



# 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>

## 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.

**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) before the chart action. Please note that Nautical charts are not hand amended by the Canadian Hydrographic Service for Temporary (T) and Preliminary (P) Notices. It is recommended that mariners chart these corrections in pencil. Listing of charts affected by Temporary and Preliminary Notices are revised and promulgated quarterly under the *Cumulative chart correction list* published in Section 1 of the Monthly Edition.

**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*.

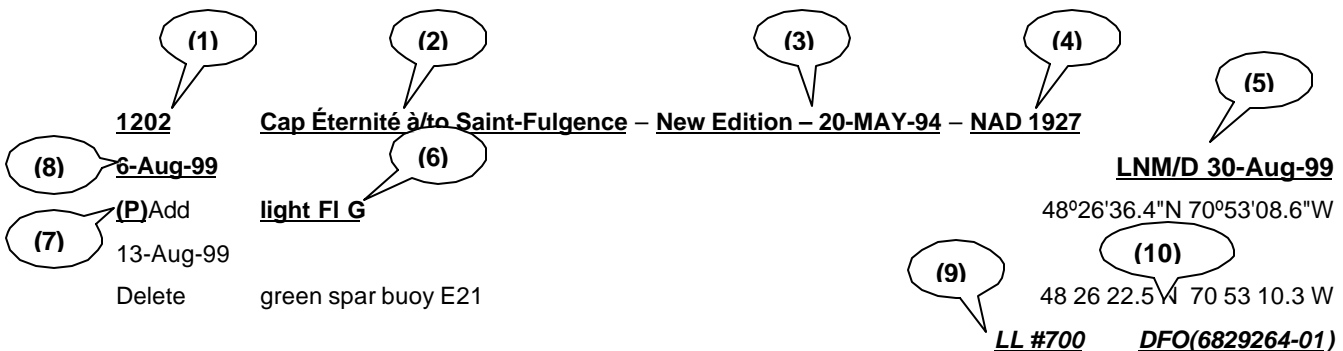
**Monthly edition of Notices to Mariners** - *Notices to Mariners* are issued free of charge on a monthly basis. Mariners now have a choice between specific *Regional* issue(s) they wish to receive. Requests to be placed on or removed from the mailing list should be made by using the form inserted on page x 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.**

## CHART CORRECTIONS – SECTION 2

Corrections to nautical charts will be listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to CHS Chart 1 Symbols, Abbreviations Terms for additional information pertaining to the correction of charts. The illustration below describes the elements that will comprise a typical Section 2 chart correction.



- 1 - Chart Number
- 2 - Chart Title
- 3 - Chart's latest New Edition date
- 4 - Horizontal Chart Datum
- 5 - Last Correction

- 6 - Chart action
- 7 - Notice type
- 8 - Weekly chart correction date
- 9 - List of light number
- 10 - Record reference number

The last correction number is identified with the **LNMD** or **Last Notice to Mariners Number / Date**. This number is expressed in either old notice number format (ex.: 594/99) or in day-month-year format which is the date known as the weekly chart correction date shown in the above diagram as item (8).

## 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) 772-5369

#### 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

#### Quebec

Quebec 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-cc.gc.ca/mcts/notship/index.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, NL	338,339	940	46 46 N	53 11 W	315	200
Cape Ray, NL	340,341	942	47 38 N	59 14 W	288	200
Cape Norman, NL	342,343	944	51 30 N	55 49 W	310	200
Rigolet, NL	344,345	946	54 11 N	58 27 W	299	200
Partridge Island, NB	326,327	939	45 14 N	66 03 W	295	200
Pt. Escuminac, NB	332,333	936	47 04 N	64 48 W	319	200
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	330,331	937	44 36 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
Wiaraton, 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 / Fabricant: \_\_\_\_\_ Model: \_\_\_\_\_

DGPS beacon receiver / Démodulateur DGPS: Make / Fabricant : \_\_\_\_\_ Model: \_\_\_\_\_

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

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

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

ECDIS / SVCEI: Make / Fabricant: \_\_\_\_\_ Model: \_\_\_\_\_

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

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

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

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

- 1) Fax / Par télécopieur : (613) 998-8428  
Attention: Aids to Navigation / Aides à la 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 .

# MONTHLY EDITION OF NOTICES TO MARINERS

## MAILING LIST CHANGES

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

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

Please indicate which edition you would like to receive.

**EASTERN EDITION** (will be comprised of Arctic, Newfoundland, Maritimes, Gulf & River St. Lawrence and Central areas) \_\_\_\_\_

**WESTERN EDITION** (will be comprised of Arctic and Pacific areas) \_\_\_\_\_

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

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**SECTION 1 – Edition 01/2003  
SAFETY AND GENERAL INFORMATION**

**CANADA - 96 HOURS NOTIFICATION PRIOR TO ENTERING CANADIAN WATERS - CAUTION.**

Effective October 11<sup>th</sup>, 2001, 0000 UTC, all vessels that are:

- a) of 500 gross tonnage or more;
- b) engaged in towing or pushing a vessel, where the combined tonnage of the ship and the vessel being towed or pushed is 500 tons gross tonnage or more; or
- c) carrying a pollutant or dangerous goods, or engaged in towing or pushing a vessel carrying a pollutant or dangerous goods;

**must request clearance 96 hours prior to entering Canadian waters from seaward**, or as soon as practical where the estimated time of arrival of the ship in Canadian waters is less than 96 hours after the time the ship departed its last port of call. This will remain in effect until further notice.

**\*110(T) CANADA - TEMPORARY DEGRADED DGPS SERVICE.**

Some GPS satellites are temporarily unavailable for service and have affected the Differential GPS (DGPS) service provided by the Canadian Coast Guard. Until further notice of a restoration of the GPS constellation, DGPS users can expect to lose service lasting for a few minutes every day. Similarly, GPS users will experience degraded GPS service as a result of the reduced GPS satellite constellation.

Intervals in UTC:

	25-31 January	1 – 7 February	8-14 February	15-21 February	22-28 February
Newfoundland	0826 – 0907	0758 – 0839	0829 – 0810	0700 – 0741	0632 – 0712
Maritimes	0826 – 0905	0758 – 0836	0739 – 0807	0700 – 0739	0632 – 0710
Québec	0831 – 0923	0802 – 0855	0733 – 0826	0705 – 0757	0636 – 0728
Central & Arctic	0856 – 0930	0827 – 0902	0758 – 0833	0730 – 0804	0701 – 0736
Pacific	Not affected	Not affected	Not affected	Not affected	Not affected

**\*108 CANADIAN HYDROGRAPHIC SERVICE - CHARTS.**

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
<b>New Editions</b>	All temporary and preliminary notices affecting the previous versions of the following charts are now cancelled. For any outstanding notices please consult section 2 of this edition.				
3440	Race Rocks to/à D'Arcy Island	1:40 000	29-NOV-2002	2	\$20.00
	NOTE: This chart incorporate the new Traffic Separation Scheme for the Strait of Juan de Fuca. See the special notices in the November issue of the monthly notices explaining the impact on local navigation.				
3441	Haro Strait, Boundary Pass and/et Satellite Channel	1:40 000	29-NOV-2002	2	\$20.00
	NOTE: This chart incorporates the new Traffic Separation Scheme for the Strait of Juan de Fuca. See the special notices in the November issue of the monthly notices explaining the impact on local navigation.				
3461	Juan de Fuca Strait, Eastern Portion/Partie Est	1:80 000	29-NOV-2002	2	\$20.00
	NOTE: This chart incorporates the new Traffic Separation Scheme for the Strait of Juan de Fuca. See the special notices in the November issue of the monthly notices explaining the impact on local navigation.				

**SECTION 1 – Edition 01/2003  
SAFETY AND GENERAL INFORMATION**

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
3462	Juan de Fuca Strait to/à Strait of Georgia	1:80 000	29-NOV-2002	2	\$20.00
	NOTE: This chart incorporates the new Traffic Separation Scheme for the Strait of Juan de Fuca. See the special notices in the November issue of the monthly notices explaining the impact on local navigation.				
3463	Strait of Georgia, Southern Portion/Partie Sud	1:80 000	29-NOV-2002	2	\$20.00
	NOTE: This chart incorporates the new Traffic Separation Scheme for the Strait of Juan de Fuca. See the special notices in the November issue of the monthly notices explaining the impact on local navigation.				
3492	Roberts Bank	1:20 000	29-NOV-2002	2	\$20.00
	NOTE: This chart incorporates the new Traffic Separation Scheme for the Strait of Juan de Fuca. See the special notices in the November issue of the monthly notices explaining the impact on local navigation.				
3601	Juan de Fuca Strait to/à Vancouver Harbour	1:200 000	29-NOV-2002	2	\$20.00
	NOTE: This chart incorporates the new Traffic Separation Scheme for the Strait of Juan de Fuca. See the special notices in the November issue of the monthly notices explaining the impact on local navigation.				
3602	Approches to/Approches à Juan de Fuca Strait	1:150 000	29-NOV-2002	2	\$20.00
	NOTE: This chart incorporates the new Traffic Separation Scheme for the Strait of Juan de Fuca. See the special notices in the November issue of the monthly notices explaining the impact on local navigation.				
3606	Juan de Fuca Strait	1:110 000	29-NOV-2002	2	\$20.00
	NOTE: This chart incorporates the new Traffic Separation Scheme for the Strait of Juan de Fuca. See the special notices in the November issue of the monthly notices explaining the impact on local navigation.				

**\*106 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
<b>New Charts</b>	All temporary and preliminary notices affecting the previous versions of the following charts are now cancelled. For any outstanding notices please consult section 2 of this edition.		
4505R/M	Plans on the East Coast of Newfoundland		See Note 2
4712R/M	Humber Arm - Meadows Point to Humber River		See Note 2
4825R/M	Burgeo and/et Ramea Islands		See Note 2
<b>New Editions</b>	All temporary and preliminary notices affecting the previous versions of the following charts are now cancelled. For any outstanding notices please consult section 2 of this edition.		
1512R/M	Ottawa to/à Smiths Falls		See Note 2
2025R/M	Bobcaygeon to/au Lake Simcoe		See Note 2
2028R/M	Lakes Simcoe and Couchiching including the Holland River/Lacs Simcoe et Couchiching y compris Holland river		See Note 2
2200R/M	Lake Huron/Lac Huron		See Note 2
2245R/M	Beaverstone Bay to/à Lonely Island and/et McGregor Bay		See Note 2

**SECTION 1 – Edition 01/2003  
SAFETY AND GENERAL INFORMATION**

<b>New Editions</b>	All temporary and preliminary notices affecting the previous versions of the following charts are now cancelled. For any outstanding notices please consult section 2 of this edition.			
2259R/M	John Island to Blind River			See Note 2
2312R/M	Nipigon Bay and Approaches/et les approches			See Note 2
4337R/M	Alma and Approaches			See Note 2
4342R/M	Harbours in Grand Manan			See Note 2
4376R/M	Louisbourg Harbour			See Note 2
4399R/M	Parrsboro Harbour and Approaches/et les approches			See Note 2
4443R/M	East River of Pictou Indian Cross Point to/à Trenton and/et New Glasgow			See Note 2
4451R/M	Îles de la Madeleine			See Note 2
4530R/M	Hamilton Sound, Eastern Portion / Partie est			See Note 2
4617R/M	Red Island to Pinchgut Point			See Note 2
6105R/M	Rainy Lake / Lac à la Pluie			See Note 2

**\*107 CANADIAN HYDROGRAPHIC SERVICE - ELECTRONIC NAVIGATION CHARTS-57.**

**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				
CA570035	Bull Harbour				
CA276311	Petitcodiac River				
CA470058	Grenville Channel, Baker Inlet to/à Ogden Channel				
CA570093	Hot Springs Cove				
CA570262	Okisollo Channel				
CA470307	Queen Charlotte Strait Western Portion/Partie Ouest (Part 2 of 2)				
CA579090	Marina de Gaspé				

**\*101 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 - "NEWCHT"**

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 - "NEWEDT"**

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 issue 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.

Chart Number	Category	Edition Date	Reprint Date
1202	NEWEDN	10-SEP-1999	
1203	NEWEDN	16-NOV-2001	
1209	NEWEDN	14-DEC-1984	02-AUG-1996
1220	NEWEDN	28-FEB-1997	

Chart Number	Category	Edition Date	Reprint Date
1221	NEWEDN	23-APR-1999	
1223	NEWEDN	03-OCT-1997	
1226	NEWEDN	19-NOV-1999	
1230	NEWEDN	10-MAY-2002	

**SECTION 1 – Edition 01/2003  
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition Date	Reprint Date
1233	NEWEDN	09-NOV-2001	
1234	NEWEDN	25-MAY-2001	
1235	NEWEDN	31-MAR-2000	
L/C1236	NEWEDN	25-SEP-1998	
1260	NEWCHT	04-JAN-1991	
1310	NEWEDN	24-MAR-2000	
1311	NEWCHT	05-NOV-1999	
1312	NEWEDN	02-APR-1999	
1313	NEWEDN	28-JUL-2000	
1314	NEWEDN	29-SEP-2000	
1315	NEWEDN	21-JUN-2002	
1316	NEWEDN	26-FEB-1999	
1317	NEWEDN	17-AUG-2001	
1350	NEWCHT	06-JUL-1984	25-MAR-1994
1351	NEWCHT	21-SEP-1984	11-AUG-1995
1361	NEWEDN	28-MAY-1976	01-MAR-1996
1400	NEWEDN	25-JUN-1999	
1409	NEWEDN	12-APR-2002	
1410	NEWEDN	26-APR-2002	
1411	NEWEDN	02-AUG-1996	
1432	NEWCHT	09-JUL-1999	
1433	NEWCHT	28-MAY-1999	
1434	NEWCHT	01-MAR-1996	
1435	NEWCHT	15-DEC-1995	
1436	NEWCHT	15-JAN-1993	03-JAN-1997
1437	NEWCHT	19-MAR-1993	30-MAY-1997
1438	NEWEDN	16-NOV-2001	
1439	NEWEDN	08-DEC-2000	
1509	NEWCHT	18-MAY-1990	27-JUN-1997
1510	NEWEDN	14-JUN-2002	
1512	NEWEDN	03-MAY-2002	
1513	NEWEDN	07-JUN-1996	
1514	NEWCHT	24-JUL-1998	
1515	NEWCHT	24-JUL-1998	
1550	NEWEDN	05-JAN-1996	
1551	NEWEDN	24-AUG-2001	
1552	NEWEDN	05-JUN-1998	
1553	NEWEDN	16-FEB-2001	
1554	NEWEDN	16-SEP-1988	15-AUG-1997
1555	NEWEDN	25-MAY-2001	
L/C2000	NEWEDN	10-APR-1998	
2006	NEWEDN	31-MAR-2000	
2007	NEWEDN	10-SEP-1982	09-SEP-1994
2011	NEWCHT	08-JUL-1988	
2017	NEWCHT	13-JUL-1990	
2018	NEWCHT	22-JUN-1990	
2021	NEWEDN	10-AUG-2001	
2022	NEWEDN	02-AUG-1996	
2023	NEWEDN	01-MAR-1985	24-MAR-1995
2024	NEWEDN	29-MAR-1985	16-DEC-1994
2025	NEWEDN	29-MAR-2002	
2026	NEWEDN	05-APR-1985	15-DEC-1995
2028	NEWEDN	02-AUG-2002	
2029	NEWEDN	15-JUN-2001	
2042	NEWEDN	07-OCT-1994	
2043	NEWCHT	29-NOV-1968	26-MAR-1982

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2044	NEWCHT	28-FEB-1997	
2047	NEWCHT	07-APR-1995	
2048	NEWCHT	11-OCT-1991	
2049	NEWCHT	10-MAY-1985	
2050	NEWCHT	10-MAY-1985	
2053	NEWCHT	10-MAY-1985	
2054	NEWCHT	10-MAY-1985	
2055	NEWCHT	05-JUL-1991	
2058	NEWEDN	25-FEB-2000	
2059	NEWCHT	31-JUL-1998	
2060	NEWEDN	28-DEC-2001	
2064	NEWEDN	05-MAR-1999	
2067	NEWEDN	15-JUN-2001	
2069	NEWEDN	19-MAY-2000	
2070	NEWEDN	29-APR-1983	
2077	NEWEDN	23-APR-1999	
2085	NEWEDN	18-FEB-2000	
2086	NEWEDN	03-JAN-2003	
L/C2100	NEWEDN	25-DEC-1998	
L/C2110	NEWEDN	29-MAY-1998	
L/C2120	NEWEDN	06-NOV-1998	
L/C2121	NEWCHT	18-DEC-1987	
L/C2122	NEWEDN	05-JUL-1991	05-APR-1996
L/C2123	NEWEDN	12-MAR-1993	04-APR-1997
2140	NEWCHT	16-SEP-1988	
2165	NEWCHT	08-MAR-1991	
2181	NEWEDN	10-NOV-1989	
2200	NEWEDN	05-JUL-2002	
L/C2201	NEWEDN	18-NOV-1998	
2202	NEWEDN	26-MAR-1999	
2203	NEWEDN	30-JUN-2000	
2204	NEWEDN	23-FEB-2001	
2205	NEWEDN	11-MAY-2001	
2206	NEWCHT	27-JUN-1997	
2207	NEWCHT	27-JUL-2001	
2218	NEWCHT	13-APR-1984	
2221	NEWEDN	07-JUN-1996	
2222	NEWCHT	13-APR-1984	
2223	NEWCHT	13-APR-1984	
2225	NEWEDN	08-MAR-1991	11-JUL-1997
2226	NEWEDN	22-NOV-1991	
L/C2228	NEWCHT	16-FEB-1990	
2235	NEWEDN	24-SEP-1999	
2241	NEWCHT	30-JUL-1999	
L/C2243	NEWEDN	30-AUG-1985	08-APR-1994
2244	NEWEDN	03-NOV-2000	
2245	NEWEDN	26-JUL-2002	
2250	NEWCHT	09-MAY-1986	
2251	NEWCHT	11-APR-1986	26-JUN-1992
2257	NEWEDN	11-JAN-2002	
2258	NEWEDN	16-JUN-1989	05-APR-1996
2259	NEWEDN	26-JUL-2002	
2260	NEWEDN	05-FEB-1999	
2261	NEWEDN	13-JUN-1986	21-APR-1995
2266	NEWCHT	22-JUN-1984	
2267	NEWCHT	22-JUN-1984	

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2268	NEWEDN	31-MAR-1989	06-MAY-1994
2273	NEWCHT	13-OCT-1955	22-AUG-1975
2274	NEWEDN	07-APR-2000	
L/C2282	NEWEDN	07-JUN-1996	
2283	NEWCHT	30-JUL-1999	
2284	NEWEDN	04-AUG-2000	
2289	NEWEDN	16-OCT-1987	31-MAY-2002
2291	NEWEDN	31-MAR-2000	
2292	NEWEDN	28-APR-1989	05-APR-1996
2293	NEWEDN	30-MAR-2001	
2297	NEWEDN	20-JAN-1960	19-SEP-1997
2298	NEWEDN	02-JUL-1958	13-FEB-1981
2299	NEWEDN	25-MAY-2001	
L/C2300	NEWCHT	24-APR-1998	
L/C2301	NEWEDN	22-FEB-1991	
L/C2302	NEWEDN	02-AUG-1985	
2303	NEWEDN	18-MAY-1955	29-JUN-1990
2304	NEWEDN	31-MAY-1957	01-FEB-1980
2305	NEWEDN	17-DEC-1956	08-FEB-1980
2306	NEWEDN	03-MAY-1957	09-MAY-1975
2307	NEWEDN	31-AUG-1956	11-MAR-1977
2308	NEWEDN	19-JUL-1946	21-APR-1978
2309	NEWEDN	23-JUL-1999	
2310	NEWEDN	03-JUN-1946	01-FEB-1980
2311	NEWEDN	23-APR-1999	
2312	NEWEDN	31-MAY-2002	
2313	NEWEDN	21-JUN-1957	28-OCT-1977
2314	NEWEDN	23-APR-1999	
2315	NEWEDN	22-APR-1988	
2318	NEWEDN	03-DEC-1982	
2400	NEWEDN	29-JUN-1990	
L/C3000	NEWEDN	20-JAN-1989	22-APR-1994
3001	NEWEDN	23-FEB-2001	
L/C3002	NEWEDN	16-DEC-1994	
3050	NEWEDN	03-MAY-1996	
3052	NEWEDN	07-OCT-1994	
3053	NEWCHT	11-APR-1986	02-FEB-1990
3055	NEWCHT	21-JUN-1991	
3056	NEWCHT	21-JUN-1991	
3057	NEWCHT	21-JUN-1991	
3058	NEWCHT	21-JUN-1991	
3061	NEWEDN	29-OCT-1999	
3062	NEWCHT	24-MAY-1985	
3080	NEWEDN	03-APR-1992	
3311	NEWEDN	31-DEC-1993	
3312	NEWCHT	31-JAN-1986	05-APR-1991
3313	NEWCHT	28-JUL-1995	
3410	NEWCHT	24-MAR-1995	
3411	NEWCHT	24-MAR-1995	
3415	NEWEDN	13-FEB-1987	08-APR-1994
3419	NEWCHT	02-JUL-1993	
3424	NEWCHT	24-JUL-1987	02-APR-1993
3440	NEWEDN	29-NOV-2002	
3441	NEWEDN	12-AUG-1988	
3441	NEWEDN	29-NOV-2002	
3442	NEWEDN	03-JUN-1988	06-DEC-1996

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3443	NEWEDN	30-JAN-1998	
3447	NEWCHT	10-DEC-1999	
3458	NEWEDN	10-MAR-1995	
3459	NEWEDN	24-OCT-1997	
3461	NEWEDN	29-NOV-2002	
3462	NEWEDN	29-NOV-2002	
3463	NEWEDN	29-NOV-2002	
3473	NEWEDN	13-FEB-1987	04-DEC-1992
3475	NEWEDN	27-MAY-1988	02-JUL-1993
3476	NEWCHT	31-AUG-1984	06-SEP-2002
3477	NEWEDN	03-MAY-1985	08-SEP-1989
3478	NEWEDN	24-FEB-1995	
3481	NEWEDN	22-SEP-2000	
3488	NEWCHT	21-OCT-1994	
3489	NEWCHT	21-OCT-1994	
3490	NEWEDN	25-JUL-1997	
3491	NEWEDN	05-JAN-1996	
3492	NEWEDN	29-NOV-2002	
3493	NEWEDN	18-DEC-1998	
3494	NEWEDN	18-DEC-1998	
3495	NEWEDN	18-DEC-1998	
L/C3512	NEWEDN	25-DEC-1998	
3513	NEWEDN	29-OCT-1999	
3514	NEWEDN	02-AUG-1996	
3515	NEWCHT	18-JAN-1991	03-JUN-1994
3526	NEWEDN	23-FEB-2001	
3527	NEWEDN	06-APR-2001	
3534	NEWEDN	07-MAY-1993	
3535	NEWEDN	16-AUG-1985	16-APR-1993
3536	NEWCHT	21-APR-1978	16-APR-1993
3537	NEWCHT	27-SEP-1985	22-JUN-1990
3538	NEWEDN	27-NOV-1992	02-AUG-1996
3539	NEWEDN	04-AUG-1989	25-APR-1997
3540	NEWEDN	22-MAY-1992	
3541	NEWEDN	29-JUL-1994	
3542	NEWEDN	01-JUL-1994	
3543	NEWEDN	27-NOV-1992	30-MAY-1997
3544	NEWEDN	25-SEP-1987	01-MAY-1998
3545	NEWCHT	28-APR-1989	23-FEB-2001
3546	NEWCHT	28-APR-1989	11-JUL-1997
3547	NEWCHT	28-APR-1989	05-APR-1996
3548	NEWEDN	26-SEP-1997	
3549	NEWCHT	03-DEC-1993	06-JUL-2001
3550	NEWCHT	03-DEC-1993	02-JAN-1998
3552	NEWCHT	02-JAN-1987	02-APR-1993
3555	NEWEDN	27-JUN-1986	09-APR-1993
3559	NEWCHT	15-JUN-1979	02-FEB-1990
3564	NEWCHT	04-DEC-1987	08-SEP-1995
3598	NEWEDN	14-AUG-1987	11-OCT-1991
3601	NEWEDN	29-NOV-2002	
3602	NEWEDN	24-MAY-1985	
3602	NEWEDN	29-NOV-2002	
3603	NEWEDN	23-OCT-1981	25-JAN-2002
L/C3604	NEWEDN	06-NOV-1987	13-JUN-1997
LC3605	NEWEDN	06-MAR-1998	
3606	NEWEDN	29-NOV-2002	

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3623	NEWEDN	26-AUG-1977	06-JAN-1989
3624	NEWEDN	19-AUG-1988	22-APR-1994
3625	NEWCHT	25-OCT-1968	10-MAR-1989
3646	NEWEDN	30-JUN-1995	
3647	NEWEDN	05-JUL-1985	02-JAN-1998
3651	NEWEDN	09-APR-1993	
3668	NEWEDN	07-APR-2000	
3670	NEWEDN	21-OCT-1994	
3671	NEWEDN	27-AUG-1982	03-JUN-1994
3673	NEWCHT	01-DEC-1995	
3674	NEWCHT	01-DEC-1995	
3675	NEWCHT	20-NOV-1998	
3676	NEWCHT	20-NOV-1998	30-AUG-2002
3679	NEWCHT	14-JUN-1991	21-FEB-1997
3680	NEWEDN	07-APR-1978	26-APR-1991
3681	NEWCHT	08-JUN-1990	
3682	NEWEDN	05-JUN-1987	
3683	NEWEDN	06-MAR-1998	
3685	NEWEDN	25-AUG-1995	
3686	NEWCHT	08-APR-1988	02-DEC-1994
3710	NEWEDN	04-JUL-1986	15-JUN-1990
3711	NEWEDN	15-JUN-1984	19-FEB-1993
3717	NEWEDN	28-JUL-1995	
3719	NEWEDN	17-APR-1961	11-NOV-1988
3720	NEWEDN	12-FEB-1988	03-SEP-1993
3721	NEWEDN	26-AUG-1994	
3722	NEWEDN	07-FEB-1964	04-SEP-1987
3723	NEWEDN	29-JUN-1984	
3724	NEWEDN	23-MAY-1980	21-APR-1995
3726	NEWEDN	23-MAY-1980	16-AUG-2002
3727	NEWEDN	29-JUN-1962	24-MAR-1995
3728	NEWEDN	05-FEB-1982	24-JAN-1997
3729	NEWEDN	06-MAR-1998	
3730	NEWCHT	30-NOV-1960	21-DEC-1990
3733	NEWCHT	30-AUG-2002	
3734	NEWEDN	09-JUL-1976	24-MAY-1991
3736	NEWEDN	31-AUG-1990	
3737	NEWEDN	14-AUG-1987	21-APR-1995
3738	NEWEDN	04-FEB-1983	24-MAR-1995
3739	NEWEDN	03-FEB-1984	01-SEP-1989
3740	NEWEDN	20-MAY-1977	06-DEC-1996
3741	NEWEDN	15-FEB-1963	30-JUN-1989
3742	NEWEDN	16-JUL-1982	23-AUG-2002
3743	NEWEDN	25-MAR-1977	10-FEB-1995
3744	NEWEDN	20-MAY-1988	23-FEB-2001
3745	NEWEDN	12-JUN-1998	
3746	NEWEDN	12-AUG-1977	02-JUL-1993
3747	NEWEDN	16-SEP-1977	30-MAY-1997
3753	NEWEDN	30-APR-1959	12-AUG-1988
3761	NEWEDN	19-AUG-1988	
3772	NEWEDN	30-OCT-1964	29-JAN-1993
3773	NEWEDN	26-APR-1985	06-DEC-1996
3781	NEWEDN	18-MAY-1959	15-MAR-1991
3787	NEWEDN	29-JUL-1977	04-APR-1997
3794	NEWEDN	30-AUG-2002	
3795	NEWEDN	01-MAY-1964	09-JUL-1993

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3802	NEWEDN	24-NOV-1989	29-NOV-2002
3807	NEWEDN	05-FEB-1999	
3808	NEWCHT	30-MAR-1962	13-OCT-1989
3809	NEWEDN	24-AUG-1979	24-MAR-1995
3811	NEWEDN	06-DEC-1963	27-SEP-1991
3825	NEWEDN	16-DEC-1977	09-JUN-1989
L/C3853	NEWEDN	02-MAR-1990	05-APR-1996
L/C3854	NEWEDN	23-OCT-1987	23-APR-1993
3855	NEWEDN	13-JAN-1967	26-APR-1991
3857	NEWEDN	17-NOV-1967	10-JUL-1987
3858	NEWEDN	28-JUL-1967	28-JUL-1989
3859	NEWEDN	21-AUG-1998	
3860	NEWEDN	12-SEP-1969	04-JAN-2002
3863	NEWEDN	25-APR-1980	16-MAR-1990
3864	NEWEDN	11-MAY-1962	17-DEC-1993
3865	NEWEDN	01-NOV-1955	10-JUL-1987
3868	NEWEDN	12-JUL-1968	19-APR-1991
3869	NEWEDN	28-NOV-1986	02-MAR-1990
3890	NEWCHT	14-MAR-1986	07-APR-1995
3891	NEWCHT	08-SEP-1989	01-AUG-1997
3892	NEWCHT	13-JAN-1984	03-JUN-1994
3893	NEWCHT	13-JAN-1984	
3894	NEWEDN	12-JUN-1998	
3895	NEWCHT	15-JUN-1984	09-JUN-1989
LC3902	NEWEDN	09-DEC-1988	27-JUN-1997
3909	NEWCHT	11-DEC-1987	03-JUN-1994
3920	NEWCHT	18-JAN-1991	
3921	NEWEDN	15-DEC-1995	
3927	NEWEDN	29-MAY-1998	
3931	NEWCHT	21-FEB-1992	23-MAR-2001
3932	NEWCHT	21-FEB-1992	12-JUN-1998
3933	NEWEDN	20-JAN-1989	19-FEB-1993
3934	NEWCHT	21-FEB-1992	02-JUN-1995
3935	NEWCHT	28-JAN-2000	
3936	NEWCHT	20-APR-2001	
3937	NEWCHT	07-JUL-2000	
3940	NEWCHT	01-MAR-1996	
3955	NEWCHT	15-FEB-1985	20-MAY-1994
3956	NEWEDN	01-MAR-1996	
3957	NEWEDN	05-JUN-1998	
3958	NEWEDN	24-MAR-1995	
3959	NEWCHT	11-DEC-1987	06-APR-2001
3960	NEWCHT	13-AUG-1993	16-APR-1999
3962	NEWEDN	25-FEB-2000	
3963	NEWCHT	26-OCT-1990	12-JUN-1998
3964	NEWEDN	30-APR-1999	
3994	NEWEDN	20-JAN-1989	22-SEP-1995
4000	NEWEDN	14-DEC-1984	
4001	NEWEDN	01-DEC-1995	
L/C4002	NEWEDN	27-DEC-1991	05-JUL-1996
L/C4003	NEWEDN	14-DEC-1984	29-JUL-1994
L/C4006	NEWEDN	14-DEC-1984	19-FEB-1993
L/C4010	NEWEDN	18-NOV-1983	10-JUL-1992
L/C4011	NEWEDN	31-OCT-1997	
L/C4012	NEWEDN	13-MAR-1987	14-JUL-1995
4013	NEWEDN	07-NOV-1986	



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4013	NEWEDN	06-SEP-2002	
L/C4015	NEWEDN	24-JUL-1992	
L/C4016	NEWEDN	05-MAY-1995	
L/C4017	NEWEDN	16-JUN-1995	
L/C4020	NEWEDN	27-DEC-1991	
4021	NEWEDN	01-NOV-2002	
L/C4022	NEWEDN	27-DEC-1991	02-AUG-1996
L/C4023	NEWEDN	28-NOV-1986	05-JAN-1996
4024	NEWEDN	03-MAR-2000	
L/C4025	NEWEDN	27-DEC-1991	
4026	NEWEDN	12-JAN-2001	
L/C4045	NEWCHT	08-AUG-1986	
4047	NEWEDN	09-OCT-1998	
L/C4049	NEWEDN	19-MAY-1995	
4098	NEWEDN	30-NOV-2001	
4099	NEWEDN	28-DEC-2001	
4114	NEWCHT	08-MAY-1992	
4115	NEWCHT	31-DEC-1999	
L/C4116	NEWCHT	09-APR-1993	
4117	NEWEDN	12-JUL-2002	
L/C4118	NEWEDN	13-NOV-1998	
4124	NEWEDN	07-APR-2000	
4130	NEWCHT	30-MAY-1969	17-DEC-1976
4140	NEWEDN	15-NOV-2002	
4141	NEWEDN	01-NOV-1996	
4142	NEWEDN	01-NOV-1996	
4145	NEWEDN	04-JAN-2002	
4170	NEWCHT	28-FEB-1992	
4201	NEWEDN	11-AUG-2000	
4202	NEWEDN	31-DEC-1999	
4203	NEWEDN	14-APR-2000	
4209	NEWCHT	21-OCT-1994	
4210	NEWCHT	05-APR-1991	
4211	NEWEDN	07-DEC-1990	02-JUN-1995
L/C4227	NEWCHT	24-MAY-1991	
L/C4230	NEWCHT	15-JUN-1990	26-JUN-1998
4233	NEWCHT	11-JAN-1991	
L/C4234	NEWCHT	10-APR-1987	26-DEC-1997
4235	NEWEDN	28-APR-2000	
4236	NEWEDN	13-JUL-2001	
4237	NEWEDN	02-JUN-2000	
L/C4240	NEWCHT	06-OCT-1989	06-JUN-1997
4241	NEWEDN	08-NOV-2002	
L/C4242	NEWEDN	28-AUG-1992	
L/C4243	NEWCHT	20-JUN-1986	25-AUG-1989
4244	NEWCHT	21-FEB-1986	26-APR-1991
4245	NEWEDN	19-NOV-1999	
L/C4255	NEWCHT	27-JUL-1990	
4266	NEWCHT	29-SEP-1989	
4275	NEWEDN	28-JUN-2002	
4276	NEWEDN	25-JUL-1997	
4277	NEWEDN	17-APR-1998	
4278	NEWEDN	20-MAR-1998	
4279	NEWEDN	28-AUG-1998	
4281	NEWEDN	16-NOV-2001	
4306	NEWEDN	14-JUN-1985	07-JUN-1996

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4307	NEWEDN	15-FEB-1985	13-NOV-1992
4308	NEWEDN	07-SEP-1984	27-SEP-1991
L/C4320	NEWEDN	26-SEP-1997	
L/C4321	NEWEDN	11-OCT-1985	01-FEB-1991
4328	NEWEDN	10-JUL-1998	
4335	NEWEDN	14-AUG-1998	
4337	NEWEDN	07-JUN-2002	
L/C4340	NEWEDN	12-APR-1991	
4342	NEWEDN	12-JUL-2002	
L/C4363	NEWEDN	01-NOV-1985	13-NOV-1992
4365	NEWEDN	08-DEC-1972	29-FEB-1980
L/C4367	NEWEDN	01-NOV-1985	06-JUL-1990
4374	NEWEDN	08-NOV-2002	
4375	NEWEDN	25-OCT-1985	
4375	NEWEDN	11-OCT-2002	
4376	NEWEDN	14-JUN-2002	
4377	NEWEDN	06-NOV-1998	
4379	NEWEDN	31-OCT-1986	14-FEB-1992
4381	NEWEDN	17-JAN-1986	03-MAY-1996
4384	NEWEDN	31-OCT-1986	13-AUG-1993
4385	NEWEDN	07-JUN-1996	
4386	NEWEDN	03-OCT-1986	24-MAR-1995
4391	NEWEDN	21-FEB-1992	
4394	NEWEDN	26-JUL-2002	
4395	NEWEDN	25-MAY-1990	
4396	NEWEDN	19-FEB-1988	30-JUL-1993
4399	NEWEDN	23-AUG-2002	
4402	NEWEDN	25-DEC-1998	
L/C4403	NEWEDN	21-JUN-1985	24-DEC-1993
4404	NEWEDN	12-MAY-2000	
L/C4405	NEWEDN	12-JUL-1985	21-JUL-1989
L/C4406	NEWEDN	27-FEB-1998	
4416	NEWEDN	16-NOV-2001	
4419	NEWEDN	22-NOV-2002	
4420	NEWEDN	26-JAN-2001	
4421	NEWEDN	11-OCT-1968	23-MAR-1979
4422	NEWEDN	10-OCT-1969	17-JUN-1994
4425	NEWEDN	01-NOV-2002	
4426	NEWEDN	02-AUG-2002	
4428	NEWEDN	06-OCT-1978	
4429	NEWEDN	04-JUN-1993	
4430	NEWEDN	02-OCT-1981	21-MAY-1993
4432	NEWEDN	14-DEC-1984	15-JUN-1990
4437	NEWEDN	17-MAY-1991	
4440	NEWEDN	18-JUL-1980	
4443	NEWEDN	26-JUL-2002	
4445	NEWCHT	17-JUN-1949	07-DEC-1979
4446	NEWEDN	23-AUG-2002	
4447	NEWEDN	07-SEP-2001	
4448	NEWEDN	13-DEC-2002	
4449	NEWEDN	03-JUL-1998	
4450	NEWEDN	02-MAR-1973	13-NOV-1987
4452	NEWEDN	29-JUL-1983	
4453	NEWEDN	17-DEC-1982	
4454	NEWEDN	03-FEB-1978	
4455	NEWEDN	10-SEP-1976	20-OCT-1989

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4456	NEWEDN	19-DEC-1980	17-JUN-1994
4459	NEWEDN	25-JUN-1999	
4460	NEWEDN	11-SEP-1987	03-MAY-1991
L/C4462	NEWEDN	28-JUN-1985	06-JUN-1997
L/C4463	NEWEDN	09-AUG-1985	15-JUN-1990
L/C4464	NEWEDN	11-OCT-1985	15-JUN-1990
4466	NEWEDN	17-MAY-1991	01-MAR-1996
4467	NEWEDN	21-MAR-1969	01-MAR-1996
4468	NEWEDN	12-JUL-1985	
4469	NEWEDN	08-NOV-1985	
4470	NEWEDN	04-JAN-1980	
4471	NEWEDN	11-FEB-1977	11-AUG-1989
4472	NEWEDN	14-AUG-1981	
4473	NEWEDN	25-NOV-1977	
4474	NEWEDN	28-MAY-1999	
4483	NEWEDN	12-AUG-1988	
4485	NEWEDN	26-SEP-1997	
4486	NEWEDN	19-FEB-1999	
4491	NEWCHT	06-MAY-1966	01-FEB-1980
4492	NEWEDN	08-NOV-2002	
4497	NEWEDN	30-JUL-1971	12-OCT-1979
4498	NEWEDN	23-OCT-1987	03-NOV-1995
4504	NEWCHT	14-FEB-1964	23-JAN-1976
4505	NEWEDN	10-MAY-2002	
4506	NEWCHT	28-FEB-1964	25-JUN-1982
4507	NEWCHT	28-FEB-1964	30-JAN-1976
4509	NEWCHT	05-DEC-1969	21-JUL-1978
4510	NEWEDN	10-MAY-2002	
4511	NEWCHT	10-JUL-1964	17-OCT-1980
4512	NEWCHT	30-OCT-1964	09-FEB-1979
4514	NEWEDN	23-OCT-1981	29-SEP-1989
4515	NEWEDN	20-NOV-1998	
4516	NEWEDN	02-NOV-1962	10-DEC-1976
4518	NEWCHT	18-OCT-1951	
4518	NEWEDN	08-NOV-2002	
4519	NEWEDN	09-AUG-2002	
4520	NEWEDN	02-JUN-1995	30-NOV-2001
4521	NEWEDN	04-JUN-1965	08-SEP-1978
4522	NEWCHT	15-JUL-1959	04-SEP-1981
4523	NEWCHT	27-MAR-1964	13-JUN-1975
4524	NEWEDN	07-FEB-1964	15-AUG-1980
4529	NEWEDN	30-SEP-1988	
4530	NEWEDN	15-MAR-2002	
4531	NEWCHT	24-MAY-1974	14-MAR-1997
4538	NEWEDN	26-MAR-1976	
4540	NEWCHT	10-OCT-1957	26-JAN-1979
4541	NEWCHT	10-OCT-1957	03-OCT-1980
4542	NEWEDN	09-SEP-1966	23-JAN-1976
4582	NEWCHT	14-FEB-1964	10-SEP-1976
4583	NEWEDN	31-MAY-2002	
4584	NEWCHT	02-JAN-1959	14-NOV-1980
4585	NEWCHT	02-JAN-1959	29-AUG-1980
4587	NEWEDN	04-SEP-1987	21-AUG-1992
4591	NEWCHT	02-JAN-1959	18-AUG-1978
4592	NEWEDN	03-JUN-1983	02-APR-1993
4593	NEWCHT	20-JAN-1960	12-JUN-1981

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4594	NEWCHT	02-JAN-1959	14-FEB-1992
4595	NEWEDN	31-MAR-2000	
4596	NEWCHT	02-JAN-1959	09-JAN-1981
4597	NEWCHT	02-JAN-1959	09-OCT-1981
4615	NEWEDN	20-AUG-1999	
4616	NEWEDN	19-APR-1991	17-OCT-1997
4617	NEWEDN	17-MAY-2002	
4619	NEWEDN	20-NOV-1998	
L/C4622	NEWEDN	25-APR-1997	
4624	NEWEDN	07-JAN-2000	
L/C4625	NEWEDN	10-JAN-1986	22-APR-1988
L/C4626	NEWEDN	08-NOV-1985	22-APR-1988
4633	NEWEDN	24-APR-1987	21-APR-1995
4634	NEWEDN	14-JUL-1995	
4635	NEWEDN	24-JUN-1983	28-NOV-1997
4638	NEWCHT	20-SEP-1955	12-DEC-1980
4639	NEWEDN	10-MAY-2002	
4640	NEWEDN	27-AUG-1999	
4641	NEWEDN	25-DEC-1998	
4642	NEWEDN	08-NOV-2002	
4643	NEWEDN	03-MAY-1985	15-MAY-1992
4644	NEWEDN	25-JUN-1999	
4652	NEWEDN	31-OCT-1980	
4653	NEWEDN	12-MAR-1976	24-MAR-1995
4654	NEWEDN	22-NOV-2002	
4658	NEWCHT	08-MAY-1970	15-FEB-1980
4659	NEWCHT	10-OCT-1957	08-SEP-1978
4661	NEWCHT	20-SEP-1955	23-JUN-1989
4663	NEWCHT	10-OCT-1957	03-SEP-1976
4665	NEWCHT	10-OCT-1957	08-MAY-1981
4666	NEWCHT	10-OCT-1957	20-JUN-1986
4667	NEWEDN	08-OCT-1965	13-AUG-1976
4668	NEWCHT	10-OCT-1957	23-OCT-1987
4669	NEWCHT	10-OCT-1957	29-MAR-1985
4670	NEWCHT	10-OCT-1957	29-JUL-1977
4679	NEWEDN	31-DEC-1976	04-JUN-1982
4680	NEWCHT	02-JAN-1959	27-FEB-1976
4682	NEWCHT	19-OCT-1962	01-MAY-1987
L/C4700	NEWEDN	30-DEC-1994	
4701	NEWCHT	27-DEC-1963	23-OCT-1981
4702	NEWCHT	17-JAN-1964	28-SEP-1990
4703	NEWEDN	31-JAN-1964	26-AUG-1994
4712	NEWEDN	28-SEP-2001	
4722	NEWEDN	22-NOV-2002	
4724	NEWEDN	04-OCT-2002	
4725	NEWEDN	23-AUG-2002	
4728	NEWEDN	22-NOV-2002	
4730	NEWEDN	31-MAY-2002	
L/C4731	NEWEDN	16-DEC-1994	
4732	NEWEDN	27-DEC-1968	22-FEB-1980
4744	NEWCHT	22-FEB-1963	27-NOV-1981
4745	NEWCHT	17-MAY-1963	09-OCT-1987
4763	NEWEDN	29-MAR-2002	
4764	NEWEDN	07-JUN-2002	
4765	NEWEDN	31-MAY-2002	
4766	NEWCHT	06-DEC-1963	05-APR-1996

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4767	NEWCHT	06-DEC-1963	06-JUL-1990
4769	NEWEDN	29-MAR-2002	
4771	NEWEDN	02-JUL-1976	29-JUL-1983
4773	NEWEDN	31-MAY-2002	
4774	NEWCHT	24-JAN-1964	19-MAR-1982
4775	NEWEDN	07-JUN-2002	
L/C4776	NEWEDN	09-AUG-2002	
4817	NEWEDN	23-AUG-2002	
4824	NEWCHT	25-OCT-2002	
4825	NEWCHT	01-MAR-2002	
4830	NEWEDN	08-NOV-2002	
L/C4831	NEWCHT	26-DEC-1986	
L/C4832	NEWCHT	02-OCT-1987	
4839	NEWCHT	27-MAR-1992	
L/C4841	NEWCHT	19-MAY-1989	
4842	NEWEDN	27-OCT-2000	
4843	NEWCHT	28-JAN-1983	
4844	NEWEDN	08-MAR-2002	
L/C4845	NEWEDN	12-SEP-1997	
L/C4846	NEWEDN	15-DEC-1995	
4847	NEWEDN	03-AUG-2001	
4848	NEWCHT	12-JUN-1987	
4849	NEWCHT	30-DEC-1988	
L/C4850	NEWCHT	11-MAY-1990	
L/C4851	NEWEDN	04-APR-1997	
4852	NEWCHT	02-DEC-1994	
4853	NEWEDN	30-JUL-1999	
L/C4854	NEWCHT	25-APR-1997	
4855	NEWCHT	06-JUN-1997	
4856	NEWCHT	13-OCT-2000	
4857	NEWCHT	29-OCT-1999	
4858	NEWCHT	25-DEC-1998	
4863	NEWEDN	30-NOV-2001	
4865	NEWCHT	30-JAN-1998	
4885	NEWEDN	08-MAR-2002	
4886	NEWCHT	26-DEC-1997	
4905	NEWEDN	29-DEC-2000	
4906	NEWCHT	18-MAR-1988	11-JUN-1993
4909	NEWCHT	17-JUN-1988	01-MAR-1996
4911	NEWEDN	07-MAY-1993	
4912	NEWEDN	04-JUN-1993	
L/C4913	NEWCHT	07-AUG-1992	
4920	NEWEDN	18-SEP-1998	
4921	NEWEDN	06-MAR-1998	
4950	NEWCHT	23-AUG-2002	
L/C4951	NEWCHT	04-JAN-1991	
L/C4952	NEWCHT	21-AUG-1992	
4954	NEWEDN	20-JUN-1997	
4955	NEWCHT	15-FEB-1991	
4956	NEWCHT	23-NOV-1990	
4957	NEWCHT	13-JUL-1990	
4980	NEWCHT	03-JAN-1992	
L/C5001	NEWEDN	04-NOV-1994	
5002	NEWCHT	25-JUL-1975	
5003	NEWEDN	26-SEP-1969	23-JUL-1976
L/C5023	NEWCHT	20-APR-1990	

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L/C5030	NEWCHT	26-OCT-1990	
5031	NEWEDN	31-DEC-1999	
5042	NEWCHT	24-FEB-1984	
5043	NEWEDN	20-AUG-1999	
5044	NEWEDN	20-AUG-1999	
5045	NEWEDN	01-MAR-2002	
5046	NEWEDN	27-APR-2001	
5047	NEWEDN	01-FEB-2002	
5048	NEWEDN	07-JUL-2000	
5049	NEWEDN	25-JUN-1999	
5051	NEWCHT	07-JUN-1996	
5052	NEWCHT	25-APR-1997	
5070	NEWEDN	20-NOV-1998	
5080	NEWCHT	03-OCT-1997	
5133	NEWCHT	10-OCT-1969	14-MAY-1982
5134	NEWEDN	13-SEP-2002	
5135	NEWEDN	12-JUL-2002	
5138	NEWEDN	17-APR-1998	
5140	NEWCHT	15-NOV-1963	20-OCT-1978
5143	NEWEDN	02-MAY-1986	
5179	NEWCHT	28-AUG-1964	12-JUN-1981
5300	NEWCHT	25-NOV-1966	25-NOV-1977
5316	NEWCHT	24-AUG-1961	25-JAN-1980
5335	NEWCHT	15-MAR-1985	
5338	NEWCHT	06-JUN-1986	
5340	NEWCHT	19-APR-1963	14-DEC-1979
5348	NEWEDN	05-NOV-1976	
5349	NEWCHT	05-MAR-1958	03-MAR-1978
5351	NEWCHT	24-FEB-1956	25-MAR-1983
5352	NEWEDN	08-JUL-1960	16-MAY-1980
5365	NEWCHT	26-SEP-1969	25-AUG-1989
5373	NEWCHT	15-FEB-1985	
5374	NEWCHT	17-JAN-1986	
5375	NEWCHT	28-FEB-1986	
5376	NEWCHT	22-MAR-1985	
5390	NEWCHT	17-MAY-1968	04-NOV-1988
5391	NEWCHT	17-MAY-1968	18-FEB-1983
5397	NEWCHT	04-NOV-1960	18-NOV-1983
5398	NEWEDN	04-SEP-1981	
5399	NEWEDN	04-SEP-1981	
5400	NEWEDN	19-DEC-1960	23-APR-1982
5403	NEWEDN	04-FEB-1987	
5405	NEWCHT	26-DEC-1951	25-MAR-1988
5406	NEWCHT	06-MAR-1914	15-AUG-1980
5410	NEWEDN	25-MAR-1977	19-MAR-1993
5411	NEWEDN	04-JUN-1958	30-JAN-1981
5412	NEWEDN	23-FEB-1968	27-APR-1984
5414	NEWEDN	06-AUG-1937	10-OCT-1980
5440	NEWEDN	01-NOV-1974	06-FEB-1981
5449	NEWEDN	15-AUG-1986	
5450	NEWEDN	22-MAY-1970	29-JUL-1977
5451	NEWEDN	05-NOV-1965	22-MAR-1985
5452	NEWCHT	16-DEC-1954	05-FEB-1982
5455	NEWEDN	15-FEB-1961	15-DEC-1978
5456	NEWEDN	26-MAY-1972	12-JUN-1981
5457	NEWEDN	04-SEP-1998	

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5458	NEWEDN	08-MAR-1963	10-NOV-1978
5459	NEWCHT	26-JAN-1953	06-FEB-1981
5464	NEWCHT	16-DEC-1954	07-MAY-1982
5467	NEWEDN	15-FEB-1956	29-JUN-1990
5468	NEWCHT	18-MAR-1955	04-SEP-1981
5469	NEWCHT	18-MAR-1955	12-NOV-1982
5471	NEWEDN	12-MAY-1967	04-DEC-1981
5476	NEWEDN	03-JUL-1959	15-JUN-1973
5505	NEWCHT	25-JAN-2002	
5510	NEWEDN	11-JAN-1980	
5512	NEWCHT	18-DEC-1987	
5533	NEWEDN	11-MAR-1977	
5620	NEWEDN	29-DEC-2000	
5621	NEWEDN	26-APR-1991	
5622	NEWEDN	27-DEC-1991	
5623	NEWEDN	08-NOV-1991	
5624	NEWEDN	26-APR-1991	
5625	NEWEDN	10-JUL-1992	
5626	NEWCHT	08-AUG-1986	
5628	NEWCHT	08-AUG-1997	
5629	NEWCHT	27-OCT-2000	
5640	NEWCHT	22-APR-1994	
5641	NEWCHT	01-DEC-2000	
5642	NEWCHT	19-APR-2002	
5705	NEWEDN	13-MAY-1983	
5707	NEWEDN	28-JAN-1983	
5720	NEWCHT	22-APR-1994	
5800	NEWEDN	19-JUL-1974	22-MAR-1991
5801	NEWEDN	24-MAY-1974	
5860	NEWEDN	30-SEP-1966	14-MAY-1976
5861	NEWEDN	30-SEP-1966	14-MAY-1976
6021	NEWEDN	24-SEP-1999	
6022	NEWEDN	24-SEP-1999	
6023	NEWEDN	26-FEB-1988	30-JUN-1995
6026	NEWCHT	17-SEP-1976	
6028	NEWCHT	15-JAN-1971	
6030	NEWCHT	14-AUG-1987	
6035	NEWEDN	28-DEC-2001	
6036	NEWCHT	28-AUG-1987	
6037	NEWCHT	13-NOV-1987	
6038	NEWCHT	11-SEP-1987	19-SEP-1997
6050	NEWEDN	01-AUG-1986	
6100	NEWEDN	30-MAR-2001	
6105	NEWEDN	21-JUN-2002	
6106	NEWEDN	21-JUN-1991	
6107	NEWEDN	29-OCT-1999	
6108	NEWEDN	10-NOV-2000	
6109	NEWEDN	15-NOV-2002	
6110	NEWEDN	24-FEB-1989	15-DEC-1995
6111	NEWEDN	11-MAR-1983	
6112	NEWCHT	06-FEB-1970	25-MAR-1994
6201	NEWEDN	09-AUG-2002	
6205	NEWCHT	30-JUN-1995	
6206	NEWEDN	15-SEP-2000	
6207	NEWEDN	24-MAR-2000	
6209	NEWCHT	04-SEP-1970	

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6211	NEWEDN	08-FEB-2002	
6212	NEWEDN	08-MAR-2002	
6213	NEWEDN	08-FEB-2002	
6214	NEWEDN	08-FEB-2002	
6215	NEWEDN	08-FEB-2002	
6216	NEWEDN	08-FEB-2002	
6217	NEWEDN	01-MAR-2002	
6218	NEWEDN	08-MAR-2002	
6240	NEWEDN	15-DEC-1995	
6241	NEWEDN	06-AUG-1957	28-MAY-1982
6242	NEWEDN	13-JUN-1980	01-MAY-1992
6243	NEWEDN	10-DEC-1971	17-NOV-1995
6247	NEWEDN	19-FEB-1993	
6248	NEWCHT	04-MAY-1934	06-OCT-1995
6249	NEWEDN	29-MAR-1985	
6251	NEWEDN	26-MAY-2000	
6258	NEWCHT	30-DEC-1988	
6259	NEWCHT	23-FEB-1990	
6260	NEWCHT	06-JAN-1989	
6263	NEWCHT	14-APR-1989	
6264	NEWCHT	14-APR-1989	
6267	NEWCHT	09-JUL-1965	28-AUG-1981
6268	NEWEDN	15-JUN-1962	
6269	NEWEDN	04-NOV-1960	11-MAR-1977
6270	NEWEDN	09-NOV-1973	
6271	NEWEDN	15-NOV-2002	
6272	NEWEDN	14-SEP-1973	
6273	NEWEDN	28-SEP-1973	
6274	NEWEDN	07-SEP-1973	
6281	NEWEDN	02-JUN-2000	
6285	NEWCHT	03-JUN-1988	
6286	NEWEDN	06-SEP-2002	
6287	NEWEDN	07-JUN-2002	
6310	NEWEDN	04-MAY-1973	17-FEB-1978
6311	NEWCHT	17-AUG-1962	
6341	NEWEDN	14-JAN-1991	
6354	NEWCHT	09-NOV-1950	
6355	NEWEDN	09-FEB-1972	
6356	NEWCHT	30-OCT-1949	
6357	NEWCHT	28-FEB-1950	13-APR-1973
6358	NEWEDN	18-MAY-1949	28-JAN-1972
6359	NEWEDN	24-MAY-1968	
6360	NEWCHT	17-APR-1948	
6368	NEWCHT	16-JUN-1958	06-AUG-1976
6369	NEWEDN	24-MAY-1985	
6370	NEWEDN	03-AUG-1990	
6371	NEWEDN	01-MAR-1974	
6390	NEWEDN	08-FEB-1980	
6408	NEWEDN	25-OCT-2002	
6409	NEWEDN	25-OCT-2002	
6410	NEWEDN	25-OCT-2002	
6411	NEWEDN	25-OCT-2002	
6412	NEWEDN	25-OCT-2002	
6413	NEWEDN	25-OCT-2002	
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6421	NEWEDN	25-OCT-2002	
6422	NEWEDN	25-OCT-2002	
6423	NEWEDN	25-OCT-2002	
6424	NEWEDN	25-OCT-2002	
6425	NEWEDN	25-OCT-2002	
6426	NEWEDN	25-OCT-2002	
6427	NEWEDN	25-OCT-2002	
6428	NEWEDN	25-OCT-2002	
6429	NEWEDN	25-OCT-2002	
6430	NEWEDN	25-OCT-2002	
6431	NEWEDN	25-OCT-2002	
6432	NEWEDN	25-OCT-2002	
6433	NEWEDN	25-OCT-2002	
6434	NEWEDN	25-OCT-2002	
6435	NEWEDN	25-OCT-2002	
6436	NEWEDN	25-OCT-2002	
6437	NEWEDN	25-OCT-2002	
6438	NEWEDN	25-OCT-2002	
6441	NEWEDN	25-OCT-2002	
6451	NEWEDN	25-OCT-2002	
6452	NEWEDN	25-OCT-2002	
6453	NEWEDN	25-OCT-2002	
6454	NEWEDN	25-OCT-2002	
6455	NEWEDN	25-OCT-2002	
6505	NEWCHT	05-APR-1985	28-FEB-1986
6506	NEWCHT	12-APR-1985	21-FEB-1986
7000	NEWCHT	05-MAR-1982	
7010	NEWEDN	12-JAN-1979	04-MAR-1988
L/C7011	NEWEDN	02-SEP-1983	
7050	NEWEDN	03-FEB-1989	
7051	NEWEDN	14-DEC-1973	08-AUG-1986
7052	NEWEDN	10-JUN-1966	19-JUL-1985
7053	NEWEDN	10-APR-1970	08-APR-1994
7065	NEWEDN	31-MAY-1963	30-DEC-1983
7066	NEWEDN	21-JUN-1963	30-AUG-1985
7067	NEWEDN	30-APR-1971	18-MAY-1990
7071	NEWEDN	31-JUL-1964	08-SEP-1978
7072	NEWEDN	30-APR-1971	25-JUL-1997
7082	NEWEDN	20-MAY-1966	27-APR-1984
7083	NEWEDN	15-JUN-1984	
7103	NEWEDN	05-AUG-1977	
7121	NEWEDN	17-NOV-1972	06-OCT-1989
7122	NEWEDN	19-OCT-1962	06-SEP-1985
7125	NEWEDN	20-APR-1960	26-SEP-1980
7126	NEWEDN	08-MAR-1954	13-AUG-1993
7127	NEWEDN	27-MAY-1983	14-DEC-1984
7134	NEWCHT	23-JUL-1993	
7135	NEWEDN	07-MAR-1958	14-DEC-1979
7136	NEWCHT	23-JUL-1993	
7150	NEWEDN	09-JUL-1965	01-OCT-1982
7170	NEWEDN	18-APR-1975	23-DEC-1983

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7171	NEWEDN	15-APR-1960	08-SEP-1978
7180	NEWEDN	11-AUG-1978	
7181	NEWCHT	22-FEB-1963	04-MAY-1984
7184	NEWCHT	10-JUL-1964	16-DEC-1977
7185	NEWEDN	08-APR-1960	27-APR-1984
7193	NEWCHT	10-MAY-1963	10-MAR-1978
7194	NEWEDN	20-MAR-1981	
7195	NEWCHT	23-JUL-1993	
7212	NEWEDN	11-JAN-1985	
7220	NEWEDN	02-NOV-1979	16-MAR-1984
7292	NEWCHT	30-JAN-1962	27-SEP-1985
7302	NEWEDN	18-AUG-1978	09-NOV-1990
7304	NEWCHT	17-FEB-1978	06-SEP-1985
7310	NEWCHT	11-JUL-1986	
7371	NEWEDN	14-DEC-1973	27-MAR-1981
7404	NEWEDN	17-MAY-1963	02-SEP-1983
7405	NEWEDN	01-OCT-1982	
7411	NEWEDN	13-APR-1973	29-SEP-1989
7430	NEWEDN	21-MAY-1976	07-OCT-1983
7465	NEWEDN	28-FEB-1957	02-AUG-1991
7481	NEWCHT	21-AUG-1992	
7482	NEWCHT	21-AUG-1992	
7485	NEWCHT	17-MAR-1989	
7486	NEWCHT	10-FEB-1989	
7487	NEWCHT	10-JUL-1987	
7488	NEWCHT	08-MAR-1991	
7489	NEWCHT	28-AUG-1992	
7502	NEWEDN	31-JUL-1998	
7511	NEWEDN	29-DEC-1989	
7512	NEWCHT	05-JUL-1985	
7520	NEWCHT	01-JUN-1984	
7521	NEWCHT	01-JUN-1984	
7527	NEWEDN	29-DEC-2000	
7540	NEWCHT	07-JAN-1983	
7552	NEWEDN	27-MAR-1998	
7565	NEWCHT	04-OCT-1996	
7566	NEWCHT	22-JUN-1990	
7568	NEWCHT	05-JUL-1985	
7569	NEWCHT	05-JUL-1985	
7570	NEWCHT	02-MAY-1986	
7571	NEWCHT	11-APR-1986	
7572	NEWCHT	02-MAY-1986	
7573	NEWCHT	25-FEB-2000	
7575	NEWCHT	06-MAR-1992	
7578	NEWCHT	27-JAN-1995	
7600	NEWCHT	26-JUL-1985	
7608	NEWEDN	04-JUN-1976	04-MAR-1983
7620	NEWCHT	02-MAY-1997	
7621	NEWCHT	02-MAY-1997	
7646	NEWEDN	02-FEB-1973	28-NOV-1980
7661	NEWCHT	14-MAR-1986	
7662	NEWEDN	19-JUL-1991	
7663	NEWEDN	25-APR-1997	
7664	NEWCHT	28-FEB-1986	
7665	NEWCHT	13-JUN-1986	
7666	NEWCHT	28-FEB-1986	

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Chart Number	Category	Edition Date	Reprint Date
7667	NEWCHT	14-MAR-1986	
7668	NEWCHT	18-MAY-1990	
7669	NEWCHT	18-MAY-1990	
7685	NEWCHT	28-FEB-1986	
7686	NEWCHT	27-MAR-1981	19-JAN-1990
7687	NEWCHT	05-AUG-1983	
7710	NEWEDN	13-JUN-1997	
7725	NEWEDN	22-JUN-1984	
7731	NEWEDN	25-MAY-1984	
7733	NEWEDN	19-MAR-1971	08-FEB-1980
7735	NEWEDN	14-AUG-1970	18-NOV-1983
7750	NEWEDN	13-JUN-1997	
7760	NEWCHT	03-MAY-1968	19-AUG-1983
7770	NEWEDN	27-AUG-1971	04-JUL-1980
7776	NEWEDN	30-MAY-1997	
7777	NEWEDN	30-MAY-1997	
7778	NEWEDN	13-JUN-1997	
7779	NEWEDN	13-JUN-1997	
7780	NEWCHT	06-JUL-1990	
7781	NEWCHT	06-JUL-1990	
7782	NEWEDN	13-JUN-1997	
7783	NEWEDN	13-JUN-1997	
7784	NEWCHT	03-JUL-1998	
7832	NEWEDN	19-FEB-1971	06-MAR-1981

Chart Number	Category	Edition Date	Reprint Date
7920	NEWEDN	27-APR-1984	23-MAY-1986
7930	NEWEDN	18-MAY-1984	
7935	NEWEDN	21-JUN-1985	
7940	NEWEDN	27-APR-1979	20-SEP-1985
7941	NEWCHT	05-JAN-1973	14-MAR-1986
7950	NEWEDN	03-MAY-1985	
7951	NEWEDN	24-FEB-1984	
7952	NEWEDN	17-MAR-1972	27-JUL-1984
7953	NEWEDN	05-APR-1996	
7954	NEWCHT	17-MAY-1974	17-JUN-1983
7980	NEWCHT	16-JAN-1987	
L/C8005	NEWEDN	07-DEC-1984	02-MAY-1997
L/C8006	NEWEDN	05-AUG-1988	
8007	NEWEDN	30-AUG-2002	
8010	NEWEDN	07-JUN-2002	
8011	NEWEDN	30-AUG-2002	
8012	NEWEDN	11-OCT-2002	
L/C8013	NEWEDN	04-NOV-1994	
L/C8014	NEWEDN	18-NOV-1994	
8015	NEWEDN	16-NOV-2001	
L/C8046	NEWEDN	07-OCT-1983	
L/C8047	NEWEDN	07-OCT-1983	06-DEC-1985
L/C8048	NEWEDN	30-DEC-1994	
L/C8049	NEWEDN	30-DEC-1994	

**\*102 CANADIAN COAST GUARD - LIST OF CHARTS AFFECTED BY TEMPORARY AND PRELIMINARY NOTICES.**

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1234	(P) 30 NOV-2001
1312	(P) 22 FEB-2002
1313	(T) 29 JUN-2001
1351	196(T)/87, 636(P)/93, 510(P)/98
1361	1101(P)/99
1410	(P) 28 JUN-2002, (P) 27 SEP-2002
1434	(P) 03 AUG-2001
1435	(P) 03 AUG-2001
1438	(P) 20 OCT-2000
1510	(P) 27 SEP-2002, (P) 18 OCT-2002
1514	2154(P)/98
1550	(P) 26 OCT-2001
2021	747(P)/96
2022	651(T)/91
2023	525(T)/92, (P) 12-JUL-2002
LC 2077	603(T)/96, 506(T)/98
2086	603(T)/96, 506(T)/98
LC 2110	121(P)/94
LC 2120	(P) 08 NOV-2002
LC 2121	244(T)/95
LC 2123	162(P)/94, 507(P)/96, 505(P)/98, (P) 10 AUG-2001
2181	725(T)/91, 244(T)/95, (P) 03 AUG-2001
2202	367(T)/88, (P) 28 APR-2000

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2205	(P) 12 MAY-2000, (P) 16 JUN-2000
2218	(P) 28 APR-2000
2222	367(T)/88
LC 2228	769(T)/91
2241	(P) 28 APR-2000
LC 2243	2336(T)/99, (T) 07 APR-2000, (P) 23 JUN-2000
LC 2244	(P) 02 JUN-2000, (P) 23 JUN-2000
2250	361(P)/97
2268	380(P)/91
LC 2282	1148(T)/98, (P) 07 SEP-2001
2283	(P) 31 MAR-2000, (P) 07 SEP-2001, (P) 04 JAN-2002
2292	736(P)/95
2299	380(P)/91
LC 2300	(P) 21-JUN-2002
2304	51(P)/94
LC 3000	2346(P)/99, (P) 28 APR-2000, (P) 03 NOV-2000, (P) 23 MAR-2001
LC 3002	2345(P)/99
3053	702(P)/92, (P) 19 JAN-2001
3447	(P) 15 SEP-2000
LC 3604	(P) 23 MAR-2001
3623	96(P)/97, 1945(P)/99
3682	814(P)/96, 1945(P)/99
3683	(P) 02 NOV-2001
3891	(P) 24 AUG-2001
3955	(P) 15 SEP-2000
LC 4001 (INT 404)	707(T)/93, 163(T)/94, 678(T)/94
LC 4003	172(T)/99
LC 4010	(T) 30 MAR-2001
LC 4011	(T) 30 MAR-2001, (P) 13 SEP-2002
LC 4012	(T) 30 MAR-2001, (P) 13 SEP-2002
LC 4015	1344(T)/99
LC 4016	356(P)/90, 108(T)/94, 359(T)/94, 444(P)/96
LC 4017	75(T)/94, 76(T)/94, 359(T)/94, 678(T)/94, 384(T)/95
LC 4022	583(P)/94
LC 4047	108(T)/94
LC 4049	359(T)/94
4140	748(T)/96
4210	(T) 27 APR-2001
LC 4227	805(P)/92
LC 4234	805(P)/92
LC 4235	805(P)/92, 461(T)/94, 717(T)/94
LC 4242	(T) 27 APR-2001
4244	(T) 11 AUG-2000
4245	373(T)/94, 534(T)/95
4266	(T) 12 MAY-2000
LC 4340	459(P)/94, 2106(P)/99, 2107(P)/99, 2307(P)/99, (P) 16 JUN-2000, (P) 11 AUG-2000, (P) 15 FEB-2002, (P) 22 MAR-2002
4381	141(T)/96
4386	(P) 31 MAR-2000
4416	(T) 26 APR-2002, (T) 15 NOV-2002, (T) 29 NOV-2002
4422	(P) 31 MAR-2000
4429	(P) 18 JAN-2002

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4437	526(P)/95
4456	433(T)/92
4459	762(T)/99, (T) 16 MAR-2001
4460	845(P)/93
LC 4464	583(P)/94
4483	612(T)/94
4486	(T) 04 JAN-2002
4587	193(T)/87, (P) 31 MAR-2000
LC 4622	356(P)/90
LC 4624	356(P)/90
4634	1344(T)/99
4635	463(P)/94, 594(T)/94, 239(P)/97
4641	594(T)/94
4644	765(T)/98
LC 4700	163(T)/94
4702	345(P)/96, 687(P)/96
4703	163(T)/94, 687(P)/96
4728	292(T)/88
4732	163(T)/94
LC 4831	444(P)/96
LC 4832	413(T)/88, 444(P)/96, (T) 19-JUL-2002
4843	568(T)/90
LC 4846	359(T)/94
LC 4847	782(T)/92, 535(P)/98, 1317(T)/99, (T) 30 MAR-2001
4848	782(T)/92, 1317(T)/99
4849	103(T)/92, (T) 30 MAR-2001
LC 4850	423(P)/94
LC 4851	191(T)/91, 64(T)/95, 384(T)/95
4911	(P) 31-MAY-2002, (P) 07-JUN-2002, (P) 21-JUN-2002, (P) 19-JUL-2002
4912	(P) 07-JUN-2002, (P) 14-JUN-2002, (P) 21-JUN-2002
LC 4913	1316(T)/99
4920	1316(T)/99
4921	434(T)/96, 551(P)/99, (P) 28 SEP-2001
LC 4951	(T) 29 MAR-2002, (T) 12-JUL-2002
LC 4952	(T) 17 AUG-2001
4954	115(P)/98, (P) 20 APR-2001, (P) 29 JUN-2001, (T) 17 AUG-2001
4956	923(P)/99, (P) 13 APR-2001, (P) 11 JAN-2002
LC 5001 (INT 405)	761(T)/94, 153(T)/99
5133	163(T)/94
6240	(T) 27 APR-2001
6242	610(T)/90, (T) 27 APR-2001
6251	(P) 23 JUN-2000, (T) 27 APR-2001
6311	738(P)/96, 751(P)/96
7010	153(T)/99
LC 7011	153(T)/99
7083	847(P)/89, 1510(P)/98, 1727(P)/98
7371	634(P)/96
7733	1510(P)/98
7760	1510(P)/98, 1727(P)/98
LC 8006	(P) 30 AUG-2002
LC 8014	76(T)/94, 359(T)/94
8015	(T) 26 APR-2002



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LC 8047	804(P)/93
LC 8048	163(T)/94
LC 8049	76(T)/94

**SECTION 2 – Edition 01/2003  
CHART CORRECTIONS**

**3311 - Fishermans Cove - Sheet 1 - New Edition - 31-DEC-1993 - NAD 1983**

17-JAN-2003		LNMD. 21-JUN-2002
Replace	port daybeacon with starboard daybeacon	49°21'18.9"N 123°16'20.4"W (P2002058) DFO(6200318-01)

**3313 - Nanaimo Harbour and/et Departure Bay - Sheet 21 - New Chart - 28-JUL-1995 - NAD 1983**

17-JAN-2003		LNMD. 01-NOV-2002
Add	light Fl	49°11'39.7"N 123°56'51.4"W DFO(6200413-02)
Add	aeronautical light AERO (Occas)	49°11'39.7"N 123°56'51.4"W DFO(6200413-03)

**3415 - Victoria Harbour - New Edition - 13-FEB-1987 - NAD 1927**

31-JAN-2003		LNMD. 19-APR-2002
Reposition	port daybeacon	from 48°26'15.9"N 123°22'46.2"W to 48°26'16.4"N 123°22'45.8"W DFO(6200493-01)

**3442 - North Pender Island to/à Thetis Island - New Edition - 03-JUN-1988 - NAD 1927**

17-JAN-2003		LNMD. 01-JUN-2001
(P)Add		48°58'24.0"N 123°12'36.0"W

A new Traffic Separation Scheme has been devised, a portion of which affects this chart. These changes are in effect at 0000 Coordinated Universal Time (UTC) on 1 December, 2002. Mariners are advised of the new Precautionary area Southwest of Westshore Terminals -Deltaport. Full details can be found on the November 29, 2002 edition of chart 3463. A New Edition of chart 3442 showing the new Traffic Separation Scheme will be released in the near future.

DFO(6200430-01)

**3447 - Nanaimo Harbour and/et Departure Bay - New Chart - 10-DEC-1999 - NAD 1983**

17-JAN-2003		LNMD. 02-AUG-2002
Delete	depth of 4.6 metres	49°11'40.0"N 123°56'51.8"W DFO(6200413-01)
Add	light Fl	49°11'39.7"N 123°56'51.4"W DFO(6200413-02)
Add	aeronautical light AERO (Occas)	49°11'39.7"N 123°56'51.4"W DFO(6200413-03)

**3459 - Approaches to/Approches à Nanoose Harbour - New Edition - 24-OCT-1997 - NAD 1983**

03-JAN-2003		LNMD. 10-AUG-2001
Delete	yellow spar buoy marked "NAVY"	49°17'08.0"N 124°03'42.0"W DFO(6200414-03)
Replace	yellow spar buoy marked "NAVY" with yellow spherical buoy marked "NAVY"	49°17'09.5"N 124°04'57.6"W DFO(6200414-01)
Replace	yellow spar buoy marked "NAVY" with yellow spherical buoy marked "NAVY"	49°17'32.5"N 124°05'40.9"W DFO(6200414-02)
Add	yellow spherical buoy marked "NAVY"	49°17'08.0"N 124°03'45.0"W DFO(6200414-04)
Add	dangerous underwater rock of 2m (6ft) or less	49°17'15.3"N 124°08'04.8"W DFO(6200421-01)

**SECTION 2 – Edition 01/2003  
CHART CORRECTIONS**

**3459 - Approaches to/Approches à Nanoose Harbour - New Edition - 24-OCT-1997 - NAD 1983**

03-JAN-2003 LNM/D. 10-AUG-2001  
Add red conical buoy marked "Priv" 49°17'14.9"N 124°08'05.0"W  
DFO(6200421-02)

17-JAN-2003 LNM/D. 03-JAN-2003  
Delete dangerous underwater rock of 2 metres (6 feet) or less, 2 metre depth contour and blue tint 49°17'30.1"N 124°07'44.5"W  
DFO(6200442-01)

**L/C3512 - Strait of Georgia, Central Portion/Partie Centrale - New Edition - 25-DEC-1998 - NAD 1983**

17-JAN-2003 LNM/D. 20-SEP-2002  
Delete dangerous underwater rock of 2 metres (6 feet) or less, 2 metre depth contour and blue tint 49°17'29.0"N 124°07'44.0"W  
DFO(6200442-01)

**3513 - Strait of Georgia, Northern Portion/Partie Nord - New Edition - 29-OCT-1999 - NAD 1983**

17-JAN-2003 LNM/D. 21-JUN-2002  
Delete radio tower 49°45'00.9"N 124°56'45.8"W  
DFO(6200444-01)

Delete radio tower 49°45'04.1"N 124°56'54.6"W  
DFO(6200444-02)

Delete legend Ro RLts 49°45'02.9"N 124°57'01.6"W  
DFO(6200444-03)

**3527 - Baynes Sound - New Edition - 06-APR-2001 - NAD 1983**

17-JAN-2003  
Delete radio tower 49°45'02.1"N 124°56'45.3"W  
DFO(6200444-01)

Delete radio tower 49°45'05.0"N 124°56'53.1"W  
DFO(6200444-02)

Delete legend Ro RLts 49°45'10.0"N 124°56'45.0"W  
DFO(6200444-03)

**3534 - Fishermans Cove - New Edition - 07-MAY-1993 - NAD 1983**

17-JAN-2003 LNM/D. 30-NOV-2001  
Delete port daybeacon 49°21'18.9"N 123°16'20.4"W  
DFO(6200318-02)

Add starboard daybeacon 49°21'19.1"N 123°16'20.4"W  
(P2002-058) DFO(6200318-03)

**3603 - Ucluelet Inlet to/à Nootka Sound - New Edition - 23-OCT-1981 - NAD 1927**

17-JAN-2003 LNM/D. 29-NOV-2002  
Delete red and white light and whistle buoy Mo(A) marked MH 49°19'58.1"N 126°15'34.5"W  
(P2002 125) LL(116) DFO(6200435-01)

Delete red and white light and whistle buoy Mo(A) marked ME 49°23'05.5"N 126°25'52.9"W  
(P2002 126) LL(115) DFO(6200436-01)

**SECTION 2 – Edition 01/2003  
CHART CORRECTIONS**

**3674 - Millar Channel to/à Estevan Point - New Chart - 01-DEC-1995 - NAD 1983**

17-JAN-2003		LNM/D. 29-NOV-2002
Delete	red and white light and whistle buoy Mo(A) marked MH	49°19'59.3"N 126°15'36.3"W (P2002125) LL(116) DFO(6200435-01)
Delete	red and white light and whistle buoy Mo(A) marked ME	49°23'06.3"N 126°25'53.3"W (P2002126) LL(115) DFO(6200436-01)

**3726 - Laredo Sound and Approaches - New Edition - 23-MAY-1980 - Unknown**

17-JAN-2003		LNM/D. 09-MAR-2001
Reposition	yellow ODAS light buoy, Fl (5) Y, marked 46185	from 52°24'36.0"N 129°47'06.0"W to 52°25'00.2"N 129°48'32.5"W DFO(6200443-01)

**3744 - Queen Charlotte Sound - New Edition - 20-MAY-1988 - NAD 1927**

17-JAN-2003		LNM/D. 25-JAN-2002
Reposition	yellow ODAS light buoy, Fl (5) Y, marked 46185	from 52°24'30.0"N 129°47'00.0"W to 52°24'58.3"N 129°48'28.8"W DFO(6200443-01)

**LC3902 - Hecate Strait - New Edition - 09-DEC-1988 - NAD 1927**

17-JAN-2003		LNM/D. 07-JUL-2000
Reposition	yellow ODAS light buoy, Fl (5) Y, marked 46185	from 52°24'24.0"N 129°47'00.0"W to 52°24'58.4"N 129°48'28.8"W DFO(6200443-01)

**3957 - Approaches to/Approches à Prince Rupert Harbour - New Edition - 05-JUN-1998 - NAD 1983**

31-JAN-2003		LNM/D. 22-DEC-2000
Add	rock which covers and uncovers, with drying height of 1.0m	54°21'11.1"N 130°45'15.8"W DFO(6200419-01)

**3959 - Hudson Bay Passage - New Chart - 11-DEC-1987 - NAD 1983**

31-JAN-2003		LNM/D. 06-APR-2001
Add	rock which covers and uncovers, with drying height of 1.0m	54°21'11.1"N 130°45'15.8"W DFO(6200419-01)

**5397 - Dawson Inlet to Marble Island - New Chart - 04-NOV-1960 - Astronomic Positioning**

24-JAN-2003		LNM/D. 01-NOV-2002
Add	legend Chart 5642	62°10'00.0"N 092°06'00.0"W DFO(6600605-01)

**5398 - Eskimo Point to/à Dawson Inlet - New Edition - 04-SEP-1981**

24-JAN-2003		LNM/D. 25-OCT-2002
Amend	legend Adjoining Chart / Carte adjacente 5397 to read Adjoining Chart / Carte adjacente 5642	in north border 092°15'00" W DFO(6600607-01)
Amend	legend Adjoining Chart / Carte adjacente 5399 to read Adjoining Chart / Carte adjacente 5641	in south border 093°25'00" W DFO(6600608-01)
Add	legend Chart / Carte 5641	61°18'00.0"N 093°40'00.0"W DFO(6600606-01)

**5399 - Egg Island to/à Eskimo Point - New Edition - 04-SEP-1981**

24-JAN-2003		LNM/D. (1121-1998)
Amend	legend Adjoining Chart / Carte adjacente 5398 to read Adjoining Chart / Carte adjacente 5641	in north border 093°45'00" W DFO(6600609-01)

**SECTION 2 – Edition 01/2003  
CHART CORRECTIONS**

**5449 - Hudson Bay Baie d'Hudson, Northern Portion/Partie nord - New Edition - 15-AUG-1986**

24-JAN-2003

Add legend Chart/Carte 5642

LN/D. 28-APR-2000

62°10'00.0"N 092°06'00.0"W

*DFO(6600605-01)*

Add legend Chart/Carte 5641

61°18'00.0"N 093°40'00.0"W

*DFO(6600606-01)*

SECTION 3 – Edition 01/2003  
CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

**CANADIAN COAST GUARD PUBLICATION - AMENDMENT TO THE RADIO AIDS TO MARINE  
NAVIGATION (PACIFIC AND WESTERN ARCTIC) PUBLICATION - 2002.**

**Page 2-34**

Under Pullen Island – Column 4 – amend identifier to read **(G)** --.

(A2002-134)

**SECTION 4 – Edition 01/2003**  
**SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS**

Arctic Canada, Volume 3, Fifth Edition, 1994 —

Page 9 — Paragraph 188, line 3  
Cancel correction promulgated in Monthly Edition No. 2/1997.

(C2002-072.1)

British Columbia, Volume 1, Sixteenth Edition, 1999 —

Page 67 — After paragraph 8

Add: 8.1       Mariners are advised that a revised Traffic Separation Scheme in Juan de Fuca Strait comes into force at **0000 Coordinated Universal Time (UTC) on 1 December, 2002.**

Major changes to the traffic separation scheme are:

- a) re-configuration and extension further offshore of traffic lanes at the entrance to Juan de Fuca Strait;
- b) modification of location, orientation and dimensions of existing Traffic Separation Scheme in Juan de Fuca Strait;
- c) re-location of the Pilot Area and re-configuration of traffic lanes and precautionary area off Port Angeles.

Mariners should familiarize themselves with changes shown on charts.

8.2       Mariners are advised that a two-way route has been established south of the Traffic Separation Scheme in Juan de Fuca Strait for those smaller, slower moving vessels that normally do not use the separation scheme in the Strait. This route will come into force at **0000 Coordinated Universal Time (UTC) on 1 December, 2002.**

(P2002-35.1)

Page 68 — Paragraph 33, line 2

Delete: 0.7 mile ENE

Replace by: 1.4 miles NNE

(P2002-35.2)

Page 69 — Delete paragraph 66

Replace by: 66       **Area to be avoided** — In order to reduce the risk of a marine casualty and resulting pollution and damage to the environment of the Olympic Coast National Marine Sanctuary, all ships and barges carrying cargoes of oil or hazardous materials, and all ships 1,600 gross tons and above solely in transit should avoid this area. Mariners are advised that expanded boundaries and applicability of the area to be avoided comes into force at **0000 Coordinated Universal Time (UTC) on 1 December, 2002.**

(P2002-35.3)

**SECTION 4 – Edition 01/2003**  
**SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS**

Page 71 — Delete paragraph 106

Replace by: <sup>106</sup> **Restricted Area. — Caution.** — The U.S. Navy advises that the precautionary area, located within a 1 nautical mile radius about 48°15'36"N, 123°15'48"W, approximately 9 nautical miles NNE of Ediz Hook, is used by naval vessels to conduct equipment calibration tests. Surface vessels or submerged submarines will occasionally be maneuvering in circles in this area for several hours or days. When these operations are in progress, the test facility located on the east end of Ediz Hook will be manned and reference lights consisting of a lazy "T" bar, 1 second flashing yellow, 2 seconds flashing red, and a high intensity spot will be lit. The group of lights is visible from the north side of Ediz Hook with the "T" bar to the west and spot light to the east. The naval vessels will be participating in the Seattle Vessel Traffic System on Channel 5A. The Navy Test Facility Port Angeles will monitor VHF Channels 16 and 69. Mariners transiting this area are requested to proceed with caution.

(P2002-35.4)

Page 97 — Paragraph 12, line 3 – after "ships."

Insert: Mariners are advised that a revised Traffic Separation Scheme in Rosario Strait comes into force at **0000 Coordinated Universal Time (UTC) on 1 December, 2002**. Major changes to the traffic separation schemes are:

- a) expansion of precautionary area "RB" at the south end of Rosario Strait; and
- b) re-alignment of the existing Traffic Separation Scheme with the Separation Scheme north of Rosario Strait, and their linkage with a new precautionary area off East Point.

Mariners should familiarize themselves with changes shown on charts.

(P2002-35.5)

Page 157 — After paragraph 10

Add: <sup>10.1</sup> Mariners are advised that a revised Traffic Separation Scheme in the Strait of Georgia comes into force at **0000 Coordinated Universal Time (UTC) on 1 December, 2002**. Major changes to the traffic separation scheme are:

- a) creation of a new precautionary area has been established in the Strait of Georgia west of Deltaport and the Tsawwassen Ferry Terminal;
- b) expansion of precautionary area "RB" at the south end of Rosario Strait; and
- c) re-alignment of the existing Traffic Separation Scheme with the Separation Scheme north of Rosario Strait, and their linkage with a new precautionary area off East Point.

Mariners should familiarize themselves with the changes shown on charts.

(P2002-35.6)

Page 157 — Delete paragraph 11.

(P2002-35.7)



**SECTION 4 – Edition 01/2003**  
**SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS**

Page 167 — Paragraph 217, line 3 – after “end.”

Insert: A dangerous underwater rock of 2 m (6 ft) or less lies 0.06 mile WSW of the breakwater light.

(P2002-42.1)

Page 172 — Paragraph 330, line 1 – before “Kitsilano” (Re: Correction promulgated in Monthly Edition No. 3/2000)

Insert: Kitsilano Base West light (388.9) is on the NW corner of the Coast Guard wharf.

(P2002-49)

Page 186 — After paragraph 448

Add: <sup>448.1</sup> The central and east entrances to the marina are marked by private lights (415.5, 415.6, 415.7, 415.75), located on the floating breakwaters.

(P2002-48.1)

Page 192 — Paragraph 539, line 3 – after “1.2 m”

Insert: , a starboard hand daymark marks the south side of this channel.

(P2003-1.1)

Page 192 — Paragraph 539, line 4 (Re: Correction promulgated in Monthly Edition No. 6/2002)

Delete: three beacons two with port hand daymarks and one with a starboard hand daymark mark the west side of this channel.

(P2003-1.2)

Page 338 — After paragraph 351

Add: <sup>351.1</sup> A **submarine cable** has been reported off the NW shore of the large island near the head of the sound. The cable is considered a hazard to vessels anchoring in the area.

(P2002-50.1)

PAC 200 — General Information — Pacific Coast, First Edition, 2002 —

Page 33 — Delete paragraph 298.

(P2002-44.1)

PAC 205 — Inner Passage — Queen Charlotte Sound to Chatham Sound, First Edition, 2002 —

Page 40 — Paragraph 26, line 4

Delete: and a **radiobeacon**

(P2002-43.1)

PAC 206 — Hecate Strait, Dixon Entrance, Portland Inlet and adjacent waters and Queen Charlotte Islands, First Edition, 2002 —

Page 51 — Delete paragraph 86.

(P2002-51.1)

Page 58 — Paragraph 213, line 4

Delete: Public **mooring buoys** are between George Point and Richard III Bank.

(P2002-51.2)

**SECTION 4 – Edition 01/2003**  
**SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS**

Chart 3312 — Jervis Inlet and Desolation Sound, 1991 —

Sheet 16a — After **TIDAL CURRENTS**

Add: **SUBMARINE CABLES**

Pendrell Sd – reported off NW shore of large  
island near Hd of Sd.

(P2002-50.2)

**SECTION 5 – Edition 01/2003**  
**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
49.5	Celista Creek	51 11 47.6 119 00 06.6	Fl W 4s	9.4	6	Grey mast on top of 3-pile dolphin, black, white and green square daymark. 3.1	Year round.  <b>Chart:3053</b> <b>Edn 01/03 (P02-128)</b>
50.2	Armstrong Point	50 57 39.1 119 07 14.8	Fl R 4s	7.8	5	White cylindrical tower, red band at top. 5.6	Year round.  <b>Chart:3053</b> <b>Edn 01/03(P02-131)</b>
50.8	Cruickshank Point	50 53 36.7 119 31 01	Fl W 4s	10.7	6	Grey mast on top of 3-pile dolphin, red and white triangular daymark. 3.1	Year round.  <b>Chart:3053</b> <b>Edn 01/03 (P02-132)</b>
66 G5172	<b>Cape Scott</b>	On NW. tip of Vancouver Island. 50 46 57.2 128 25 32.8	Fl W 10s	69.9	19	Square skeleton tower. 9.0	Delete Radiobeacon. Flash 0.3 s; obs. 9.7 s. Visible from 344° through N., E. and S. to 246°. Emergency light. Year round.  <b>Horn – Blast 2 s; sil. 3 s; blast 2 s; sil. 3 s; blast 2 s; sil. 48 s Horn points 290°.</b>  <b>Chart:3598</b> <b>Edn 01/03 (P02-137)</b>
115	<i>Hesquiat Harbour light and whistle buoy ME</i>						<i>Delete from List.</i>  <b>Chart:3674</b> <b>Edn 01/03 (P02-126)</b>
116	<i>Sydney Inlet light and whistle buoy MH</i>						<i>Delete from List.</i>  <b>Chart:3674</b> <b>Edn 01/03 (P02-125)</b>
208.8	<i>Victoria Harbour Traffic Scheme Cautionary light buoy #4</i>	48 25 27.8 123 23 00.9	Fl Y 4s	.....	.....	Yellow.	Year round. Privately maintained by Transport Canada.  <b>Chart:3415</b> <b>Edn 01/03 (P01-050)</b>
348.5	<b>Deas Island range</b>	W. end of island. 49 07 06.6 123 04 33.1	F Y Fl(2) R	..... 6s	8.2 5	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Visible in line of range. Year round. In operation 24 hours. Flash 0.5 s; eclipse 1 s; flash 0.5 s; eclipse 4 s.
348.6		073°25' 190m from front.	F Y	.....	14.9	15 Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Visible in line of range. Year round. In operation 24 hours.  <b>Chart:3490</b> <b>Edn 01/03</b>

**SECTION 5 – Edition 01/2003  
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
466 G5527	Fegan Islets	W. entrance to Sabine Channel. 49 31 56.2 124 23 00.6	FI W 4s	7.9	5	White cylindrical tower.	Year round.  <b>Chart:3512 Edn 01/03 (P01-124)</b>
478.2 G5567.4	Lund Breakwater South	49 58 48.8 124 45 47.7	FI Y 4s	2.1	5	Mast. 1.5	Year round.  <b>Chart:3311 Edn 01/03 (P01-021)</b>
478.3 G5567.5	Lund Breakwater Centre	49 58 49.8 124 45 46.7	FI Y 4s	2.1	5	Mast. 1.5	Year round.  <b>Chart:3311 Edn 01/03 (P01-022)</b>
478.4	Lund Breakwater North	49 58 50.8 124 45 45.4	Q R 1s	3.0	.....	Mast, red and white triangular daymark.	Year round.  <b>Chart:3311 Edn 01/03 (P01-023)</b>
504.3	Courtenay River Beacon # 1	49 39 42.9 124 56 26.2	FI W 4s	4.6	6	Centre pile on a 7-pile dolphin, 2 black, white and green square daymarks.	Year round.  <b>Chart:3527 Edn 01/03 (P02-127)</b>
536 G5612	Broken Islands	On SW. extremity of island. 50 30 39.7 126 17 55.1	FI W 4s	9.7	7	White cylindrical tower.	Year round.  <b>Chart:3564 Edn 01/03 (P01-123)</b>
545 G5614	Blinkhorn Peninsula	On peninsula. 50 32 37.5 126 46 57.1	FI(3) W 12s	9.5	7	White cylindrical tower, green 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. Year round.  <b>Chart:3546 Edn 01/03 (P01-122)</b>
563 G5632	Masterman Islands	On NE. extremity of the northeasterly island group. 50 45 30.7 127 25 24.5	FI(3) W 12s	10.1	7	White cylindrical tower, green 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. Year round.  <b>Chart:3548 Edn 01/03 (P01-125)</b>
611 G5700	Dryad Point Sector	N. entrance, Main Passage, Seaforth Channel. 52 11 07.2 128 06 36	Oc W-R 5s	11.6	8	White square structure. 8.6	Flash 4 s; eclipse 1 s. White 142°30' through S. to 206°30'; red 206°30' through W. to 339°; white 339° through N. to 039°30'. Year round.  <b>Chart:3787 Edn 01/03 (P02-140)</b>

**SECTION 5 – Edition 01/2003**  
**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**

619 G5715	<b>McInnes Island</b>  <b>Radiobeacon</b>	On bluff, S. side of island, N. entrance to Milbanke Sound. 52 15 41.9 128 43 12.4	FI W	5s	29.5	22	White rectangular tower. 8.5	Flash every 5 s. Visible from 292°30' through N. and E. to 115°. Year round. Emergency light  <b>Horn</b> - Blast 3 s; sil. 3 s; blast 3 s; sil. 51 s. Horn points 206°.  <b>Chart:3733</b> <b>Edn 01/03 (P01-087)</b>
625	<i>Wilson Rock light and bell buoy E75</i>	52 40 00 128 57 55	FI G	4s	.....	.....	Green, marked "E75".	Year round.  <b>Chart:3726</b> <b>Edn 01/03 (P01-026)</b>
769.5	<i>South Moresby ODAS light buoy 46147</i>	51 49 42 131 13 30	FI(5) Y	20s	.....	.....	Yellow, marked "46147".	Year round.  <b>Chart:3853</b> <b>Edn 01/03 (P01-025)</b>
801	<i>Dixon Entrance ODAS light buoy 46145</i>	NNW. of Wiah Point. 54 23 01.1 132 26 54	FI(5) Y	20s	.....	.....	Yellow, marked "46145".	Year round.  <b>Chart:3802</b> <b>Edn 01/03 (P01-053)</b>
845	Takla Narrows	55 10 03 125 43 00	FI R	4s	4.6	.....	Mast on 4 pile dolphin, red and white triangular daymark. 3.0	Seasonal. Flash 0.5 s; eclipse 3.5 s  <b>Chart:N/A</b> <b>Edn 01/03 (P01-028)</b>

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

Navigating Officer or Observer: \_\_\_\_\_ Captain: \_\_\_\_\_

Ship (or address) \_\_\_\_\_

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

General locality: \_\_\_\_\_

Subject: \_\_\_\_\_

Approx. position: \_\_\_\_\_ Lat. \_\_\_\_\_ Long \_\_\_\_\_

Chart No. used to plot: \_\_\_\_\_ (Corrected to N/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.