1-5)(505/97)

- | | | |
|--------|--|---------------------------|
| 1. Add | green lighted spar buoy Fl G, marked NA1.5 | 52°32'36" N 56°02'51".6 W |
| 2. Add | green lighted spar buoy Fl G, marked NW7 | 52 33 48 N 55 52 54 W |
| 3. Add | green lighted spar buoy Fl G, marked NA1 | 52 31 42.6 N 55 51 25.8 W |
| 4. Add | green lighted spar buoy Q G, marked NA1.3 | 52 32 12 N 55 59 42 W |
| 5. Add | red lighted spar buoy Fl R, marked NMM2 | 52 29 58.8 N 55 44 12 W |

(AMA8035-10-5-2)

(CCG-N97-086,089, N98-251,314,316, DFO-H98-087)

***1934 GULF OF ST. LAWRENCE, NORTH SHORE - RIVIÈRE SAINT-PAUL - Outfall.**

Chart (Last correction) - 4471(NAD 27)(1)(1933/98)

- | | | |
|--------|---------|--|
| 1. Add | outfall | joining 51°28'02".7 N 57°42'46" W
and 51 28 03.3 N 57 42 37.6 W |
|--------|---------|--|

NOTE: Digital data product 4471R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-121)

***1933 GULF OF ST. LAWRENCE, NORTH SHORE - VIEUX-FORT - Wharf.**

Chart (Last correction) - 4471(NAD 27)(1)(1932/98)

- | | | |
|--------|----|--------------------------------------|
| 1. Add | Ru | 51°25'16".5 N 57°48'52".5 W (approx) |
|--------|----|--------------------------------------|

NOTE: Digital data product 4471R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-119)

***1932 GULF OF ST. LAWRENCE, NORTH SHORE - VIEUX-FORT - Outfall.**

Chart (Last correction) - 4471(NAD 27)(1)(762/96)

1. Add	outfall	joining	51°25'21".6 N	57°49'47".5 W
		and	51 25 18.5 N	57 49 38.2 W

NOTE: Digital data product 4471R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-109)

***1904 NEWFOUNDLAND, SOUTH COAST - GRAND BRUIT - Light and buoys.**

Charts (Last correction) - 4634(1,2)(518/97) - 4634(Inset, Grand Bruit Harbor)(1,3)(518/97) - L/C 4015(4)(NAD 27)(1304/98)

1. Add	light FI R	47°39'58" N	58°13'39" W
2. Add	green light buoy FI G, marked QU3	47 38 43.2 N	58 11 00 W
3. Add	red lighted spar buoy Q R, marked QU4	47 39 49.8 N	58 13 32 W
4. Add	light FI R	47 40 12 N	58 13 31 W

NOTE: Digital data products 4634R/M, 4015R/M and 76284(4015) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-2)

(CCG-N98-005, 038, 082, 168;DFO-H98-075)

***1903 NEWFOUNDLAND, WEST COAST - CODROY HARBOUR - Buoys.**

Chart (Last correction) - 4682(1-6)(349/95) - 4682(Inset,Codroy Harbour)(1-6)(349/95)

1. Delete	green spar buoy XY1	47°52'39".2 N	59°23'51".3 W
2. Delete	red light buoy XY2	47 52 41.5 N	59 23 50.4 W
3. Add	green lighted spar buoy FI G, marked XY1	47 52 34 N	59 23 47 W
4. Add	red spar buoy, marked XY2	47 52 35 N	59 23 44 W
5. Add	green spar buoy, marked XY3	47 52 41.5 N	59 23 49 W
6. Add	red light buoy FI R, marked XY4	47 52 43 N	59 23 46.3 W

NOTE: Digital data product 4682R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-2)

(CCG-N98-166, 167, 187, 188;DFO-H98-074)

***1917 CAPE BRETON ISLAND, ATLANTIC COAST - APPROACHES TO GREAT BRAS D'OR - Aid changes.**

Chart (Last correction) - LC 4367(U.S. Standard)(1-6)(701/98)

1. Reposition	green light and bell buoy Q1	from	46°19'02" N	60°23'10".5 W
		to	46 19 06.3 N	60 23 15.9 W
2. Reposition	red light buoy Q2	from	46 18 58.5 N	60 23 19.5 W
		to	46 19 05.4 N	60 23 21.7 W
3. Delete	green light buoy Q3		46 18 40 N	60 23 37 W
4. Delete	red light buoy Q4		46 18 22 N	60 24 01 W
5. Delete	red light buoy Q6		46 17 54 N	60 24 24 W
6. Delete	sector light		46°17'35".2 N	60°25'07".8 W

NOTE: Digital data products 4367R/M and 76093(4367) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value AddedRemarketers (VAR) for updates.

(AMA8035-10-5-6)

(CCG-G97-027A, 028, 169, DFO-A98-035)

***1916 GULF OF ST. LAWRENCE - CARIBOU HARBOUR - Results of survey.**

Chart (Last correction) - 4483(NAD 27)(2-7)(553/97) - 4483(Inset, Caribou Ferry Terminal/Terminal du Traversier)(NAD 27)(1)(553/97)

1. Affix	patch		45°44'20" N	62°41'15" W (approx)
2. Delete	dolphin		45 44 22.3 N	62 41 16.5 W
3. Delete	dolphin		close northeast of (2)	
4. Add	3 feet		45 44 28.4 N	62 41 20.1 W
5. Delete	6 feet		close southward of (4)	
6. Add	1 foot		45 44 22.4 N	62 41 24.1 W
7. Delete	5 feet		close southwest of (6)	

NOTE: Digital data product 4483R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value AddedRemarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-A98-073)

***1913 NORTHUMBERLAND STRAIT - WEST OF BORDEN - Prohibited anchorage.**

Chart (Last correction) - LC 4406(NAD 83)(1,2)(NewEdn., Feb./98)

1. Add	prohibited anchorage		46°17'42" N	63°48'54" W
--------	----------------------	--	-------------	-------------

2. Add prohibited anchorage 46 13 12 N 63 54 06 W

NOTE: Digital data products 4406R/M and 76178(4406) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-H98-078)

***1928 GULF OF ST. LAWRENCE - CHALEUR BAY - L'ANSE-À-BEAUFILS - Chart amendment.**

Chart (Last correction) - 4921(Plan,L'Anse-à-Beaufils)(NAD 83)(1)(1736/98)

Reference: Notice 1337/98 paragraph 3.

On certain copies.

1. Reposition green light buoy AF-3 from 48°28'18".3 N 64°18'20".1 W
to 48 28 18.5 N 64 18 17.6 W

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

(AMA8035-10-35)

(DFO-Q98-115)

***1936 GULF OF ST. LAWRENCE - ÎLE D'ANTICOSTI - BAIE ELLIS - Non-existing shoal.**

Chart (Which was temporarily affected) - 4430(Plan,Baie Ellis)

Reference: Notice 261(T)/95 cancelled.

NOTE: Digital data product 4430R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-120)

***1920 GULF OF ST. LAWRENCE - CHALEUR BAY - MIDDLE CARAQUET - Lights remain in service.**

Chart (Which was to be affected) - LC 4913(NAD 83)

Reference: Notice 783(P)/94 cancelled.

NOTE: Digital data products 4913R/M, 76275(4913) and 76276(4913) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-H98-082)

***1931 ST. LAWRENCE RIVER - MARSOUÏ - Wharf.**

Chart (Last correction) - LC 4026(NAD 27)(1,2)(710/98)

- | | | | |
|-----------|-------|---------|--|
| 1. Delete | jetty | joining | 49°13'04" N 66°04'00" W (approx)
49 13 10 N 66 04 06 W (approx)
and 49 13 15 N 66 04 03 W (approx) |
| 2. Delete | Ru | | 49 13 30 N 66 04 12 W (approx) |

NOTE: Digital data products 4026R/M and 79044(4026) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-117)

*1905 ST. LAWRENCE RIVER - MARSOUÏ - Wharf reconstruction completed.

Chart (Which was temporarily affected) - LC 4026(NAD 27)

Reference: Notice 374(T)/94 cancelled.

(AMA8035-10-35)

(DFO-Q98-111)

*1910 ST. LAWRENCE RIVER - BAIE DES SEPT-ÎLES - Depths.

Charts (Last correction) - 1220(NAD 83)(1-6)(496/97) - LC 1221(NAD 27)(7)(742/98)

- | | | |
|------------|---|-----------------------------|
| 1. Replace | 8 metres 8 decimetres with
8 metres 4 decimetres | 50°08'34".2 N 66°20'58".7 W |
| 2. Delete | 13 metres 4 decimetres | 50°08'33".2 N 66°21'05".8 W |
| 3. Add | 9 metres 9 decimetres | 50 08 31.8 N 66 21 06 W |
| 4. Add | 15 metres | 50 08 28.8 N 66 20 49.3 W |
| 5. Delete | 26 metres | 50 08 17.6 N 66 20 47.9 W |
| 6. Add | 19 metres | 50 08 16 N 66 20 46.1 W |
| 7. Replace | 8 metres 8 decimetres with
8 metres 4 decimetres | 50 08 34 N 66 21 00.8 W |

NOTE: Digital data products 1220R/M, 1221R/M and 79006(1220) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-113)

1908 UNITED STATES, EAST COAST - GULF OF MAINE - Unexploded ordnance.

Chart (Last correction) - LC 4003(NAD 27)(1)(954/98)

- | | | |
|--------|---------------------|----------------------------------|
| 1. Add | note Reprd 1998 PA, | 42°40'00" N 68°59'00" W (approx) |
|--------|---------------------|----------------------------------|

DANGER
Unexploded ordnance/

Explosifs non éclatés

NOTE: Digital data products 4003R/M and 76140(4003) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-2)

(US-W98-018)

***1923 ST. LAWRENCE RIVER - LAC SAINT-PIERRE - ÎLE DU MITAN - Buoy.**

Chart (Last correction) - 1312(NAD 83)(1)(1521/98)

1. Delete red cylindrical buoy, Priv 46°02'44".1 N 73°10'35".5 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.

(AMA8035-10-35)

(DFO-Q98-123)

***1929 QUÉBEC - RIVIÈRE RICHELIEU - SAINT-JEAN-SUR-RICHELIEU - Marina.**

Chart - 1351(Sheet 2)(NAD 27)(1,2)

1. Delete marina symbol 45°17'14" N 73°15'03" W
 2. Delete pontoons between 45 17 17 N 73 14 59 W (approx)
 and 45 17 13 N 73 14 57 W (approx)

NOTE: Digital data product 1351R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-116)

***1902 ST. LAWRENCE RIVER - MONTRÉAL HARBOUR - WHARF 58 - Maintained depths.**

Chart (Last correction) - 1310(Compartment B-C)(NAD 83)(1-3)(1512/98)

1. Add pecked line joining 45°33'40".2 N 73°31'19".8 W
 45 33 39.3 N 73 31 17.5 W
 and 45 33 42.2 N 73 31 15 W
 2. Reposition legend 9.8m from 45 33 39.6 N 73 31 17 W
 to 45 33 38 N 73 31 19.1 W
 3. Add legend 10m 45 33 41.7 N 73 31 17 W

NOTE: Digital data products 1310R/M and 79080(1310) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-110)

***1911 ST. LAWRENCE SEAWAY - CANAL DE BEAUHARNOIS - Chart amendment.**

Chart (Last correction) - 1410(NAD 83)(1)(1323/98)

Reference: Notice 1323/98.

On certain copies.

1. Reposition	green light buoy A51	from	45°20'29".1 N 73°52'56".5 W
		to	45 20 29.2 N 73 52 55 W

NOTE: The coordinates shown in Notice 1323/98 were wrong. Positions shown were advertised as NAD 27.

(AMA8035-10-35)

(DFO-Q98-114)

***1919 OTTAWA RIVER - LAC DES DEUX MONTAGNES - ANSE DE VAUDREUIL - Result of survey.**

Chart - 1510(Sheet 2)(Compartment B-C)Baie de Vaudreuil à/to Laval)(NAD 27)(1,2)

Reference: Notice 153/98.

1. Add	4 feet	45°26'10".7 N 74°02'03" W
2. Add	drying height of 0 feet	45 25 37.8 N 74 02 01.7 W

NOTE: Digital data product 1510R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-H98-081)

***1937 GEORGIAN BAY - PORT MCNICOLL - HOG BAY - Buoy.**

Charts (Last correction) - 2223(NAD 27)(1)(623/97) - 2239(NAD 27)(1)(1513/98) - 2202(Sheet 1)
(Port Severn to/à Penetang Harbour)(NAD 27)(1)

1. Add	red spar buoy, marked MM10	44°45'39" N 79°47'43" W
--------	----------------------------	-------------------------

NOTE: Digital data products 2202R/M, 2223R/M, 2239R/M, 73046(2239) and 73152(2223) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-13)

(CCG-D98-030, DFO-C98-168)

***1907 LAKE SUPERIOR - PANCAKE SHOAL - Chart amend ment.**

Chart (Last correction) - LC 2300(NAD 83)(1)(1506/98)

Reference: Notice 1506/98.

On certain copies.

1. Replace red light buoy X2 with a red spar buoy, marked X2 46°54'00" N 84°50'30" W

NOTE: Digital data products 2300R/M and 73098(2300) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-H98-077)

CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

***1927 NOVA SCOTIA - Amendment to the Radio Aids to Marine Navigation (Atlantic and Great Lakes) publication - 1998.**

Page 2-74

Under Station Name and Location

Amend coordinates against	CRANBERRY ISLANDS	to read	"45 19 29.4 N
	LIGHT		60 55 40.8 W"
(M2204-146)	NOVA SCOTIA	(CCG-H98-052)	

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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

Page 113 — Delete paragraph 13.

Page 237 — Paragraph 145, last line
 Cancel correction promulgated in Bi-weekly Edition No. 9/94
 Add: Bifurcation light and bell **buoy** SAC (357.5) is moored 0.3
 mile south of Bell Rock.

(A6/98)

Page 237 — Paragraph 146, line 7
 Delete: 3.1
 Replace by: 1.45

(A6/98)

Page 238 — Paragraph 163, lines 5 to 7
 Delete: "SW... buoy."
 Replace by: 0.6 mile SW of Government Point.

(A6/98)

Page 262 — Paragraph 18, lines 5 and 6
 Delete: "and whistle...light"

(A6/98)

Gulf of St. Lawrence, First Edition, 1992 —

Page xi — **TABLE OF CONTENTS**, at the en of **Part A**
 Insert: — migratory bird sanctuaries

(L53/98)

Page 16 — After paragraph 194
 Add: 194.1 **Migratory bird sanctuaries** — Mariners who
 pass through bird sanctuaries are subject to the *Migratory
 Bird Sanctuary Regulations* of the *Migratory Birds
 Convention Act*. These sanctuaries are generally shown
 on charts. In these sanctuaries it is prohibited to hunt,
 disturb, destroy, take nests or to possess a bird, an egg,
 etc. It is also prohibited to have firearms or any other
 hunting gear. Dogs and cats are not allowed to run free.
 Access is restricted or prohibited at certain sites; consult
 the Canadian Wildlife Service of Environment Canada for
 further information.

(L53/98)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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

Page 51 – Paragraph 364, line 2 –
 Insert: A **light** (355.5) is situated on Pond Island about 0.3
 mile SE of Dicky Head.

Page 73 – Paragraph 95, line 4 –
 Insert: red and

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

Page 27 – Paragraph 263, last line
 Add: Fairway light **buoy** CG (478.5) is moored about 1.5
 miles east of the light.

Page 41 – Paragraph 2, line 3 – after “St. Francis”
 Insert: and marked by port hand light **buoy** MSF3 (499.1)

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

Page 20 – Paragraph 169, line 3 –
 Insert: A **light** (116.3) is shown from the outer end of the
 wharf.

Page 23 – Paragraph 185, line 8 –
 Insert: and is marked by port hand light and whistle **buoy**
 VB9 (120.1)

Page 49 – Paragraph 102, line 6 –
 Add: Port hand light **buoy** QU3 (147.4) is moored about 0.2
 mile NNE of Bad Neighbour.

Page 49 — After paragraph 105
 Insert: 105.1 A **light** (147.6) is shown from the east entrance
 point of the harbour close west of Eastern Rock.
 Starboard hand light **buoy** QU4 (146.6) is moored about
 0,15 mile SSE of the light.

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

Page 30 — Paragraph 357, line 11 – After “rocks.”
 Insert: Because of silting, depths at the south end of the
 wharf change continuously and may be less than
 charted. Caution is advised in this area.

(L59/98)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 41 – Paragraph 87, lines 3 to 6

Delete: “A...ruins.”

Replace by: A fishermen’s wharf is situated on the east bank of the mouth of Rivière **Marsoui**.

(L51/98)

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

Page 3 – Paragraph 28, lines 3 to 6

Delete: “a boulder...boulders ”

Replace by: two boulder breakwaters

(L46/98)

Page 4 – Paragraph 45, lines 3 to 5

Delete: “In...disrepair.”

(L45/98)

Page 4 – Paragraph 48, line 4

Delete: public

(L45/98)

Page 6 – Paragraph 61, lines 6 to 8

paragraph 73.

(L45/98)

Page 8 – Paragraph 89, line 1

Delete: An orange

Replace by: A

(L45/98)

Page 13 – Paragraph 157, lines 5 and 6

Delete: “A...wharf.”

Replace by: *Marina Sainte-Angèle* is situated at the inner end of the wharf – downstream side; a launching ramp is adjacent to the marina. A dredged (1993) and buoyed (private) channel leads to the marina. See Appendix for facilities.

(L48/98)

Page 27 — Delete paragraph 109

Replace by: 109 Chenal du Nord runs in front of Berthierville and joins Chenal aux Castors NE of Île aux Vaches, before reaching Lac Saint-Pierre 6 miles further down. The channel is marked by buoys and these buoys can be moved to indicate the best channel.

(L44/98)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 50 — Paragraph 63, line 2 – After “
 Insert: Pilings on the western pier of the bridge are in
 disrepair and falling apart and are dangerous to
 navigation.

(L49/98)

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

paragraph 103.

Small Craft Guide, Rideau Waterway and Ottawa River, Second Edition —

Chapter VI — Delete paragraph 65.

Chapter VII — After paragraph 24

Insert: 24.1 **Marina**. — *Hull Casino Marina*, situated on Lac de la Carrière, offers dockage with power and water — 19 berths, 30 to 60 feet (9 to 18 m) in length. To access to the marina, boaters must report to the control station located at the entrance of Lac Leamy on Rivière Gatineau; there is a waiting dock and boaters can obtain information on the approach channel. There are signal lights indicating passage priority. Small crafts must navigate through the channel, which has a maximum width of 39 feet (12 m). Vessels are prohibited to stop

or anchor in the channel except in case of emergency. A 10km/h speed limit is in effect on Lac Leamy. Two bridges, with a vertical clearance of 20 feet (6.2 m),

cross the buoyed channel. Yellow cautionary buoys are moored on Lac de la Carrière indicating a water fountain and a point extending into the lake.

(L50/98)

Chapter VIII — Delete paragraph 24.1

(L50/98)

Chapter VIII — Delete paragraph 58

Insert: 58 **Conspicuous building**. — *Mont La Mennais College*, with a central spire, is situated on the north shore 1.4 miles NNW of Pointe Parsons.

(L52/98)

Chapter VIII — Paragraph 59, line 1 – before “This”

Insert: *Oka Monastery* is east of Oka.

(L52/98)

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
8.1	Riverhead Outer light buoy MH4	46 57 39 53 31 41	Fl R 4s	.....	.....	Red spar, marked "MH4".	Seasonal. Chart:4843 1915/98
8.12	Riverhead Inner light buoy MH6	46 57 51 53 31 41	Fl R 4s	.....	.....	Red spar, marked "MH6".	Seasonal. Chart:4843 1915/98
111.7	Enragee light and bell buoy VFC6	47 23 24 55 18 17.4	Fl R 4s	.....	.....	Red, marked "VFC6".	Year round. Chart:4832 1912/98
111.9	Garnish light and bell buoy VFD	47 15 17.4 55 23 18.6	Mo(A) W 6s	.....	.....	Red and white vertical stripes, marked "VFD".	Year round. Chart:4832 1912/98
112	Garnish	On end of breakwater. 47 14 10 55 21 30.4	Fl R 3s	8.5	6	Square skeleton tower, red and white horizontal bands. 3.6	Flash 0.5 s; eclipse 2.5 s. Year round. Chart:4832 1912/98
116.3	Pool's Cove	Outer seaward of wharf. 47 40 48 55 25 48	F R	3.4	.....	Cylindrical mast. 2.1	Year round. Chart:4831 1912/98
120.1	Boxey Rock light and whistle buoy VB9	47 23 42 55 35 21	Fl G 4s	.....	.....	Green, marked "VB9".	Year round. Chart:4830 1912/98
146.6	White Rock light buoy QU4	47 39 49.8 58 13 32	Q R 1s	.....	.....	Red spar, marked "QU4".	Year round. Chart:4634 1904/98
147.4	Bad Neighbour light buoy QU3	47 38 43.2 58 11 00	Fl G 4s	.....	.....	Green, marked "QU3".	Year round. Chart:4634 1904/98
147.6	Eastern Point	47 39 58 58 13 39	Fl R 4s	6.2	.....	Skeleton tower, red and white horizontal bands on 3 sides. 3.7	Flash 0.5 s; eclipse 3.5 s Year round. Chart:4634 1904/98
173 H220	Cape Ray	On W. side of cape. 47 37 17.1 59 18 16.8	Fl W 15s	36.0	23	White tower, red and white horizontally striped daymark on 3 sides. 14.6	Flash 1 s; eclipse 14 s. Emergency light. Year round. Horn - Blast 4s; sil. 56s. Horn points 224°. Chart:4635 Edn 10/98
174.1	Codroy Island Outer light buoy XY1	47 52 34 59 23 47	Fl G 4s	.....	.....	Green spar, marked "XY1".	Seasonal. Chart:4682 1903/98
174.3	Codroy light buoy XY2						Delete from List. Chart:4682 1903/98
174.3	Beach Point light buoy XY4	47 52 43 59 23 46.3	Fl R 4s	.....	.....	Red, marked "XY4".	Seasonal. Chart:4682 1903/98
270.25	Main Tickle Shoal light buoy NW7	52 33 48 55 52 54	Fl G 4s	.....	.....	Green spar, marked "NW7".	Seasonal. Chart:5179 1938/98
270.45	Mad Moll Rocks light buoy NMM2	52 29 58.8 55 44 12	Fl R 4s	.....	.....	Red spar, marked "NMM2".	Seasonal. Chart:5179 1938/98

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
270.7	Gull Rock light buoy NA1	52 31 42.6 55 51 25.8	Fl G 4s	.....	.....	Green spar, marked "NA1".	Seasonal. Chart:5179 1938/98
270.9	Northern Ship light buoy NA1.3	52 32 12 55 59 42	Q G 1s	.....	.....	Green spar, marked "NA1.3".	Seasonal. Chart:5179 1938/98
270.92	Brandies Shoal light buoy NA1.5	52 32 36 56 02 51.6	Fl G 4s	.....	.....	Green spar, marked "NA1.5".	Seasonal. Chart:5179 1938/98
355.2	Bridgeport Rock light buoy DBP2	49 32 23.4 54 53 22.2	Fl R 4s	.....	.....	Red, marked "DBP2".	Seasonal. Chart:4958 1901/98
355.5	Pond Island Point	49 34 01.8 54 53 37.8	Fl R 4s	.....	.....	Tower, red and white horizontal bands on 3 sides. 3.7	Flash 0.5 s; eclipse 3.5 s Year round. Chart:4598 1901/98
372.3	Cork Rock	49 33 42 54 23 03	Fl W 6s	6.0	.....	Square skeleton tower, red and white daymark on three sides. 3.7	Year round. Chart:4531 Edn 10/98
384	Joe Batts Point	49 45 00 54 09 00	Fl W 6s	28.9	5	Square skeleton tower, red and white horizontal bands. 3.6	Flash 0.5 s; eclipse 5.5 s Seasonal. Chart:4520 Edn 10/98
447	Bonavista breakwater	At outer end of breakwater. 48 38 57.2 53 07 04.5	Q R 1s	4.5	.....	Mast. 2.1	Seasonal. Chart:4849 1921/98
448	Long Liner wharf	On seaward end of public wharf. 48 39 01.2 53 06 52.4	F R	1.5	.....	Red skeleton mast. 1.2	Seasonal. Chart:4849 Edn 10/98
467.17	Bellevue Inner light buoy TG6	47 38 19.3 53 44 47.1	Fl R 4s	.....	.....	Red spar, marked "TG6"	Seasonal. Chart:4851 1909/98
467.24	Black Rock light buoy TB1	47 40 52.8 53 48 26.6	Fl G 4s	.....	.....	Green, marked "TB1".	Seasonal. Chart:4851 1909/98
467.25	Back Cove Rock light buoy TB3	47 40 48.7 53 49 10.8	Q G 1s	.....	.....	Green spar, marked "TB3".	Seasonal. Chart:4851 1909/98
478.5	Harbour Grace Channel light buoy CG	47 44 06 53 07 42	Mo(A) W 6s	.....	.....	Red and white vertical stripes, marked "CG".	Year round. Chart:4849 1906/98
486.2	Port de Grave breakwater West	47 35 03 53 12 47	Fl G 4s	4.0	.....	Mast. 2.9	Year round. Chart:4847 1906/98
499.1	Brandies light buoy MSF3	47 48 44.5 52 46 01.5	Fl G 4s	.....	.....	Green, marked "MSF3".	Year round. Chart:4846 1906/98
501	Ruby Rock light buoy S4	S. of rock. 47 33 59.5 52 41 16.7	Fl R 4s	.....	.....	Red, marked "S4".	Year round. Chart:4846 1906/98
503.5	Ellinor Rock light buoy S2	47 33 58.8 52 40 59.4	Q R 1s	.....	.....	Red spar, marked "S2".	Year round. Chart:4846 1906/98

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

1927 H2288	Sainte-Pétronille (Beaulieu)	On wharf. 46 50 41.8 71 07 56.3	Fl Y 5s	15.3	15	Grey square skeleton tower. 13.7	Flash every 5 s Emergency light. Year round. Chart:1317 Edn 10/98
1960.6 H2323.4	Québec Yacht Club West	On outer end of W. breakwater. 46 46 56.9 71 14 05.6	Iso W 2s	4.4	6	Red and white square skeleton tower. 3.4	Emergency light. Seasonal. Maintained by Yacht Club de Québec. Chart:1316 Edn 10/98
1973.5	<i>Marina Vauquelin light buoy</i>	<i>Off Pointe aux Trembles (Neuville) wharf. 46 41 15.1 71 33 48</i>	<i>Fl Y 4s</i>	<i>.....</i>	<i>.....</i>	<i>Orange and white, boat type, marked "Marina Vauquelin".</i>	 Chart:1315 Edn 10/98
2001.8 H2349	Île Richelieu Racon - - (M) X & S Band	N. side of island. 46 38 33.4 71 54 36.9	F G	12.8	21	Fluorescent orange and white block.	Visible on a bearing of 160° through Increased intensity on a bearing of 211°. Not to be used as a direction light. Visible on a bearing of 054° Delete Emergency light. Chart:1314 Edn 10/98
2166 H2414	Île aux Raisins range Racon - - (K) X & S Band	N. edge of island. 46 06 10.6 72 57 54	F G	9.4	.....	Tower, fluorescent orange daymark. 5.8	Visible in line of range. Year round.
2167 H2414.1		193°01' 573.3m from front.	F G	29.9	.....	Skeleton structure, fluorescent red slatwork daymark. 33.6	Visible from side. Year round. Visible in a bearing from 103° to Chart:1312 Edn 10/98
2288 H2454	Petite Traverse range	On E. bank. 45 54 40.5 73 12 30.7	F G	16.5	14	White cylindrical tower, fluorescent orange slatwork daymark, black vertical stripe. 6.2	Also visible from 045°30' through E. Visible in line of range. Night emergency light. Year round.
2289 H2454.1		045°43' 516.5m from front.	F G	31.9	14	Square skeleton tower, fluorescent orange slatwork daymark, black vertical stripe. 19.8	Also visible from 045°30' through E. Visible in line of range. Night emergency light. Year round. Chart:1338 Edn 10/98

Inland Waters

29	<i>Light buoy A51</i>	<i>45 20 29.2 73 52 55</i>	<i>Q G 1s</i>	<i>.....</i>	<i>.....</i>	<i>Green, marked "A51".</i>	<i>Winter spar. Year round.</i> Chart:1410 1911/98
835	<i>Owen Sound Harbour light buoy T12</i>	<i>44 35 12 80 56 18</i>	<i>Fl R 4s</i>	<i>.....</i>	<i>.....</i>	<i>Red, marked "T12".</i>	<i>Seasonal.</i> Chart:2213 Edn 10/98

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
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Inland Waters (Cont'd)

835.5	Owen Sound Marina	44 35 02.9 80 56 31.9	Fl R 4s	11.2	Red cylindrical tower, white band. 7.7	Privately operated. Seasonal. Chart:2213 Edn 10/98
836	Owen Sound range	E. side of Sydenham River mouth. 44 34 39.6 80 56 28	F G	15.0	.....	Skeleton tower, red and white horizontally striped daymarks, white upper portion, orange vertical stripe. 13.0	Visible in line of range. Seasonal.
837		195°18' 315.5m from front.	F G	28.0	.....	Skeleton tower, red and white horizontally striped daymarks. 26.0	Visible in line of range. Seasonal. Chart:2213 Edn 10/98
838	Owen Sound Pier	Outer end of W. pier. 44 34 46 80 56 29.2	Oc R 15s	9.0	.....	Cylindrical mast, red and white rectangular daymark. 6.7	Flash 10 s; eclipse 5 s Seasonal. Chart:2213 Edn 10/98
840	Meaford breakwater	On W. end of N. breakwater. 44 36 42.7 80 35 19.7	Fl G 4s	9.0	.....	Cylindrical mast, red and white rectangular daymark, green square in centre. 4.9	Seasonal. Chart:2214 Edn 10/98
841	Meaford Harbour	At outer end of E. breakwall at entrance to eastern harbour. 44 36 39.5 80 35 02.1	Oc R 4s	12.7	.....	Cylindrical tower, red upper portion. 9.2	Seasonal. Chart:2214 Edn 10/98
906	Red Rock Racon - - - (Y) X & S Band	At entrance to main channel leading to Parry Sound. 45 21 36 80 24 29	F W	20.1	13	White building, red lower portion. 13.0	Emergency light. Seasonal. Chart:2225 Edn 10/98
1268	Light buoy H247	45 37 24.2 74 37 05.6	Fl G 4s	.....	.....	Green, marked "H247".	Chart:1511 Edn 10/98
1299.5	Aylmer Marina West	On W. breakwater. 45 23 39 75 51 31.6	Fl G 4s	6.1	.....	White cylindrical tower, green upper portion. 4.3	Operated by the Club de Voile Grande-Rivière. Year round. Chart:1550 Edn 10/98

**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 General, Marine Navigation Services Directorate,
Canadian Coast Guard,
Department of Fisheries and Oceans,
Ottawa, Ontario, K1A 0E6

In the case of information concerning
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.