



EASTERN EDITION OF NOTICES TO MARINERS

Published monthly by the

CANADIAN COAST GUARD

NOTICES

700 to 773

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Marine Navigation Services
Directorate
Marine Aids

RECYCLED PAPER

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NOTICE TO USERS

NEW NUMBERING SYSTEM FOR THE MONTHLY EDITION

Beginning with Edition 1 of 1998, the monthly editions of Notices to Mariners will now be numbered in blocks of 199. As an example, Edition 1 will be numbered from 100 to 299, Edition 2 from 300 to 499, etc. This administrative measure is necessary in order to allow our Information Section to publish any last minute Notices. Please note, that all numbers will not necessary be used.

EXPLANATORY NOTES

Geographical positions refer directly to the graduations of the largest scale Canadian Hydrographic chart unless otherwise indicated.

Bearings refer to the true compass and are measured clockwise from 000° (North) clockwise to 359°; those relating to lights are from seaward.

Visibility of lights is that in clear weather.

Depths - The units used for soundings (metres, fathoms or feet) are stated in the title of each chart.

Elevations are normally given above Higher High Water, Large Tides unless otherwise indicated.

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

Distances may be calculated as follows:

1 nautical mile	= 1 852 metres (6,076.1 feet)
1 statute mile	= 1 609.3 metres (5,280 feet)
1 metre	= 3.28 feet

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

Please note that, in addition to the temporary and preliminary changes normally advertised as (T) and (P) Notices, there are a significant number of permanent changes to navigational aids that have been advertised as Preliminary Notices to Mariners while charts are being updated for new editions.

Marine Information Report & Suggestion Sheet - Mariners are requested to notify the responsible authorities when new or suspected dangers to navigation are discovered, changes observed in aids to navigation or corrections to publications are seen to be necessary. Such communications can be made using the *Marine Information Report & Suggestion Sheet* inserted on the last page of each monthly edition of *Notices to Mariners*.

Monthly edition of Notices to Mariners - *Notices to Mariners* are issued free of charge on a monthly basis. Mariners now have a choice between specific *Regional* issue(s) they wish to receive. Requests to be placed on or removed from the mailing list should be made by using the form inserted on page *xiv* 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 for pseudorange corrections at a data transmission rate of 200 baud. Refer to Radio Aids to Marine Navigation (RAMN) for estimated advertised coverage for each differential station.

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

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

Table of 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, ten Phase 1 DGPS stations are providing Initial Operational Service (IOS) which was declared by Regional Notices to Mariners issued in September 1996. Another eight DGPS stations will be installed in 1997. Extensive validation of operational performance is being conducted throughout 1997. Full Operational Service (FOS) will follow after successful validation.

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. In August 1996, 10 DGPS stations were announced as providing an Initial Operational Service (IOS). Eight (8) additional DGPS stations will be implemented in the fall of 1997.

Following a service validation period, it is expected that the DGPS service will be announced as providing a Full Operational Service (FOS) in December 1997. 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, 344 Slater Street, 6th floor, Ottawa, Ontario, 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 reçu par le récepteur: _____
DGPS site using / Station DGPS utilisée: Freq.: _____ kHz SS: _____ dB SNR: _____ dB
DOP Geometry / Géométrie DOP : _____
User receiver operates correctly with other DGPS sites? /
Votre équipement DGPS fonctionne-t-il normalement à l'utilisation d'autres stations DGPS?: Yes/ Oui _____
No / Non _____
Comments / Commentaires: _____

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

Weather conditions / Conditions météo

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

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

User equipment information / Renseignements sur l'équipement

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

DGPS beacon receiver / Démodulateur DGPS: Make / Fabricant : _____ Model: _____
 Gyro interface with GPS / Gyro intégré avec le GPS? Yes / Oui : _____ No / Non : _____
 DGPS interfaced with an ECDIS / DGPS intégré dans un SVCEI? Yes / Oui: _____ No / Non : _____
 If yes, please fill below / Si oui, S.V.P. compléter ci-dessous:
 ECDIS / SVCEI: Make / Fabricant: _____ Model: _____
 Radar image interfaced / Image radar intégrée?: Yes / Oui: _____ No / Non: _____
 Gyro interfaced with ECDIS / Gyro intégré avec SVCEI? Yes / Oui: _____ No / Non: _____
 Permanent installation or in evaluation / Installation permanente ou en évaluation : _____

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

- 1) Fax / Par télécopieur : 613-998-2428 attention AWAD.
- 2) Mail / Par la poste: Director Marine Aids
344 Slater Street, 6 th floor
Ottawa, Ontario
K1A 0E6

Canada

**Legend/
Légende**

Position : Position can be provided by latitude, longitude, bearing and distance, location of a buoy, etc.
La position peut être donnée en latitude, longitude, relèvement et distance, emplacement de bouée, etc.

KTS : Wind speed in knots / Vitesse du vent en noeuds.

N.M. : Visibility in Nautical Miles / Visibilité en milles nautiques.

Freq. kHz : Frequency in kilohertz / Fréquence en kilohertz .

SS : Signal strength in decibel / Force de signal en décibel.

SNR : Signal to noise ratio in decibel / Rapport signal-bruit en décibel .

DOP (dilution of precision): Measure of the geometrical «strength» of the GPS satellite configuration. The DOP is measured on a scale of 1 to 10 / Mesure de la «force» géométrique de la configuration satellite. Le DOP est mesuré sur une échelle de 1 à 10

SVCEI / ECDIS : Electronic Chart Display and Information System / Système de Visualisation de Cartes Electroniques et d'Information .

IMPORTANT NOTICE TO USERS

The Canadian Coast Guard Marine Aids Modernization Program

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

1. Redundant Aids to Navigation

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

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

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

The conversion of lightstations to solar power allows major economic and environmental benefits by allowing removal of fuel tanks and diesel generators. Although this eliminates the need for many structures, the Coast Guard will protect all heritage lightstations through continued operation or transfer to provincial, municipal or other authorities for local use.

2. Aids to Navigation Standards

In consultation with local users, all aids to navigation systems across Canada are under review. National system design standards will be used to assess these systems. Systems that do not meet these standards will be upgraded; those systems that exceed them will be downsized.

Adjustments in some channels will result in an increase or a decrease in the number of buoys and/or the conversion of some lighted buoys to unlighted buoys displaying reflective material.

3. Private Aids to Navigation

Although Coast Guard policy does not provide for the establishment of aids to navigation in inadequately charted waters, or where the traffic volume does not justify the cost of the system, some have been established in the past. These aids to navigation will be transferred to local authorities at no cost, with Coast Guard retaining design and regulatory authority under the *Private Buoy Regulations*

NEW INITIATIVES

The Canadian Coast Guard is also introducing a new differential correction service to augment the satellite-based Global Positioning System (GPS), with 18 transmitting stations fully operational in 1998.

This Differential Global Positioning System (DGPS), will improve the accuracy and integrity of GPS and will enable mariners who are equipped with the appropriate receivers to identify their precise position in most major southern Canadian waters, including the Great Lakes and the St. Lawrence River.

The use of DGPS in conjunction with Electronic Chart Display and Information Systems (ECDIS), will greatly improve navigation accuracy. The expanding use of this new technology is expected to increase marine safety and thus provide greater environmental protection to Canadian waters. It is also believed that implementation of DGPS will allow further adjustment to conventional aids in the future.

All mariners and shipowners are encouraged to equip their vessels with GPS receivers which have the capability to receive the Differential signals, particularly where there is frequent risk of reduced visibility.

The Canadian Coast Guard believes that the availability of GPS, particularly when augmented by the Differential service, will make Loran C obsolete. Consultations are underway to assess the impact of discontinuing Loran C in Canada.

NEWFOUNDLAND REGION

The Canadian Coast Guard is planning to further modernize its marine aids to navigation service. Changes will include adjusting all service levels to national standards between 1997 and the year 2000 and reducing some conventional aids services based on the availability of the Global Positioning System, Differential Global Positioning System (DGPS) and the Electronic Chart Display Information System (ECDIS). The new electronic systems will supplement the remaining conventional aids system, permitting continued maintenance of a safe service at lower cost.

More detailed information concerning each of these proposed changes will be provided in each region or geographic area by Notices to Shipping and Notices to Mariners, allowing users time to comment prior to finalizing planned changes. Further Notices to Shipping and Notices to Mariners will also be issued at the time of all changes.

Mariners and representatives of user groups wishing to provide comments or recommendations on this or any subsequent notice may write to:

Aids to Navigation Superintendent
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 lightstations (major reference lights) and downsizing of others to minor lights.
5) Discontinuance of some fog horns.
6) Removal of some coastal fixed and floating aids.

Over the next year, more detailed information concerning each of these proposed changes will be provided in each region or geographic area by Notices to Shipping and Notices to Mariners, allowing users time to comment prior to finalizing planned changes. Further Notices to Shipping and Notices to Mariners will also be issued at the time of all changes.

Mariners and representatives of user groups wishing to provide comments or recommendations on this or any subsequent notice may write to:

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

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 Central and Arctic region on April 1, 1997.

MEASURES
1) Upgrading DGPS sites at Cardinal and Wiarton to Initial Operating Service to provide, with the United States Coast Guard, to provide complete coverage of the Great Lakes/St. Lawrence Seaway by December 1997.
2) Removal or divestiture of 700 floating and fixed aids to navigation in the Athabasca River System.
3) Removal of approximately 20 floating aids in the Western Arctic in Simpson Strait, Cambridge Bay, Gjoa Haven and Spence Bay.
4) Privatization of 30 buoys in the Napanee River and approximately 120 fixed and floating aids to navigation in Northern Ontario due to uncharted or inadequately charted waters .
5) Removal or divestiture of approximately 30 reference or wharf-lights in conjunction with Small Craft Harbours, or Ports and Harbours Canada initiatives.
6) Conversion of approximately 20 lighted buoys to unlighted buoys in pleasure craft channels.
7) Removal of 50 floating aids to navigation in commercial channels.
8) Divestiture of 1 light house and associated property.
9) Removal or transfer of 14 fog horns on Lake Superior.
10) Removal or downsizing of 31 large lighted floating aids to navigation on the Great Lakes.

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:

Superintendent Marine Aids Program
Central and Arctic Region
201 Front Street North, Suite 703
Sarnia, Ontario, N7T 8B1
Telephone (519)383-1816
Facsimile (519)383-1995

MONTHLY EDITION OF NOTICES TO MARINERS

MAILING LIST CHANGES

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

Telephone - (613) 990-3037
Facsimile - (613) 998-8428

Please indicate which edition you would like to receive.

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	750	38	(Int. 404)			LC 5030	755	29
	762	37	LC 4002	717	34	5628	737	46
1310	744	41	LC 4003	706	38	6409	724	46
1312	751	40	LC 4022	721	30,31		725	46
1314	751	40		743	30	6412	726	46,47
1317	740	39,40	LC 4023	721	30,31	6413	727	46
1338	720	40		743	30		728	46
	746	40	LC 4024	717	34	6415	729	47
	751	40		721	30,31		730	47
1339	720	40		743	30	6416	731	47
	744	41	LC 4026	710	32		732	47
	749	40,41	LC 4049	739	29	6419	733	47
1351	759	41	LC 4118	766	1	6420	734	48
1400	738	44	4203	702	31	6431	735	48
1410	718	41,42	(Int. 4632)				736	48
	761	42,43	LC 4237	702	31	7685	735	48
1414	714	44		766	1	LC 8011	739	29
1510	704	43	4331	766	1			
	722	43	LC 4367	701	29			
	761	42,43	LC 4451	721	30,31			
1511	705	43,44	4455	763	31			
1553	754	44	LC 4485	717	34			
LC 2058	748	44,45	LC 4486	712	36,37			
2067	713	45		717	34			
2069	766	1	4644	765(T)	29			
LC 2077	747	45	LC 4730	766	1			

***766 CANADIAN HYDROGRAPHIC SERVICE Charts.**

CHART	TITLE & CONTENTS	SCALE	DATED	CAT #	PRICE
<u>1. Reprints.</u>					
<u>Ontario</u>					
2069	Bay of Quinte - Picton to à Presqu'Île Bay	1:60 588	Feb. 13/98	3	\$20.00
	Note: This chart is affected by Notices 650(P)/95, 602(P)/96 and 747(P)/96.				
<u>Lake Huron/Lac Huron</u>					
2297	Duck Islands to De Tour Passage	1:91 085	Sept. 19/97	3	20.00
	Note: This chart is affected by Notice 397(T)/97.				
<u>Nova Scotia/Nouvelle-Écosse</u>					
LC 4118	St. Marys Bay	1:60 000	March 6/98	1	20.00
	Note: This chart is affected by Notices 474(P)/92 and 217(P)/96.				
LC 4237	Approaches to/Approches au Halifax Harbour	1:40 000	Jan. 30/98	1	20.00
<u>New Brunswick/Nouveau-Brunswick</u>					
4331	Passamaquoddy Bay and St. Croix River	1:40 640	Dec. 26/97	1	20.00
	Note: This chart is affected by Notices 73(P)/94, 181(T)/95, 507(T)/95 and 690(T)/95.				
<u>Labrador</u>					
LC 4730	Nain to Domino Point	1:588 000	Oct. 17/97	1	20.00
	Note: This chart is affected by Notices 804(P)/93 and 163(T)/94.				

(AMA8035-10-35)

(DFO-H98-036)

***764(P) QUÉBEC - OTTAWA RIVER - RIVIÈRE GATINEAU - LAC LEAMY - Buoyed channel and wharf.**

From the Gatineau River a buoyed channel crosses Lac Leamy and leads to the Casino de Hull wharf.

NOTE: Further information in regards to the affected charts for this area will be available at a later date.

(AMA8035-10-35)

(DFO-Q98-045; CCG-L98-007)

***723(P) ONTARIO - KENORA - Amendments to the aids to navigation level of service - 1998.**

Mariners are advised that, at the beginning of the 1998 navigation season, the Canadian Coast Guard intends to permanently discontinue the aids to navigation service on Pellican Lake, Abram Lake, Minnitaki Lake, Red Lake, Lost Lake, Dinorwic Lake and Wabigoon Lake.

Interested parties may seek to take over responsibility for the operation and maintenance of all, or some, of these aids to navigation. This would require signing a memorandum of understanding transferring ownership and responsibility for the equipment.

Requests for information with regard to this notice should be directed to the Canadian Coast Guard. You may contact any one of the following:

R.E. Childerhose
Supervisor Marine Aids Program
P.O. Box 310,
Parry Sound, Ont.
P2A 2X4
Telephone: (705) 746-2196, ext. 238

Al Dion
Superintendent Marine Aids Program
201 N. Front Street,
Sarnia, Ont.
N7T 8B1
Telephone: (519) 383-1859

(AMA8035-10-7-13)

(CCG-D97-028)

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**LIST OF CHARTS AFFECTED BY (T) AND (P) NOTICES
IN EFFECT MARCH 27, 1998
(Revised and promulgated quarterly)
(Reference: Notice 125/98 cancelled)**

CHARTS	(T) and (P) NOTICES
1202	632(P)/93
1203	133(T)/93
1233	140(P)/98
L/C 1235	129(P)/97
1310	616(T)/97, 142(T)/98
1312	439(T)/96
1313	65(T)/95
1314	170(T)/92, 863(T)/93, 864(T)/93, 865(T)/93, 679(P)/97, 144(P)/98
1315	546(T)/97
1316	430(T)/97
1317	240(P)/94
1338	75(T)/92, 438(T)/96
1339	68(P)/91, 75(T)/92
1351	196(T)/87, 636(P)/93, 433(T)/96, 510(P)/98
1409	106(P)/97, 120(P)/97, 299(P)/97
1510	214(P)/92, 563(P)/92, 407(T)/97
1553	531(P)/97, 563(P)/97
2021	747(P)/96
2022	651(T)/91
2023	525(T)/92
2028	826(T)/85
2054	219(P)/96, 484(P)/97
L/C 2058	476(T)/94, 484(P)/97
2061	484(P)/97
2067	308(P)/96, 603(T)/96
2069	650(P)/95, 747(P)/96
L/C 2077	90(T)/90, 476(T)/94, 683(P)/95, 739(P)/95, 308(P)/96, 603(T)/96, 624(P)/96, 506(T)/98
2085	683(P)/95, 739(P)/95, 624(P)/96, 506(T)/98
2086	90(T)/90, 683(P)/95, 739(P)/95, 308(P)/96, 603(T)/96, 624(P)/96, 506(T)/98
L/C 2100	812(T)/92, 367(P)/97
L/C 2110	121(P)/94
L/C 2120	303(P)/96

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, 505(P)/98
2181	725(T)/91, 121(P)/94, 244(T)/95
L/C 2200	175(P)/94, 176(P)/94, 178(P)/94, 180(P)/94
L/C 2201	115(P)/94, 182(P)/94
2202	367(T)/88, 811(P)/91, 123(P)/92, 172(P)/93, 54(P)/94, 332(P)/97, 403(P)/97
2204	115(P)/94
2205	115(P)/94
2222	367(T)/88
L/C 2228	965(T)/91, 175(P)/94, 176(P)/94, 177(P)/94, 178(P)/94
2235	180(P)/94, 182(P)/94
2239	367(T)/88, 333(P)/97, 336(P)/97, 403(P)/97, 533(P)/97
L/C 2245	115(P)/94
2250	361(P)/97
2251	703(T)/92, 368(P)/97, 369(T)/97
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
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
2303	450(P)/97
2304	51(P)/94, 450(P)/97
2305	450(P)/97
2312	439(P)/97, 450(P)/97
4000	529(P)/95
L/C 4001(INT 404)	707(T)/93, 163(T)/94, 678(T)/94, 529(P)/95
LC 4003	529(P)/95
LC 4006	529(P)/95
L/C 4010	70(P)/93, 350(P)/94, 420(P)/95
LC 4011	519(P)/98
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
L/C 4017	75(T)/94, 76(T)/94, 359(T)/94, 678(T)/94, 384(T)/95
L/C 4020	299(P)/94
L/C 4022	583(P)/94, 192(T)/95
LC 4023	351(P)/96
L/C 4026	374(T)/94
LC 4045	529(P)/95
L/C 4047	323(P)/88, 105(T)/94, 108(T)/94
L/C 4049	105(T)/94, 359(T)/94
LC 4098	529(P)/95
LC 4099	529(P)/95
L/C 4118	474(P)/92, 217(P)/96
4124	73(P)/94, 507(T)/95
4140	748(T)/96
4142	815(P)/93
4201(INT 4634)	820(T)/94

4203(INT 4632)	127(T)/96
4210	734(P)/95
4211	346(T)/95
L/C 4227	805(P)/92
LC 4230	734(P)/95, 519(P)/98
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	201(T)/95
4278	648(P)/97
4328	569(P)/94
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
4342	459(P)/94
4379	533(P)/96
4381	141(T)/96
4384	569(P)/94
4394	237(T)/96
4396	128(P)/98
LC 4404	351(P)/96
LC 4405	351(P)/96
4426	103(T)/94
4430	261(T)/95
4437	526(P)/95
4448	649(P)/93
4456	769(P)/90, 433(T)/92
4460	845(P)/93
L/C 4462	649(P)/93
L/C 4464	583(P)/94
4469	793(P)/93
4483	612(T)/94, 351(P)/96
L/C 4485	603(T)/95, 690(T)/96
L/C 4486	798(P)/94, 603(T)/95, 306(P)/96, 690(T)/96
4491	65(T)/96
L/C 4520	47(T)/94, 76(T)/94
4546	613(P)/94
4587	193(T)/87
4619	427(P)/94
L/C 4622	356(P)/90, 427(P)/94, 291(P)/97
L/C 4624	323(P)/88, 356(P)/90
4635	463(P)/94, 594(T)/94, 192(T)/95, 239(P)/97
4637	737(P)/93, 120(P)/96
4641	594(T)/94
4644	154(P)/96
L/C 4700	163(T)/94
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
LC 4841	291(P)/97
4843	568(T)/90
L/C 4844	104(T)/94, 105(T)/94, 522(P)/94

L/C 4846 756(T)/93, 359(T)/94
 L/C 4847 782(T)/92, 535(P)/98
 4848 782(T)/92
 4849 103(T)/92, 277(P)/97
 L/C 4850 423(P)/94
 L/C 4851 191(T)/91, 64(T)/95, 384(T)/95
 4912 358(T)/93, 855(P)/96
 L/C 4913 783(P)/94
 4920 783(P)/94, 595(T)/95
 4921 582(P)/94, 603(T)/95, 434(T)/96, 119(P)/97, 169(P)/97, 195(P)/97, 196(P)/97, 243(P)/97,
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 4957 818(T)/94
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 5031 591(T)/93, 703(T)/94
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 5049 680(P)/95
 5133 163(T)/94
 6201 355(P)/92
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 6218 355(P)/92, 667(P)/92
 6242 610(T)/90
 6311 738(P)/96, 751(P)/96
 7083 847(P)/89
 7371 634(P)/96
 7740 847(P)/89
 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)

H98-011)

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**SUMMARY OF TEMPORARY AND PRELIMINARY
 NOTICES IN EFFECT MARCH 27, 1998**

(Revised and promulgated quarterly)

Reference: Notice 126/98 cancelled.

NOTICE	CHART	LOCALITY AND SUBJECT
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(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.

(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.
756(T)/93	L/C 4846	Newfoundland - St. John's Harbour Approach - Light buoy established temporarily.
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.
427(P)/94	4619, L/C 4622	Newfoundland - Placentia Bay - West Head - 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 - Trepassey Bay - Portugal Cove - Fog signal repositioned.
569(P)/94	4328, 4384	Nova Scotia - Lunenburg Bay - Recreational diving area.
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.
201(T)/95	4277	Cape Breton Island - Great Bras D'Or - Duffus Point - Light discontinued 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.
127(T)/96	4203(Int 4632)	Nova Scotia, Southeast Coast - Halifax Harbour - Unexploded ordnance.
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.
727(P)/96	----	Nova Scotia - Shelburne - Buoys and lights to be discontinued.
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 - Spar buoy.
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.
128(P)/98	4396	Bay of Fundy - Annapolis basin - Digby - Light to be discontinued.
518(P)/98	----	Nova Scotia, Southwest Coast - Yarmouth Sound - Buoys to be discontinued.
519(P)/98	4245, LC 4243, LC 4230, LC 4011, LC 4012	Nova Scotia, Southwest Coast - Yarmouth Harbour and Cape Forchu - East Cape- Fog signals to be discontinued.
535(P)/98	LC 4847	Newfoundland, East Coast - Conception Bay - Port de Grave - Breakwater and lights.

**(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 - Deschailions-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.
863(T)/93	1314	St. Lawrence River - Abord de Deschailions-sur-Saint-Laurent - Shoals reported.
864(T)/93	1314	St. Lawrence River - Barre à Boulard - Shoal reported.
865(T)/93	1314	St. Lawrence River - Off Deschailions-sur-Saint-Laurent - Shoals reported.
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.
603(T)/95	4921, LC 4485, LC 4486	Gulf of St. Lawrence - Anse-à-Beaufils - Buoys established temporarily.
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	Gulf of St. Lawrence - Caribou - Fog signal to be discontinued.

	4404, LC 4023, LC 4013	
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.
438(T)/96	1338	St. Lawrence River - Sorel - Course Île Dupas - Shoals reported.
439(T)/96	1312	St. Lawrence River - Lac Saint-Pierre - Shoals.
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.
119(P)/97	4921	Chaleur Bay - Havre de Beaubassin - Shoal depths.
129(P)/97	LC 1235	St. Lawrence River - Escoumins - Shoal depths.
131(P)/97	- - - -	Prince Edward Island - Changes to the buoyage system - 1997.
169(P)/97	4921	Chaleur Bay - L'Anse-à-Beaufils - Shoal depths.
180(P)/97	- - - -	Prince Edward Island - Aids to navigation to be changed.
182(P)/97	- - - -	Prince Edward Island - Changes to the buoyage system - 1997.
187(P)/97	- - - -	Prince Edward Island - Changes to the buoyage system - 1997.
195(P)/97	4921	Chaleur Bay - Newport-Point - Shoal depths.
196(P)/97	4921	Chaleur Bay - Baie de Port-Daniel - Shoal depths.
221(T)/97	- - - -	St. Lawrence River - Upstream from Sorel - Aids obstructed - Caution.
243(P)/97	4921	Chaleur Bay - Sainte-Thérèse de Gaspé - Depths.
265(P)/97	4921	Chaleur Bay - Sainte-Thérèse de Gaspé - Shoal depths.
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.
616(T)/97	1310	St. Lawrence River - Montréal Harbour - Depth.
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.
327(P)/98	- - - -	St. Lawrence River - Sorel to Beauharnois - Vertical clearances under the cables.
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.

(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.
219(P)/96	2054	Lake Ontario - Cobourg Harbour - Light.
303(P)/96	LC 2120	Lake Erie - Port Colborne - Light buoy to be discontinued.
305(P)/96	- - - -	Great Lakes - Detroit River - Amherstburg - Fog signal to be discontinued.
308(P)/96	2067, LC 2077, 2086	Lake Ontario - Burlington Canal Entrance - Light buoy 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.
624(P)/96	2085, 2086, LC 2077	Lake Ontario - Toronto Harbour - Light buoy to be changed.
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.
563(P)/97	1553	Ontario - Ottawa River - Île Fraser to Rapides-des-Joachims - Chart amendments.
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.

(AMA8035-10-1)

(CCG-H98-012)

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

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

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

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

REPRINTS A new print of the current edition of a chart incorporating no 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.

The accompanying list is a listing of the dates of current chart editions up to monthly edition 03 of 1998 (**The asterisk indicates changes since Monthly edition 1,1997**). Please refer to the Monthly Notices to Mariners for detail.

Chart Number	Cat	Edition Date	Reprint Date	Chart Number	Cat	Edition Date	Reprint Date
1	NE	05-JAN-96		1413	NE	21-AUG-87	05-JUL-96
1202	NE	13-NOV-81	20-MAY-94	1414	NE	01-JUN-84	24-FEB-95
1203	NE	04-JAN-85	10-FEB-95	1434	NC	01-MAR-96	
1209	NE	14-DEC-84	02-AUG-96	1435	NC	15-DEC-95	
1220	NE	28-FEB-97		1436	NC	15-JAN-93	03-JAN-97
L/C 1221	NE	27-DEC-91		1437	NC	19-MAR-93	30-MAY-97
* 1223	NE	03-OCT-97		1438	NE	06-OCT-95	
1226	NC	27-MAY-83	03-MAY-91	1439	NE	22-FEB-91	07-FEB-97
1229	NE	31-DEC-76	15-DEC-95	1509	NC	18-MAY-90	27-JUN-97
1230	NE	29-FEB-80	10-FEB-89	* 1510	NE	23-JAN-98	
1233	NE	18-MAY-84	03-JAN-97	1511	NE	03-APR-81	23-APR-93
L/C 1234	NE	02-JUL-93	20-OCT-95	1512	NE	03-AUG-84	09-OCT-92
L/C 1235	NE	25-APR-97		1513	NE	07-JUN-96	
L/C 1236	NE	01-MAR-96		1550	NE	05-JAN-96	
1260	NC	04-JAN-91		1551	NE	27-JUN-86	
1310	NC	11-MAR-94	03-MAY-96	1552	NC	14-SEP-79	28-MAY-93
1312	NC	05-APR-96		1553	NC	15-FEB-80	21-APR-95
1313	NE	27-JUN-97		1554	NE	16-SEP-88	15-AUG-97
1314	NC	18-OCT-85	01-MAR-96	1555	NC	12-OCT-79	
1315	NE	05-JUL-96		L/C 2000	NE	08-SEP-89	
1316	NE	07-FEB-97		2006	NE	03-JUL-87	16-FEB-90
1317	NE	07-JUN-96		2007	NE	10-SEP-82	09-SEP-94
1338	NE	05-APR-96		2011	NC	08-JUL-88	
1339	NE	19-AUG-83	03-JAN-97	2017	NC	13-JUL-90	
1350	NC	06-JUL-84	25-MAR-94	2018	NC	22-JUN-90	
1351	NC	21-SEP-84	11-AUG-95	2021	NE	25-JUN-93	
1361	NC	28-MAY-76	01-MAR-96	2022	NE	02-AUG-96	
1400	NE	26-AUG-88		2023	NE	01-MAR-85	24-MAR-95
1409	NE	27-JUN-97		2024	NE	29-MAR-85	16-DEC-94
1410	NE	04-OCT-96		2025	NE	01-MAR-85	28-MAY-93
1411	NE	02-AUG-96		2026	NE	05-APR-85	15-DEC-95
1412	NE	13-JAN-84	05-JUL-96	2028	NE	20-MAR-87	15-FEB-91

Chart Number	Cat	Edition Date	Reprint Date	Chart Number	Cat	Edition Date	Reprint Date
2029	NE	20-MAR-87	08-MAY-92	2267	NC	22-JUN-84	
2042	NE	07-OCT-94		2268	NE	31-MAR-89	06-MAY-94
2043	NC	29-NOV-68	26-MAR-82	2273	NC	13-OCT-55	22-AUG-75
2044	NC	28-FEB-97		2274	NE	08-JUN-90	
2047	NC	07-APR-95		2282	NE	07-JUN-96	
2048	NC	11-OCT-91		L/C 2284	NE	27-OCT-89	07-JUN-96
2049	NC	10-MAY-85		2286	NE	21-JAN-83	25-AUG-95
2050	NC	10-MAY-85		2289	NE	16-OCT-87	05-JUN-92
2053	NC	10-MAY-85		2291	NE	12-JUL-81	15-APR-88
2054	NC	10-MAY-85		2292	NE	28-APR-89	05-APR-96
2055	NC	05-JUL-91		2293	NE	11-JUN-65	12-DEC-80
L/C 2058	NE	16-JUN-89		2294	NE	23-JUN-89	24-JAN-97
L/C 2060	NE	28-JUN-85	01-JUL-94	2297	NE	20-JAN-60	13-FEB-81
2061	NE	18-MAR-77	13-JAN-89	2298	NE	02-JUL-58	13-FEB-81
L/C 2064	NE	10-FEB-89	05-MAY-95	2299	NE	30-SEP-83	30-JUN-95
2067	NE	01-NOV-85	15-FEB-91	L/C 2300	NE	05-SEP-80	18-NOV-88
2069	NE	04-MAR-83	14-OCT-88	L/C 2301	NE	22-FEB-91	
2070	NE	29-APR-83		L/C 2302	NE	02-AUG-85	
L/C 2077	NE	25-AUG-95		2303	NE	18-MAY-55	29-JUN-90
2085	NE	22-JUN-90	08-APR-94	2304	NE	31-MAY-57	01-FEB-80
2086	NC	09-JUN-89	03-APR-92	2305	NE	17-DEC-56	08-FEB-80
L/C 2100	NE	15-MAY-87	02-APR-93	2306	NE	03-MAY-57	09-MAY-75
L/C 2110	NE	15-MAY-87	25-DEC-92	2307	NE	31-AUG-56	11-MAR-77
L/C 2120	NE	27-MAR-87	06-MAR-92	2308	NE	19-JUL-46	21-APR-78
L/C 2121	NC	18-DEC-87		L/C L/C 2309	NE	08-JUL-88	
L/C 2122	NE	05-JUL-91	05-APR-96	2310	NE	03-JUN-46	01-FEB-80
L/C 2123	NE	12-MAR-93	04-APR-97	2311	NE	08-JAN-58	12-APR-91
2140	NC	16-SEP-88		2312	NE	13-NOV-87	08-APR-94
2165	NC	08-MAR-91		2313	NE	21-JUN-57	28-OCT-77
2181	NE	10-NOV-89		2314	NE	11-JUL-86	
L/C 2200	NE	01-MAY-87	17-APR-92	2315	NE	22-APR-88	
L/C 2201	NE	21-SEP-84	25-FEB-94	2318	NE	03-DEC-82	
2202	NE	04-APR-86	10-MAR-95	2400	NE	29-JUN-90	
2203	NE	07-OCT-88	13-NOV-92	L/C 3000	NE	20-JAN-89	22-APR-94
2204	NE	06-MAY-83	12-FEB-93	L/C 3001	NE	07-OCT-94	
2205	NE	18-DEC-87	06-MAR-92	L/C 3002	NE	16-DEC-94	
2206	NC	27-JUN-97		3050	NE	03-MAY-96	
2212	NC	24-FEB-95		3052	NE	07-OCT-94	
2213	NC	24-FEB-95		3053	NC	11-APR-86	02-FEB-90
2214	NC	07-OCT-94		3055	NC	21-JUN-91	
2215	NC	12-AUG-94		3056	NC	21-JUN-91	
2218	NC	13-APR-84		3057	NC	21-JUN-91	
2221	NE	07-JUN-96		3058	NC	21-JUN-91	
2222	NC	13-APR-84		3061	NC	29-MAY-81	21-JUN-85
2223	NC	13-APR-84		3062	NC	24-MAY-85	
2225	NE	08-MAR-91	11-JUL-97	3080	NE	03-APR-92	
2226	NE	22-NOV-91		3311	NE	31-DEC-93	
L/C 2228	NC	16-FEB-90		3312	NC	31-JAN-86	05-APR-91
2235	NE	06-FEB-87	30-DEC-94	3313	NC	28-JUL-95	
2239	NE	08-MAR-85	01-MAR-96	3410	NC	24-MAR-95	
L/C 2243	NE	30-AUG-85	08-APR-94	3411	NC	24-MAR-95	
L/C 2244	NE	24-JUL-87	16-JUN-95	3415	NE	13-FEB-87	08-APR-94
L/C 2245	NE	06-JUN-86	05-APR-96	3419	NC	02-JUL-93	
2250	NC	09-MAY-86		3424	NC	24-JUL-87	02-APR-93
2251	NC	11-APR-86	26-JUN-92	3440	NE	11-MAR-83	15-OCT-93
2257	NE	02-NOV-84	07-JUN-96	3441	NE	12-AUG-88	06-DEC-96
2258	NE	16-JUN-89	05-APR-96	3442	NE	03-JUN-88	06-DEC-96
2259	NE	15-JUN-62	02-JUL-93	* 3443	NE	30-JAN-98	
2260	NE	13-JUN-86	05-APR-91	3457	NE	29-DEC-89	
2261	NE	13-JUN-86	21-APR-95	3458	NE	10-MAR-95	
2266	NC	22-JUN-84		3459	NE	24-OCT-97	

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L/C 3461	NC	06-JAN-84	02-DEC-94	3668	NE	12-MAR-93	
L/C 3462	NC	13-JUL-84	27-AUG-93	3670	NE	21-OCT-94	
L/C 3463	NE	03-OCT-97		3671	NE	27-AUG-82	03-JUN-94
3473	NE	13-FEB-87	04-DEC-92	3673	NC	01-DEC-95	
3475	NE	27-MAY-88	02-JUL-93	3674	NC	01-DEC-95	
3476	NC	31-AUG-84	22-APR-94	3679	NC	14-JUN-91	21-FEB-97
3477	NE	03-MAY-85	08-SEP-89	3680	NE	07-APR-78	26-APR-91
3478	NE	24-FEB-95		3681	NC	08-JUN-90	
3481	NE	05-DEC-86	17-DEC-93	3682	NE	05-JUN-87	
3488	NC	21-OCT-94		3683	NE	03-AUG-79	26-OCT-90
3489	NC	21-OCT-94		3685	NE	25-AUG-95	
3490	NE	25-JUL-97		3686	NC	08-APR-88	02-DEC-94
3491	NE	05-JAN-96		3710	NE	04-JUL-86	15-JUN-90
3492	NC	27-JUN-97		3711	NE	15-JUN-84	19-FEB-93
3493	NE	01-JUL-94		3717	NE	28-JUL-95	
3494	NE	21-FEB-92		3719	NE	17-APR-61	11-NOV-88
3495	NE	21-FEB-92		3720	NE	12-FEB-88	03-SEP-93
L/C 3512	NC	30-NOV-84	05-MAR-93	3721	NE	26-AUG-94	
L/C 3513	NC	30-NOV-84	19-FEB-93	3722	NE	07-FEB-64	04-SEP-87
3514	NE	02-AUG-96		3723	NE	29-JUN-84	
3515	NC	18-JAN-91	03-JUN-94	3724	NE	23-MAY-80	21-APR-95
3526	NE	24-FEB-95		3726	NE	23-MAY-80	06-JAN-89
3527	NE	01-JAN-88	02-APR-93	3727	NE	29-JUN-62	24-MAR-95
3534	NE	07-MAY-93		3728	NE	05-FEB-82	24-JAN-97
3535	NE	16-AUG-85	16-APR-93	3729	NE	29-JUL-83	10-FEB-89
3536	NC	21-APR-78	16-APR-93	3730	NC	30-NOV-60	21-DEC-90
3537	NC	27-SEP-85	22-JUN-90	3733-A	NC	01-FEB-56	
3538	NE	27-NOV-92	02-AUG-96	3734	NE	09-JUL-76	24-MAY-91
3539	NE	04-AUG-89	25-APR-97	3736	NE	31-AUG-90	
3540	NE	22-MAY-92		3737	NE	14-AUG-87	21-APR-95
3541	NE	29-JUL-94		3738	NE	04-FEB-83	24-MAR-95
3542	NE	01-JUL-94		3739	NE	03-FEB-84	01-SEP-89
3543	NE	27-NOV-92	30-MAY-97	3740	NE	20-MAY-77	06-DEC-96
3544	NE	25-SEP-87	29-JAN-93	3741	NE	15-FEB-63	30-JUN-89
3545	NC	28-APR-89	12-AUG-94	3742	NE	16-JUL-82	02-AUG-96
3546	NC	28-APR-89	11-JUL-97	3743	NE	25-MAR-77	10-FEB-95
3547	NC	28-APR-89	05-APR-96	L/C 3744	NE	20-MAY-88	
* 3548	NE	26-SEP-97		3745	NE	08-JUN-56	13-NOV-87
3549	NC	03-DEC-93	05-APR-96	3746	NE	12-AUG-77	02-JUL-93
3550	NC	03-DEC-93	02-JAN-98	3747	NE	16-SEP-77	30-MAY-97
3552	NC	02-JAN-87	02-APR-93	3753	NE	30-APR-59	12-AUG-88
3555	NE	27-JUN-86	09-APR-93	3761	NE	19-AUG-88	
3559	NC	15-JUN-79	02-FEB-90	3772	NE	30-OCT-64	29-JAN-93
3564	NC	04-DEC-87	08-SEP-95	3773	NE	26-APR-85	06-DEC-96
3598	NE	14-AUG-87	11-OCT-91	3781	NE	18-MAY-59	15-MAR-91
3601	NC	26-AUG-94		3784	NE	23-JUL-82	16-DEC-94
L/C 3602	NE	24-MAY-85	12-AUG-94	3785	NE	04-OCT-91	
L/C 3603	NE	23-OCT-81	01-NOV-91	3786	NC	05-JUL-46	12-MAR-93
L/C 3604	NE	06-NOV-87	13-JUN-97	3787	NE	29-JUL-77	04-APR-97
L/C 3605	NE	03-JUN-88		3794	NE	07-FEB-75	17-MAR-89
L/C 3606	NE	27-JUL-84	03-SEP-93	3795	NE	01-MAY-64	09-JUL-93
3623	NE	26-AUG-77	06-JAN-89	L/C 3802	NE	24-NOV-89	
3624	NE	19-AUG-88	22-APR-94	3807	NC	07-JAN-60	07-OCT-88
3625	NC	25-OCT-68	10-MAR-89	3808	NC	30-MAR-62	13-OCT-89
3646	NE	30-JUN-95		3809	NE	24-AUG-79	24-MAR-95
3647	NE	05-JUL-85	02-JAN-98	3811	NE	06-DEC-63	27-SEP-91
3651	NE	09-APR-93		3825	NE	16-DEC-77	09-JUN-89
3662	NE	07-AUG-87	17-DEC-93	L/C 3853	NE	02-MAR-90	05-APR-96
3663	NE	31-MAY-74	14-AUG-92	L/C 3854	NE	23-OCT-87	23-APR-93
3664	NE	13-MAY-77	05-APR-96	3855	NE	13-JAN-67	26-APR-91
3665	NE	13-NOV-87	11-MAR-94	3857	NE	17-NOV-67	10-JUL-87

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		4395	NE	25-MAY-90		4512	NC	30-OCT-64	09-FEB-79
		4396	NE	19-FEB-88		4514	NE	23-OCT-81	29-SEP-89
		4399	NC	03-APR-42		4515	NC	21-MAY-52	02-JAN-81
		4402	NE	11-SEP-59		4516	NE	02-NOV-62	10-DEC-76
L/C		4403	NE	21-JUN-85		4518	NC	18-OCT-51	26-JAN-79
L/C		4404	NE	26-JUL-85		4519	NC	13-OCT-51	04-FEB-83
L/C		4405	NE	12-JUL-85	L/C	4520	NE	02-JUN-95	
L/C		4406	NE	12-JUL-85		4521	NE	04-JUN-65	08-SEP-78
		4416	NE	07-JAN-83		4522	NC	15-JUL-59	04-SEP-81
		4419	NE	12-AUG-88		4523	NC	27-MAR-64	13-JUN-75
		4420	NE	03-OCT-69		4524	NE	07-FEB-64	15-AUG-80
		4421	NE	11-OCT-68		4526	NC	05-OCT-51	24-FEB-95
		4422	NE	10-OCT-69		4529	NE	30-SEP-88	
		4425	NE	02-MAY-80		4530	NE	11-MAR-83	17-APR-92
		4426	NE	18-MAR-88		4531	NC	24-MAY-74	14-MAR-97
		4428	NE	06-OCT-78		4535	NC	12-MAR-65	21-AUG-81
		4429	NE	04-JUN-93		4536	NC	20-SEP-63	14-FEB-75
		4430	NE	02-OCT-81		4538	NE	26-MAR-76	
		4432	NE	14-DEC-84		4540	NC	10-OCT-57	26-JAN-79
		4437	NE	17-MAY-91		4541	NC	10-OCT-57	03-OCT-80
		4440	NE	18-JUL-80		4542	NE	09-SEP-66	23-JAN-76
		4443	NC	16-JUN-67		4543	NC	10-OCT-57	10-NOV-78
		4445	NC	17-JUN-49		4548	NC	10-OCT-57	11-MAR-88
		4446	NC	06-JAN-53		4560	NE	14-MAR-86	25-DEC-92
		4447	NE	09-NOV-84	L/C	4582	NC	14-FEB-64	10-SEP-76
		4448	NE	27-APR-90		4583	NC	16-JAN-61	02-JUL-82
		4449	NE	02-JAN-87		4584	NC	02-JAN-59	14-NOV-80
		4450	NE	02-MAR-73		4585	NC	02-JAN-59	29-AUG-80
L/C		4451	NE	27-MAR-87		4587	NE	04-SEP-87	21-AUG-92
		4452	NE	29-JUL-83		4591	NC	02-JAN-59	18-AUG-78
		4453	NE	17-DEC-82		4592	NE	03-JUN-83	02-APR-93
		4454	NE	03-FEB-78		4593	NC	20-JAN-60	12-JUN-81
		4455	NE	10-SEP-76		4594	NC	02-JAN-59	14-FEB-92
		4459	NE	22-JAN-88		4595	NC	02-JAN-59	04-FEB-83
		4460	NE	11-SEP-87		4596	NC	02-JAN-59	09-JAN-81
L/C		4462	NE	28-JUN-85		4597	NC	02-JAN-59	09-OCT-81
L/C		4463	NE	09-AUG-85		4598	NE	21-JAN-83	
L/C		4464	NE	11-OCT-85		4599	NC	02-JAN-59	14-DEC-84
		4466	NE	17-MAY-91		4609	NE	20-SEP-63	07-JAN-77
		4467	NE	21-MAR-69		4615	NE	22-MAY-87	
		4468	NE	12-JUL-85		4616	NE	19-APR-91	
		4469	NE	08-NOV-85		4617	NE	19-MAY-89	25-APR-97
		4470	NE	04-JAN-80		4619	NC	29-NOV-63	29-OCT-93
		4471	NE	11-FEB-77		4622	NE	25-APR-97	
		4472	NE	14-AUG-81	L/C	4624	NE	17-JAN-86	
		4473	NE	25-NOV-77	L/C	4625	NE	10-JAN-86	22-APR-88
		4474	NE	31-DEC-76	L/C	4626	NE	08-NOV-85	22-APR-88
		4483	NE	12-AUG-88		4633	NE	24-APR-87	21-APR-95
L/C		4485	NE	26-SEP-97		4634	NE	14-JUL-95	
L/C		4486	NE	19-OCT-84		4635	NE	24-JUN-83	28-NOV-97
		4491	NC	06-MAY-66		4637	NE	14-AUG-87	19-MAY-89
		4492	NC	04-FEB-66		4638	NC	20-SEP-55	12-DEC-80
		4497	NE	30-JUL-71		4639	NC	20-SEP-55	12-DEC-80
		4498	NE	23-OCT-87		4640	NE	10-AUG-84	
		4504	NE	14-FEB-64		4641	NE	31-AUG-84	
		4505	NC	14-FEB-64		4642	NC	18-JAN-60	31-MAR-78
		4506	NC	28-FEB-64		4643	NE	03-MAY-85	15-MAY-92
		4507	NC	28-FEB-64		4644	NC	01-DEC-67	04-SEP-92
		4509	NC	05-DEC-69		4652	NE	31-OCT-80	
		4510	NC	22-MAR-68		4653	NE	12-MAR-76	24-MAR-95
		4511	NC	10-JUL-64		4654	NC	27-OCT-52	22-SEP-78

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4658	NC	08-MAY-70	15-FEB-80	L/C 4906	NC	18-MAR-88	11-JUN-93
4659	NC	10-OCT-57	08-SEP-78	4909	NC	17-JUN-88	01-MAR-96
4661	NC	20-SEP-55	23-JUN-89	4911	NE	07-MAY-93	
4663	NC	10-OCT-57	03-SEP-76	4912	NE	04-JUN-93	
4665	NC	10-OCT-57	08-MAY-81	L/C 4913	NC	07-AUG-92	
4666	NC	10-OCT-57	20-JUN-86	4920	NC	29-SEP-89	
4667	NE	08-OCT-65	13-AUG-76	4921	NE	16-APR-93	
4668	NC	10-OCT-57	23-OCT-87	L/C 4951	NC	04-JAN-91	
4669	NC	10-OCT-57	29-MAR-85	L/C 4952	NC	21-AUG-92	
4670	NC	10-OCT-57	29-JUL-77	4954	NE	20-JUN-97	
4679	NE	31-DEC-76	04-JUN-82	4955	NC	15-FEB-91	
4680	NC	02-JAN-59	27-FEB-76	4956	NC	23-NOV-90	
4682	NC	19-OCT-62	01-MAY-87	4957	NC	13-JUL-90	
L/C 4700	NE	30-DEC-94		4980	NC	03-JAN-92	
4701	NC	27-DEC-63	23-OCT-81	L/C 5001	NE	04-NOV-94	
4702	NC	17-JAN-64	28-SEP-90	5002	NC	25-JUL-75	
4703	NE	31-JAN-64	26-AUG-94	5003	NE	26-SEP-69	23-JUL-76
4705	NE	30-JAN-56	06-AUG-76	L/C 5023	NC	20-APR-90	
4712	NC	21-FEB-64	01-FEB-74	L/C 5030	NC	26-OCT-90	
4722	NE	27-FEB-87		5031	NC	04-JAN-91	
4724	NE	20-MAY-60	08-SEP-78	5042	NC	24-FEB-84	
4725	NC	09-JUN-53	28-AUG-81	5043	NC	29-JUN-84	
4728	NE	16-JUN-95		5044	NC	10-JUN-83	
L/C 4730	NE	07-OCT-83	23-JUL-93	5045	NC	01-JUL-83	
L/C 4731	NE	16-DEC-94		5046	NC	13-JAN-84	
4732	NE	27-DEC-68	22-FEB-80	5047	NC	17-AUG-84	
4744	NC	22-FEB-63	27-NOV-81	5048	NC	07-AUG-87	
4745	NC	17-MAY-63	09-OCT-87	5049	NC	08-APR-88	
4763	NC	01-FEB-63	26-JUL-85	5051	NC	07-JUN-96	
4764	NC	01-FEB-63	09-NOV-90	5052	NC	25-APR-97	
4765	NC	29-NOV-63	26-APR-85	* 5080	NC	03-OCT-97	
4766	NC	06-DEC-63	05-APR-96	5133	NC	10-OCT-69	14-MAY-82
4767	NC	06-DEC-63	06-JUL-90	5134	NC	11-AUG-67	16-MAR-73
4769	NE	19-SEP-75	03-MAY-85	5135	NC	11-AUG-67	19-FEB-88
4771	NE	02-JUL-76	29-JUL-83	5138	NE	25-SEP-87	
4773	NC	29-NOV-63	29-DEC-78	5140	NC	15-NOV-63	20-OCT-78
4774	NC	24-JAN-64	19-MAR-82	5143	NE	02-MAY-86	
L/C 4775	NE	09-SEP-83	02-MAY-97	5179	NC	28-AUG-64	12-JUN-81
L/C 4776	NE	08-JUL-83		5300	NC	25-NOV-66	25-NOV-77
L/C 4817	NC	11-APR-86		5316	NC	24-AUG-61	25-JAN-80
4830	NC	14-FEB-86		5335	NC	15-MAR-85	
L/C 4831	NC	26-DEC-86		5338	NC	06-JUN-86	
L/C 4832	NC	02-OCT-87		5340	NC	19-APR-63	14-DEC-79
4839	NC	27-MAR-92		5348	NE	05-NOV-76	
L/C 4841	NC	19-MAY-89		5349	NC	05-MAR-58	03-MAR-78
L/C 4842	NE	03-MAR-89		5351	NC	24-FEB-56	25-MAR-83
4843	NC	28-JAN-83		5352	NE	08-JUL-60	16-MAY-80
L/C 4844	NC	01-FEB-85	25-MAR-94	5365	NC	26-SEP-69	25-AUG-89
L/C 4845	NE	12-SEP-97		5373	NC	15-FEB-85	
L/C 4846	NE	15-DEC-95		5374	NC	17-JAN-86	
L/C 4847	NE	05-JUL-96		5375	NC	28-FEB-86	
4848	NC	12-JUN-87		5376	NC	22-MAR-85	
4849	NC	30-DEC-88		5390	NC	17-MAY-68	04-NOV-88
L/C 4850	NC	11-MAY-90		5391	NC	17-MAY-68	18-FEB-83
L/C 4851	NE	04-APR-97		5396	NC	01-JUN-60	26-SEP-75
4852	NC	02-DEC-94		5397	NC	04-NOV-60	18-NOV-83
L/C 4853	NC	13-OCT-89		5398	NE	04-SEP-81	
4854	NC	25-APR-97		5399	NE	04-SEP-81	
4855	NC	06-JUN-97		5400	NE	19-DEC-60	23-APR-82
4885	NE	12-FEB-88		5403	NE	04-FEB-87	
L/C 4905	NC	22-JUL-88	24-JUL-92	5405	NC	26-DEC-51	25-MAR-88

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5406	NC	06-MAR-14	15-AUG-80	6111	NE	11-MAR-83	
5410	NE	25-MAR-77	19-MAR-93	6112	NC	06-FEB-70	25-MAR-94
5411	NE	04-JUN-58	30-JAN-81	6201	NE	16-MAR-73	22-NOV-91
5412	NE	23-FEB-68	27-APR-84	6205	NC	30-JUN-95	
5414	NE	06-AUG-37	10-OCT-80	6206	NE	02-APR-82	06-OCT-95
5427	NC	11-JUN-59	31-OCT-80	6207	NE	02-APR-82	21-FEB-92
5440	NE	01-NOV-74	06-FEB-81	6209	NC	04-SEP-70	
5449	NE	15-AUG-86		6211	NC	26-AUG-88	29-OCT-93
5450	NE	22-MAY-70	29-JUL-77	6212	NE	12-NOV-82	21-APR-95
5451	NE	05-NOV-65	22-MAR-85	6213	NE	10-AUG-84	28-JUL-89
5452	NC	16-DEC-54	05-FEB-82	6214	NC	18-MAR-77	07-JUL-89
5455	NE	15-FEB-61	15-DEC-78	6215	NC	01-JUL-77	08-MAY-92
5456	NE	26-MAY-72	12-JUN-81	6216	NC	02-APR-82	28-FEB-92
5457	NE	08-MAR-63	01-DEC-78	6217	NC	18-JUN-76	12-FEB-93
5458	NE	08-MAR-63	10-NOV-78	6218	NE	11-MAR-88	13-NOV-92
5459	NC	26-JAN-53	06-FEB-81	6240	NE	15-DEC-95	
5464	NC	16-DEC-54	07-MAY-82	6241	NE	06-AUG-57	28-MAY-82
5467	NC	18-MAR-55	29-JUN-90	6242	NE	13-JUN-80	01-MAY-92
5468	NC	18-MAR-55	04-SEP-81	6243	NE	10-DEC-71	17-NOV-95
5469	NC	18-MAR-55	12-NOV-82	6247	NE	19-FEB-93	
5471	NE	12-MAY-67	04-DEC-81	6248	NC	04-MAY-34	06-NOV-95
5476	NE	03-JUL-59	15-JUN-73	6249	NE	29-MAR-85	
5510	NE	11-JAN-80		6251	NE	18-JUL-86	05-APR-96
5512	NC	18-DEC-87		6258	NC	30-DEC-88	
5533	NE	11-MAR-77		6259	NC	23-FEB-90	
5620	NE	21-JUN-91		6260	NC	06-JAN-89	
5621	NE	26-APR-91		6263	NC	14-APR-89	
5622	NE	27-DEC-91		6264	NC	14-APR-89	
5623	NE	08-NOV-91		6267	NC	09-JUL-65	28-AUG-81
5624	NE	26-APR-91		6268	NE	15-JUN-62	
5625	NE	10-JUL-92		6269	NE	04-NOV-60	11-MAR-77
5626	NC	08-AUG-86		6270	NE	09-NOV-73	
5628	NC	08-AUG-97		6271	NE	07-SEP-73	
5640	NC	22-APR-94		6272	NE	14-SEP-73	
5705	NE	13-MAY-83		6273	NE	28-SEP-73	
5706	NE	24-JUN-83		6274	NE	07-SEP-73	
5707	NE	28-JAN-83		6281	NE	29-JAN-82	25-MAR-88
5720	NC	22-APR-94		6285	NC	03-JUN-88	
5800	NE	19-JUL-74	22-MAR-91	6286	NC	25-NOV-88	
5801	NE	24-MAY-74		6287	NC	11-JUN-82	
5860	NE	30-SEP-66	14-MAY-76	6301	NE	03-MAY-96	
5861	NE	30-SEP-66	14-MAY-76	6302	NE	20-APR-73	
6021	NE	23-MAY-86		6310	NE	04-MAY-73	17-FEB-78
6022	NE	23-MAY-86		6311	NC	17-AUG-62	
6023	NE	26-FEB-88	30-JUN-95	6321	NC	15-MAY-57	
6026	NC	17-SEP-76		6322	NC	15-MAY-57	
6028	NC	15-JAN-71		6341	NE	14-JAN-91	
6030	NC	14-AUG-87		6354	NC	09-NOV-50	
6035	NC	20-NOV-87		6355	NE	09-FEB-72	
6036	NC	28-AUG-87		6356	NC	30-OCT-49	
6037	NC	13-NOV-87		6357	NC	28-FEB-50	13-APR-73
6038	NC	11-SEP-87		6358	NE	18-MAY-49	28-JAN-72
6050	NE	01-AUG-86		6359	NE	24-MAY-68	
6100	NC	15-MAY-87	10-APR-92	6360	NC	17-APR-48	
6101	NC	10-APR-64		6368	NC	16-JUN-58	06-AUG-76
6105	NE	20-JAN-89		6369	NE	24-MAY-85	
6106	NE	21-JUN-91		6370	NE	03-AUG-90	
6107	NE	10-JUN-83		6371	NE	01-MAR-74	
6108	NE	28-JAN-83	05-JUN-92	6390	NE	08-FEB-80	
6109	NE	30-MAR-90		6408	NE	13-FEB-87	
6110	NE	24-FEB-89	15-DEC-95	6409	NE	02-APR-93	

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6410	NE	05-APR-96		7134	NC	23-JUL-93	
6411	NE	05-APR-96		7135	NE	07-MAR-58	14-DEC-79
6412	NE	18-APR-97		7136	NC	23-JUL-93	
6413	NE	17-FEB-89		7150	NE	09-JUL-65	01-OCT-82
6414	NE	13-FEB-87		7170	NE	18-APR-75	23-DEC-83
6415	NE	18-APR-97		7171	NE	15-APR-60	08-SEP-78
6416	NE	31-MAY-91		7180	NE	11-AUG-78	
6417	NE	18-APR-97		7181	NC	22-FEB-63	04-MAY-84
6418	NE	01-APR-88		7184	NC	10-JUL-64	16-DEC-77
6421	NE	18-APR-97		7185	NE	08-APR-60	27-APR-84
6422	NE	05-APR-96		7193	NC	10-MAY-63	10-MAR-78
6423	NE	18-APR-97		7194	NE	20-MAR-81	
6419	NE	05-APR-96		7195	NC	23-JUL-93	
6420	NE	18-APR-97		7212	NE	11-JAN-85	
6424	NE	18-APR-97		7220	NE	02-NOV-79	16-MAR-84
6425	NE	18-APR-97		7292	NC	30-JAN-62	27-SEP-85
6426	NE	18-APR-97		7302	NE	18-AUG-78	09-NOV-90
6427	NE	18-APR-97		7304	NC	17-FEB-78	06-SEP-85
6428	NE	18-APR-97		7310	NC	11-JUL-86	
6429	NE	17-JUN-94		7371	NE	14-DEC-73	27-MAR-81
6430	NE	01-APR-88		7404	NE	17-MAY-63	02-SEP-83
6431	NE	01-APR-88		7405	NE	01-OCT-82	
6432	NE	02-JUN-95		7411	NE	13-APR-73	29-SEP-89
6433	NE	02-MAR-84		7430	NE	21-MAY-76	07-OCT-83
6434	NE	20-FEB-87		7465	NE	28-FEB-57	02-AUG-91
6435	NE	20-FEB-87		7481	NC	21-AUG-92	
6436	NE	31-MAY-91		7482	NC	21-AUG-92	
6437	NE	02-MAR-84		7485	NC	17-MAR-89	
6438	NE	02-APR-93		7486	NC	10-FEB-89	
6439	NE	02-MAR-84		7487	NC	10-JUL-87	
6440	NE	02-MAR-84		7488	NC	08-MAR-91	
6441	NE	20-FEB-87		7489	NC	28-AUG-92	
6451	NE	17-JUN-94		7502	NC	04-SEP-81	
6452	NC	29-MAY-87		7511	NE	29-DEC-89	
6453	NC	29-MAY-87		7512	NC	05-JUL-85	
6454	NC	15-MAY-87		7520	NC	01-JUN-84	
6455	NC	15-MAY-87		7521	NC	01-JUN-84	
6455-SUPP	NE	01-JAN-89		7527	NE	12-APR-74	27-SEP-85
6505	NC	05-APR-85	28-FEB-86	7540	NC	07-JAN-83	
6506	NC	12-APR-85	21-FEB-86	7552	NE	04-MAR-92	
6730	NC	26-DEC-69	16-MAR-79	7565	NC	04-OCT-96	
7000	NC	05-MAR-82		7566	NC	22-JUN-90	
7010	NE	12-JAN-79	04-MAR-88	7568	NC	05-JUL-85	
L/C 7011	NE	02-SEP-83		7569	NC	05-JUL-85	
7050	NE	03-FEB-89		7570	NC	02-MAY-86	
7051	NE	14-DEC-73	08-AUG-86	7571	NC	11-APR-86	
7052	NE	10-JUN-66	19-JUL-85	7572	NC	02-MAY-86	
7053	NE	10-APR-70	08-APR-94	7575	NC	06-MAR-92	
7065	NE	31-MAY-63	30-DEC-83	7578	NC	27-JAN-95	
7066	NE	21-JUN-63	30-AUG-85	7600	NC	26-JUL-85	
7067	NE	30-APR-71	18-MAY-90	7608	NE	04-JUN-76	04-MAR-83
7071	NE	31-JUL-64	08-SEP-78				
7072	NE	30-APR-71	25-JUL-97	7620	NC	02-MAY-97	
7082	NE	20-MAY-66	27-APR-84	7621	NC	02-MAY-97	
7083	NE	15-JUN-84		7646	NE	02-FEB-73	28-NOV-80
7103	NE	05-AUG-77		7661	NC	14-MAR-86	
7121	NE	17-NOV-72	06-OCT-89	7662	NE	19-JUL-91	
7122	NE	19-OCT-62	06-SEP-85	7663	NE	11-APR-97	
7125	NE	20-APR-60	26-SEP-80	7664	NC	28-FEB-86	
7126	NE	08-MAR-54	13-AUG-93	7665	NC	13-JUN-86	
7127	NE	27-MAY-83	14-DEC-84	7666	NC	28-FEB-86	

Chart Number	Cat	Edition Date	Reprint Date	Chart Number	Cat	Edition Date	Reprint Date
7667	NC	14-MAR-86					
7668	NC	18-MAY-90		7830	NE	02-MAR-84	
7669	NC	18-MAY-90		7832	NE	19-FEB-71	06-MAR-81
7685	NC	28-FEB-86		7920	NE	27-APR-84	23-MAY-86
7686	NC	27-MAR-81	19-JAN-90	7930	NE	18-MAY-84	
7687	NC	05-AUG-83		7935	NE	21-JUN-85	
7710	NE	13-JUN-97		7940	NE	27-APR-79	20-SEP-
7725	NE	22-JUN-84		7950	NE	03-MAY-85	
7731	NE	25-MAY-84		7951	NE	24-FEB-84	
7733	NE	19-MAR-71	08-FEB-80	7952	NE	17-MAR-72	27-JUL-84
7735	NE	14-AUG-70	18-NOV-83	7953	NE	05-APR-96	
7740	NE	30-MAY-97		7954	NC	17-MAY-74	17-JUN-83
7750	NE	13-JUN-97		7980	NC	16-JAN-87	
7760	NC	03-MAY-68	19-AUG-83	L/C 8005	NE	07-DEC-84	02-MAY-97
7770	NE	27-AUG-71	04-JUL-80	L/C 8006	NE	05-AUG-88	
7776	NE	30-MAY-97		L/C 8007	NE	19-AUG-88	
7777	NE	30-MAY-97		L/C 8010	NE	01-AUG-86	26-MAY-89
7778	NE	13-JUN-97		L/C 8011	NE	30-DEC-94	
7779	NE	13-JUN-97		L/C 8012	NE	04-NOV-94	
7780	NC	06-JUL-90		L/C 8013	NE	04-NOV-94	
7781	NC	06-JUL-90		L/C 8014	NE	18-NOV-94	
7782	NE	13-JUN-97		L/C 8015	NE	16-DEC-94	
7783	NE	13-JUN-97		L/C 8046	NE	07-OCT-83	
				L/C 8047	NE	07-OCT-83	06-DEC-85
				L/C 8048	NE	30-DEC-94	
				L/C 8049	NE	30-DEC-94	
				C-4	NC	25-JUL-86	
				CAT-1	NE	07-FEB-97	
				* CAT-2	NE	02-JAN-98	
				* CAT-3	NE	02-JAN-98	
				CAT-4	NE	01-JAN-94	

(AMA8035-10-35)

(DFO-H98-005)

***769(P)BAY OF FUNDY - Lights and light buoy to be discontinued.**

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

Chart 4011

Fundy Entrance South light & whistle buoy "M" (L.L. 251.8) (44°13'36" N 66°50'12" W)

Chart 4117

Partridge Island (L.L. 100) (45°14'21" N 66°03'13".8 W)

Saint John West (L.L. 113) (45°15'30".4 N 66°03'37".6 W)

NOTE Comments on this action are solicited from mariners and other interested parties and should be directed to Senior Nav aids Officer, Fisheries and Oceans Canada, Canadian Coast Guard, P.O. Box 700, Saint John, N.B., E2L 4B3, Telephone (506) 636-4703, Facs (506) 636-5635 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.

(AMA8035-10-7-5,10-7-7)

(CCG-F98-002-004)

***771(P)CAPE BRETON ISLAND - ENRAGÉE POINT AND BEACH POINT. - Fog signal and light to be discontinued.**

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

Chart 4449

Enragée Point Fog signal (L.L. 867) (46°38'58".2 N 61°01'37".8 W)

Chart 4277

Beach Point light (L.L. 845) (46°17'24".5 N 60°32'32".7 W)

NOTE: Comments on this action are solicited from mariners and other interested parties. Comments should be directed to Senior Aids to Navigation Officer, Canadian Coast Guard, P.O. Box 1510, Charlottetown, P.E.I., C1A 7N3 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.

(AMA8035-10-7-6; AMA8035-10-21)

(CCG-G97-162,G98-014)

***767(P)PRINCE EDWARD ISLAND - Fog signals to be discontinued.**

The Canadian Coast Guard proposes to permanently discontinue the following fog signals.

Chart 4023

North Lake Harbour (L.L. 1039) (46°28'06".7 N 62°04'07".6 W)

Naufrage Harbour (L.L. 1041) (46°28'07".9 N 62°25'03".6 W)

Chart 4403

East Point (L.L. 943) (46°27'07" N 61°58'20" W)

Grahams Pond (L.L. 960.5) (46°05'47".6 N 62°27'12".9 W)

Chart 4419

Souris East (L.L. 947) (46°20'45" N 62°14'53".2 W)

Chart 4420

Murray Harbour (L.L. 964) (46°01'17".2 N 62°28'44" W)

Chart 4422

Panmure Island (L.L. 953) (46°08'39" N 62°28'02" W)

Chart 4425

Covehead Harbour (L.L. 1051) (46°25'47" N 63°08'39" W)

Chart 4467

North Rustico Harbour (L.L. 1056) (46°27'18".9 N 63°17'33".9 W)

Chart 4483

Wood Islands Harbour (L.L. 973) (45°46'54".3 N 62°45'07" W)

Chart 4492

Cascumpeque (L.L. 1076) (46°47'56".2 N 64°02'12".2 W)

Chart 4905

Fishing Cove (L.L. 1025) (46°24'26" N 64°08'06" W)
West Point (L.L. 1028) (46°37'05".4 N 64°22'19".7 W)

Chart 4906

Howards Cove (L.L. 1032) (46°44'24".6 N 64°22'39".1 W)

NOTE: Comments on this action are solicited from mariners and other interested parties and should be directed to Senior Aids to Navigation Officer, Canadian Coast Guard, P.O. Box 1510, Charlottetown, P.E.I., C1A 7N3, 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.

(AMA8035-10-21)

(CCG-G98-015-027,032)

***772(P)CHALEUR BAY - MISCOU ISLAND. - Fog signal to be discontinued.**

The Canadian Coast Guard proposes to permanently discontinue the following fog signal.

Chart 4486

Miscou Island (L.L. 1264.7) (48°00'34" N 64°29'38" W)

NOTE : Comments on this action are solicited from mariners and other interested parties and should be directed to Senior Aids to Navigation Officer, Canadian Coast Guard, P.O. Box 1510, Charlottetown, P.E.I., C1A 7N3 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.

(AMA8035-10-21)

(CCG-G98-031)

***768(P)NORTHUMBERLAND STRAIT - Fog signals to be discontinued.**

The Canadian Coast Guard proposes to permanently discontinue the following fog signals.

Chart 4909

Richibucto Head (L.L. 1128) (46°40'11".3 N 64°42'42" W)

Chart 4906

Pointe-Sapin (L.L. 1161.2) (46°57'40".6 N 64°49'50".1 W)

Chart 4911

Point Escuminac (L.L. 1163) (47°04'22".3 N 64°47'52" W)

NOTE Comments on this action are solicited from mariners and other interested parties and

should be directed to Senior Aids to Navigation Officer, Canadian Coast Guard, P.O. Box 1510, Charlottetown, P.E.I., C1A 7N3, 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.

(AMA8035-10-21)

(CCG-G98-028-030)

***773 CANADA - Notice to ship owners and operators of Canadian Safety Convention Ships.**

Ship owners and operators of Canadian Safety Convention ships are reminded that under SOLAS Chapter IV, and the Canadian Ship Station Radio Regulations section 11, their ships will have to be fully fitted for the GMDSS and have on board suitably trained and certified officers for the GMDSS by February 1, 1999. To ensure compliance, SOLAS radio certificates issued in 1998 to ships not already in compliance with the GMDSS will not be valid after January 31, 1999. For this reason, these certificates are being endorsed to expire on this date.

In addition, owing to an expected heavy demand for GMDSS equipment and training courses, shipowners and operators are advised to take early action in making the necessary arrangements to become GMDSS compliant.

Questions on this notice may be directed to:

Allen Williams
Marine Safety,
Tower C , Place de Ville
330 Spark Street
Ottawa K1A 0N8
Telephone: (613) 991-2061
Facsimile: (613) 993-8196
E-mail Williaa@tc.gc.ca

Procedures for arranging a radio inspection, and a list of Canadian Coast Guard ship radio inspection contacts can be found in a correction to the Radio Aids to Marine Navigation published in Notices to Mariners EDN#10/97.

(AMA8035-10-1)

(CCG-H98-019)

***739 NEWFOUNDLAND, SOUTHEAST COAST - GRAND BANK - NORTHERN PORTION - EAST OF VIRGIN ROCKS - Buoy.**

Charts (Last correction) - LC 8011(NAD 27)(1)(530/98) - LC 4049(NAD 83)(1)(530/98) - LC 4001 (Int. 404)(NAD 83)(1)(530/98)

1. Delete green light and whistle buoy VR1 46°27'24" N 50°41'30" W (approx)

NOTE: Digital data products 4049R/M, 8011R/M, 76030(4001) and 76101(4049) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-2)

(CCG-N98-001, DFO-A98-006)

***755 LABRADOR COAST - STRAIT OF BELLE ISLE - CHATEAU BAY - Buoy.**

Chart (Last correction) - LC 5030(and Inset, Chateau Bay)(NAD 83)(1)(928/91)

1. Add isolated danger buoy "BRB" marked 51°58'51".6 N 55°51'46".2 W
"NJT"

(AMA8035-10-5-2)

(CCG-N97-084)

***765(T) NEWFOUNDLAND, SOUTH COAST - BAY D'ESPOIR AND ROTI BAY - Current meters.**

Chart (Temporarily affected) - 4644(NAD 27)(1-5)

1. Current meter 2 metres below surface at low water 47°47'48" N 55°52'36" W

2. Current meter 6 metres below surface at low water 47 47 36 N 55 50 06 W

3. Current meter 6 metres below surface at low water 47 47 12 N 55 51 42 W

4. Current meter 6 metres below surface at low water 47 46 30 N 55 51 00 W

5. Current meter 6 metres below surface at low water 47 42 24 N 56 02 18 W

NOTE: Digital data product 4644R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-1)

(CCG-N98-120, 121)

***701 CAPE BRETON ISLAND, ATLANTIC COAST - NEW WATERFORD - Wreck.**

Chart (Last correction) - LC 4367(1)(87/97)

1. Add non-dangerous wreck, depth 46°16'16".8 N 60°03'27" W (approx)
unknown and legend "PA"

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

(AMA8035-10-35)

(DFO-A97-044)

***743 GULF OF ST. LAWRENCE - ÎLES DE LA MADELEINE - Lights.**

Charts (Last correction) - LC 4022(NAD 27)(1)(721/98) - LC 4023(NAD 27)(2)(721/98) - LC 4024 (NAD 27)(1-3)(721/98)

Reference: Notices 612/97 and 114/98.

1. Amend	Fl 5s 79ft 15M to read "Fl 6s 79ft 15M"	47°23'27" N 61°46'26".8 W
2. Amend	Fl(3) 24s 101ft 8M to read "Fl(3) 20s 101ft 8M"	47 12 44.6 N 61 58 21.3 W
3. Amend	Fl 8s 94ft 15M to read "Fl 6s 94ft 15M"	47 23 04.8 N 61 57 35.3 W

NOTE: Digital data products 4022R/M, 4023R/M, 4024R/M, 76271(4022), 76286(4023) and 79075(4024) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(CCG-L97-094, 094A, 096, 136)

***721 GULF OF ST. LAWRENCE - ÎLES DE LA MADELEINE - Buys and fog signals.**

Charts (Last correction) - 4956(NAD 83)(1,2)(134/98) - LC 4951(NAD 83)(12-20)(145/98) - LC 4451(NAD 27)(3-11)(145/98) - LC 4022(NAD 27)(21)(764/96) - LC 4023(NAD 27)(8,21)(139/98) - LC 4024(NAD 27)(8,21)(717/98)

1. Delete	green spar buoy YD7	47°22'44".4 N 61°51'24".7 W
2. Replace	red lighted spar buoy YD4 with a red spar buoy marked "YD4"	47 22 35.4 N 61 51 08.6 W
3. Delete	green can buoy YM7.5	47 16 10.9 N 61 43 42.8 W
4. Delete	red conical buoy YM10	47 16 24.6 N 61 43 33.5 W
5. Delete	green light and bell buoy YS1	47 21 55.8 N 61 59 00.6 W
6. Delete	South cardinal light buoy YT	47 25 51 N 62 01 24 W
7. Delete	East cardinal light buoy YS	47 21 52 N 62 04 39 W
8. Delete	West cardinal light buoy Y	47 15 24.1 N 62 13 14.6 W
9. Delete	Fog Sig (2) 60s	47 16 05.1 N 61 42 21.8 W
10. Delete	Fog Sig	47 13 00.3 N 61 59 09 W
11. Delete	Fog Sig	47 22 12 N 61 57 44.7 W
12. Delete	green can buoy YM7.5	47 16 10.2 N 61 43 39.1 W
13. Delete	red conical buoy YM10	47 16 24 N 61 43 27.5 W
14. Delete	green light and bell buoy YS1	47 21 56.5 N 61 58 57.3 W
15. Delete	South cardinal light buoy YT	47°25'51".2 N 62°01'21".4 W

16. Delete	West cardinal light buoy Y	47 15 23.8 N 62 13 12.1 W
17. Delete	East cardinal light buoy YS	47 21 51.6 N 62 04 36.9 W
18. Delete	Fog Sig (2) 60s	47 16 03.5 N 61 42 18.1 W
19. Delete	Fog Sig	47 13 00.5 N 61 59 06.4 W
20. Delete	Fog Sig 30s	47 22 12.2 N 61 57 42.1 W
21. Delete	Fog Sig	47 16 05.1 N 61 42 21.8 W

NOTE: Digital data products 4022R/M, 4023R/M, 4024R/M, 4451R/M, 4951R/M, 4956R/M, 76271(4022), 76286(4023), 79046(4956), 79075(4024), 79083(4451) and 79092(4951) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-9; AMA8035-10-21)

(CCG-L98-029-031,033; DFO-Q98-032)

***763 GULF OF ST. LAWRENCE - AGUANISH - Wharf.**

Chart (Last correction) - 4455(NAD 27)(1)(390/91)

1. Delete	legend Public	50°13'18" N 62°04'54" W
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NOTE: Digital data product 4455R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-054)

***702 NOVA SCOTIA, SOUTHEAST COAST - APPROACHES TO HALIFAX HARBOUR - Unexploded ordnance.**

Charts (Last correction) - 4203(Int. 4632)(NAD 83)(1)(Reprint Nov./97) - LC 4237(Int. 4631)(NAD 83)(1)(155/98)

Reference: Notice 127(T)/96 cancelled.

1. Add	unexploded ordnance, and legend: "DANGER, Unexploded ordnance, Explosifs non éclatés, Repd 1996, PA"	44°31'45" N 63°32'03" W (approx)
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NOTE: (1) Unexploded ordnance in the immediate vicinity of the remains of an uncharted wreck which is reported to exist in the above noted position. Mariners and divers should exercise extreme caution when operating or diving in this area.

Digital data products 4203R/M, 4237R/M, 76002(4203) and 76009(4237) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-A98-005)

***710 ST. LAWRENCE RIVER - ÎLE D'ANTICOSTI - Chart amendment.**

Chart (Last correction) - LC 4026(NAD 27)(1,2)(509/98)

Reference: Notice 322/98.

On certain copies.

- | | | |
|-----------|---|--------------------------------------|
| 1. Delete | ramp | 49°35'44".8 N 63°46'35".3 W (approx) |
| 2. Add | wreck showing any portion of hull or superstructure | 49 35 44.8 N 63 46 35.3 W |

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-H98-035)

***760(P) GULF OF ST. LAWRENCE - CHALEUR BAY - L'ANSE-À-BEAUFILS - Shoal depths.**

Chart (Which will be affected) - 4921(Plan, L'Anse-à-Beaufils)(NAD 27)(1,2)

- | | | |
|------------|-----------------------------------|-----------------------------|
| 1. Add | 2 metres 3 decimetres | 48°28'17".9 N 64°18'27".2 W |
| 2. Replace | 1 metre 6 decimetres with 1 metre | 48 28 20.3 N 64 18 36.2 W |

- NOTE:
- (1) A new edition incorporating the above-mentioned changes will be available at a later date.
 - (2) Digital data products 4921R/M and 79062(4921) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-051)

***741(P) GULF OF ST. LAWRENCE - CHALEUR BAY - SAINTE-THÉRÈSE-DE-GASPÉ - Shoal depths.**

Chart (Which will be affected) - 4921(Plan, Sainte-Thérèse-de-Gaspé)(NAD 27)(1-6)

- | | | |
|------------|---|-----------------------------|
| 1. Add | 1 metre 3 decimetres | 48°24'51".6 N 64°23'38".6 W |
| 2. Add | 2 metres 3 decimetres | 48 24 52.6 N 64 23 44.3 W |
| 3. Replace | 3 metres 3 decimetres with
2 metres 8 decimetres | 48 24 52.8 N 64 23 42.3 W |
| 4. Replace | 3 metres 4 decimetres with
2 metres 9 decimetres | 48 24 51.9 N 64 23 40.9 W |
| 5. Replace | 1 metre 8 decimetres with 1 metre
4 decimetres | 48 24 52.1 N 64 23 36.1 W |
| 6. Replace | 5 metres 3 decimetres with 4
metres 6 decimetres | 48 24 50.3 N 64 23 34.7 W |

- NOTE:
- (1) Digital data products 4921R/M and 79064(4921) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.
 - (2) A new edition incorporating the above-mentioned changes will be available at a later date.

(AMA8035-10-35)

(DFO-Q98-041)

***753(P) GULF OF ST. LAWRENCE - CHALEUR BAY - PORT-DANIEL - Shoal depths.**

Chart (Which will be affected) - 4921(Plan, Baie de Port Daniel)(NAD 27)(1,2)

- | | | |
|------------|---|-----------------------------|
| 1. Add | 11 metres 1 decimetre | 48°10'19".1 N 64°56'11".5 W |
| 2. Replace | 14 metres 3 decimetres with 13 metres 1 decimetre | 48 10 24.3 N 64 56 05 W |

- NOTE:
- (1) A new edition incorporating the above-mentioned changes will be available at a later date.
 - (2) Digital data products 4921R/M and 79069(4921) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-047)

***745(P) GULF OF ST. LAWRENCE - CHALEUR BAY - PORT-DANIEL - Shoal depths.**

Chart (Which will be affected) - 4921(Inset, Quai/Wharf Port-Daniel-Est)(NAD 27)(2-8) - 4921(Plan, Baie de Port Daniel)(NAD 27)(1)

- | | | |
|------------|--|--|
| 1. Replace | 1 metre 3 decimetres with 0 metre 8 decimetres | 48°10'49".8 N 64°57'41".3 W |
| 2. Delete | 1 metre 3 decimetres | 036°30' 354m (1161 feet) from lower left corner of Inset |
| 3. Add | 0 metre 5 decimetres | 058° 298m (978 feet) from lower left corner of Inset |
| 4. Add | 0 metre 8 decimetres | 075° 291m (955 feet) from lower left corner of Inset |
| 5. Add | 0 metre 9 decimetres | 083° 303m (994 feet) from lower left corner of Inset |
| 6. Add | 1 metre 3 decimetres | 087°30' 317m (1040 feet) from lower left corner of Inset |
| 7. Add | 1 metre 1 decimetre | 041° 353m (1158 feet) from lower left corner of Inset |
| 8. Add | 1 metre 2 decimetres | 043° 368m (1207 feet) from lower left corner of Inset |

- NOTE:
- (1) A new edition incorporating the above-mentioned changes will be available at a later date.
 - (2) Digital data products 4921R/M, 79069(4921) and 79070(4921) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-040)

***717 GULF OF ST. LAWRENCE - GASPÉSIE - CAP BLANC AND POINTE BONAVENTURE - Lights.**

Charts (Last correction) - LC 4485(NAD 83)(1)(520/98) - LC 4486(NAD 27)(1,2)(712/98) - LC 4024 (NAD 27)(1,2)(139/98) - LC 4002(NAD 27)(1)(280/97)

1. Delete light 48°30'04".7 N 64°13'07".8 W

2. Delete light 48 00 15.6 N 65 26 58.7 W

NOTE: Digital data products 4002R/M, 4024R/M, 4485R/M, 4486R/M, 76187(4486), 79075(4024), 79076(4002) and 79086(4485) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-7-9)

(CCG-L98-028; DFO-Q98-033)

***752(P) GULF OF ST. LAWRENCE - HAVRE DE BEAUBASSIN - Shoal depths.**

Chart (Which will be affected) - 4921(Plan, Havre de Beaubassin)(NAD 27)(1-15)

1. Add 1 metre 2 decimetres 48°01'54".7 N 65°29'02".7 W

2. Replace 1 metre 8 decimetres with 1 metre 4 decimetres 48 01 55 N 65 29 01.7 W

3. Add 1 metre 2 decimetres 48 01 59.2 N 65 29 00.2 W

4. Add 1 metre 1 decimetre 48 02 03.1 N 65 29 02.2 W

5. Add 1 metre 2 decimetres 48 02 06.7 N 65 28 59.9 W

6. Add 0 metre 7 decimetres 48 02 08.7 N 65 28 58.6 W

7. Add 1 metre 1 decimetre 48 02 11 N 65 28 57.2 W

8. Replace 0 metre 9 decimetres with 0 metre 2 decimetres 48 02 15.6 N 65 28 52.7 W

9. Add 0 metre 7 decimetres 48 02 13 N 65 28 55.9 W

10. Add drying height 0 metre 2 decimetres 48 02 18.3 N 65 28 55.7 W

11. Replace 1 metre 3 decimetres with 0 metre 5 decimetres 48 02 19.9 N 65 28 57.8 W

12. Add 1 metre 3 decimetres 48 01 54.2 N 65 29 03.4 W

13. Delete 0 metre 8 decimetres 48 01 56.3 N 65 29 02.9 W

14. Delete 1 metre 3 decimetres 48 02 11.6 N 65 28 55.8 W

15. Delete 1 metre 3 decimetres 48 02 18 N 65 28 56.7 W

NOTE: (1) A new edition incorporating the above-mentioned changes will be available at a later date.
(2) Digital data products 4921R/M and 79061(4921) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-043)

***711(P) GULF OF ST. LAWRENCE - CHALEUR BAY - BATHURST HARBOUR AND APPROACHES - Buoys.**

Chart (Which will be affected) - 4920(Plan, Bathurst Harbour)(NAD 83)(1-35)

Reference: Notice 187(P)/97.

1. Delete	red light buoy EP2		47°41'09".3 N 65°35'47".3 W
2. Delete	green light buoy EP5		47 40 47.3 N 65 35 58.9 W
3. Delete	green light buoy EP15		47 40 10 N 65 36 30.1 W
4. Delete	red light buoy EP22		47 39 55.9 N 65 36 46.2 W
5. Reposition	green light buoy EP25	from	47 39 40.4 N 65 36 54.9 W
		to	47 39 53 N 65 36 44.4 W
6. Reposition	red light buoy EP28	from	47 39 26.7 N 65 37 09.3 W
		to	47 39 30.7 N 65 37 05.5 W
7. Reposition	green light buoy EP29	from	47 39 23.2 N 65 37 08.4 W
		to	47 39 17 N 65 37 12.8 W
8. Delete	green light buoy EP31		47 39 07.4 N 65 37 32.7 W
9. Replace	red light buoy EP32 with a red spar buoy, marked "EP32"		47 39 09.9 N 65 37 35 W (approx)
10. Replace	green light buoy EP33 with a green spar buoy, marked "EP33"		47 39 01.9 N 65 37 47.5 W (approx)
11. Replace	red light buoy EP34 with a red spar buoy, marked "EP34"		47 39 04.1 N 65 37 48.8 W (approx)
12. Delete	green light buoy EP35		47 38 55.5 N 65 37 51.1 W
13. Add	red spar buoy, marked "EP38"		47 38 52 N 65 37 59.9 W
14. Add	green spar buoy, marked "EP39"		47 38 41.9 N 65 38 13.7 W
15. Reposition	red spar buoy EP40	from	47 38 40.4 N 65 38 20.4 W
		to	47 38 34.8 N 65 38 29.7 W
16. Reposition	red spar buoy EP46	from	47 38 18.1 N 65 38 51.9 W
		to	47 38 16.2 N 65 38 54.2 W
17. Delete	red light buoy EP48		47 38 08.5 N 65 39 02.3 W
18. Add	green spar buoy, marked "EP49"		47 38 04.4 N 65 39 02.6 W
19. Reposition	green spar buoy EP51	from	47°37'58".1 N 65°39'03" W
		to	47 37 58 N 65 39 03.3W
20. Delete	green spar buoy EP53		47 37 53.6 N 65 39 00.8 W
21. Reposition	red spar buoy EP54	from	47 37 51.5 N 65 39 02.1 W
		to	47 37 51.5 N 65 39 01.8 W

22. Delete	green spar buoy EP55		47 37 44.6 N 65 38 55.9 W
23. Delete	green spar buoy EP57		47 37 39.2 N 65 38 53.3 W
24. Replace	red light buoy EP58 with a red spar buoy, marked "EP58"		47 37 36.3 N 65 38 54.4 W (approx)
25. Delete	red spar buoy EP60		47 37 26.5 N 65 38 49.7 W
26. Add	green spar buoy, marked "EP61"		47 37 23 N 65 38 46.4 W
27. Add	green spar buoy, marked "EP63"		47 37 10.3 N 65 38 38.9 W
28. Delete	red spar buoy EP64		47 37 04.5 N 65 38 30.8 W
29. Add	green spar buoy, marked "EP65"		47 36 56 N 65 38 30.6 W
30. Delete	bifurcation spar buoy EPA		47 37 09.6 N 65 38 37.3 W
31. Reposition	bifurcation light buoy EP	from	47 38 01.2 N 65 39 08.6 W
		to	47 38 01.9 N 65 39 06.9 W
32. Delete	red light buoy EP42		47 38 28.2 N 65 38 40.6 W
33. Delete	red light buoy EP38		47 38 51 N 65 38 03.9 W (approx)
34. Delete	green light buoy EP49		47 38 02.4 N 65 39 03.7 W (approx)
35. Delete	green light buoy EP61		47 37 22 N 65 38 45 W (approx)
NOTE:	(1)	Digital data products 4920R/M and 76270(4920) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates	
	(2)	A new edition incorporating the above-mentioned changes will be available at a later date.	

(AMA8035-10-5-6) (CCG-G97-066-074,077,078,080,081,087,088,098,106,130; DFO-A98-013)

***712 GULF OF ST. LAWRENCE - CHALEUR BAY - NEPISIGUIT BAY - Buoys.**

Chart (Last correction) - LC 4486(NAD 27)(1,2)(154/98)

1. Delete	green can buoy ES1	47°42'47" N 65°41'39" W
2. Delete	red light buoy EP2	47 41 10 N 65 35 49 W

NOTE: Digital data products 4486R/M and 76187(4486) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-6) (CCG-G97-104; DFO-A98-013)

***742 GULF OF ST. LAWRENCE, NORTH SHORE - PORT CARTIER - Radiobeacon.**

Chart (Last correction) - LC 1221(NAD 27)(1)(324/98)

Reference: Notice 309/98.

1. Delete radiobeacon 50°02'09" N 66°46'52" W

NOTE: Digital data products 1221R/M and 79028(1221) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-044)

***762 ST. LAWRENCE RIVER - MATANE - Shoal depths.**

Chart (Last correction) - LC 1236(Inset, Matane)(NAD 83)(1-10)(707/98)

1. Replace drying height 0 metre 4 decimetres with a drying height 1 metre 48°51'14".5 N 67°32'06".8 W

2. Replace 1 metre 5 decimetres with 1 metre 48 51 20 N 67 32 12.9 W

1 decimetre

3. Replace 2 metre 4 decimetres with 2 metres 48 51 22 N 67 32 12.9 W

4. Add 0 metre 4 decimetres 48 51 08.1 N 67 31 51.6 W

5. Add drying height 0 metre 4 decimetres 48 51 16.8 N 67 32 09.5 W

6. Add 0 metre 8 decimetres 48 51 21.8 N 67 32 06.2 W

7. Add 0 metre 3 decimetres 48 51 22.8 N 67 32 10.1 W

8. Add 0 metre 8 decimetres 48 51 24.1 N 67 32 09 W

9. Add 1 metre 9 decimetres 48 51 30.1 N 67 32 07.8 W

10. Delete 0 metre 7 decimetres 48 51 18.8 N 67 32 03.7 W

NOTE: Digital data products 1236R/M and 79040(1236) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-053)

***719(P) ST. LAWRENCE RIVER - MATANE - Depths.**

Chart (Which will be affected) - LC 1236(Inset, Matane)(NAD 83)(1,2)

1. Add 8 metres 4 decimetres 48°50'33".4 N 67°34'44".6 W

2. Add 8 metres 7 decimetres 48 50 28.4 N 67 34 38.3 W

NOTE: (1) Digital data products 1236R/M and 79040(1236) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(2) A chart amendment patch showing the above-mentioned changes will be available at a later date.

(AMA8035-10-35)

(DFO-Q98-027)

***750 ST. LAWRENCE RIVER - FORESTVILLE - Shoal depths.**

Chart (Last correction) - LC 1236(Inset, Baie Verte)(NAD 83)(1-3)(707/98)

1. Delete	4 metres 9 decimetres	48°44'19".6 N 69°03'02".9 W
2. Add	3 metres 6 decimetres	48 44 18.8 N 69 03 01.2 W
3. Replace	4 metres 7 decimetres with 3 metres 9 decimetres	48 44 16.3 N 69 02 56.9 W

NOTE: Digital data products 1236R/M and 79039(1236) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-036)

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

Chart (Last correction) - LC 4003(NAD 27)(1)(685/97)

1. Add	unexploded ordnance, "Repd 1997, PA"	42°42'00" N 69°09'00" W (approx)
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NOTE: Digital data product 4003R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-2)

(US-W97-050)

***707 ST. LAWRENCE RIVER - CAP DE BON DÉsir - Light.**

Charts (Last correction) - LC 1235(NAD 83)(1)(521/98) - LC 1236(NAD 83)(1)(304/98)

Reference: Notice 279/97.

1. Add	light "FI 6s 44m 15M"	48°16'19".5 N 69°28'07".2 W
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NOTE: Digital data products 1235R/M, 1236R/M, 79035(1235) and 79037(1236) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-7-9)

(CCG-L98-018; DFO-Q98-026)

***708 ST. LAWRENCE RIVER - BANCS DE L'ÎLE ROUGE - Buoy.**

Chart (Last correction) - LC 1235(NAD 83)(1)(707/98)

1. Add	green light buoy "FI G" marked "K55"	48°05'37".8 N 69°33'58".9 W
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NOTE: Digital data products 1235R/M and 79035(1235) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-029)

***758 ST. LAWRENCE RIVER - RIVIÈRE DU LOUP - Shoal depths.**

Chart (Last correction) - LC 1234(Inset, Pointe de la Rivière du Loup)(NAD 27)(1-8)(313/98)

1. Replace	drying height 0.3 metre with drying height 1 metre	125° 116m (381 feet) from light (47°50'52".08 N 69°34'15".14 W)
2. Add	4 metres 7 decimetres	242°30' 179m (587 feet) from light
3. Delete	4 metres 6 decimetres	291° 205m (673 feet) from light
4. Delete	4 metres 3 decimetres	332°30' 27m (89 feet) from light
5. Delete	4 metres 7 decimetres	193°30' 39m (128 feet) from light
6. Delete	4 metres 5 decimetres	249° 121m (397 feet) from light
7. Delete	4 metres 7 decimetres	291°30' 122m (400 feet) from light
8. Amend	(1996) to read "(1997)"	249°30' 75m (246 feet) from light

NOTE: Digital data products 1234R/M and 79031(1234) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-049)

***703(P) ST. LAWRENCE RIVER - ÎLE AUX COUDRES - Shoal depths.**

Chart (Which will be affected) - 1233(Inset, Îles aux Coudres)(NAD 27)(1)

Reference: 140(P)/98.

1. Replace	2 metres 6 decimetres with a drying height of 2 metres 6 decimetres	044° 594 m (1949 feet) from lower left corner of inset
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NOTE: (1) A chart amendment patch showing the above-mentioned changes will be available at a later date.

(2) Digital data product 1233R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-031)

***740 ST. LAWRENCE RIVER - BEAUMONT - Ice Note.**

Chart (Last correction) - 1317(Continuation A)(NAD 83)(1,2)(526/98)

Reference: Notice 547/97.

1. Delete	legend Voir note ASTÉRISQUE/See note ASTERISK	46°53'30" N 71°06'30" W (approx)
2. Add	legend Voir note VERGLAS/See note ICE	46°53'20" N 71°05'24" W (approx)

NOTE: Digital data products 1317R/M and 79082(1317) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-037)

***751 ST. LAWRENCE RIVER - SOREL TO DESCHAMBAULT - Shoals.**

Charts (Which were affected) - 1312(NAD 83) - 1314(NAD 27) - 1338(NAD 27)

Reference: Notices 863(T)/93, 864(T)/93, 865(T)/93, 438(T)/96 and 439(T)/96 cancelled.

NOTE: Digital data products 1312R/M, 1314R/M, 1338R/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-Q98-048)

***746 ST. LAWRENCE RIVER - LAVALTRIE - Shoal depths.**

Chart (Last correction) - 1338(NAD 27)(1-4)(720/98)

1. Replace	11 feet with 8 feet	45°56'16".4 N 73°13'46".5 W
2. Add	5 feet	45 56 24.2 N 73 13 41 W
3. Add	8 feet	45 56 06.3 N 73 13 54.1 W
4. Add	10 feet	45 56 02.3 N 73 13 43.1 W

NOTE: Digital data products 1338R/M and 79010(1338) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-042)

***720 ST. LAWRENCE RIVER - CONTRECOEUR - Depth.**

Charts (Last correction) - 1338(NAD 27)(1)(646/97) - 1339(NAD 27)(1)(689/97)

1. Replace	33 feet with 27 feet	45°50'22".6 N 73°16'45".5 W
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NOTE: Digital data products 1338R/M, 1339R/M, 79010(1338) and 79013(1339) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-028)

***749 ST. LAWRENCE RIVER - CONTRECOEUR - Shoal depth.**

Chart (Last correction) - 1339(NAD 27)(1)(744/98)

1. Add	28 feet	45°49'47".6 N 73°17'19".2 W
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NOTE: Digital data products 1339R/M and 79013(1339) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-039)

***759 QUÉBEC - RIVIÈRE RICHELIEU - LACOLLE - Marina.**

Chart - 1351(Sheet 4, Pointe Naylor au Lac/to Lake Champlain)(NAD 27)(1)

1. Add marina symbol 45°03'38" N 73°20'08" W

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-Q98-050)

***744 ST. LAWRENCE RIVER - CAP SAINT-MICHEL - Shoal depths.**

Charts (Last correction) - 1339(NAD 27)(1,2)(720/98) - 1310(Compartment A-B)(NAD 83)(3)(526/98)

1. Add 10 feet 45°43'00".6 N 73°25'55".1 W

2. Add 22 feet 45 42 18.8 N 73 26 19.9 W

3. Add 6 metres 8 decimetres 45 42 19 N 73 26 18.4 W

NOTE: Digital data products 1310R/M, 1339R/M, 79001(1310) and 7901(1339) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-038)

***718 ST. LAWRENCE SEAWAY - LAC SAINT-LOUIS - Buoys.**

Chart (Last correction) - 1410(NAD 83)(1-20)(670/97)

1. Delete green light pillar buoy A5 45°24'16".1 N 73°44'10".1 W

2. Delete green light pillar buoy A27 45 23 00.1 N 73 48 24.4 W

3. Delete red light pillar buoy A28 45 23 04 N 73 48 31 W

4. Delete green spar buoy A35 45 21 47.1 N 73 50 03.1 W

5. Delete red spar buoy A36 45 21 51.5 N 73 50 09.4 W

6. Delete green spar buoy A41 45 21 06.8 N 73 51 16.7 W

7. Delete red spar buoy A42 45 21 14.1 N 73 51 22.1 W

8. Delete green spar buoy A47 45 20 38.4 N 73 52 31.2 W

9. Delete red spar buoy A48 45 20 45.4 N 73 52 36.7 W

10. Reposition red light pillar buoy A22 from 45 23 54 N 73 47 23.5 W
to 45 23 54.1 N 73 47 23.2 W

11. Reposition red light pillar buoy A24 from 45°23'29".4 N 73°47'56".3 W
to 45 23 15.9 N 73 48 15.2 W

12. Reposition green light pillar buoy A25 from 45 23 25.5 N 73 47 50.1 W
to 45 23 10.7 N 73 48 10.6 W

13. Reposition green spar buoy A29 from 45 22 36.1 N 73 48 56.8 W
to 45 22 39 N 73 48 53.8 W

14. Reposition red spar buoy A30 from 45 22 40.3 N 73 49 03.2 W
to 45 22 42.7 N 73 49 00.4 W

15. Reposition	green light pillar buoy A33	from	45 22 12.3 N 73 49 29.6 W
		to	45 22 06.5 N 73 49 38.1 W
16. Reposition	red light pillar buoy A34	from	45 22 15.7 N 73 49 36.9 W
		to	45 22 10.8 N 73 49 43.8 W
17. Reposition	green light pillar buoy A45	from	45 20 50.8 N 73 52 59.5 W
		to	45 20 57 N 73 51 42.4 W
18. Reposition	red light pillar buoy A46	from	45 20 57.2 N 73 52 05.3 W
		to	45 21 04.1 N 73 51 47.3 W
19. Add	green light pillar buoy "FI G" marked "A23"		45 23 42.9 N 73 47 26.7 W
20. Replace	yellow light pillar buoy Beauharnois C with a yellow spar buoy marked "Beauharnois C"		45 19 44.2 N 73 53 19.6 W

NOTE: Digital data products 1410R/M and 79045(1410) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-9)

(CCG-L98-022-026; DFO-Q98-030)

***761 QUÉBEC - OTTAWA RIVER - SAINTE-ANNE-DE-BELLEVUE - Channel.**

Charts (Last correction) - 1410(NAD 83)(1,2)(718/98) - 1510(Sheet 1)(Compartment A-B)(Carillon au Lac Saint-Louis)(NAD 27)(1,3,4)

1. Delete	pecked line of North channel	joining	45°24'06" N 73°54'36" W (approx)
		and	45 24 08 N 73 57 00 W (approx)
2. Delete	legend Chenal/Channel 5ft (1973)		45 24 00 N 73 56 30 W (approx)
3. Delete	legend Voir/See Note		45 24 00 N 73 56 20 W (approx)
4. Delete	note NOTE Chenal/Channel 5 ft (1973)		45 24 22 N 73 56 00 W (approx)

NOTE: Digital data products 1410R/M, 1510R/M and 79045(1410) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-Q98-052)

***704 QUÉBEC - BAIE DE VAUDREUIL - Buoy.**

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

1. Replace	red pillar buoy H22 with a red light pillar buoy "FI R" marked "H22"		45°25'28".7 N 73°59'10".2 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.

(AMA8035-10-5-9)

(CCG-L98-021; DFO-Q98-034)

***722 QUÉBEC - LAC DES DEUX MONTAGNES - ANSE DE VAUDREUIL AND OKA - Channel buoyed, light and depths.**

Chart - 1510(Sheet 1)(Compartment A-B)(Carillon au Lac Saint-Louis)(NAD 27)(1,2) - 1510(Sheet 1)(Inset, Oka)(NAD 27)(3) - 1510(Sheet 2)(Compartment B-C)(Baie de Vaudreuil à/to Laval)(NAD 27)(4,5)

Reference: Notices 653/97 and 692/97.

1. Amend	legend Chenal balisé/Channel Buoyed to read "Chenal balisé (Priv)/Channel buoyed (Priv)"	45°31'40" N 74°20'05" W (approx)
2. Delete	light	45 27 30.7 N 74 05 29.3 W
3. Delete	light	312° 311m (1020 ft) from lower right corner of Inset
4. Add	4 feet	45 26 10.7 N 74 02 03 W
5. Add	drying height 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-Q98-025)

***705 QUÉBEC - OTTAWA RIVER - FASSET AND LEFAIVRE - Lights.**

Chart - 1511(Sheet 3)(Papineauville à/to l'Orignal)(NAD 27)(1,2)

1. Delete	light	45°38'23" N 74°50'52" W
2. Delete	light	45 38 27.8 N 74 54 08 W

NOTE: Digital data product 1511R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-7-9)

(CCG-L98-034; DFO-Q98-035)

***714 ST. LAWRENCE SEAWAY - WILEY-DONDERO CANAL - Buoys.**

Chart (Last correction) - 1414(NAD 27)(1,2)(102/98)

1. Delete	green can buoy 47A	44°57'57" N 74°55'44" W
2. Delete	green can buoy 51A	44 57 39 N 74 57 33 W

NOTE: Digital data products 1414R/M and 73031(1414) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-C98-017; U.S. 21/93)

***738 LAKE ONTARIO - CAPE VINCENT - Depths.**

Chart - 1400(Compartment C-D)(Rockport to/à Lake Ontario)(NAD 27)(1)

1. Replace	33 feet with 83 feet	44°04'39" N 76°24'07" W
------------	----------------------	-------------------------

NOTE: Digital data product 1400R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-C98-033)

***754 OTTAWA RIVER -LAC DES ALLUMETTES - Chart amendment.**

Chart - 1553(Sheet 1)(NAD 27)(1-3)

Reference: Notice 563(P)/97 cancelled.

- | | | |
|----------|-------|---|
| 1. Affix | patch | 45°50'10" N 77°06'38" W (approx) |
| 2. Affix | patch | Inset: Desjardinsville (approx) |
| 3. Affix | patch | Inset: Pembroke Centenary Park (approx) |

NOTE: Digital data product 1553R/M may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-C98-011)

***748 LAKE ONTARIO - BOWMANVILLE - Submarine cable.**

Chart (Last correction) - LC 2058(1,2)(530/97)

- | | | |
|--------|-----------------------|--------------------------------|
| 1. Add | submarine cable | from 43°53'21" N 78°39'52".5 W |
| | | to 43 52 31 N 78 39 05 W |
| 2. Add | yellow spar buoy Priv | 43 52 31 N 78 39 05 W |

NOTE: Digital data products 2058R/M and 73064(2058) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-C98-036)

***747 LAKE ONTARIO - PICKERING - MOORE POINT - Submarine cable.**

Chart (Last correction) - LC2077(NAD 83)(1,2)(147/98)

- | | | |
|--------|-----------------------|--------------------------------|
| 1. Add | submarine cable | from 43°48'30" N 79°03'47".5 W |
| | | to 43 47 46 N 79 03 06 W |
| 2. Add | yellow spar buoy Priv | 43 47 46 N 79 03 06 W |

NOTE: Digital data products 2077R/M and 73091(2077) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-C98-035)

***713 LAKE ONTARIO - HAMILTON HARBOUR - Towers.**

Chart (Last correction) - 2067(NAD 27)(1,2)(101/98)

On certain copies.

- | | | |
|------------|------------------------------------|-----------------------------|
| 1. Replace | square tower with a circular tower | 43°17'58".5 N 79°47'43".7 W |
|------------|------------------------------------|-----------------------------|

"Tr"

2. Replace square tower with a circular tower 43 17 54.5 N 79 47 40.7 W
"Tr"

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

(AMA8035-10-35)

(DFO-C98-014)

***716 LAKE HURON - GEORGIAN BAY - COGNASHENE BY-PASS - Buoy.**

Charts (Last correction) - 2239(NAD 27)(1)(507/98) - 2289(2)(658/97)

1. Add green spar buoy marked "MG9/1" 44°56'18" N 79°56'53" W
2. Add green spar buoy marked "MG9/1" 44 56 13.6 N 79 56 56.5 W

NOTE: Digital data products 2239R/M, 73046(2239) and 73047(2289) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-5-13)

(CCG-D97-035; DFO-C98-016)

***715 LAKE HURON - BAYFIELD - Light.**

Charts (Last correction) - LC 2228(NAD 83)(1)(386/97) - 2261(NAD 27)(1)

1. Amend FG 9m to read "FG 10m" 43°34'12" N 81°42'27" W (approx)

NOTE: Digital data products 2228R/M, 2261R/M, 73092(2228) and 73143(2261) may also be affected. Contact Nautical Data International Inc. (NDI) or your local Value Added Remarketers (VAR) for updates.

(AMA8035-10-35)

(DFO-C98-018)

***737 PRAIRIE BAY - RANKIN INLET - Elevation.**

Chart (Last correction) - 5628(NAD 83)(1)(657/97)

1. Delete tower elevation of (46) metres 62°48'37".4 N 92°06'12" W

(AMA8035-10-35)

(DFO-C98-025)

***724 NORTHWEST TERRITORIES - MACKENZIE RIVER - MILE 192 - Range.**

Chart - 6409(and Continuation A)(1)

1. Delete unlit range and legend RAM 61°49'08" N 120°50'08" W

(AMA8035-10-1)

(CCG-A97-011, DFO-P97-071)

***725 NORTHWEST TERRITORIES - MACKENZIE RIVER - MILE 208 - Danger zone.**

Chart - 6409(1)

1. Reposition legend DANGER ZONE # 2 from 61°52'57" N 121°20'30" W
to 61 51 50 N 121 17 38 W

(AMA8035-10-1)

(CCG-A96-020, DFO-P97-072)

***727 NORTHWEST TERRITORIES - MACKENZIE RIVER - MILE 328.5 - Daybeacon.**

Chart - 6413(1,2)

1. Delete port hand daybeacon 62°51'52" N 123°14'03" W

2. Delete port hand daybeacon 62 51 22 N 123 14 00 W

(AMA8035-10-8-5)

(CCG-A96-126, 180, DFO-P97-074)

***728 NORTHWEST TERRITORIES - MACKENZIE RIVER - MILES 343.9, 344.4 AND 351.1 - Buoys.**

Chart - 6413(1-3)

1. Add red conical buoy 63°04'30" N 123°17'14" W

2. Add green can buoy 63 04 55 N 123 17 18 W

3. Add red conical buoy 63 09 54 N 123 21 08 W

(AMA8035-10-5-18)

(TC-A95-013, 017, DFO-P97-075)

***726 NORTHWEST TERRITORIES - MACKENZIE RIVER - MILE 286.9 - Range lights.**

Chart - 6412(1,2)

1. Delete leading beacons 62°17'50" N 123°24'26" W (approx)

2. Add range lights

Front - F 14 m 62 17 50 N 123 24 26 W

Rear - F 30 m 315° 75m from front light

(AMA8035-10-7-18)

(CCG-A97-114, DFO-P97-073)

***729 NORTHWEST TERRITORIES - MACKENZIE RIVER - MILE 425 - Range.**

Chart - 6415(1)

1. Delete unlit range and legend RAM 64°02'30" N 124°25'16" W

(AMA8035-10-1)

(CCG-A97-118, DFO-P97-076)

***730 NORTHWEST TERRITORIES - MACKENZIE RIVER - MILE 436.7 Chart amendment.**

Chart - 6415(1)

1. Reposition green can buoy from 64°11'41" N 124°25'44" W
to 64 11 35 N 124 25 44 W

(AMA8035-10-35)

(DFO-P97-077)

***731 NORTHWEST TERRITORIES - MACKENZIE RIVER - MILE 467.5 - Range and daybeacon.**

Chart - 6416(1,2)

1. Delete unlit range and legend RAM 64°31'46" N 124°56'33" W

2. Add starboard daybeacon 64 31 46 N 124 56 33 W

(AMA8035-10-35)

(DFO-P97-078)

***732 NORTHWEST TERRITORIES - MACKENZIE RIVER - MILE 487.7 - Buoy.**

Chart - 6416(1)

1. Add green can buoy 64°41'27" N 125°05'48" W

(AMA8035-10-5-18)

(TC-A95-020, DFO-P97-079)

***733 NORTHWEST TERRITORIES - MACKENZIE RIVER - MILE 594.1 - Buoy.**

Chart - 6419(1)

1. Reposition red conical buoy from 65°31'14" N 127°40'16" W
to 65 31 22 N 127 40 44 W

(AMA8035-10-5-18)

(CCG-A97-033, DFO-P97-080)

***734 NORTHWEST TERRITORIES - MACKENZIE RIVER - MILE 623.7 - Buoy.**

Chart - 6420(1)

1. Reposition red conical buoy from 65°38'35" N 128°33'25" W
to 65 39 04 N 128 34 00 W

(AMA8035-10-5-18)

(CCG-A97-032, DFO-P97-081)

***736 NORTHWEST TERRITORIES - MACKENZIE RIVER - TUKTOYAKTUK HARBOUR - Chart amendments.**

Chart - 6431(1-6)

1. Delete red conical buoy 12 69°28'28" N 133°02'18" W

2. Delete red conical buoy 8 69 29 13 N 133 03 50 W

3. Delete red conical buoy 6 69 29 37 N 133 04 41 W

4. Delete red conical buoy 4 69 30 02 N 133 05 30 W

5. Delete red conical buoy 2 69 30 27 N 133 06 18 W

6. Delete red conical buoy 14 69 28 10 N 133 01 43 W

(AMA8035-10-35)

(DFO-P97-083)

***735 NORTHWEST TERRITORIES - MACKENZIE RIVER - TUKTOYAKTUK HARBOUR - Buoys.**

Charts (Last correction) - 7685(1,3)(154/98) - 6431(1,2)

1. Delete red conical buoy 10 69°28'56" N 133°03'00" W

2. Delete red conical buoy 18 69 27 57 N 133 01 02 W

3. Delete red conical buoy 18

(AMA8035-10-5-18)

69 27 56.7 N 133 01 03.6 W

(CCG-A96-078, 063, DFO-P97-082)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Labrador and Hudson Bay, Sixth Edition, 1988 —

Page 14 — Table **CANADIAN COAST GUARD RADIO STATIONS** (Re : Remarks) —

“Killinek and Coral Harbour”

Delete: Frobisher Bay

Replace by: Iqaluit (N17/98)

Page 14 — Table **CANADIAN COAST GUARD RADIO STATIONS** (Re : Station name)

Delete: Frobisher Bay (Iqaluit)

Replace by: Iqaluit (N17/98)

Page 14 — Table **CANADIAN COAST GUARD RADIO STATIONS** after “Coral Harbour
N.W.T.”

Add :

Resolute	74°45'N	Call Iqaluit
N.W.T.	94°58'W	Coast Guard Radio

(N17/98)

Gulf of St. Lawrence, First Edition, 1992 —

Page 172 — Paragraph 154, lines 4 to 6

Delete: “Starboard ... range.”

ATL 100 — General Information, Atlantic Coast, First Edition, 1992 —

Page 2 — Paragraph 4, lines 4 to 6

Delete: “A light ... patch.”

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

Page 55 — Paragraph 408, lines 1 and 2

Delete: “Comfort Cove (call sign VOO)”

Replace by: St. Anthony (call sign VCM) remotely (N16/98)

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

Page 78 — Paragraph 132, lines 1 and 2

Delete: “St. Lawrence (call sign VCP) is”

Replace by: Placentia (call sign VCP) remotely operates from a position (N15/98)

ATL 107 — Saint John River, First Edition, 1994 —

Page 28 — Paragraph 87, lines 3 to 5

Delete: “A ... clubhouse.”

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 62 — Paragraph 39, line 3 (re: correction promulgated in Monthly Edition No. 5/97)

Delete: YB

Replace by: EAB

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

Page 8 — Delete paragraph 84

Replace by: ⁸⁴ There is a public **wharf** at Aguanish used by fishermen. It is on the west shore downstream of the bridge that crosses Rivière Aguanish. This L shaped wharf, with an outer face of 52 ft (15.7 m) long, is accessible at high water only. (L17/98)

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

Page 13 — **Table 1.4 Port of Trois-Rivières Wharves**

Change the following information in the “**Wharf Length**” column.

Berth	Wharf Length	
	m	(ft)
Canada Ports Corporation		
3	165	(541)

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

Page 9 — Paragraph 111, last line

Add: The lights operate at night only.

CEN 302 — Lake Ontario, First Edition, 1996 —

Page 48 — After paragraph 104

Insert: 104.1 A **submerged cable** extends one mile offshore in a SE direction on the east side of the east breakwater. The position of a submerged current meter at the outer end of the cable is marked by a privately maintained **buoy**.

(C02/98)

Page 54 — After paragraph 185

Insert: 185.1 A **submerged cable** extends 0.9 mile offshore in a SE direction from the generating station. The position of a submerged current meter at the outer end of the cable is marked by a privately maintained **buoy**.

(C02/98)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Small Craft Guide, Rideau Waterway and Ottawa River, Second Edition –
Chapter VIII – After paragraph 24

Insert: 24.1 **Dockage.** – *Hull Casino* free docking facilities, 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 wharf, boaters must report to the control station located at the Lac Leamy entrance on Rivière Gatineau; there is a waiting dock and boaters can obtain information regarding 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.

(L19/98)

Chapter VIII – Delete paragraph 120

Replace by: 120 The buoyed channel leads SE from Sainte-Anne lock and passes between two dykes to skirt round the extensive area of drying rock and shingle.

(L18/98)

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
-----	------	--	--------------------------	--	-----------------------	--	---------------------------------

Newfoundland

0.5 Virgin Rocks light and whistle buoy VR1 Delete from List. Chart:4049
739/98

Atlantic

140.8 Goat Island Delete from List. Chart:4142
Edn 04/98

144 Lower Lincoln Delete from List. Chart:4142
Edn 04/98

144.2 Lower Lincoln light buoy H53 Delete from List. Chart:4142
Edn 04/98

144.4 Upper Maugerville wharf Delete from List. Chart:4142
Edn 04/98

1330 Bathurst Harbour Entrance light buoy EP2 Delete from List. Chart:4920
711/98

1330.3 Bathurst Entrance light buoy EP5 Delete from List. Chart:4920
711/98

1330.41 Bathurst Entrance light buoy EP15 Delete from List. Chart:4920
711/98

1330.5 Bathurst Entrance light buoy EP22 Delete from List. Chart:4920
711/98

1330.6 Bathurst Entrance light buoy EP25 Delete from List. Chart:4920
711/98

1330.7 Bathurst Entrance light buoy EP28 Delete from List. Chart:4920
711/98

1330.8 Bathurst Entrance light buoy EP29 Delete from List. Chart:4920
711/98

1332.1 Bathurst Harbour light buoy EP31 Delete from List. Chart:4920
711/98

1332.2 Bathurst Harbour light buoy EP32 Delete from List. Chart:4920
711/98

1332.3 Bathurst Harbour light buoy EP33 Delete from List. Chart:4920
711/98

1332.4 Bathurst Harbour light buoy EP34 Delete from List. Chart:4920
711/98

1332.45 Bathurst Harbour light buoy EP35 Delete from List. Chart:4920
711/98

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 (Cont'd)

1332.5	Bathurst Harbour light buoy EP38						Delete from List. Chart:4920 711/98
1332.7	Bathurst Harbour light buoy EP42						Delete from List. Chart:4920 711/98
1334.2	Bathurst Harbour light buoy EP48						Delete from List. Chart:4920 711/98
1334.4	Bathurst Harbour light buoy EP49						Delete from List. Chart:4920 711/98
1334.5	Bathurst Harbour bifurcation light buoy EP	47 38 01.9 65 39 06.9	Fl R (2+1)	6s	.....	Red, green and red, boat type, marked "EP".	Seasonal. Chart:4920 711/98
1336.4	Bathurst Harbour light buoy EP58						Delete from List. Chart:4920 711/98
1336.6	Bathurst Harbour light buoy EP61						Delete from List. Chart:4920 711/98
1371 H1658	Pointe Bonaventure						Delete from List. Chart:4486 717/98
1407 H1726	Percé						Delete from List. Chart:4485 717/98
1489	Étang du Nord light and bell buoy YS1						Delete from List. Chart:4951 721/98
1489.7	Étang du Nord South Cardinal light buoy YT						Delete from List. Chart:4951 721/98
1489.8	Étang du Nord, East Cardinal light buoy YS						Delete from List. Chart:4951 721/98
1491.1	Étang du Nord North breakwater	On outer end. 47 22 12.2 61 57 42.1	Fl G	3s	5.4	..... Square skeleton tower. 3.7	Flash 1 s; eclipse 2 s Emergency light. Seasonal. Delete fog signal. Chart:4951 721/98
1496.4	Cap-aux-Meules light buoy YD4						Delete from List. Chart:4956 721/98
1499	Île Le Corps Mort (Deadman) West Cardinal light and whistle buoy Y						Delete from List. Chart:4951 721/98
1499.5	Millerand wharf Fog Signal						Delete from List. Chart:4951 721/98

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
-----	------	--	--------------------------	--	-----------------------	--	---------------------------------

Atlantic (Cont'd)

1509 H894	Île d'Entrée	On S. side of island. 47 16 03.5 61 42 18.1	Iso W 5s	30.9	.....	White octagonal tower. 14.5	Emergency light. Year round. Delete fog signal. Chart:4951 721/98
1755	Bon Désir	48 16 19.5 69 28 07.2	Fl W 6s	44.5	15	White octagonal tower, red upper portion.	Flash 1 s. eclipse 5 s. Night emergency light. Year round. Chart:1235 707/98
2025 H2364	Pointe des Grondines Upper range	On river bank. 46 35 06.2 72 05 53.6	F G	7.0	17	White circular tower, fluorescent orange daymark, black vertical stripe. 6.4	Visible in line of range. Year round. Delete Night emergency light.
2026 H2364.1		047°20' 2011.7m from front.	F G	27.4	17	White skeleton tower, fluorescent orange slatwork daymark, black vertical stripe. 13.7	Visible in line of range. Year round. Delete Night emergency light. Chart:1314 Edn 04/98

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 and Inland List of Lights

The following aids have been renumbered and will be moved to the end of the Atlantic List of Lights under the heading "Inland Waters". These aids now fall under the Inland Waters List of Lights jurisdiction. However, they will be included in both the Atlantic and Inland List of Lights.

Old Inland L.L. #	New Inland Waters L.L. #	Old Atlantic L.L. #	New Inland Waters L.L. #
1828	2500	1434.06	2571
1816.4	2503	1434.07	2572
1816.5	2504	1434.08	2573
1816.6	2505	1434.09	2574
1816.7	2506	1434.1	2575
1817	2507	1434.5	2576
1818	2508	1435	2577
1819	2509	1435.5	2578
1820	2510	1436	2579
1821	2511	1436.5	2580
1821.2	2512	1436.8	2581
1821.3	2513	1437	2582
1822	2514	1437.1	2583
1823	2515	1437.4	2584
1824	2516	1437.6	2585
1824.3	2517	1437.7	2586
1824.5	2518	1452.3	2600
Old Atlantic L.L. #	New Inland Waters L.L. #	1453.2	2601
1475.1	2520	1453.3	2602
1475.2	2521	1453.4	2603
1475.3	2522	1454	2605
1475.4	2523	1455	2606
1475.5	2524	1456	2607
1475.6	2525	1457	2608
1475.8	2530	1458	2609
1475.9	2531	1459	2610
1451	2545	1460	2611
1452	2546	1461	2612
1450	2547	1462	2613
1449	2548	1463	2614
1448	2549	1464	2615
1446	2550	1465	2616
1447	2551	1466	2617
1447.5	2552	1467	2618
1445	2553	1468	2619
1444	2554	1469	2620
1443.3	2555	1470	2621
1443	2556	1471	2622
1442	2557	1472	2625
1440	2558	1472.5	2626
1441	2559	1473	2627
1439	2560	1474	2628
1438	2565	1475.01	2629
1434.01	2566	1475.03	2630
1434.02	2567	1475.04	2631
1434.03	2568	1475.05	2632
1434.04	2569		
1434.05	2570		

MACKENZIE RIVER - MACKENZIE BAY - ARCTIC OCEAN

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 (Cont'd)

Inland LL 2514	Tuktoyaktuk Eastern Entrance range	69 27 17.7 132 58 19.8	F	W		14.6	Tower, orange daymark, white vertical stripe. 6.1	Year round	
Inland LL 2515		134°02' 124.6m from front.	F	W		22.9	.....	Tripod tower, orange daymark, white vertical stripe. 9.0	Year round.	Chart:7685
Inland LL 2516	North Peak Racon -. (N) X & S Band	On North Peak. 69 35 54 132 55 30	Fl	W	4s	44.2	.....	Tripod tower.	Year round.	Chart:7663
Inland LL 2517	Tuft Point	69 44 30 132 29 00	Fl	W	4s	21.5	.....	Tower. 9.1	Radar reflector. Year round.	Chart:7663
Inland LL 2518	Atkinson Point Racon -. (K) X Band	69 56 54 131 26 42	Fl	W	4s	22.6	.....	Tower.	Radar reflector. Year round.	Chart:7663

Cambridge Bay

Inland LL 2520 H13.8	Cambridge Bay range 1	69 02 22 104 55 02	F	Y		13.4	.....	Tower, fluorescent red and white vertical stripes.	Visible in line of range. Radar reflector. Year round	
Inland LL 2521 H13.81		095° 1280.2m from front.	F	Y		19.2	.....	Tower, fluorescent red and white vertical stripes.	Visible in line of range. Radar reflector. Year round.	Chart:7696
Inland LL 2522 H13.84	Cambridge Bay range 2	69 05 13 104 57 07	F	Y		9.5	.....	Fluorescent red circular tower.	Visible in line of range. Year round	
Inland LL 2523 H13.85		015° 426.7m from front.	F	Y		12.8	.....	Fluorescent red circular tower.	Visible in line of range. Year round.	Chart:7696
Inland LL 2524 H13.87	Cambridge Bay range 3	69 02 53.7 104 54 42	F	Y		6.5	.....	Tripod tower, orange daymark, white vertical stripe.	Radar reflector. Year round	
Inland LL 2525 H13.88		137° 1,493.5m from front.	F	Y		6.7	.....	Tripod tower, orange daymark, white vertical stripe.	Radar reflector. Year round	Chart:7750
			F	Y		18.0	.....	Tower, fluorescent red and white vertical stripe.	Radar reflector. Year round	
			F	Y		19.2	.....			Chart:7750

MACKENZIE RIVER - MACKENZIE BAY - ARCTIC OCEAN

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 (Cont'd)

Resolute Bay

Inland LL 2530 H14.5	Resolute Bay range 4	74 41 08.6	Q	W	1s	46.4	Square skeleton tower, fluorescent orange daymark, black vertical stripe.	Seasonal
		94 48 01.3						12.2	
Inland LL 2531 H14.51		023°07' 303.8m from front.	Q	W	1s	58.2	....	Square skeleton tower, fluorescent orange daymark, black vertical stripe.	Seasonal.
								7.6	Chart:7511

HUDSON STRAIT AND BAY

Inland LL 2545 H34	Bear Island	On E. side of entrance to Coral Harbour.	Fl	W	6s	20.1	8	Red and white square skeleton tower, fluorescent orange rectangular daymark.	Flash 1 s; eclipse 5 s Radar reflector. Seasonal
		64 00 30 83 13 01							11.9
Inland LL 2546 H35		W. of Coral Harbour, Southampton Island.	Fl	W	6s	21.0	7	Square skeleton tower, 2 fluorescent orange rectangular daymarks, black vertical stripe.	Flash 1 s; eclipse 5 s Radar reflector. Seasonal.
								10.7	Chart:5410
Inland LL 2547 H33.4	Walrus Island (Fisher Strait)	Centre of island. 63 13 30 83 39 00	Fl	W	6s	54.9	8	Skeleton tower, 3 fluorescent orange rectangular daymarks, black vertical stripe.	Flash 1 s; eclipse 5 s Radar reflector. Seasonal.
								9.1	Chart:5449
Inland LL 2548 H33	Cape Pembroke	NE. end of Coats Island. 62 54 30 81 53 30	Fl	W	6s	50.3	10	Square skeleton tower, fluorescent orange daymark.	Flash 1 s; eclipse 5 s Seasonal.
								11.0	Chart:5449
Inland LL 2549 H32	Coats Island Racon -- (C) X & S Band	On Carys Swan Nest, SE. point of island. 62 10 20 83 08 00	Fl	W	6s	12.5	7	Red and white skeleton tower, fluorescent orange slatwork daymark.	Flash 1 s; eclipse 5 s Shoal water surrounds this point and should not be approached nearer than 5 miles. Radar reflector. Seasonal.
								11.0	Chart:5449
Inland LL 2550 H36	Mansel Island Racon -- (K) X & S Band	N. extremity of island. 62 25 00 79 36 30	Fl	W	6s	18.6	7	Square skeleton tower, 3 fluorescent orange rectangular daymarks, black vertical stripe.	Flash 1 s; eclipse 5 s Radar reflector. Seasonal.
								15.2	Chart:5449
Inland LL 2551 H36.1	Cape Acadia (Mansel Island)	S. extremity of island. 61 35 00 79 48 30	Fl	W	6s	23.5	10	Square skeleton tower, fluorescent orange daymarks on S. and W. sides.	Flash 1 s; eclipse 5 s Radar reflector. Seasonal.
								19.2	Chart:5449

HUDSON STRAIT AND BAY

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 (Cont'd)

Inland LL 2552 H36.4	Broomfield Island Racon -. (N) X & S Band	55 40 24 79 14 18	Fl R 6s	38.7	5	Square skeleton tower, 2 fluorescent orange rectangular daymarks on E. and S. faces. 7.6	Flash 1 s; eclipse 5 s Radar reflector. Seasonal. Chart:5707
Inland LL 2553 H38	Digges Islet	On NW. islet of the Digges Islands. 62 35 14 78 06 36.8	Fl W 6s	27.7	10	Square skeleton tower, fluorescent orange square daymark. 7.9	Flash 1 s; eclipse 5 s Radar reflector. Seasonal. Chart:5412
Inland LL 2554 H40	Nottingham Island Racon -. (N) X & S Band	On S. extremity of island. 63 05 10 77 57 00	Fl W 6s	27.7	7	Square skeleton tower, 3 fluorescent orange rectangular daymarks, black vertical stripe. 12.2	Flash 1 s; eclipse 5 s Radar reflector. Seasonal. Chart:5449
Inland LL 2555 H41	Arctic Island	On centre of island. 62 14 28 74 45 44	Fl W 6s	29.6	8	Red and white square skeleton tower, fluorescent orange rectangular daymark. 6.7	Flash 1 s; eclipse 5 s Seasonal. Chart:5457
Inland LL 2556 H42	Charles Island West End	62 42 30 74 40 00	Fl W 6s	20.7	8	Red and white square skeleton tower, fluorescent orange rectangular slatwork daymark. 16.1	Flash 1 s; eclipse 5 s Radar reflector. Seasonal. Chart:5450
Inland LL 2557 H44	Charles Island East End Racon --. (C) X & S Band	62 36 28 73 56 12	Fl W 6s	61.0	6	Square skeleton tower, 3 fluorescent orange rectangular daymarks. 6.4	Flash 1 s; eclipse 5 s Radar reflector. Seasonal. Chart:5450
Inland LL 2558 H48	Wales Island	E. extremity of island. 61 51 38 71 58 00	Fl W 6s	83.2	8	Square skeleton tower, 3 fluorescent orange rectangular daymarks, black vertical stripe. 6.7	Flash 1 s; eclipse 5 s Radar reflector. Seasonal. Chart:5390
Inland LL 2559 H50	Ashe Inlet	E. end of Rabbit Island. 62 32 00 70 33 35	Fl W 6s	73.2	8	Red and white square skeleton tower, fluorescent orange rectangular daymark. 6.1	Flash 1 s; eclipse 5 s Seasonal. Chart:5316
Inland LL 2560 H52	Cape Hopes Advance	61 04 41 69 33 32	Fl W 6s	82.3	8	Square skeleton tower, two fluorescent orange rectangular daymarks. 6.2	Flash 1 s; eclipse 5 s Seasonal. Chart:5452
Inland LL 2565 H53	Radio Island (Resolution Island)	W. side of island. 61 18 28 64 53 16	Fl W 6s	39.3	7	Square skeleton tower, fluorescent orange daymark. 7.0	Flash 1 s; eclipse 5 s Seasonal. Chart:5459

HUDSON STRAIT AND BAY

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 (Cont'd)

Iqaluit (Frobisher Bay)

Inland LL 2566 H53.4	Cape Poillon range	63 07 55.9 67 52 14.8	Iso W 2s	84.0	Square skeleton tower, fluorescent orange daymark. 7.6	Seasonal
Inland LL 2567 H53.4 1		149°28' 3427.9m from front.	Iso W 2s	203.5	....	Square skeleton tower, fluorescent orange daymark. 12.2	Seasonal. Chart:7125
Inland LL 2568 H53.5	Cape Poillon West	63 08 49.8 67 55 00.8	Fl Y 6s	38.9	....	Square skeleton tower, fluorescent orange daymarks on S., E., and N. sides. 9.1	Flash 1 s; eclipse 5 s Seasonal. Chart:7125
Inland LL 2569 H54	Basset Point	63 12 43.5 67 57 47.2	Fl R 6s	18.3	....	Square skeleton tower, fluorescent orange daymarks on S., W., and N. side. 9.1	Flash 1 s; eclipse 5 s Seasonal. Chart:7125
Inland LL 2570 H54.2	Pike Island range 1	63 13 47.4 67 59 54.3	Iso W 2s	28.0	....	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 15.5	Visible in line of range. Seasonal
Inland LL 2571 H54.2 1		329°28' 385.4m from front.	Iso W 2s	44.4	....	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 15.2	Visible in line of range. Seasonal. Chart:7125
Inland LL 2572 H54.3	Pike Island No. 2 range	63 15 04.1 68 01 46.8	Iso W 2s	20.9	....	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 7.6	Seasonal
Inland LL 2573 H54.3 1		146°04' 2463.2m from front.	Iso W 2s	52.0	....	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 15.2	Seasonal. Chart:7125
Inland LL 2574 H54.4	Quadrifid Island	63 18 13.8 68 07 47.2	Fl G 6s	33.6	....	Square skeleton tower, fluorescent orange daymarks on S., E., and N. sides. 9.1	Flash 1 s; eclipse 5 s Seasonal. Chart:7125
Inland LL 2575 H54.6	Lapointe Rock	63 21 35.9 68 14 23.5	Fl W 6s	14.0	....	Square skeleton tower, fluorescent orange daymarks on S., E., and N. 9.1	Flash 1 s; eclipse 5 s Seasonal. Chart:7125
Inland LL 2576 H56.4	Monument Island	On summit of island. 63 41 47.1 68 30 37.7	Fl R 6s	47.9	6	Square skeleton tower, fluorescent orange daymarks facing S., E., and N. 8.5	Flash 1 s; eclipse 5 s Radar reflector. Seasonal. Chart:7127
Inland LL 2577	White Top Ledge light buoy N22	SW. of ledge. 63 42 42.9 68 30 34.1	Fl R 4s	.....	....	Red, boat type, marked "N22".	Seasonal Chart:7127

HUDSON STRAIT AND BAY

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 (Cont'd)

Iqaluit (Frobisher Bay) - (Cont'd)

Inland LL 2578	Inuit light buoy N23	E. of reef. 63 42 54.4 68 31 08.9	Fl G	4s	Green, boat type, marked "N23".	Year round.	Chart:7127
Inland LL 2579	Polaris Reef light buoy N26	S. of reef. 63 43 11.5 68 31 12.6	Fl R	4s	.....	.....	Red, boat type, marked "N26".	Seasonal	Chart:7127
Inland LL 2580 H55	Long Island	Koojesse Inlet. 63 43 24.1 68 30 31.6	Fl W	6s	27.4	.....	Square skeleton tower, fluorescent orange daymarks on S., W., and N. sides. 4.6	Flash 1 s; eclipse 5 s Seasonal.	Chart:7127
Inland LL 2581	Black Ledge light buoy N30	W. of ledge. 63 43 32.6 68 31 34.8	Fl R	4s	.....	.....	Red, boat type, marked "N30".	Year round.	Chart:7127
Inland LL 2582 H55.5	Frobisher Bay (Iqaluit) range	63 43 32 68 32 17.1	Iso R	2s	17.5	.....	Square skeleton tower, orange daymark. 15.2	Visible in line of range. Seasonal	
Inland LL 2583 H55.51		229°57' 576.2m from front.	Iso R	2s	55.8	.....	Square skeleton tower, orange daymark. 7.6	Visible in line of range. Seasonal.	Chart:7127
Inland LL 2584 H56	Frobisher Landing	Koojesse Inlet. 63 44 09.3 68 32 01.4	Fl Y	6s	5.0	7	Square skeleton tower, fluorescent orange daymarks on 3 sides. 4.6	Flash 1 s; eclipse 5 s Seasonal.	Chart:7127
Inland LL 2585 H56.2	Koojesse Inlet range	63 44 36.8 68 31 50.9	F G		12.8	.....	Square skeleton tower, fluorescent orange daymark. 12.1	Visible in line of range. Year round	
Inland LL 2586 H56.21		344°12' 418.5m from front.	F G		30.1	.....	Square skeleton tower, fluorescent orange daymark. 15.2	Visible in line of range. Year round.	Chart:7127
Inland LL 2600 H35.4	Mission Lake	Chesterfield Inlet. 63 20 35.5 90 41 14	Fl W	6s	15.8	9	Square skeleton tower, fluorescent orange rectangular daymark. 9.1	Flash 1 s; eclipse 5 s Radar reflector. Year round.	Chart:5620
Inland LL 2601 H24	Dunne Foxe Island	On Easternmost Island. 62 15 20 92 00 24	Fl W	6s	21.7	8	Square skeleton tower. 9.1	Flash 1 s; eclipse 5 s Radar reflector. Year round.	Chart:5397
Inland LL 2602 H25	Walrus Island Racon --- (Y) X Band	Mistake Bay. 61 58 12 92 27 48	Fl W	6s	14.6	8	Triangular skeleton tower, fluorescent orange rectangular daymark. 9.1	Flash 1 s; eclipse 5 s Radar reflector. Year round.	Chart:5397

HUDSON STRAIT AND BAY

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
Inland LL 2603 H25.5	Sentry Island Racon -.-. (C) X & S Band	61 09 34.6 93 52 14.5	Fl W 6s	35.6	7	Square skeleton tower. 15.2	Flash 1 s; eclipse 5 s Year round. Chart:5398
Churchill Harbour							
Inland LL 2605	Churchill Harbour light and bell buoy	58 49 40.3 94 06 16.5	Mo(A) W	.....	....	Red and white vertical stripes.	Year round. Chart:5640
Inland LL 2606	Merry Rock light and bell buoy C1	NW. of rock. 58 47 29.8 94 12 19.5	Q G 1s	.....	....	Green, marked "C1".	Year round. Chart:5640
Inland LL 2607	Merry Rock light buoy C2	58 47 40.8 94 12 23.5	Q R 1s	.....	....	Red, marked "C2".	Year round. Chart:5640
Inland LL 2608 H28	Fort Prince of Wales range	58 47 39.4 94 12 56	F W	9.0	....	Triangular skeleton tower, fluorescent orange daymark, black vertical stripe. 6.0	Visible in line of range. Year round
Inland LL 2609 H28.1		343°49' 385.2m from front.	F W	12.0	....	Triangular skeleton tower, fluorescent orange daymark, black vertical stripe. 9.1	Visible in line of range. Year round. Chart:5640
Inland LL 2610 H29	Ship Point range	58 47 28.1 94 13 22.7	F W	10.0	....	Triangular skeleton tower, fluorescent orange daymark, black vertical stripe.	Visible in line of range. Year round
Inland LL 2611 H29.1		317°37' 196.3m from front.	F W	14.0	....	Triangular skeleton tower, fluorescent orange daymark, black vertical stripe.	Visible in line of range. Year round. Chart:5640
Inland LL 2612 H27	Churchill range	58 47 00.9 94 13 59.2	F W	24.0	....	Triangular skeleton tower, fluorescent orange slatwork daymark.	Visible in line of range. Year round
Inland LL 2613 H27.1		236°25' 1632.8m from front.	F W	48.0	....	Triangular skeleton tower, fluorescent orange slatwork daymark.	Visible in line of range. Year round. Chart:5640
Inland LL 2614	Merry Rock light buoy C4	58 47 22.8 94 12 57	Fl R 4s	.....	....	Red, marked "C4".	Year round. Chart:5640
Inland LL 2615	Cape Merry light buoy C3	58 47 17.8 94 12 32	Fl G 4s	.....	....	Green marked "C3".	Year round. Chart:5640
Inland LL 2616	Cape Merry light buoy C5	58 47 09.8 94 12 33	Fl G 4s	.....	....	Green, marked "C5".	Year round. Chart:5640
Inland LL 2617	Cape Merry light buoy C6	58 47 02.3 94 12 48	Fl R 4s	.....	....	Red, marked "C6".	Year round. Chart:5640

HUDSON STRAIT AND BAY

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 (Cont'd)

Churchill Harbour - (Cont'd)

Inland LL 2618	Churchill wharf Approach light buoy C7	58 46 50.8 94 12 11	Fl G 4s	Green, marked "C7".	Year round.	Chart:5640
Inland LL 2619	Churchill wharf light buoy C9	58 46 45.8 94 11 57	Fl G 4s	.....	....	Green, marked "C9".	Year round.	Chart:5640
Inland LL 2620	Churchill wharf light buoy C8	58 46 43.3 94 12 13	Fl R 4s	.....	....	Red, marked "C8".	Year round.	Chart:5640
Inland LL 2621	Churchill wharf light buoy C10	S. end of wharf. 58 46 16.8 94 11 40	Fl R 4s	.....	....	Red, marked "C10".	Year round.	Chart:5640
Inland LL 2622 H26	Churchill Harbour Radiobeacon Racon --. (G) X & S Band	On E. side of harbour. 58 46 29.1 94 11 22.2	Fl R 6s	66.4	....	On top of grain elevator. 61.2	Flash 1 s; eclipse 5 s Year round.	Chart:5640

Buoys are placed by local knowledge to mark changing channel and may not be in the position shown.

Inland LL 2625	Moose River Approach light buoy M	51 26 04 80 15 56.7	Mo(A) W	.....	.....	Red and white vertical stripes, marked "M".	Year round.	Chart:5860
Inland LL 2626	Moose River Approach light buoy M2	51 25 05 80 18 19	Fl R 4s	.....	....	Red, marked "M2".	Year round.	Chart:5860
Inland LL 2627	Ship Sands Island light buoy M6	51 21 31 80 24 13.8	Fl R 4s	.....	....	Red, boat type, marked "M6".		Chart:5860
Inland LL 2628	Moose River East Bar light buoy M5	51 23 24 80 22 03	Fl G 4s	.....	....	Green, boat type, marked "M5".		Chart:5860
Inland LL 2629	Moosonee light buoy M14	51 16 39 80 37 27	Fl R 4s	.....	....	Red, boat type, marked "M14".		Chart:5861
Inland LL 2630	Charles Island light buoy M16	N. of island. 51 16 01 80 37 48	Fl R 4s	.....	....	Red, boat type, marked "M16".		Chart:5861
Inland LL 2631	Charles Island light buoy M17	51 16 01 80 37 44	Fl G 4s	.....	....	Green, boat type, marked "M17".	Year round.	Chart:5861
Inland LL 2632 H36.8	Charles Island	NE. corner of island. 51 15 30 80 38 09	Fl W 4s	9.1	....	Skeleton tower.	Year round.	Chart:5861

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

1	Light buoy V29						Delete from List.	Chart:1409 Edn 4/98
2	Light buoy V32						Delete from List.	Chart:1409 Edn 4/98
3	Light buoy V33						Delete from List.	Chart:1409 Edn 4/98
8	Light buoy A5						Delete from List.	Chart:1410 718/98
18	Light buoy A22	45 23 54.1 73 47 23.2	Fl R 4s	.....	....	Red, marked "A22".	Winter spar. Year round.	Chart:1410 718/98
18.5	Light buoy A23	45 23 42.9 73 47 26.7	Fl G 4s	.....	....	Green, marked "A23".	Year round.	Chart:1410 718/98
19	Light buoy A25	45 23 10.7 73 48 10.6	Fl G 4s	.....	....	Green, marked "A25".	Winter spar. Year round.	Chart:1410 718/98
19.5	Light buoy A24	45 23 15.9 73 48 15.2	Fl R 4s	.....	....	Red, marked "A24".	Winter spar. Year round.	Chart:1410 718/98
20	Light buoy A27						Delete from List.	Chart:1410 718/98
21	Light buoy A28						Delete from List.	Chart:1410 718/98
22	Light buoy A33	45 22 06.5 73 49 38.1	Fl G 4s	.....	....	Green, marked "A33".	Winter spar. Year round.	Chart:1410 718/98
23	Light buoy A34	45 22 10.8 73 49 43.8	Fl R 4s	.....	....	Red, marked "A34".	Winter spar. Year round.	Chart:1410 718/98
27	Light buoy A45	45 20 57 73 51 42.4	Fl G 4s	.....	....	Green, marked "A45".	Winter spar. Year round.	Chart:1410 718/98
28	Light buoy A46	45 21 04.1 73 51 47.3	Fl R 4s	.....	....	Red, marked "A46".	Winter spar. Year round.	Chart:1410 718/98
29.5	Beauharnois Anchorage light buoy C						Delete from List.	Chart:1410 718/98

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)

775.5	Bayfield range	43 34 13 81 42 27	F G	7.6	Circular mast, white daymark, fluorescent orange vertical stripe. 4.9	Visible in line of range. Seasonal.
775.6		076°45' 61.5m from front.	F G	10.0	....	Circular mast, white daymark, fluorescent orange vertical stripe. 6.1	Visible in line of range. Seasonal. Chart:2260 715/98
1213	Pointe-Claire wharf range	Near outer end of wharf. 45 25 39.5 73 49 16	F G	4.9	....	White circular mast, fluorescent orange slatwork daymark, black vertical stripe. 3.0	Seasonal. Operates at night only.
1214		310° 33.8m from front.	F G	7.3	....	White circular mast, fluorescent orange slatwork daymark, black vertical stripe. 4.1	Seasonal. Operates at night only. Chart:1410 Edn 4/98
1216.3	Light buoy AD27	45 24 38 73 52 06	Fl G 4s	.....	....	Green, marked "AD27".	Chart:1410 Edn 4/98
1232.2	Light buoy H22	45 25 28.7 73 59 10.2	Fl R 4s	.....	....	Red, marked "H22".	Chart:1510 704/98
1279	Fassett East						Delete from List. Chart:1511 705/98
1281	Lefaire wharf						Delete from List. Chart:1511 705/98
1753.5	Mackenzie River (Mile 286.9) range	62 17 50 123 24 26	F W	14.0	....	Square skeleton tower, white daymark, red vertical stripe. 9.1	
1753.6		315° 75m from front.	F W	30.0	....	Skeleton tower. 18.3	Chart:6412 726/98

04/98

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)

2500	Tent Island	NS. point of island. 68 55 00 136 37 30	W	10.5	10	Tripod tower, orange rectangular daymark on NW. and SE. faces. 9.1	Year round Chart:6441
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MACKENZIE RIVER - MACKENZIE BAY - ARCTIC OCEAN

2503	Pullen Island Racon --. (G) X & S Band	69 46 6.5 134 24 4.4	Fl W	6s	48.0 9.1	Skeleton tower. Flash 0.5 s; eclipse 5.5 s Radar reflector. Year round. Chart:7663
2504	<i>Kugmallit Bay light buoy TA</i>	<i>Off James Shoal. 69 48 03 133 19 06</i>	<i>Mo(A) W</i>		....	.... <i>Red and white vertical stripes, marked "TA".</i>	<i>Year round. Chart:7663</i>
2506	<i>Tuktoyaktuk Approach light buoy TC</i>	<i>69 31 23 133 08 09</i>	<i>Mo(A) W</i>		....	.... <i>Red and white vertical stripes, marked "TC".</i>	<i>Year round. Chart:7685</i>
2507	Tuktoyaktuk Island range	On island. 69 27 24 132 59 54.9	F G		15.8	.... 6.1	Tripod tower, orange daymark, white vertical stripe. Year round
2508	Racon -. (N) X & S Band	144°30' 114.3m from front.	F G		21.9	.... 12.2	Tripod tower, orange daymark, white vertical stripe. Chart:7685
2509	<i>Tuktoyaktuk Turning light buoy 15</i>	<i>69 28 02 133 00 50</i>	<i>Q G</i>	<i>1s</i>	....	.... <i>Green, marked "15".</i>	<i>Year round. Chart:7685</i>
2510	Tuktoyaktuk Peninsula range	69 27 54.5 132 59 10.5	F W		11.6	.... 9.0	Tripod tower, orange daymark, white vertical stripe. Year round
2511		099° 274.3m from front.	F W		16.8	.... 15.1	Tripod tower, orange daymark, white vertical stripe. Chart:7685
2512	Tuktoyaktuk Inner Harbour range	69 27 41 132 58 50	F W		4.9	.... 3.0	Tripod skeleton tower, orange daymark, white vertical stripe. Year round
2513		358° 121.9m from front.	F W		8.5	.... 6.1	Tripod skeleton tower, orange daymark, white vertical stripe. Chart:7685
2514	Tuktoyaktuk Eastern Entrance range	69 27 17.7 132 58 19.8	F W		14.6	.... 6.1	Tower, orange daymark, white vertical stripe. Year round
2515		134°02' 124.6m from front.	F W		22.9	.... 9.0	Tripod tower, orange daymark, white vertical stripe. Chart:7685

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)

2516	North Peak Racon -. (N) X & S Band	On North Peak. 69 35 54 132 55 30	Fl W 4s	44.2	Tripod tower.	Year round. Chart:7663
2517	Tuft Point	69 44 30 132 29 00	Fl W 4s	21.5	....	Tower. 9.1	Radar reflector. Year round. Chart:7663
2518	Atkinson Point Racon -. (K) X Band	69 56 54 131 26 42	Fl W 4s	22.6	....	Tower.	Radar reflector. Year round. Chart:7663

Cambridge Bay

2520 H13.8	Cambridge Bay range 1	69 02 22 104 55 02	F Y	13.4	....	Tower, fluorescent red and white vertical stripes.	Visible in line of range. Radar reflector. Year round
2521 H13.81		095° 1280.2m from front.	F Y	19.2	....	Tower, fluorescent red and white vertical stripes.	Visible in line of range. Radar reflector. Year round. Chart:7696
2522 H13.84	Cambridge Bay range 2	69 05 13 104 57 07	F Y	9.5	....	Fluorescent red circular tower.	Visible in line of range. Year round
2523 H13.85		015° 426.7m from front.	F Y	12.8	....	Fluorescent red circular tower.	Visible in line of range. Year round. Chart:7696
2524 H13.87	Cambridge Bay range 3	69 02 53.7 104 54 42	F Y	6.5	....	Tripod tower, orange daymark, white vertical stripe.	Radar reflector. Year round
2525 H13.88		137° 1,493.5m from front.	F Y	18.0	....	Tower, fluorescent red and white vertical stripe.	Radar reflector. Year round
			F Y	19.2	....		Chart:7750

Resolute Bay

2530 H14.5	Resolute Bay range 4	74 41 8.6 94 48 01.3	Q W 1s	46.4	....	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 12.2	Seasonal
2531 H14.51		023°07' 303.8m from front.	Q W 1s	58.2	....	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 7.6	Seasonal. Chart:7511

HUDSON STRAIT AND BAY

EDN# 04/98

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)

2545 H34	Bear Island	On E. side of entrance to Coral Harbour. 64 00 30 83 13 01	Fl W 6s	20.1	8	Red and white square skeleton tower, fluorescent orange rectangular daymark. 11.9	Flash 1 s; eclipse 5 s Radar reflector. Seasonal
2546 H35		W. of Coral Harbour, Southampton Island.	Fl W 6s	21.0	7	Square skeleton tower, 2 fluorescent orange rectangular daymarks, black vertical stripe. 10.7	Flash 1 s; eclipse 5 s Radar reflector. Seasonal.
							Chart:5410
2547 H33.4	Walrus Island (Fisher Strait)	Centre of island. 63 13 30 83 39 00	Fl W 6s	54.9	8	Skeleton tower, 3 fluorescent orange rectangular daymarks, black vertical stripe. 9.1	Flash 1 s; eclipse 5 s Radar reflector. Seasonal.
							Chart:5449
2548 H33	Cape Pembroke	NE. end of Coats Island. 62 54 30 81 53 30	Fl W 6s	50.3	10	Square skeleton tower, fluorescent orange daymark. 11.0	Flash 1 s; eclipse 5 s Seasonal.
							Chart:5449
2549 H32	Coats Island Racon -- (C) X & S Band	On Carys Swan Nest, SE. point of island. 62 10 20 83 08 00	Fl W 6s	12.5	7	Red and white skeleton tower, fluorescent orange slatwork daymark. 11.0	Flash 1 s; eclipse 5 s Shoal water surrounds this point and should not be approached nearer than 5 miles. Radar reflector. Seasonal.
							Chart:5449
2550 H36	Mansel Island Racon -- (K) X & S Band	N. extremity of island. 62 25 00 79 36 30	Fl W 6s	18.6	7	Square skeleton tower, 3 fluorescent orange rectangular daymarks, black vertical stripe. 15.2	Flash 1 s; eclipse 5 s Radar reflector. Seasonal.
							Chart:5449
2551 H36.1	Cape Acadia (Mansel Island)	S. extremity of island. 61 35 00 79 48 30	Fl W 6s	23.5	10	Square skeleton tower, fluorescent orange daymarks on S. and W. sides. 19.2	Flash 1 s; eclipse 5 s Radar reflector. Seasonal.
							Chart:5449
2552 H36.4	Broomfield Island Racon - (N) X & S Band	55 40 24 79 14 18	Fl R 6s	38.7	5	Square skeleton tower, 2 fluorescent orange rectangular daymarks on E. and S. faces. 7.6	Flash 1 s; eclipse 5 s Radar reflector. Seasonal.
							Chart:5707
2553 H38	Digges Islet	On NW. islet of the Digges Islands. 62 35 14 78 06 36.8	Fl W 6s	27.7	10	Square skeleton tower, fluorescent orange square daymark. 7.9	Flash 1 s; eclipse 5 s Radar reflector. Seasonal.
							Chart:5412
2554 H40	Nottingham Island Racon - (N) X & S Band	On S. extremity of island. 63 05 10 77 57 00	Fl W 6s	27.7	7	Square skeleton tower, 3 fluorescent orange rectangular daymarks, black vertical stripe. 12.2	Flash 1 s; eclipse 5 s Radar reflector. Seasonal.
							Chart:5449
2555 H41	Arctic Island	On centre of island. 62 14 28 74 45 44	Fl W 6s	29.6	8	Red and white square skeleton tower, fluorescent orange rectangular daymark. 6.7	Flash 1 s; eclipse 5 s Seasonal.
							Chart:5457

HUDSON STRAIT AND BAY

EDN# 04/98

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)

2556 H42	Charles Island West End	62 42 30 74 40 00	Fl W 6s	20.7	8	Red and white square skeleton tower, fluorescent orange rectangular slatwork daymark. 16.1	Flash 1 s; eclipse 5 s Radar reflector. Seasonal. Chart:5450
2557 H44	Charles Island East End Racon --. (C) X & S Band	62 36 28 73 56 12	Fl W 6s	61.0	6	Square skeleton tower, 3 fluorescent orange rectangular daymarks. 6.4	Flash 1 s; eclipse 5 s Radar reflector. Seasonal. Chart:5450
2558 H48	Wales Island	E. extremity of island. 61 51 38 71 58 00	Fl W 6s	83.2	8	Square skeleton tower, 3 fluorescent orange rectangular daymarks, black vertical stripe. 6.7	Flash 1 s; eclipse 5 s Radar reflector. Seasonal. Chart:5390
2559 H50	Ashe Inlet	E. end of Rabbit Island. 62 32 00 70 33 35	Fl W 6s	73.2	8	Red and white square skeleton tower, fluorescent orange rectangular daymark. 6.1	Flash 1 s; eclipse 5 s Seasonal. Chart:5316
2560 H52	Cape Hopes Advance	61 04 41 69 33 32	Fl W 6s	82.3	8	Square skeleton tower, two fluorescent orange rectangular daymarks. 6.2	Flash 1 s; eclipse 5 s Seasonal. Chart:5452
2565 H53	Radio Island (Resolution Island)	W. side of island. 61 18 28 64 53 16	Fl W 6s	39.3	7	Square skeleton tower, fluorescent orange daymark. 7.0	Flash 1 s; eclipse 5 s Seasonal. Chart:5459

Iqaluit (Frobisher Bay)

2566 H53.4	Cape Poillon range	63 07 55.9 67 52 4.8	Iso W 2s	84.0	....	Square skeleton tower, fluorescent orange daymark. 7.6	Seasonal
2567 H53.41		149°28' 3427.9m from front.	Iso W 2s	203.5	....	Square skeleton tower, fluorescent orange daymark. 12.2	Seasonal. Chart:7125
2568 H53.5	Cape Poillon West	63 08 49.8 67 55 00.8	Fl Y 6s	38.9	....	Square skeleton tower, fluorescent orange daymarks on S., E., and N. sides. 9.1	Flash 1 s; eclipse 5 s Seasonal. Chart:7125
2569 H54	Basset Point	63 12 43.5 67 57 47.2	Fl R 6s	18.3	....	Square skeleton tower, fluorescent orange daymarks on S., W., and N. side. 9.1	Flash 1 s; eclipse 5 s Seasonal. Chart:7125
2570 H54.2	Pike Island range 1	63 13 47.4 67 59 54.3	Iso W 2s	28.0	....	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 15.5	Visible in line of range. Seasonal
2571 H54.21		329°28' 385.4m from front.	Iso W 2s	44.4	....	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 15.2	Visible in line of range. Seasonal. Chart:7125

HUDSON STRAIT AND BAY

EDN# 04/98

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)

Iqaluit (Frobisher Bay) - Cont'd

2572 H54.3	Pike Island No. 2 range	63 15 04.1 68 01 46.8	Iso	W	2s	20.9	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 7.6	Seasonal
2573 H54.31		146°04' 2463.2m from front.	Iso	W	2s	52.0	....	Square skeleton tower, fluorescent orange daymark, black vertical stripe. 15.2	Seasonal. Chart:7125
2574 H54.4	Quadrifid Island	63 18 13.8 68 07 47.2	Fl	G	6s	33.6	....	Square skeleton tower, fluorescent orange daymarks on S., E., and N. sides. 9.1	Flash 1 s; eclipse 5 s Seasonal. Chart:7125
2575 H54.6	Lapointe Rock	63 21 35.9 68 14 3.5	Fl	W	6s	14.0	....	Square skeleton tower, fluorescent orange daymarks on S., E., and N. 9.1	Flash 1 s; eclipse 5 s Seasonal. Chart:7125
2576 H56.4	Monument Island	On summit of island. 63 41 47.1 68 30 37.7	Fl	R	6s	47.9	6	Square skeleton tower, fluorescent orange daymarks facing S., E., and N. 8.5	Flash 1 s; eclipse 5 s Radar reflector. Seasonal. Chart:7127
2577	White Top Ledge light buoy N22	SW. of ledge. 63 42 42.9 68 30 34.1	Fl	R	4s	.....	....	Red, boat type, marked "N22".	Seasonal Chart:7127
2578	Inuit light buoy N23	E. of reef. 63 42 54.4 68 31 08.9	Fl	G	4s	.....	....	Green, boat type, marked "N23".	Year round. Chart:7127
2579	Polaris Reef light buoy N26	S. of reef. 63 43 11.5 68 31 12.6	Fl	R	4s	.....	....	Red, boat type, marked "N26".	Seasonal Chart:7127
2580 H55	Long Island	Koojesse Inlet. 63 43 24.1 68 30 31.6	Fl	W	6s	27.4	....	Square skeleton tower, fluorescent orange daymarks on S., W., and N. sides. 4.6	Flash 1 s; eclipse 5 s Seasonal. Chart:7127
2581	Black Ledge light buoy N30	W. of ledge. 63 43 32.6 68 31 34.8	Fl	R	4s	.....	....	Red, boat type, marked "N30".	Year round. Chart:7127
2582 H55.5	Frobisher Bay (Iqaluit) range	63 43 32 68 32 17.1	Iso	R	2s	17.5	....	Square skeleton tower, orange daymark. 15.2	Visible in line of range. Seasonal
2583 H55.51		229°57' 576.2m from front.	Iso	R	2s	55.8	....	Square skeleton tower, orange daymark. 7.6	Visible in line of range. Seasonal. Chart:7127
2584 H56	Frobisher Landing	Koojesse Inlet. 63 44 09.3 68 32 01.4	Fl	Y	6s	5.0	7	Square skeleton tower, fluorescent orange daymarks on 3 sides. 4.6	Flash 1 s; eclipse 5 s Seasonal. Chart:7127

HUDSON STRAIT AND BAY

EDN# 04/98

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)

Iqaluit (Frobisher Bay) - (Cont'd)

2585 H56.2	Koojesse Inlet range	63 44 36.8 68 31 50.9	F	G	12.8	Square skeleton tower, fluorescent orange daymark. 12.1	Visible in line of range. Year round
2586 H56.21		344°12' 418.5m from front.	F	G	30.1	....	Square skeleton tower, fluorescent orange daymark. 15.2	Visible in line of range. Year round.

Chart:7127

2600 H35.4	Mission Lake	Chesterfield Inlet. 63 20 35.5 90 41 14	Fl	W	6s	15.8	9	Square skeleton tower, fluorescent orange rectangular daymark. 9.1	Flash 1 s; eclipse 5 s Radar reflector. Year round.
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Chart:5620

2601 H24	Dunne Foxe Island	On Easternmost Island. 62 15 20 92 00 24	Fl	W	6s	21.7	8	Square skeleton tower. 9.1	Flash 1 s; eclipse 5 s Radar reflector. Year round.
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Chart:5397

2602 H25	Walrus Island Racon -- (Y) X Band	Mistake Bay. 61 58 12 92 27 48	Fl	W	6s	14.6	8	Triangular skeleton tower, fluorescent orange rectangular daymark. 9.1	Flash 1 s; eclipse 5 s Radar reflector. Year round.
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Chart:5397

2603 H25.5	Sentry Island Racon -- (C) X & S Band	61 09 4.6 93 52 14.5	Fl	W	6s	35.6	7	Square skeleton tower. 15.2	Flash 1 s; eclipse 5 s Year round.
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Chart:5398

Churchill Harbour

2605	Churchill Harbour light and bell buoy	58 49 40.3 94 06 16.5	Mo(A)	W	Red and white vertical stripes.	Year round.
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Chart:5640

2606	Merry Rock light and bell buoy C1	NW. of rock. 58 47 29.8 94 12 19.5	Q	G	1s	Green, marked "C1".	Year round.
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Chart:5640

2607	Merry Rock light buoy C2	58 47 40.8 94 12 23.5	Q	R	1s	Red, marked "C2".	Year round.
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Chart:5640

2608 H28	Fort Prince of Wales range	58 47 39.4 94 12 56	F	W	9.0	Triangular skeleton tower, fluorescent orange daymark, black vertical stripe. 6.0	Visible in line of range. Year round
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2609 H28.1		343°49' 385.2m from front.	F	W	12.0	Triangular skeleton tower, fluorescent orange daymark, black vertical stripe. 9.1	Visible in line of range. Year round.
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Chart:5640

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)**Churchill Harbour - (Cont'd)**

2610 H29	Ship Point range	58 47 28.1	F	W	10.0	Triangular skeleton tower, fluorescent orange daymark, black vertical stripe.	Visible in line of range. Year round
		94 13 22.7						
2611 H29.1		317°37' 196.3m from front.	F	W	14.0	....	Triangular skeleton tower, fluorescent orange daymark, black vertical stripe.	Visible in line of range. Year round.
								Chart:5640
2612 H27	Churchill range	58 47 00.9	F	W	24.0	....	Triangular skeleton tower, fluorescent orange slatwork daymark.	Visible in line of range. Year round
			94 13 59.2					
2613 H27.1		236°25' 1632.8m from front.	F	W	48.0	....	Triangular skeleton tower, fluorescent orange slatwork daymark.	Visible in line of range. Year round.
								Chart:5640
2614	Merry Rock light buoy C4	58 47 22.8 94 12 57	Fl	R	4s	.....	Red, marked "C4".	Year round.
								Chart:5640
2615	Cape Merry light buoy C3	58 47 17.8 94 12 32	Fl	G	4s	.....	Green marked "C3".	Year round.
								Chart:5640
2616	Cape Merry light buoy C5	58 47 09.8 94 12 33	Fl	G	4s	.....	Green, marked "C5".	Year round.
								Chart:5640
2617	Cape Merry light buoy C6	58 47 02.3 94 12 48	Fl	R	4s	.....	Red, marked "C6".	Year round.
								Chart:5640
2618	Churchill wharf Approach light buoy C7	58 46 50.8 94 12 11	Fl	G	4s	.....	Green, marked "C7".	Year round.
								Chart:5640
2619	Churchill wharf light buoy C9	58 46 45.8 94 11 57	Fl	G	4s	.....	Green, marked "C9".	Year round.
								Chart:5640
2620	Churchill wharf light buoy C8	58 46 43.3 94 12 13	Fl	R	4s	.....	Red, marked "C8".	Year round.
								Chart:5640
2621	Churchill wharf light buoy C10	S. end of wharf. 58 46 16.8 94 11 40	Fl	R	4s	.....	Red, marked "C10".	Year round.
								Chart:5640
2622 H26	Churchill Harbour Radiobeacon Racon --. (G) X & S Band	On E. side of harbour. 58 46 29.1 94 11 22.2	Fl	R	6s	66.4	.... On top of grain elevator. 61.2	Flash 1 s; eclipse 5 s Year round.
								Chart:5640

Buoys are placed by local knowledge to mark changing channel and may not be in the position shown.

2625	Moose River Approach light buoy M	51 26 04 80 15 56.7	Mo(A)	W	.....	.....	Red and white vertical stripes, marked "M".	Year round.
								Chart:5860

HUDSON STRAIT AND BAY

EDN# 04/98

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)

Buoys are placed by local knowledge to mark changing channel and may not be in the position shown.

2626	Moose River Approach light buoy M2	51 25 05 80 18 19	Fl R	4s	.....	Red, marked "M2".	Year round.	Chart:5860
2627	Ship Sands Island light buoy M6	51 21 31 80 24 13.8	Fl R	4s	.....	Red, boat type, marked "M6".		Chart:5860
2628	Moose River East Bar light buoy M5	51 23 24 80 22 03	Fl G	4s	.....	Green, boat type, marked "M5".		Chart:5860
2629	Moosonee light buoy M14	51 16 39 80 37 27	Fl R	4s	.....	Red, boat type, marked "M14".		Chart:5861
2630	Charles Island light buoy M16	N. of island. 51 16 01 80 37 48	Fl R	4s	.....	Red, boat type, marked "M16".		Chart:5861
2631	Charles Island light buoy M17	51 16 01 80 37 44	Fl G	4s	.....	Green, boat type, marked "M17".	Year round.	Chart:5861
2632 H36.8	Charles Island	NE. corner of island. 51 15 30 80 38 09	Fl W	4s	9.1	Skeleton tower.	Year round.	Chart:5861

**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.