



NOTICES TO MARINERS

WESTERN EDITION

Published monthly by the



CANADIAN COAST GUARD

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Marine Programs Directorate
Aids to Navigation



Internet: <http://www.notmar.com>

ADVISORY

NOTICES TO SHIPPING (WRITTEN AND BROADCAST)

The Canadian Coast Guard is implementing a number of changes to the aids to navigation system in Canada.

These changes are advertised as Notices to Shipping (Broadcast and Written) by the Canadian Coast Guard and are followed up with Notices to Mariners, then charts are updated by hand correction, reprints or new editions.

The publication of Notices to Mariners and chart revisions are being delayed by the volume of changes that are taking place.

Mariners are advised that all relevant Written Notices to Shipping should be kept until superseded by Notices to Mariners or through revised charts issued by the Canadian Hydrographic Service.

Written Notices to Shipping are published weekly and are available from local Canadian Coast Guard Offices.

The Canadian Hydrographic Service is reviewing the impact of these changes with the Canadian Coast Guard and together we are preparing an action plan on the issuing of chart revisions.

For further information contact your local Canadian Coast Guard office.

Newfoundland

St. John's MCTS Centre
Phone: (709) 772-2083
Fax: (709) 772-6285

Maritimes

Maritimes Regional Operations Centre
Toll Free in Maritimes 1-800-565-1633
Phone: (902) 426-6030
Fax: (902) 426-6334
<http://www.mar.dfo.mpo.gc.ca/cg/ops/roc.htm>
Website E-Mail: ROCWeb@mar.dfo-mpo.gc.ca

Laurentian

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

Central & Arctic

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

Pacific

Vancouver Regional Marine Information Centre
Phone: (604) 666-6011
Fax: (604) 666-8453
E-mail: RMIC-Pacific@pac.dfo-mpo.gc.ca
Notice to Shipping information
<http://www.pacific.ccg-gcc.gc.ca/epages/mcts/notship/notosh2.htm>

DGPS FULLY OPERATIONAL SERVICE

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

FOS means the service will provide a DGPS broadcast using the type 9 RTCM message for pseudorange corrections at a data transmission rate of 200 baud. Refer to Radio Aids to Marine Navigation (RAMN) for estimated advertised coverage for each differential station.

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

Table of DGPS Reference Stations in Canada						
Station Name	Id. Nos of reference stations	DGPS Station ID	Geog. Position		Frequency [khz]	Bit/s
			Latitude	Longitude		
Cape Race, NFLD	338,339	940	46 46 N	53 11 W	315	200
Cape Ray, NFLD	340,341	942	47 38 N	59 14 W	288	200
Cape Norman, NFLD	342,343	944	51 30 N	55 49 W	310	200
Rigolet, NFLD	344,345	946	54 15 N	58 30 W	299	200
Partridge Island, NB	326,327	939	45 14 N	66 03 W	295	200
Pt. Escuminiac, NB	332,333	936	47 04 N	64 48 W	319	200
Fox Island, NS	336,337	934	45 20 N	61 05 W	307	200
Western Head, NS	334,335	935	43 59 N	64 40 W	312	200
Hartlen Point, NS (Tentative October 2000)	330, 331	937	44 35 N	63 27 W	298	200
St.-Jean-sur-Richelieu, QC	312,313	929	45 19 N	73 19 W	296	200
Lauzon, QC	316,317	927	46 49 N	71 10 W	309	200
Rivière-du-Loup, QC	318,319	926	47 46 N	69 36 W	300	200
Moisie, QC	320,321	925	50 12 N	66 07 W	313	200
Trois-Rivières, QC	314, 315	928	46 23 N	72 27 W	321	200
Warton, ON	310,311	918	44 45 N	81 07 W	286	200
Cardinal, ON	308,309	919	44 47 N	75 25 W	306	200
Alert Bay, BC	300,301	909	50 35 N	126 55 W	309	200
Amphitrite Pt., BC	302,303	908	48 55 N	125 33 W	315	200
Richmond, BC	304,305	907	49 11 N	123 07 W	320	200
Sandspit, BC	306,307	906	53 14 N	131 49 W	300	200

DGPS RECEIVER - WARNING

The Canadian Coast Guard's Differential Global Positioning System (DGPS) broadcast contains built in health information designed to alert a DGPS user receiver of an out of tolerance or fault condition. During testing, it was found that some user DGPS receivers did not process the health information properly. Improper processing by a user equipment can result in incorrect positions.

Please contact your DGPS manufacturer or supplier to ensure that your receiver is capable of processing the DGPS Reference Station Health information correctly.

DGPS USER ALERT

The Canadian Coast Guard received reports in March 97 of DGPS receivers apparently ignoring the broadcast alarm which should signal the immediate discontinuation of a particular satellite correction. Reports indicate that some user equipment does not properly recognize this "do-not-use" correction flag and as a result erroneously processes it as a correction. This can result in position errors as large as 15 kilometers while the receiver is in DGPS mode. DGPS users are advised that they should contact the manufacturer of their equipment immediately to determine if they require a receiver upgrade.

DGPS station anomaly report / Rapport d'anomalie des stations DGPS

With the purpose of constantly evaluating the quality of the DGPS service offered, the Canadian Coast Guard is providing the mariner with the following anomaly report. This report will allow us to get well-supported information concerning the anomaly and thus, will facilitate the identification of the origin of the problem. Please fill accordingly each section of this report and forward it by the suggested ways. You will find a legend at the end of this document.

Avec le souci d'évaluer constamment la qualité du service DGPS offert, la Garde côtière met à la disposition du navigateur le présent rapport d'anomalie. Ce rapport servira à bien documenter l'anomalie et, de ce fait, facilitera l'identification ou la recherche de la source du problème. Nous vous prions de bien remplir chaque section de ce rapport et de l'acheminer de la façon suggérée. Vous trouverez une légende à la fin de ce document.

User informations / Renseignements sur l'utilisateur

Vessel name / Nom du navire: _____ Destination: _____

Vessel position at the beginning of the anomaly /
Position du navire au début de l'anomalie : _____

Vessel position at the end of the anomaly /
Position du navire à la fin de l'anomalie : _____

Anomaly report / Rapport d'anomalie

Date and time of the anomaly / Date et heure de l'anomalie: _____ Duration / Durée: _____

Number of satellites tracked on GPS receiver / Nombre de satellites reçu par le récepteur: _____

DGPS site using / Station DGPS utilisée: Freq.: _____ kHz SS: _____ dB SNR: _____ dB

DOP Geometry / Géométrie DOP : _____

User receiver operates correctly with other DGPS sites? /

Votre équipement DGPS fonctionne-t-il normalement à l'utilisation d'autres stations DGPS?: Yes/ Oui ___ No / Non ___

Comments / Commentaires: _____

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

Phone / Téléphone : _____

Weather conditions / Conditions météo

Winds / Vents : Direction: _____ Speed / Vitesse: _____ KTS

Temp. °C: _____ VIS: _____ N.M.

Sea State / État de la mer : _____

Bearing and range to electrical storm /

Direction et distance de l'orage : _____

Time of the storm / Heure de l'orage: _____ UTC

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

User equipment informations / Renseignements sur l'équipement

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

DGPS beacon receiver / Démodulateur DGPS: Make / Fabriquant : _____ Model: _____

Gyro interface with GPS / Gyro intégré avec le GPS? Yes / Oui : _____ No / Non : _____

DGPS interfaced with an ECDIS / DGPS intégré dans un SVCEI? Yes / Oui: _____ No / Non : _____

If yes, please fill below / Si oui, S.V.P. compléter ci-dessous:

ECDIS / SVCEI: Make / Fabriquant: _____ Model: _____

Radar image interfaced / Image radar intégrée?: Yes / Oui: _____ No / Non: _____

Gyro interfaced with ECDIS / Gyro intégré avec SVCEI? Yes / Oui: _____ No / Non: _____

Permanent installation or in evaluation / Installation permanente ou en évaluation : _____

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

- 1) Fax / Par télécopieur : 613-998-8428 attention Aids to Navigation
- 2) Mail / Par la poste: Director, Navigation Systems Branch
Department of Fisheries and Oceans
200 Kent Street, Station 5130
Ottawa, ON
K1A 0E6

Directeur, Direction des systèmes à la navigation maritimes
Ministère des Pêches et Océans
200, rue Kent, Station 5130
Ottawa, ON
K1A 0E6

Canada

Legend/Légende

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

IMPORTANT NOTICE TO USERS

The Canadian Coast Guard Marine Aids Modernization Program

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

1. Redundant Aids to Navigation

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

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

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

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

2. Aids to Navigation Standards

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

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

3. Private Aids to Navigation

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

CENTRAL & ARCTIC REGION

Marine Aids to Navigation Program consultations are continuing throughout the Central and Arctic Region of the Canadian Coast Guard. Mariners are urged to continue to read and monitor Notices to Shipping and Notices to Mariners for the most recent concerning adjustments to aids to navigation. You may also access the Central and Arctic Website at www.ccg-gcc.gc.ca/cen-arc/main.htm for further information.

Mariners and representatives of user groups seeking clarification, having questions, or wishing to provide comments or recommendations concerning any aids to navigation notice may to contact:

Superintendent Marine Aids Program
Canadian Coast Guard
Department of Fisheries & Oceans
201 Front Street North, Suite 703
Sarnia, ON
N7T 8B1

Telephone (519) 383-1859 or (519) 383-1861
Facsimile (519) 383-1989

MONTHLY EDITION OF NOTICES TO MARINERS

MAILING LIST CHANGES

Superintendent, Information and Publications
Navigation Aids
Navigation Systems Branch
Canadian Coast Guard
Department of Fisheries and Oceans
Ottawa, ON
K1A 0E6

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

Please indicate which edition you would like to receive.

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3959	13				
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SECTION 1 – Edition 04/2001
SAFETY AND GENERAL INFORMATION

CANADIAN HYDROGRAPHIC SERVICE - Charts.

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
Reprint					
L/C3744	Queen Charlotte Sound	1:365 100	23-Feb-01	2	\$20.00

CANADIAN HYDROGRAPHIC SERVICE - Raster Electronic Navigation Charts.

Notes: (1) The following ENC products are only available from:

Nautical Data International Inc.
P.O. Box 127, Station C
St. John's, Newfoundland
A1C 5H5
Telephone: 1-800-563-0634 or 1 (709) 576-0634
Facsimile: (709) 576-0636

**(2) For licence information and rates please contact the distributor,
Nautical Data International Inc. (NDI) at the above-mentioned address.**

CHARTS	MAIN TITLE	PUBLISHED	PRICE
New Chart			
4722R/M	Terrington Basin	27-Feb-87	See Note 2
4724R/M	Ticorolak Island to Carrington Island	8-Sep-78	See Note 2
4725R/M	Carrington Island to Etagaulet Bay	28-Aug-81	See Note 2
4728R/M	Epinette Point to Terrington Basin	16-Jun-95	See Note 2
5134R/M	Approaches to Cartwright, Black Island to Tumbledown Dick Island	16-Mar-73	See Note 2
5135R/M	Approaches to Hamilton Inlet, Tumbledown Dick Island to Quaker Hat	19-Feb-88	See Note 2
5140R/M	South Green Island to Ticorolak Island	20-Oct-78	See Note 2
5143R/M	Lake Melville	2-May-86	See Note 2

**SECTION 1 – Edition 04/2001
SAFETY AND GENERAL INFORMATION**

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 Notice to Mariners and making existing editions obsolete.

REPRINTS A new issue of the current edition of a chart incorporating no amendments of navigational significance other than those previously promulgated in Notice 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.

Chart Number	Category	Edition Date	Reprint Date	Chart Number	Category	Edition Date	Reprint Date
1202	NEWEDN	10-SEP-1999		1509	NEWCHT	18-MAY-1990	27-JUN-1997
1203	NEWEDN	04-JAN-1985	10-FEB-1995	1510	NEWEDN	23-JAN-1998	
1209	NEWEDN	14-DEC-1984	02-AUG-1996	1512	NEWEDN	03-AUG-1984	09-OCT-1992
1220	NEWEDN	28-FEB-1997		1513	NEWEDN	07-JUN-1996	
1221	NEWEDN	23-APR-1999		1514	NEWCHT	24-JUL-1998	
1223	NEWEDN	03-OCT-1997		1515	NEWCHT	24-JUL-1998	
1226	NEWEDN	19-NOV-1999		1550	NEWEDN	05-JAN-1996	
1229	NEWEDN	31-DEC-1976	15-DEC-1995	1551	NEWEDN	27-JUN-1986	
1230	NEWEDN	29-FEB-1980	10-FEB-1989	1552	NEWEDN	05-JUN-1998	
1233	NEWEDN	28-MAY-1999		1553	NEWCHT	15-FEB-1980	21-APR-1995
L/C1234	NEWEDN	24-JUL-1998		1554	NEWEDN	16-SEP-1988	15-AUG-1997
1235	NEWEDN	31-MAR-2000		1555	NEWCHT	12-OCT-1979	
L/C1236	NEWEDN	25-SEP-1998		L/C2000	NEWEDN	10-APR-1998	
1260	NEWCHT	04-JAN-1991		2006	NEWEDN	31-MAR-2000	
1310	NEWEDN	24-MAR-2000		2007	NEWEDN	10-SEP-1982	09-SEP-1994
1311	NEWCHT	05-NOV-1999		2011	NEWCHT	08-JUL-1988	
1312	NEWEDN	02-APR-1999		2017	NEWCHT	13-JUL-1990	
1313	NEWEDN	28-JUL-2000		2018	NEWCHT	22-JUN-1990	
1314	NEWEDN	29-SEP-2000		2021	NEWEDN	25-JUN-1993	
1315	NEWEDN	19-MAY-2000		2022	NEWEDN	02-AUG-1996	
1316	NEWEDN	26-FEB-1999		2023	NEWEDN	01-MAR-1985	24-MAR-1995
1317	NEWEDN	15-JAN-1999		2024	NEWEDN	29-MAR-1985	16-DEC-1994
1350	NEWCHT	06-JUL-1984	25-MAR-1994	2025	NEWEDN	01-MAR-1985	28-MAY-1993
1351	NEWCHT	21-SEP-1984	11-AUG-1995	2026	NEWEDN	05-APR-1985	15-DEC-1995
1361	NEWEDN	28-MAY-1976	01-MAR-1996	2028	NEWEDN	05-JUN-1998	
1400	NEWEDN	25-JUN-1999		2029	NEWEDN	20-MAR-1987	08-MAY-1992
1409	NEWEDN	21-MAY-1999		2042	NEWEDN	07-OCT-1994	
1410	NEWEDN	25-JUN-1999		2043	NEWCHT	29-NOV-1968	26-MAR-1982
1411	NEWEDN	02-AUG-1996		2044	NEWCHT	28-FEB-1997	
1432	NEWCHT	09-JUL-1999		2047	NEWCHT	07-APR-1995	
1433	NEWCHT	28-MAY-1999		2048	NEWCHT	11-OCT-1991	
1434	NEWCHT	01-MAR-1996		2049	NEWCHT	10-MAY-1985	
1435	NEWCHT	15-DEC-1995		2050	NEWCHT	10-MAY-1985	
1436	NEWCHT	15-JAN-1993	03-JAN-1997	2053	NEWCHT	10-MAY-1985	
1437	NEWCHT	19-MAR-1993	30-MAY-1997	2054	NEWCHT	10-MAY-1985	
1438	NEWEDN	06-OCT-1995		2055	NEWCHT	05-JUL-1991	
1439	NEWEDN	22-FEB-1991	07-FEB-1997	2058	NEWEDN	25-FEB-2000	

**SECTION 1 – Edition 04/2001
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition Date	Reprint Date	Chart Number	Category	Edition Date	Reprint Date
2059	NEWCHT	31-JUL-1998		2294	NEWEDN	25-FEB-2000	
L/C2060	NEWEDN	28-JUN-1985	01-JUL-1994	2297	NEWEDN	20-JAN-1960	19-SEP-1997
2064	NEWEDN	05-MAR-1999		2298	NEWEDN	02-JUL-1958	13-FEB-1981
2067	NEWEDN	01-NOV-1985	15-FEB-1991	2299	NEWEDN	30-SEP-1983	30-JUN-1995
2069	NEWEDN	19-MAY-2000		L/C2300	NEWCHT	24-APR-1998	
2070	NEWEDN	29-APR-1983		L/C2301	NEWEDN	22-FEB-1991	
2077	NEWEDN	23-APR-1999		L/C2302	NEWEDN	02-AUG-1985	
2085	NEWEDN	18-FEB-2000		2303	NEWEDN	18-MAY-1955	29-JUN-1990
2086	NEWCHT	09-JUN-1989	03-APR-1992	2304	NEWEDN	31-MAY-1957	01-FEB-1980
L/C2100	NEWEDN	25-DEC-1998		2305	NEWEDN	17-DEC-1956	08-FEB-1980
L/C2110	NEWEDN	29-MAY-1998		2306	NEWEDN	03-MAY-1957	09-MAY-1975
L/C2120	NEWEDN	06-NOV-1998		2307	NEWEDN	31-AUG-1956	11-MAR-1977
L/C2121	NEWCHT	18-DEC-1987		2308	NEWEDN	19-JUL-1946	21-APR-1978
L/C2122	NEWEDN	05-JUL-1991	05-APR-1996	2309	NEWEDN	23-JUL-1999	
L/C2123	NEWEDN	12-MAR-1993	04-APR-1997	2310	NEWEDN	03-JUN-1946	01-FEB-1980
2140	NEWCHT	16-SEP-1988		2311	NEWEDN	23-APR-1999	
2165	NEWCHT	08-MAR-1991		2312	NEWEDN	13-NOV-1987	08-APR-1994
2181	NEWEDN	10-NOV-1989		2313	NEWEDN	21-JUN-1957	28-OCT-1977
L/C2200	NEWEDN	01-MAY-1987	17-APR-1992	2314	NEWEDN	23-APR-1999	
L/C2201	NEWEDN	18-NOV-1998		2315	NEWEDN	22-APR-1988	
2202	NEWEDN	26-MAR-1999		2318	NEWEDN	03-DEC-1982	
2203	NEWEDN	30-JUN-2000		2400	NEWEDN	29-JUN-1990	
2204	NEWEDN	06-MAY-1983	12-FEB-1993	L/C3000	NEWEDN	20-JAN-1989	22-APR-1994
2205	NEWEDN	18-DEC-1987	30-JUN-2000	3001	NEWEDN	07-OCT-1994	
2206	NEWCHT	27-JUN-1997		L/C3002	NEWEDN	16-DEC-1994	
2218	NEWCHT	13-APR-1984		3050	NEWEDN	03-MAY-1996	
2221	NEWEDN	07-JUN-1996		3052	NEWEDN	07-OCT-1994	
2222	NEWCHT	13-APR-1984		3053	NEWCHT	11-APR-1986	02-FEB-1990
2223	NEWCHT	13-APR-1984		3055	NEWCHT	21-JUN-1991	
2225	NEWEDN	08-MAR-1991	11-JUL-1997	3056	NEWCHT	21-JUN-1991	
2226	NEWEDN	22-NOV-1991		3057	NEWCHT	21-JUN-1991	
L/C2228	NEWCHT	16-FEB-1990		3058	NEWCHT	21-JUN-1991	
2235	NEWEDN	24-SEP-1999		3061	NEWEDN	29-OCT-1999	
2241	NEWCHT	30-JUL-1999		3062	NEWCHT	24-MAY-1985	
L/C2243	NEWEDN	30-AUG-1985	08-APR-1994	3080	NEWEDN	03-APR-1992	
2244	NEWEDN	03-NOV-2000		3311	NEWEDN	31-DEC-1993	
L/C2245	NEWEDN	06-JUN-1986	05-APR-1996	3312	NEWCHT	31-JAN-1986	05-APR-1991
2250	NEWCHT	09-MAY-1986		3313	NEWCHT	28-JUL-1995	
2251	NEWCHT	11-APR-1986	26-JUN-1992	3410	NEWCHT	24-MAR-1995	
2257	NEWEDN	02-NOV-1984	07-JUN-1996	3411	NEWCHT	24-MAR-1995	
2258	NEWEDN	16-JUN-1989	05-APR-1996	3415	NEWEDN	13-FEB-1987	08-APR-1994
2259	NEWEDN	15-JUN-1962	02-JUL-1993	3419	NEWCHT	02-JUL-1993	
2260	NEWEDN	05-FEB-1999		3424	NEWCHT	24-JUL-1987	02-APR-1993
2261	NEWEDN	13-JUN-1986	21-APR-1995	3440	NEWEDN	25-DEC-1998	
2266	NEWCHT	22-JUN-1984		3441	NEWEDN	12-AUG-1988	06-DEC-1996
2267	NEWCHT	22-JUN-1984		3442	NEWEDN	03-JUN-1988	06-DEC-1996
2268	NEWEDN	31-MAR-1989	06-MAY-1994	3443	NEWEDN	30-JAN-1998	
2273	NEWCHT	13-OCT-1955	22-AUG-1975	3447	NEWCHT	10-DEC-1999	
2274	NEWEDN	07-APR-2000		3458	NEWEDN	10-MAR-1995	
L/C2282	NEWEDN	07-JUN-1996		3459	NEWEDN	24-OCT-1997	
2283	NEWCHT	30-JUL-1999		L/C3461	NEWCHT	06-JAN-1984	02-DEC-1994
2284	NEWEDN	04-AUG-2000		L/C3462	NEWEDN	23-OCT-1998	
2286	NEWEDN	21-JAN-1983	25-AUG-1995	L/C3463	NEWEDN	03-OCT-1997	
2289	NEWEDN	16-OCT-1987	05-JUN-1992	3473	NEWEDN	13-FEB-1987	04-DEC-1992
2291	NEWEDN	31-MAR-2000		3475	NEWEDN	27-MAY-1988	02-JUL-1993
2292	NEWEDN	28-APR-1989	05-APR-1996	3476	NEWCHT	31-AUG-1984	12-MAY-2000
2293	NEWEDN	11-JUN-1965	12-DEC-1980	3477	NEWEDN	03-MAY-1985	08-SEP-1989

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3478	NEWEDN	24-FEB-1995		3679	NEWCHT	14-JUN-1991	21-FEB-1997
3481	NEWEDN	22-SEP-2000		3680	NEWEDN	07-APR-1978	26-APR-1991
3488	NEWCHT	21-OCT-1994		3681	NEWCHT	08-JUN-1990	
3489	NEWCHT	21-OCT-1994		3682	NEWEDN	05-JUN-1987	
3490	NEWEDN	25-JUL-1997		3683	NEWEDN	06-MAR-1998	
3491	NEWEDN	05-JAN-1996		3685	NEWEDN	25-AUG-1995	
3492	NEWCHT	27-JUN-1997	27-NOV-1998	3686	NEWCHT	08-APR-1988	02-DEC-1994
3493	NEWEDN	18-DEC-1998		3710	NEWEDN	04-JUL-1986	15-JUN-1990
3494	NEWEDN	18-DEC-1998		3711	NEWEDN	15-JUN-1984	19-FEB-1993
3495	NEWEDN	18-DEC-1998		3717	NEWEDN	28-JUL-1995	
L/C3512	NEWEDN	25-DEC-1998		3719	NEWEDN	17-APR-1961	11-NOV-1988
3513	NEWEDN	29-OCT-1999		3720	NEWEDN	12-FEB-1988	03-SEP-1993
3514	NEWEDN	02-AUG-1996		3721	NEWEDN	26-AUG-1994	
3515	NEWCHT	18-JAN-1991	03-JUN-1994	3722	NEWEDN	07-FEB-1964	04-SEP-1987
3526	NEWEDN	24-FEB-1995		3723	NEWEDN	29-JUN-1984	
3527	NEWEDN	01-JAN-1988	02-APR-1993	3724	NEWEDN	23-MAY-1980	21-APR-1995
3534	NEWEDN	07-MAY-1993		3726	NEWEDN	23-MAY-1980	06-JAN-1989
3535	NEWEDN	16-AUG-1985	16-APR-1993	3727	NEWEDN	29-JUN-1962	24-MAR-1995
3536	NEWCHT	21-APR-1978	16-APR-1993	3728	NEWEDN	05-FEB-1982	24-JAN-1997
3537	NEWCHT	27-SEP-1985	22-JUN-1990	3729	NEWEDN	06-MAR-1998	
3538	NEWEDN	27-NOV-1992	02-AUG-1996	3730	NEWCHT	30-NOV-1960	21-DEC-1990
3539	NEWEDN	04-AUG-1989	25-APR-1997	3733	NEWCHT	01-FEB-1956	
3540	NEWEDN	22-MAY-1992		3734	NEWEDN	09-JUL-1976	24-MAY-1991
3541	NEWEDN	29-JUL-1994		3736	NEWEDN	31-AUG-1990	
3542	NEWEDN	01-JUL-1994		3737	NEWEDN	14-AUG-1987	21-APR-1995
3543	NEWEDN	27-NOV-1992	30-MAY-1997	3738	NEWEDN	04-FEB-1983	24-MAR-1995
3544	NEWEDN	25-SEP-1987	01-MAY-1998	3739	NEWEDN	03-FEB-1984	01-SEP-1989
3545	NEWCHT	28-APR-1989	12-AUG-1994	3740	NEWEDN	20-MAY-1977	06-DEC-1996
3546	NEWCHT	28-APR-1989	11-JUL-1997	3741	NEWEDN	15-FEB-1963	30-JUN-1989
3547	NEWCHT	28-APR-1989	05-APR-1996	3742	NEWEDN	16-JUL-1982	02-AUG-1996
3548	NEWEDN	26-SEP-1997		3743	NEWEDN	25-MAR-1977	10-FEB-1995
3549	NEWCHT	03-DEC-1993	05-APR-1996	L/C3744	NEWEDN	20-MAY-1988	
3550	NEWCHT	03-DEC-1993	02-JAN-1998	3745	NEWEDN	12-JUN-1998	
3552	NEWCHT	02-JAN-1987	02-APR-1993	3746	NEWEDN	12-AUG-1977	02-JUL-1993
3555	NEWEDN	27-JUN-1986	09-APR-1993	3747	NEWEDN	16-SEP-1977	30-MAY-1997
3559	NEWCHT	15-JUN-1979	02-FEB-1990	3753	NEWEDN	30-APR-1959	12-AUG-1988
3564	NEWCHT	04-DEC-1987	08-SEP-1995	3761	NEWEDN	19-AUG-1988	
3598	NEWEDN	14-AUG-1987	11-OCT-1991	3772	NEWEDN	30-OCT-1964	29-JAN-1993
3601	NEWCHT	26-AUG-1994		3773	NEWEDN	26-APR-1985	06-DEC-1996
L/C3602	NEWEDN	24-MAY-1985	12-AUG-1994	3781	NEWEDN	18-MAY-1959	15-MAR-1991
L/C3603	NEWEDN	23-OCT-1981	01-NOV-1991	3785	NEWEDN	04-OCT-1991	12-JUN-1998
L/C3604	NEWEDN	06-NOV-1987	13-JUN-1997	3787	NEWEDN	29-JUL-1977	04-APR-1997
L/C3605	NEWEDN	06-MAR-1998		3794	NEWEDN	07-FEB-1975	17-MAR-1989
L/C3606	NEWEDN	27-JUL-1984	03-SEP-1993	3795	NEWEDN	01-MAY-1964	09-JUL-1993
3623	NEWEDN	26-AUG-1977	06-JAN-1989	3802	NEWEDN	24-NOV-1989	07-MAY-1999
3624	NEWEDN	19-AUG-1988	22-APR-1994	3807	NEWEDN	05-FEB-1999	
3625	NEWCHT	25-OCT-1968	10-MAR-1989	3808	NEWCHT	30-MAR-1962	13-OCT-1989
3646	NEWEDN	30-JUN-1995		3809	NEWEDN	24-AUG-1979	24-MAR-1995
3647	NEWEDN	05-JUL-1985	02-JAN-1998	3811	NEWEDN	06-DEC-1963	27-SEP-1991
3651	NEWEDN	09-APR-1993		3825	NEWEDN	16-DEC-1977	09-JUN-1989
3668	NEWEDN	07-APR-2000		L/C3853	NEWEDN	02-MAR-1990	05-APR-1996
3670	NEWEDN	21-OCT-1994		3854	NEWEDN	23-OCT-1987	23-APR-1993
3671	NEWEDN	27-AUG-1982	03-JUN-1994	3855	NEWEDN	13-JAN-1967	26-APR-1991
3673	NEWCHT	01-DEC-1995		3857	NEWEDN	17-NOV-1967	10-JUL-1987
3674	NEWCHT	01-DEC-1995		3858	NEWEDN	28-JUL-1967	28-JUL-1989
3675	NEWCHT	20-NOV-1998		3859	NEWEDN	21-AUG-1998	
3676	NEWCHT	20-NOV-1998		3860	NEWEDN	12-SEP-1969	05-JAN-1990

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3863	NEWEDN	25-APR-1980	16-MAR-1990	4114	NEWCHT	08-MAY-1992	
3864	NEWEDN	11-MAY-1962	17-DEC-1993	4115	NEWCHT	31-DEC-1999	
3865	NEWEDN	01-NOV-1955	10-JUL-1987	L/C4116	NEWCHT	09-APR-1993	
3868	NEWEDN	12-JUL-1968	19-APR-1991	4117	NEWCHT	28-OCT-1988	
3869	NEWEDN	28-NOV-1986	02-MAR-1990	L/C4118	NEWEDN	13-NOV-1998	
3890	NEWCHT	14-MAR-1986	07-APR-1995	4124	NEWEDN	07-APR-2000	
3891	NEWCHT	08-SEP-1989	01-AUG-1997	4130	NEWCHT	30-MAY-1969	17-DEC-1976
3892	NEWCHT	13-JAN-1984	03-JUN-1994	4140	NEWCHT	07-JAN-1972	02-JUL-1982
3893	NEWCHT	13-JAN-1984		4141	NEWEDN	01-NOV-1996	
3894	NEWEDN	12-JUN-1998		4142	NEWEDN	01-NOV-1996	
3895	NEWCHT	15-JUN-1984	09-JUN-1989	4145	NEWEDN	22-MAR-1991	
3902	NEWEDN	09-DEC-1988	27-JUN-1997	4170	NEWCHT	28-FEB-1992	
3909	NEWCHT	11-DEC-1987	03-JUN-1994	4201	NEWEDN	11-AUG-2000	
3920	NEWCHT	18-JAN-1991		4202	NEWEDN	31-DEC-1999	
3921	NEWEDN	15-DEC-1995		4203	NEWEDN	14-APR-2000	
3927	NEWEDN	29-MAY-1998		4209	NEWCHT	21-OCT-1994	
3931	NEWCHT	21-FEB-1992		4210	NEWCHT	05-APR-1991	
3932	NEWCHT	21-FEB-1992	12-JUN-1998	4211	NEWEDN	07-DEC-1990	02-JUN-1995
3933	NEWEDN	20-JAN-1989	19-FEB-1993	L/C4227	NEWCHT	24-MAY-1991	
3934	NEWCHT	21-FEB-1992	02-JUN-1995	L/C4230	NEWCHT	15-JUN-1990	26-JUN-1998
3935	NEWCHT	28-JAN-2000		L/C4233	NEWCHT	11-JAN-1991	
3937	NEWCHT	07-JUL-2000		L/C4234	NEWCHT	10-APR-1987	26-DEC-1997
3940	NEWCHT	01-MAR-1996		4235	NEWEDN	28-APR-2000	
3955	NEWCHT	15-FEB-1985	20-MAY-1994	L/C4236	NEWCHT	30-JAN-1987	28-JUL-1995
3956	NEWEDN	01-MAR-1996		4237	NEWEDN	02-JUN-2000	
3957	NEWEDN	05-JUN-1998		L/C4240	NEWCHT	06-OCT-1989	06-JUN-1997
3958	NEWEDN	24-MAR-1995		L/C4241	NEWCHT	01-DEC-1989	02-AUG-1996
3959	NEWCHT	11-DEC-1987	03-JUL-1992	L/C4242	NEWEDN	28-AUG-1992	
3960	NEWCHT	13-AUG-1993	16-APR-1999	L/C4243	NEWCHT	20-JUN-1986	25-AUG-1989
3962	NEWEDN	25-FEB-2000		4244	NEWCHT	21-FEB-1986	26-APR-1991
3963	NEWCHT	26-OCT-1990	12-JUN-1998	4245	NEWEDN	19-NOV-1999	
3964	NEWEDN	30-APR-1999		L/C4255	NEWCHT	27-JUL-1990	
3994	NEWEDN	20-JAN-1989	22-SEP-1995	4266	NEWCHT	29-SEP-1989	
4000	NEWEDN	14-DEC-1984		4275	NEWEDN	23-DEC-1983	03-MAY-1996
L/C4001	NEWEDN	01-DEC-1995		4276	NEWEDN	25-JUL-1997	
L/C4002	NEWEDN	27-DEC-1991	05-JUL-1996	4277	NEWEDN	17-APR-1998	
L/C4003	NEWEDN	14-DEC-1984	29-JUL-1994	4278	NEWEDN	20-MAR-1998	
L/C4006	NEWEDN	14-DEC-1984	19-FEB-1993	4279	NEWEDN	28-AUG-1998	
L/C4010	NEWEDN	18-NOV-1983	10-JUL-1992	4281	NEWEDN	20-FEB-1987	14-JUL-1995
L/C4011	NEWEDN	31-OCT-1997		4306	NEWEDN	14-JUN-1985	07-JUN-1996
L/C4012	NEWEDN	13-MAR-1987	14-JUL-1995	4307	NEWEDN	15-FEB-1985	13-NOV-1992
L/C4013	NEWEDN	07-NOV-1986	03-JUL-1992	4308	NEWEDN	07-SEP-1984	27-SEP-1991
L/C4015	NEWEDN	24-JUL-1992		L/C4320	NEWEDN	26-SEP-1997	
L/C4016	NEWEDN	05-MAY-1995		L/C4321	NEWEDN	11-OCT-1985	01-FEB-1991
L/C4017	NEWEDN	16-JUN-1995		4328	NEWEDN	10-JUL-1998	
L/C4020	NEWEDN	27-DEC-1991		L/C4335	NEWEDN	14-AUG-1998	
L/C4021	NEWEDN	27-DEC-1991		4337	NEWEDN	03-JAN-1986	
L/C4022	NEWEDN	27-DEC-1991	02-AUG-1996	L/C4340	NEWEDN	12-APR-1991	
L/C4023	NEWEDN	28-NOV-1986	05-JAN-1996	4342	NEWEDN	03-JUN-1988	26-APR-1991
4024	NEWEDN	03-MAR-2000		L/C4363	NEWEDN	01-NOV-1985	13-NOV-1992
L/C4025	NEWEDN	27-DEC-1991		4365	NEWEDN	08-DEC-1972	29-FEB-1980
4026	NEWEDN	12-JAN-2001		L/C4367	NEWEDN	01-NOV-1985	06-JUL-1990
L/C4045	NEWCHT	08-AUG-1986		L/C4374	NEWEDN	27-DEC-1985	26-MAR-1993
4047	NEWEDN	09-OCT-1998		L/C4375	NEWEDN	25-OCT-1985	01-JAN-1993
L/C4049	NEWEDN	19-MAY-1995		4376	NEWEDN	02-OCT-1987	11-AUG-1995
L/C4098	NEWCHT	21-SEP-1984		4377	NEWEDN	06-NOV-1998	
L/C4099	NEWCHT	21-SEP-1984		4379	NEWEDN	31-OCT-1986	14-FEB-1992

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4381	NEWEDN	17-JAN-1986	03-MAY-1996	4491	NEWCHT	06-MAY-1966	01-FEB-1980
4384	NEWEDN	31-OCT-1986	13-AUG-1993	4492	NEWCHT	04-FEB-1966	25-JUL-1980
L/C4385	NEWEDN	07-JUN-1996		4497	NEWEDN	30-JUL-1971	12-OCT-1979
4386	NEWEDN	03-OCT-1986	24-MAR-1995	4498	NEWEDN	23-OCT-1987	03-NOV-1995
4391	NEWEDN	21-FEB-1992		4504	NEWCHT	14-FEB-1964	23-JAN-1976
4394	NEWEDN	14-SEP-1990		4505	NEWCHT	14-FEB-1964	14-FEB-1975
4395	NEWEDN	25-MAY-1990		4506	NEWCHT	28-FEB-1964	25-JUN-1982
4396	NEWEDN	19-FEB-1988	30-JUL-1993	4507	NEWCHT	28-FEB-1964	30-JAN-1976
4399	NEWCHT	03-APR-1942	26-AUG-1983	4509	NEWCHT	05-DEC-1969	21-JUL-1978
4402	NEWEDN	25-DEC-1998		4510	NEWCHT	22-MAR-1968	15-JUL-1994
L/C4403	NEWEDN	21-JUN-1985	24-DEC-1993	4511	NEWCHT	10-JUL-1964	17-OCT-1980
4404	NEWEDN	12-MAY-2000		4512	NEWCHT	30-OCT-1964	09-FEB-1979
L/C4405	NEWEDN	12-JUL-1985	21-JUL-1989	4514	NEWEDN	23-OCT-1981	29-SEP-1989
L/C4406	NEWEDN	27-FEB-1998		4515	NEWEDN	20-NOV-1998	
4416	NEWEDN	01-MAY-1998		4516	NEWEDN	02-NOV-1962	10-DEC-1976
4419	NEWEDN	12-AUG-1988	02-FEB-1996	4518	NEWCHT	18-OCT-1951	26-JAN-1979
4420	NEWEDN	03-OCT-1969	06-NOV-1981	4519	NEWCHT	13-OCT-1951	04-FEB-1983
4421	NEWEDN	11-OCT-1968	23-MAR-1979	L/C4520	NEWEDN	02-JUN-1995	
4422	NEWEDN	10-OCT-1969	17-JUN-1994	4521	NEWEDN	04-JUN-1965	08-SEP-1978
4425	NEWEDN	02-MAY-1980	17-OCT-1997	4522	NEWCHT	15-JUL-1959	04-SEP-1981
4426	NEWEDN	18-MAR-1988		4523	NEWCHT	27-MAR-1964	13-JUN-1975
4428	NEWEDN	06-OCT-1978		4524	NEWEDN	07-FEB-1964	15-AUG-1980
4429	NEWEDN	04-JUN-1993		4529	NEWEDN	30-SEP-1988	
4430	NEWEDN	02-OCT-1981	21-MAY-1993	4530	NEWEDN	11-MAR-1983	17-APR-1992
4432	NEWEDN	14-DEC-1984	15-JUN-1990	4531	NEWCHT	24-MAY-1974	14-MAR-1997
4437	NEWEDN	17-MAY-1991		4538	NEWEDN	26-MAR-1976	
4440	NEWEDN	18-JUL-1980		4540	NEWCHT	10-OCT-1957	26-JAN-1979
4443	NEWCHT	16-JUN-1967	18-FEB-1977	4541	NEWCHT	10-OCT-1957	03-OCT-1980
4445	NEWCHT	17-JUN-1949	07-DEC-1979	4542	NEWEDN	09-SEP-1966	23-JAN-1976
4446	NEWCHT	06-JAN-1953	31-DEC-1993	4582	NEWCHT	14-FEB-1964	10-SEP-1976
4447	NEWEDN	09-NOV-1984		4583	NEWCHT	16-JAN-1961	02-JUL-1982
4448	NEWEDN	27-APR-1990		4584	NEWCHT	02-JAN-1959	14-NOV-1980
4449	NEWEDN	03-JUL-1998		4585	NEWCHT	02-JAN-1959	29-AUG-1980
4450	NEWEDN	02-MAR-1973	13-NOV-1987	4587	NEWEDN	04-SEP-1987	21-AUG-1992
L/C4451	NEWEDN	27-MAR-1987	15-JUL-1988	4591	NEWCHT	02-JAN-1959	18-AUG-1978
4452	NEWEDN	29-JUL-1983		4592	NEWEDN	03-JUN-1983	02-APR-1993
4453	NEWEDN	17-DEC-1982		4593	NEWCHT	20-JAN-1960	12-JUN-1981
4454	NEWEDN	03-FEB-1978		4594	NEWCHT	02-JAN-1959	14-FEB-1992
4455	NEWEDN	10-SEP-1976	20-OCT-1989	4595	NEWEDN	31-MAR-2000	
4456	NEWEDN	19-DEC-1980	17-JUN-1994	4596	NEWCHT	02-JAN-1959	09-JAN-1981
4459	NEWEDN	25-JUN-1999		4597	NEWCHT	02-JAN-1959	09-OCT-1981
4460	NEWEDN	11-SEP-1987	03-MAY-1991	4615	NEWEDN	20-AUG-1999	
L/C4462	NEWEDN	28-JUN-1985	06-JUN-1997	4616	NEWEDN	19-APR-1991	17-OCT-1997
L/C4463	NEWEDN	09-AUG-1985	15-JUN-1990	4617	NEWEDN	19-MAY-1989	25-APR-1997
L/C4464	NEWEDN	11-OCT-1985	15-JUN-1990	4619	NEWEDN	20-NOV-1998	
4466	NEWEDN	17-MAY-1991	01-MAR-1996	L/C4622	NEWEDN	25-APR-1997	
4467	NEWEDN	21-MAR-1969	01-MAR-1996	4624	NEWEDN	07-JAN-2000	
4468	NEWEDN	12-JUL-1985		L/C4625	NEWEDN	10-JAN-1986	22-APR-1988
4469	NEWEDN	08-NOV-1985		L/C4626	NEWEDN	08-NOV-1985	22-APR-1988
4470	NEWEDN	04-JAN-1980		4633	NEWEDN	24-APR-1987	21-APR-1995
4471	NEWEDN	11-FEB-1977	11-AUG-1989	4634	NEWEDN	14-JUL-1995	
4472	NEWEDN	14-AUG-1981		4635	NEWEDN	24-JUN-1983	28-NOV-1997
4473	NEWEDN	25-NOV-1977		4637	NEWEDN	14-AUG-1987	19-MAY-1989
4474	NEWEDN	28-MAY-1999		4638	NEWCHT	20-SEP-1955	12-DEC-1980
4483	NEWEDN	12-AUG-1988		4639	NEWCHT	20-SEP-1955	12-DEC-1980
L/C4485	NEWEDN	26-SEP-1997		4640	NEWEDN	27-AUG-1999	
4486	NEWEDN	19-FEB-1999		4641	NEWEDN	25-DEC-1998	

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4642	NEWCHT	18-JAN-1960	31-MAR-1978	4849	NEWCHT	30-DEC-1988	
4643	NEWEDN	03-MAY-1985	15-MAY-1992	L/C4850	NEWCHT	11-MAY-1990	
4644	NEWEDN	25-JUN-1999		L/C4851	NEWEDN	04-APR-1997	
4652	NEWEDN	31-OCT-1980		4852	NEWCHT	02-DEC-1994	
4653	NEWEDN	12-MAR-1976	24-MAR-1995	4853	NEWEDN	30-JUL-1999	
4654	NEWCHT	27-OCT-1952	22-SEP-1978	4854	NEWCHT	25-APR-1997	
4658	NEWCHT	08-MAY-1970	15-FEB-1980	4855	NEWCHT	06-JUN-1997	
4659	NEWCHT	10-OCT-1957	08-SEP-1978	4856	NEWCHT	13-OCT-2000	
4661	NEWCHT	20-SEP-1955	23-JUN-1989	4857	NEWCHT	29-OCT-1999	
4663	NEWCHT	10-OCT-1957	03-SEP-1976	4858	NEWCHT	25-DEC-1998	
4665	NEWCHT	10-OCT-1957	08-MAY-1981	4863	NEWCHT	29-JAN-1999	
4666	NEWCHT	10-OCT-1957	20-JUN-1986	4865	NEWCHT	30-JAN-1998	
4667	NEWEDN	08-OCT-1965	13-AUG-1976	4885	NEWEDN	12-FEB-1988	
4668	NEWCHT	10-OCT-1957	23-OCT-1987	4886	NEWCHT	26-DEC-1997	
4669	NEWCHT	10-OCT-1957	29-MAR-1985	4905	NEWEDN	29-DEC-2000	
4670	NEWCHT	10-OCT-1957	29-JUL-1977	L/C4906	NEWCHT	18-MAR-1988	11-JUN-1993
4679	NEWEDN	31-DEC-1976	04-JUN-1982	4909	NEWCHT	17-JUN-1988	01-MAR-1996
4680	NEWCHT	02-JAN-1959	27-FEB-1976	4911	NEWEDN	07-MAY-1993	
4682	NEWCHT	19-OCT-1962	01-MAY-1987	4912	NEWEDN	04-JUN-1993	
L/C4700	NEWEDN	30-DEC-1994		L/C4913	NEWCHT	07-AUG-1992	
4701	NEWCHT	27-DEC-1963	23-OCT-1981	4920	NEWEDN	18-SEP-1998	
4702	NEWCHT	17-JAN-1964	28-SEP-1990	4921	NEWEDN	06-MAR-1998	
4703	NEWEDN	31-JAN-1964	26-AUG-1994	L/C4951	NEWCHT	04-JAN-1991	
4712	NEWCHT	21-FEB-1964	01-FEB-1974	L/C4952	NEWCHT	21-AUG-1992	
4722	NEWEDN	27-FEB-1987		4954	NEWEDN	20-JUN-1997	
4724	NEWEDN	20-MAY-1960	08-SEP-1978	4955	NEWCHT	15-FEB-1991	
4725	NEWCHT	09-JUN-1953	28-AUG-1981	4956	NEWCHT	23-NOV-1990	
4728	NEWEDN	16-JUN-1995		4957	NEWCHT	13-JUL-1990	
L/C4730	NEWEDN	07-OCT-1983	17-OCT-1997	4980	NEWCHT	03-JAN-1992	
L/C4731	NEWEDN	16-DEC-1994		L/C5001	NEWEDN	04-NOV-1994	
4732	NEWEDN	27-DEC-1968	22-FEB-1980	5002	NEWCHT	25-JUL-1975	
4744	NEWCHT	22-FEB-1963	27-NOV-1981	5003	NEWEDN	26-SEP-1969	23-JUL-1976
4745	NEWCHT	17-MAY-1963	09-OCT-1987	L/C5023	NEWCHT	20-APR-1990	
4763	NEWCHT	01-FEB-1963	26-JUL-1985	L/C5030	NEWCHT	26-OCT-1990	
4764	NEWCHT	01-FEB-1963	09-NOV-1990	5031	NEWEDN	31-DEC-1999	
4765	NEWCHT	29-NOV-1963	26-APR-1985	5042	NEWCHT	24-FEB-1984	
4766	NEWCHT	06-DEC-1963	05-APR-1996	5043	NEWEDN	20-AUG-1999	
4767	NEWCHT	06-DEC-1963	06-JUL-1990	5044	NEWEDN	20-AUG-1999	
4769	NEWEDN	19-SEP-1975	03-MAY-1985	5045	NEWCHT	01-JUL-1983	
4771	NEWEDN	02-JUL-1976	29-JUL-1983	5046	NEWCHT	13-JAN-1984	
4773	NEWCHT	29-NOV-1963	29-DEC-1978	5047	NEWCHT	17-AUG-1984	
4774	NEWCHT	24-JAN-1964	19-MAR-1982	5048	NEWEDN	07-JUL-2000	
L/C4775	NEWEDN	09-SEP-1983	02-MAY-1997	5049	NEWEDN	25-JUN-1999	
L/C4776	NEWEDN	08-JUL-1983		5051	NEWCHT	07-JUN-1996	
L/C4817	NEWCHT	11-APR-1986		5052	NEWCHT	25-APR-1997	
4830	NEWCHT	14-FEB-1986		5070	NEWEDN	20-NOV-1998	
L/C4831	NEWCHT	26-DEC-1986		5080	NEWCHT	03-OCT-1997	
L/C4832	NEWCHT	02-OCT-1987		5133	NEWCHT	10-OCT-1969	14-MAY-1982
4839	NEWCHT	27-MAR-1992		5134	NEWCHT	11-AUG-1967	16-MAR-1973
L/C4841	NEWCHT	19-MAY-1989		5135	NEWCHT	11-AUG-1967	19-FEB-1988
4842	NEWEDN	27-OCT-2000		5138	NEWEDN	17-APR-1998	
4843	NEWCHT	28-JAN-1983		5140	NEWCHT	15-NOV-1963	20-OCT-1978
L/C4844	NEWCHT	01-FEB-1985	25-MAR-1994	5143	NEWEDN	02-MAY-1986	
L/C4845	NEWEDN	12-SEP-1997		5179	NEWCHT	28-AUG-1964	12-JUN-1981
L/C4846	NEWEDN	15-DEC-1995		5300	NEWCHT	25-NOV-1966	25-NOV-1977
L/C4847	NEWEDN	05-JUL-1996		5316	NEWCHT	24-AUG-1961	25-JAN-1980
4848	NEWCHT	12-JUN-1987		5335	NEWCHT	15-MAR-1985	

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Chart Number	Category	Edition Date	Reprint Date	Chart Number	Category	Edition Date	Reprint Date
5338	NEWCHT	06-JUN-1986		5720	NEWCHT	22-APR-1994	
5340	NEWCHT	19-APR-1963	14-DEC-1979	5800	NEWEDN	19-JUL-1974	22-MAR-1991
5348	NEWEDN	05-NOV-1976		5801	NEWEDN	24-MAY-1974	
5349	NEWCHT	05-MAR-1958	03-MAR-1978	5860	NEWEDN	30-SEP-1966	14-MAY-1976
5351	NEWCHT	24-FEB-1956	25-MAR-1983	5861	NEWEDN	30-SEP-1966	14-MAY-1976
5352	NEWEDN	08-JUL-1960	16-MAY-1980	6021	NEWEDN	24-SEP-1999	
5365	NEWCHT	26-SEP-1969	25-AUG-1989	6022	NEWEDN	24-SEP-1999	
5373	NEWCHT	15-FEB-1985		6023	NEWEDN	26-FEB-1988	30-JUN-1995
5374	NEWCHT	17-JAN-1986		6026	NEWCHT	17-SEP-1976	
5375	NEWCHT	28-FEB-1986		6028	NEWCHT	15-JAN-1971	
5376	NEWCHT	22-MAR-1985		6030	NEWCHT	14-AUG-1987	
5390	NEWCHT	17-MAY-1968	04-NOV-1988	6035	NEWCHT	20-NOV-1987	
5391	NEWCHT	17-MAY-1968	18-FEB-1983	6036	NEWCHT	28-AUG-1987	
5397	NEWCHT	04-NOV-1960	18-NOV-1983	6037	NEWCHT	13-NOV-1987	
5398	NEWEDN	04-SEP-1981		6038	NEWCHT	11-SEP-1987	19-SEP-1997
5399	NEWEDN	04-SEP-1981		6050	NEWEDN	01-AUG-1986	
5400	NEWEDN	19-DEC-1960	23-APR-1982	6100	NEWCHT	15-MAY-1987	10-APR-1992
5403	NEWEDN	04-FEB-1987		6105	NEWEDN	20-JAN-1989	
5405	NEWCHT	26-DEC-1951	25-MAR-1988	6106	NEWEDN	21-JUN-1991	
5406	NEWCHT	06-MAR-1914	15-AUG-1980	6107	NEWEDN	29-OCT-1999	
5410	NEWEDN	25-MAR-1977	19-MAR-1993	6108	NEWEDN	10-NOV-2000	
5411	NEWEDN	04-JUN-1958	30-JAN-1981	6109	NEWEDN	30-MAR-1990	
5412	NEWEDN	23-FEB-1968	27-APR-1984	6110	NEWEDN	24-FEB-1989	15-DEC-1995
5414	NEWEDN	06-AUG-1937	10-OCT-1980	6111	NEWEDN	11-MAR-1983	
5440	NEWEDN	01-NOV-1974	06-FEB-1981	6112	NEWCHT	06-FEB-1970	25-MAR-1994
5449	NEWEDN	15-AUG-1986		6201	NEWEDN	16-MAR-1973	22-NOV-1991
5450	NEWEDN	22-MAY-1970	29-JUL-1977	6205	NEWCHT	30-JUN-1995	
5451	NEWEDN	05-NOV-1965	22-MAR-1985	6206	NEWEDN	15-SEP-2000	
5452	NEWCHT	16-DEC-1954	05-FEB-1982	6207	NEWEDN	24-MAR-2000	
5455	NEWEDN	15-FEB-1961	15-DEC-1978	6209	NEWCHT	04-SEP-1970	
5456	NEWEDN	26-MAY-1972	12-JUN-1981	6211	NEWCHT	26-AUG-1988	29-OCT-1993
5457	NEWEDN	04-SEP-1998		6212	NEWEDN	12-NOV-1982	21-APR-1995
5458	NEWEDN	08-MAR-1963	10-NOV-1978	6213	NEWEDN	10-AUG-1984	28-JUL-1989
5459	NEWCHT	26-JAN-1953	06-FEB-1981	6214	NEWCHT	18-MAR-1977	07-JUL-1989
5464	NEWCHT	16-DEC-1954	07-MAY-1982	6215	NEWCHT	01-JUL-1977	08-MAY-1992
5467	NEWEDN	15-FEB-1956	29-JUN-1990	6216	NEWCHT	02-APR-1982	28-FEB-1992
5468	NEWCHT	18-MAR-1955	04-SEP-1981	6217	NEWCHT	18-JUN-1976	12-FEB-1993
5469	NEWCHT	18-MAR-1955	12-NOV-1982	6218	NEWEDN	11-MAR-1988	13-NOV-1992
5471	NEWEDN	12-MAY-1967	04-DEC-1981	6240	NEWEDN	15-DEC-1995	
5476	NEWEDN	03-JUL-1959	15-JUN-1973	6241	NEWEDN	06-AUG-1957	28-MAY-1982
5510	NEWEDN	11-JAN-1980		6242	NEWEDN	13-JUN-1980	01-MAY-1992
5512	NEWCHT	18-DEC-1987		6243	NEWEDN	10-DEC-1971	17-NOV-1995
5533	NEWEDN	11-MAR-1977		6247	NEWEDN	19-FEB-1993	
5620	NEWEDN	29-DEC-2000		6248	NEWCHT	04-MAY-1934	06-OCT-1995
5621	NEWEDN	26-APR-1991		6249	NEWEDN	29-MAR-1985	
5622	NEWEDN	27-DEC-1991		6251	NEWEDN	26-MAY-2000	
5623	NEWEDN	08-NOV-1991		6258	NEWCHT	30-DEC-1988	
5624	NEWEDN	26-APR-1991		6259	NEWCHT	23-FEB-1990	
5625	NEWEDN	10-JUL-1992		6260	NEWCHT	06-JAN-1989	
5626	NEWCHT	08-AUG-1986		6263	NEWCHT	14-APR-1989	
5628	NEWCHT	08-AUG-1997		6264	NEWCHT	14-APR-1989	
5629	NEWCHT	27-OCT-2000		6267	NEWCHT	09-JUL-1965	28-AUG-1981
5640	NEWCHT	22-APR-1994		6268	NEWEDN	15-JUN-1962	
5641	NEWCHT	01-DEC-2000		6269	NEWEDN	04-NOV-1960	11-MAR-1977
5705	NEWEDN	13-MAY-1983		6270	NEWEDN	09-NOV-1973	
5706	NEWEDN	24-JUN-1983		6271	NEWEDN	07-SEP-1973	
5707	NEWEDN	28-JAN-1983		6272	NEWEDN	14-SEP-1973	

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Chart Number	Category	Edition Date	Reprint Date	Chart Number	Category	Edition Date	Reprint Date
6273	NEWEDN	28-SEP-1973		6455	NEWCHT	15-MAY-1987	
6274	NEWEDN	07-SEP-1973		6505	NEWCHT	05-APR-1985	28-FEB-1986
6281	NEWEDN	02-JUN-2000		6506	NEWCHT	12-APR-1985	21-FEB-1986
6285	NEWCHT	03-JUN-1988		6730	NEWCHT	26-DEC-1969	16-MAR-1979
6286	NEWCHT	25-NOV-1988		7000	NEWCHT	05-MAR-1982	
6287	NEWCHT	11-JUN-1982		7010	NEWEDN	12-JAN-1979	04-MAR-1988
6310	NEWEDN	04-MAY-1973	17-FEB-1978	L/C7011	NEWEDN	02-SEP-1983	
6311	NEWCHT	17-AUG-1962		7050	NEWEDN	03-FEB-1989	
6341	NEWEDN	14-JAN-1991		7051	NEWEDN	14-DEC-1973	08-AUG-1986
6354	NEWCHT	09-NOV-1950		7052	NEWEDN	10-JUN-1966	19-JUL-1985
6355	NEWEDN	09-FEB-1972		7053	NEWEDN	10-APR-1970	08-APR-1994
6356	NEWCHT	30-OCT-1949		7065	NEWEDN	31-MAY-1963	30-DEC-1983
6357	NEWCHT	28-FEB-1950	13-APR-1973	7066	NEWEDN	21-JUN-1963	30-AUG-1985
6358	NEWEDN	18-MAY-1949	28-JAN-1972	7067	NEWEDN	30-APR-1971	18-MAY-1990
6359	NEWEDN	24-MAY-1968		7071	NEWEDN	31-JUL-1964	08-SEP-1978
6360	NEWCHT	17-APR-1948		7072	NEWEDN	30-APR-1971	25-JUL-1997
6368	NEWCHT	16-JUN-1958	06-AUG-1976	7082	NEWEDN	20-MAY-1966	27-APR-1984
6369	NEWEDN	24-MAY-1985		7083	NEWEDN	15-JUN-1984	
6370	NEWEDN	03-AUG-1990		7103	NEWEDN	05-AUG-1977	
6371	NEWEDN	01-MAR-1974		7121	NEWEDN	17-NOV-1972	06-OCT-1989
6390	NEWEDN	08-FEB-1980		7122	NEWEDN	19-OCT-1962	06-SEP-1985
6408	NEWEDN	12-MAY-2000		7125	NEWEDN	20-APR-1960	26-SEP-1980
6409	NEWEDN	12-MAY-2000		7126	NEWEDN	08-MAR-1954	13-AUG-1993
6410	NEWEDN	12-MAY-2000		7127	NEWEDN	27-MAY-1983	14-DEC-1984
6411	NEWEDN	12-MAY-2000		7134	NEWCHT	23-JUL-1993	
6412	NEWEDN	12-MAY-2000		7135	NEWEDN	07-MAR-1958	14-DEC-1979
6413	NEWEDN	30-APR-1999		7136	NEWCHT	23-JUL-1993	
6414	NEWEDN	30-APR-1999		7150	NEWEDN	09-JUL-1965	01-OCT-1982
6415	NEWEDN	12-MAY-2000		7170	NEWEDN	18-APR-1975	23-DEC-1983
6416	NEWEDN	12-MAY-2000		7171	NEWEDN	15-APR-1960	08-SEP-1978
6417	NEWEDN	30-APR-1999		7180	NEWEDN	11-AUG-1978	
6418	NEWEDN	30-APR-1999		7181	NEWCHT	22-FEB-1963	04-MAY-1984
6419	NEWEDN	30-APR-1999		7184	NEWCHT	10-JUL-1964	16-DEC-1977
6420	NEWEDN	30-APR-1999		7185	NEWEDN	08-APR-1960	27-APR-1984
6421	NEWEDN	12-MAY-2000		7193	NEWCHT	10-MAY-1963	10-MAR-1978
6422	NEWEDN	12-MAY-2000		7194	NEWEDN	20-MAR-1981	
6423	NEWEDN	12-MAY-2000		7195	NEWCHT	23-JUL-1993	
6424	NEWEDN	12-MAY-2000		7212	NEWEDN	11-JAN-1985	
6425	NEWEDN	12-MAY-2000		7220	NEWEDN	02-NOV-1979	16-MAR-1984
6426	NEWEDN	12-MAY-2000		7292	NEWCHT	30-JAN-1962	27-SEP-1985
6427	NEWEDN	12-MAY-2000		7302	NEWEDN	18-AUG-1978	09-NOV-1990
6428	NEWEDN	12-MAY-2000		7304	NEWCHT	17-FEB-1978	06-SEP-1985
6429	NEWEDN	12-MAY-2000		7310	NEWCHT	11-JUL-1986	
6430	NEWEDN	12-MAY-2000		7371	NEWEDN	14-DEC-1973	27-MAR-1981
6431	NEWEDN	30-APR-1999		7404	NEWEDN	17-MAY-1963	02-SEP-1983
6432	NEWEDN	12-MAY-2000		7405	NEWEDN	01-OCT-1982	
6433	NEWEDN	12-MAY-2000		7411	NEWEDN	13-APR-1973	29-SEP-1989
6434	NEWEDN	12-MAY-2000		7430	NEWEDN	21-MAY-1976	07-OCT-1983
6435	NEWEDN	12-MAY-2000		7465	NEWEDN	28-FEB-1957	02-AUG-1991
6436	NEWEDN	12-MAY-2000		7481	NEWCHT	21-AUG-1992	
6437	NEWEDN	12-MAY-2000		7482	NEWCHT	21-AUG-1992	
6438	NEWEDN	12-MAY-2000		7485	NEWCHT	17-MAR-1989	
6441	NEWEDN	12-MAY-2000		7486	NEWCHT	10-FEB-1989	
6451	NEWEDN	12-MAY-2000		7487	NEWCHT	10-JUL-1987	
6452	NEWEDN	12-MAY-2000		7488	NEWCHT	08-MAR-1991	
6453	NEWEDN	30-APR-1999		7489	NEWCHT	28-AUG-1992	
6454	NEWCHT	15-MAY-1987		7502	NEWEDN	31-JUL-1998	

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Chart Number	Category	Edition Date	Reprint Date	Chart Number	Category	Edition Date	Reprint Date
7511	NEWEDN	29-DEC-1989		7735	NEWEDN	14-AUG-1970	18-NOV-1983
7512	NEWCHT	05-JUL-1985		7750	NEWEDN	13-JUN-1997	
7520	NEWCHT	01-JUN-1984		7760	NEWCHT	03-MAY-1968	19-AUG-1983
7521	NEWCHT	01-JUN-1984		7770	NEWEDN	27-AUG-1971	04-JUL-1980
7527	NEWEDN	29-DEC-2000		7776	NEWEDN	30-MAY-1997	
7540	NEWCHT	07-JAN-1983		7777	NEWEDN	30-MAY-1997	
7552	NEWEDN	27-MAR-1998		7778	NEWEDN	13-JUN-1997	
7565	NEWCHT	04-OCT-1996		7779	NEWEDN	13-JUN-1997	
7566	NEWCHT	22-JUN-1990		7780	NEWCHT	06-JUL-1990	
7568	NEWCHT	05-JUL-1985		7781	NEWCHT	06-JUL-1990	
7569	NEWCHT	05-JUL-1985		7782	NEWEDN	13-JUN-1997	
7570	NEWCHT	02-MAY-1986		7783	NEWEDN	13-JUN-1997	
7571	NEWCHT	11-APR-1986		7784	NEWCHT	03-JUL-1998	
7572	NEWCHT	02-MAY-1986		7832	NEWEDN	19-FEB-1971	06-MAR-1981
7573	NEWCHT	25-FEB-2000		7920	NEWEDN	27-APR-1984	23-MAY-1986
7575	NEWCHT	06-MAR-1992		7930	NEWEDN	18-MAY-1984	
7578	NEWCHT	27-JAN-1995		7935	NEWEDN	21-JUN-1985	
7600	NEWCHT	26-JUL-1985		7940	NEWEDN	27-APR-1979	20-SEP-1985
7608	NEWEDN	04-JUN-1976	04-MAR-1983	7941	NEWCHT	05-JAN-1973	14-MAR-1986
7620	NEWCHT	02-MAY-1997		7950	NEWEDN	03-MAY-1985	
7621	NEWCHT	02-MAY-1997		7951	NEWEDN	24-FEB-1984	
7646	NEWEDN	02-FEB-1973	28-NOV-1980	7952	NEWEDN	17-MAR-1972	27-JUL-1984
7661	NEWCHT	14-MAR-1986		7953	NEWEDN	05-APR-1996	
7662	NEWEDN	19-JUL-1991		7954	NEWCHT	17-MAY-1974	17-JUN-1983
7663	NEWEDN	25-APR-1997		7980	NEWCHT	16-JAN-1987	
7664	NEWCHT	28-FEB-1986		L/C8005	NEWEDN	07-DEC-1984	02-MAY-1997
7665	NEWCHT	13-JUN-1986		L/C8006	NEWEDN	05-AUG-1988	
7666	NEWCHT	28-FEB-1986		L/C8007	NEWEDN	19-AUG-1988	
7667	NEWCHT	14-MAR-1986		L/C8010	NEWEDN	01-AUG-1986	26-MAY-1989
7668	NEWCHT	18-MAY-1990		L/C8011	NEWEDN	30-DEC-1994	
7669	NEWCHT	18-MAY-1990		L/C8012	NEWEDN	04-NOV-1994	
7685	NEWCHT	28-FEB-1986		L/C8013	NEWEDN	04-NOV-1994	
7686	NEWCHT	27-MAR-1981	19-JAN-1990	L/C8014	NEWEDN	18-NOV-1994	
7687	NEWCHT	05-AUG-1983		L/C8015	NEWEDN	16-DEC-1994	
7710	NEWEDN	13-JUN-1997		L/C8046	NEWEDN	07-OCT-1983	
7725	NEWEDN	22-JUN-1984		L/C8047	NEWEDN	07-OCT-1983	06-DEC-1985
7731	NEWEDN	25-MAY-1984		L/C8048	NEWEDN	30-DEC-1994	
7733	NEWEDN	19-MAR-1971	08-FEB-1980	L/C8049	NEWEDN	30-DEC-1994	

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CANADIAN HYDROGRAPHIC SERVICE - Electronic Navigation Charts.

The CHS has adopted the International S-57 (Vector) ENC and S-61 (Raster) EC Standards for navigation products and, as such, the NTX is no longer needed for navigation purposes.

ALL NTX ECs listed below have been Permanently Withdrawn.

This is a follow-up to the notice previous advertised in September, 2000.

NTX EC PRODUCT #

79001	79013	79023	79034	79044	79054	79067	79077	79087
79002	79014	79024	79035	79045	79056	79068	79078	79088
79003	79015	79025	79036	79046	79059	79069	79079	79089
79004	79016	79026	79037	79047	79060	79070	79080	79090
79005	79017	79028	79038	79048	79061	79071	79081	79091
79006	79018	79029	79039	79049	79062	79072	79082	79092
79007	79019	79030	79040	79050	79063	79073	79083	79094
79008	79020	79031	79041	79051	79064	79074	79084	79095
79010	79021	79032	79042	79052	79065	79075	79085	79099
79012	79022	79033	79043	79053	79066	79076	79086	79102

NTX EC PRODUCT #

79103	79142
79104	79147
79105	
79106	
79107	
79108	
79129	
79130	
79131	
79141	

CANADIAN HYDROGRAPHIC SERVICE - S57 Electronic Navigation Charts.

- Notes:**
- (1) The following ENC products are only available from:
Nautical Data International Inc.
P.O. Box 127, Station C
St. John's, Newfoundland
A1C 5H5
Telephone: 1-800-563-0634 or 1 (709) 576-0634
Facsimile: (709) 576-0636
 - (2) For licence information and rates please contact the distributor,
Nautical Data International Inc. (NDI) at the above-mentioned address.

RELEASED PRODUCTS	
S-57 ENC NUMBER	CHART TITLE
CA470366	Haro Strait, Boudary Pass and/et Satellite Channel
CA373092	Lake Huron/Lac Huron (Southern Portion/Partie sud)
CA573266	Belleville to/à Telegraph Narrows
CA573273	Goderich Harbour
CA473275	Cardinal to/à Whaleback Shoal
CA473276	Lower Gap to/à Adolphus Reach
CA473277	Upper Gap to/à Telegraph Narrows

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RELEASED PRODUCTS	
S-57 ENC NUMBER	CHART TITLE
CA573280	Bears Back Island to Clapperton Island
CA476035	Passamaquoddy Bay and St. Croix River
CA476071	Bay Bulls and/et Witless Bay
CA376083	Taylor's Head to/à Shut-in Island
CA476089	Ship Harbour
CA276113	Cape Harrison to/à St Michael Bay
CA576114	Long Pond
CA576115	Holyrood
CA576116	Ultramar (Wharf/Quai)
CA576117	Generator Plant (Wharf) / Centrale d'énergie (Quai)
CA576118	Holyrood (Marina)
CA576227	Marystown Wharves / Quais
CA276236	Cape St. John to Cape Bonavista
CA576282	Canso Lock
CA176290	Labrador Sea, Strait of Belle Isle to/à Davis Strait
CA476327	Bay of Exploits - Sheet II (Middle)
CA376340	Catalina Harbour to/à Inner Gooseberry Island
CA376807	Bonavista Bay (Southern Portion)
CA376808	Bonavista Bay (Southern Portion)
CA570020	Dent and/et Yuculta Rapids
CA570021	Greene Point Rapids
CA470022	Johnstone Strait-Race Passage and/et Current Passage
CA470023	Topaze Harbour
CA570026	Alert Bay
CA470036	Approaches to/Approches à Seymour Inlet and/et Belize Inlet
CA470075	Race Rocks to d'Arcy Island
CA473036	Carleton Island to/au Charity Shoal
CA373072	West of Michipicoten Island to Simons Harbour
CA479014	Batiscan au/to Lac Saint-Pierre
CA579015	Port de Trois-Rivières
CA579016	Port de Becancour
CA579018	Batiscan
CA579019	Portneuf
CA479025	Sault-au Cochon à/to Quebec
CA379035	Pointe au Boisvert à/to Cap de la Tete au Chien
CA473028	Lac Saint-Francois (Partie est / Eastern Portion)
CA473029	Lake St.Francis / Lac Saint François (Western Portion) / (Partie ouest)
CA573030	Cornwall
CA473031	Lake St.Lawrence (Eastern Portion / Partie est)

**SECTION 2 – Edition 04/2001
CHART CORRECTIONS**

3311 - Port Moody to/à Howe Sound - New Edition - 31-DEC-1993 - NAD 1983

06-APR-2001		LNM/D. 02-MAR-2001
Add	anchor berth Z	49°17'09.6"N 123°10'00.0"W DFO(6201018-01)

3481 - Approches to/Approches à Vancouver Harbour - New Edition - 22-SEP-2000 - NAD 1983

06-APR-2001		
Add	anchor berth Z	49°17'09.6"N 123°10'00.0"W DFO(6201018-01)

3490 - Compartment A-B - New Edition - 25-JUL-1997 - NAD 1983

20-APR-2001		LNM/D. (1312-1999)
Replace	port daybeacon and radar reflector with light Fl(3) G equipped with radar reflector marked 5A	49°07'26.1"N 123°15'32.4"W (P2000-202) LL(318) DFO(6200965-01)

Replace	port daybeacon and radar reflector with light Fl(3) G equipped with radar reflector marked 3A	49°06'54.4"N 123°16'48.8"W (P2000-201) LL(316) DFO(6200965-02)
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Replace	port daybeacon and radar reflector with light Fl(3) G equipped with radar reflector marked 1A	49°06'31.1"N 123°17'44.4"W (P2000-200) LL(313.5) DFO(6200965-03)
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3493 - Vancouver Harbour, Western Portion / Partie Ouest - New Edition - 18-DEC-1998 - NAD 1983

06-APR-2001		LNM/D. 24-MAR-2000
Add	anchor berth Z	49°17'09.6"N 123°10'00.0"W DFO(6201018-01)

3548 - Port Hardy - New Edition - 26-SEP-1997 - NAD 1983

06-APR-2001		LNM/D. 13-OCT-2000
Add	port daybeacon	50°43'23.3"N 127°27'30.5"W DFO(6201016-01)

Add	breakwater	between 50°43'23.3"N 127°27'30.5"W and 50°43'23.1"N 127°27'26.0"W DFO(6201016-02)
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Add	legend "Bkw"	50°43'23.3"N 127°27'23.0"W DFO(6201016-03)
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3959 - Hudson Bay Passage - New Chart - 11-DEC-1987 - NAD 1983

06-APR-2001		LNM/D. 05-MAY-2000
Add	wreck showing portion of superstructure	54°28'09.4"N 130°47'27.1"W DFO(6201017-01)

5620 - Chesterfield Anchorage - New Edition - 29-DEC-2000 - NAD 1983

13-APR-2001		
Replace	depth of 3.7 metres with depth of 3.1 metres	63°19'46.8"N 090°41'41.0"W DFO(6601442-01)

SECTION 4 - Edition 04/2001
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Arctic Canada, Volume 3, Fifth Edition, 1994 —

Page 115 — Paragraph 165, line 5

Delete: 4 fathom (7.3 m)

Replace by: 3-fathom (5.5-m)

(C2001-037.1)

British Columbia, Volume 1, Sixteenth Edition, 1999 —

Page 71 — Delete paragraph 92.

(P2001-19.1)

Page 105 — After paragraph 184

Add: ^{184.1} Two privately operated lights are shown from the seaward end of the public fishing and recreation pier.

(P2001-22)

Page 107 — Delete paragraph 230.

(P2001-19.2)

Page 320 — Delete paragraph 100.

(P2001-16.1)

Page 354 — Paragraph 144

Line 2 — Delete: skeleton

Line 3 — Delete: 9.7 m high

Line 4 — Delete: “It is fitted” to end of sentence.

(P2001-21)

British Columbia, Volume 2, Twelfth Edition, 1991 —

Page 197 — Delete paragraph 47.

(P2001-18)

Page 223 — Paragraph 133, lines 4 and 5

Delete: “a private ... extends”

Replace by: shoal water extending

(P2001-20)

SECTION 5 – Edition 04/2001
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
PACIFIC							
208 G5322	Pelly Island Aeronautical beacon	On S. extremity of island. 48 25 32.8 123 22 58.5	Fl G Q W	4s 90s	5.8 .....	..... .....	White cylindrical tower, green band at top. 6.3 Radar reflector. Year round. Flash every 90 s Occasional.
							Chart:3415 Edn 04/01 (P00-199)
278 G5375	Crofton Wharf Fog Signal						Delete from List.
							Chart:3475 Edn 04/01 (P01-010)
279 G5377	Vesuvius Bay Fog Signal						Delete from List.
							Chart:3442 Edn 04/01 (P01-011)
313.5	Northside Jetty 1A	49 06 31.1 123 17 44.4	Fl(3) G	12s	6.1	7	White cylindrical tower, green band at top. Year round.
							Chart:3490 Edn 04/01 (P00-200)
316	Northside Jetty 3A	49 06 54.4 123 16 48.8	Fl(3) G	12s	6.3	7	White cylindrical tower, green band at top. Year round.
							Chart:3490 Edn 04/01 (P00-201)
318	Northside Jetty 5A	49 07 26.1 123 15 32.4	Fl(3) G	12s	5.8	7	White cylindrical tower, green band at top. Year round. Radar reflector.
							Chart:3490 Edn 04/01 (P00-202)
385.5	<i>Vancouver Approach Cautionary light buoy QA</i>	<i>W. of Point Grey. 49 16 34.4 123 19 18.4</i>	<i>Fl Y</i>	<i>4s</i>	<i>.....</i>	<i>.....</i>	<i>Yellow, marked "QA". Year round.</i>
							Chart:3481 Edn 04/01 (P01-035)
386 G5426	Point Atkinson	N. point of entrance to Burrard Inlet. 49 19 49.4 123 15 52.9	Fl(2) W	5s	32.9	20	White hexagonal tower, with 6 buttresses. Flash 0.25 s; eclipse 0.75 s; flash 0.25 s; eclipse 3.75 s. Emergency light. Year round.
							Chart:3481 Edn 04/01 (P01-036)
386.3 G5426.8	Spanish Banks No.2	Entrance to English Bay. 49 17 21.3 123 14 52.9	Fl(2) R	6s	7.4	5	White cylindrical tower, red band at top on 9-pile dolphin. Flash 0.5 s; eclipse 1 s; flash 0.5 s; eclipse 4 s. Radar reflector. Year round.
							Chart:3481 Edn 04/01 (P01-037)
387.01 G5426.6	Spanish Bank	49 17 14.5 123 13 35.9	Fl W	4s	7.0	6	White cylindrical tower, red band at top on 9-pile dolphin. Radar reflector. Year round.
							Chart:3481 Edn 04/01 (P01-038)
387.1 G5427	Spanish Bank Anchorage East	49 17 06.7 123 13 09.2	Q Y	1s	6.5	5	Mast on a 9-pile dolphin, white and orange octagonal slatwork daymark, white vertical stripe. Year round.
							Chart:3481 Edn 04/01 (P01-039)

SECTION 5 – Edition 04/2001
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
PACIFIC							
387.2 G5427.2	English Bay Anchorage East	Seaward end of breakwater. 49 16 31.2 123 11 18	Q Y	1s 4.9	9	Mast on wharf railing.	Year round. Chart:3481 Edn 04/01 (P01-040)
388	Burrard Inlet Cautionary light buoy QB Racon - - (K) X & S Band	49 19 02.2 123 12 04.5	Fl Y	4s .....	.....	Yellow, marked "QB".	Year round. Chart:3481 Edn 04/01 (P01-041)
418 G5419	Point Cowan	On the point. 49 20 08.2 123 21 39.7	Q W	1s 20.4	7	White cylindrical tower.	Year round. Chart:3481 Edn 04/01 (P01-042)
421.2 G5421.35	Grebe Islets	49 20 28.6 123 16 33.7	Fl(3) R	12s 7.0	.....	White cylindrical tower, red band at top.	Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Radar reflector. Year round. Chart:3481 Edn 04/01 (P01-043)
421.4 G5421.4	Bird Islet	49 21 46.2 123 17 31.4	Fl R	4s 4.5	.....	White cylindrical tower, red band at top.	Radar reflector. Year round. Chart:3481 Edn 04/01 (P01-044)
422 G5421.5	Lookout Point	On point. 49 22 36.4 123 17 25.7	Q R	1s 7.0	5	White cylindrical tower, red band at top.	Year round. Chart:3481 Edn 04/01 (P01-045)
529 G5575	Harbott Point	On SW. extremity of Stuart Island. 50 21 41.3 125 08 09.3	Fl R	4s 8.5	4	White cylindrical tower, with red band at top. 4.8	Year round. Chart:3543 Edn 04/01 (P00-190)
586 G5673	Kwakume Point	On SW. end of island. 51 41 32.3 127 53 22.9	Fl(3) W	12s 7.0	6	Square skeleton tower.	Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Year round. Chart:3935 Edn 04/01 (P00-192)
587 G5674	Kelpie Point	On the point. 51 44 00.6 127 59 47.9	Fl W	4s 6.3	6	Square skeleton tower.	Year round. Chart:3935 Edn 04/01 (P00-193)
588 G5675	Odlum Island	W. side of point. 51 41 36.5 128 07 12.8	Fl W	6s 21.5	6	Square skeleton tower.	Flash 0.5 s; eclipse 5.5 s. Year round. Chart:3935 Edn 04/01 (P00-194)
588.7 G5709	Spider Channel	N. end of Spider Island. 51 51 46.2 128 15 31.6	Fl W	4s 18.8	5	Square skeleton tower.	Year round. Chart:3937 Edn 04/01 (P00-025) Edn 04/01 (P01-046)

SECTION 5 – Edition 04/2001
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

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

589 G5711	Currie Islet (Gosling Rocks)	On islet. 51 51 05.5 128 27 24.8	Fl W	6s	15.7	6	Square skeleton tower.	Flash 0.5 s; eclipse 5.5 s. Year round.
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Chart:3937
Edn 04/01 (P01-047)

**CANADIAN COAST GUARD
MARINE INFORMATION REPORT AND SUGGESTION SHEET**

Navigating Officer or Observer: _____ Captain: _____

Ship (or address) _____

If Merchant Vessel add Line or Company with Head Office address: _____

General locality: _____

Subject: _____

Approx. position: _____ Lat. _____ Long _____

Chart No. used to plot: _____ (Corrected to N/M No. _____ of 2000) _____ Publications affected: (Quote Volume and page)

* Full details (Attach additional sheets as necessary)

Time (UTC) _____ Date _____

INSTRUCTIONS:

Mariners are requested to notify the responsible authorities when new or suspected dangers to navigation are discovered, changes are observed in aids to navigation, or corrections to publications are seen to be necessary.

** In the case of new or suspected dangers to navigation, it is important that all details be given in order to aid with future investigations. Items of interest include heights, depths, physical description, type of bottom and equipment method used to position the item. It is helpful to mark details on chart, which will be promptly replaced by the Canadian Hydrographic Service.*

Reports should be made to the nearest Marine Communications and Traffic Services Centre and should be confirmed in writing to:

Director, Navigation Systems
Canadian Coast Guard
Department of Fisheries and Oceans
Ottawa, Ontario, K1A 0E6

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

OR

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

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