



# NOTICES TO MARINERS PUBLICATION WESTERN EDITION



Published monthly by the

## CANADIAN COAST GUARD

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Maritime Services Directorate  
Aids to Navigation



Internet: [www.notmar.gc.ca](http://www.notmar.gc.ca)

## 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 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*.

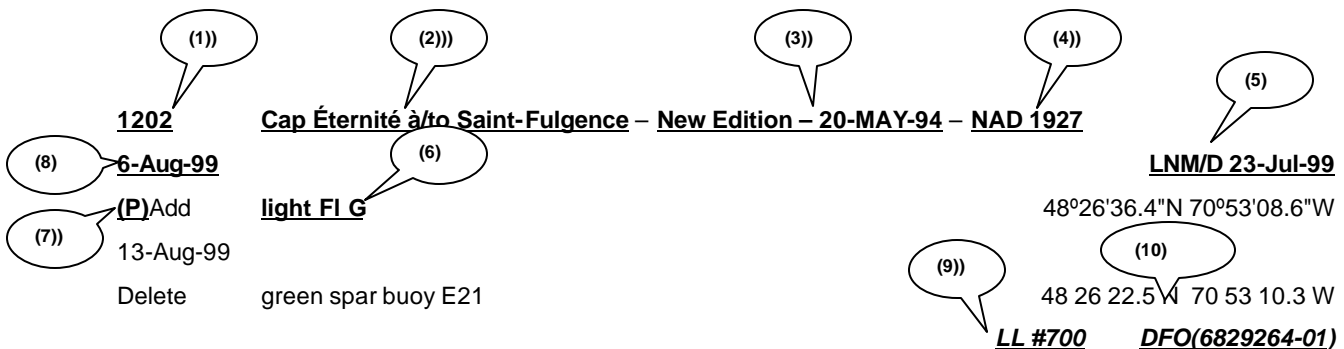
**Monthly edition of Notices to Mariners** - *Notices to Mariners* are issued free of charge on a monthly basis. Mariners now have a choice between specific *Regional* issue(s) they wish to receive. Requests to be placed on or removed from the mailing list should be made by using the form inserted on page *xiii* of each monthly edition. Notification of changes to the mailing addresses, regional issues and/or number of copies required should also be transmitted by means of this form.

**Canadian Nautical Charts & Publications** - A source list of *Canadian Nautical Charts & publications* is published in *Notice No. 14* of the current *Annual Edition of Notices to Mariners*. The source supply and the prices effective at the time of printing are listed. This list is periodically updated in the monthly edition of *Notices to Mariners*.

**NOTE: Cette publication est aussi disponible en français.**

## 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  
[www.mar.dfo-mpo.gc.ca/cg/ops](http://www.mar.dfo-mpo.gc.ca/cg/ops)  
Website E-Mail: [ROCWeb@mar.dfo-mpo.gc.ca](mailto: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](mailto: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

Pacific Regional Marine Information Centre  
Phone: (604) 666-6011  
Fax: (604) 666-8453  
E-mail: [RMIC-Pacific@pac.dfo-mpo.gc.ca](mailto:RMIC-Pacific@pac.dfo-mpo.gc.ca)  
Notice to Shipping information  
[www.pacific.ccg-gcc.gc.ca/mcts-sctm/notship/index\\_e.htm](http://www.pacific.ccg-gcc.gc.ca/mcts-sctm/notship/index_e.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		
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
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 / 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 RENEWAL/CHANGES**

Leader, Notices to Mariners  
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  
Internet [www.notmar.gc.ca](http://www.notmar.gc.ca)

**I wish to continue receiving the hard copy**

Please indicate which edition you would like to receive.

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

**WESTERN EDITION** (Comprised of Arctic and Pacific areas)\_\_\_\_\_

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**SECTION 1 – Edition 06/2005  
SAFETY AND GENERAL INFORMATION**

**CANADIAN HYDROGRAPHIC SERVICE - ANNOUNCEMENT REGARDING CANADIAN HYDROGRAPHIC SERVICE PRINT ON DEMAND (POD) CHARTS.**

In providing nautical charts to the public, the goal of the Canadian Hydrographic Service (CHS) is to maintain a level of service for safe navigation while at the same time keeping the cost to the public at a reasonable level. Many CHS nautical paper charts are now printed using Print on Demand (POD) technology. These charts are easily recognized by the coloured logo of the Canadian Hydrographic Service. Customers may have noted some differences from conventionally lithographic printed charts. While at the present time, POD charts are not as durable as those printed by the lithographic process. This new technology enables CHS to print charts in a more efficient and cost effective manner while enhancing their content with new important information. As well, safety of navigation is not affected if the charts are used carefully.

The new POD technology allows the customer to have up-to-date corrected charts without having the historical hand corrections or glued on patches applied. In addition, it also eliminates potential out of stock situations which arose with the lithographic process. Thus, the mariner will always be able to buy an up to date product. In cases of National Emergency, large numbers of a chart can be provided in a very short period. The advantages of POD are improved marine safety, environmental protection and reduction in the risk of damage to commercial property.

CHS encourages its customers to handle the POD charts more carefully than lithographic printed charts and avoid spilling liquids on the chart. Even if there is a chalky surface to the chart, the essential information (black) should remain. When buying a chart, the POD chart will be up-to-date with the latest available information. POD paper is also whiter than traditional chart paper and as a result residual pencil marks may be more apparent. Care should be taken when plotting information on the chart by using slightly lighter pencil strokes than normally used on lithographic charts. As well, tests done by CHS have shown that an Indian gum eraser does the best job when working on the product. This eraser is also suitable for charts printed by the lithographic process.

Although, CHS is continually improving its printing and distribution processes, clients can expect the quality of POD to remain the same for approximately 2 years. Changes in the pricing of paper, ink and POD technology should result in improved and more affordable delivery of service in the next few years. POD will also allow CHS to explore new business models with Private Industry. Such models may result in the availability of POD products directly from authorized chart dealers rather than from CHS.

CHS is adapting to new realities and it wishes to assure customers that resources are being used effectively to distribute essential Marine Safety information. We thank you for your understanding during this transition period. For more information please consult the CHS Website at [www.charts.gc.ca](http://www.charts.gc.ca)

**CANADIAN HYDROGRAPHIC SERVICE - ANNOUNCEMENT REGARDING CANADIAN HYDROGRAPHIC SERVICE CHART PATCHES.**

CHS is introducing a new initiative with a full colour Patch on the Web. A link in the Notices to Mariners web site will be provided so clients can access the colour Patch. The colour Patch will be published in HTML and PDF format. Providing the Patches in colour (accessible to all via remote access to the Web) is an enhanced form of alternative service delivery in line with CHS strategic objectives.

Colour Web Patches are free to the mariner, and given the quality of many printers, should reproduce well. They will be available in real time all around the world which is an improvement since clients had to wait for the paper copy to be mailed.

Previously, in the *Notices to Mariners* (NTM) booklet, Patches were produced in full colour or a minimum of black and magenta.

Due to current budgetary constraints, Patches will now only be produced in black and white for publication in the NTM booklet.

Our level of service will change with this initiative and CHS intends to analyze market reaction to this innovation.

CHS welcomes your feedback on this new service at [chsinfo@dfo-mpo.gc.ca](mailto:chsinfo@dfo-mpo.gc.ca)

**CANADIAN HYDROGRAPHIC SERVICE - CUMULATIVE CHART CORRECTIONS.**

The cumulative Notice to Mariners corrections for charts can now be accessed at <http://www.notmar.gc.ca/charts/>

**SECTION 1 – Edition 06/2005  
SAFETY AND GENERAL INFORMATION**

**CANADIAN HYDROGRAPHIC SERVICE - LIST OF CHARTS NOT HAND-CORRECTED.**

Supersedes previous "List of charts not hand-corrected", last published in Edition #06/04.

The following is a list of charts that are not hand-corrected after their date of publication.

A list of corrections is available for each of these charts upon request, in writing, to Nautical Information, Canadian Hydrographic Service, Department of Fisheries and Oceans, Ottawa, Ontario, K1A 0E6. Please state the latest edition date of the chart.

1350	2140	3080	6036	6248	6272	6359
1351	2261	3311	6037	6249	6273	6360
1361	2266	3312	6038	6258	6274	6368
1509	2267	3313	6050	6259	6285	6369
1551	2400	3488	6101	6260	6286	6370
1554	3052	3489	6205	6263	6287	6371
2011	3053	3601	6209	6264	6311	6390
2025	3055	6023	6240	6267	6354	6505
2026	3056	6026	6241	6268	6355	6506
2048	3057	6028	6242	6269	6356	
2055	3058	6030	6243	6270	6357	
2086	3062	6035	6247	6271	6358	

The following is a list of charts that are not hand-corrected after their date of publication. Subsequent corrections for these charts are available from the Internet web site NOTMAR [www.notmar.gc.ca](http://www.notmar.gc.ca) or from the internet web site [www.charts.gc.ca](http://www.charts.gc.ca) or from previous editions of the Notices to Mariners.

1400	1550	2023	2203	3061	6100	6215
1510	1552	2024	2204	4141	6207	6216
1512	1553	2028	2205	4142	6211	6217
1513	1555	2029	2206	4145	6212	6218
1514	2021	2044	2260	6021	6213	6341
1515	2022	2202	3050	6022	6214	

Please be advised that certain copies of charts, which are not normally corrected for Notices to Mariners by the Canadian Hydrographic Service, have had Notices to Mariners incorporated on the chart prior to distribution.

When these charts contain the following two notes:

1. "The information contained on this chart has been corrected from Notices to Mariners to the date of publication only. For subsequent corrections, consult the Notices to Mariners or write to Nautical Information, Canadian Hydrographic Service, Department of Fisheries and Oceans, Ottawa, Ontario K1A 0E6. Please state the latest edition date.

Le contenu de cette carte a été corrigé au moyen des Avis aux navigateurs au moment de sa publication seulement. Pour les corrections subséquentes, consulter les Avis aux navigateurs ou écrire à Information nautique, Service hydrographique du Canada, ministère des Pêches et des Océans, Ottawa (Ontario) K1A 0E6. Veuillez indiquer la date de la dernière édition."

2. NOTICES TO MARINERS / AVIS AUX NAVIGATEURS (*Followed by Notice to Mariners Number*).

The note that says: "NOTICES TO MARINERS / AVIS AUX NAVIGATEURS (*Followed by Notice to Mariners Number*)" supersedes the first note.

**The above two notes will be removed by the Canadian Hydrographic Service at the next printing of these charts. The following note will be installed:**

**"Corrected to NOTICES TO MARINERS / Corrigé jusqu'à l'AVIS AUX NAVIGATEURS (*Followed by Notice to Mariners Number*)";  
See *Notices to Mariners* for subsequent corrections / Voir *Avis aux navigateurs* pour les corrections subséquentes.**

**SECTION 1 – Edition 06/2005  
SAFETY AND GENERAL INFORMATION**

Please be advised that the publications entitled *Guide to Federal Small Craft Harbours* of Ontario and of Quebec are no longer being updated by the Department of Fisheries and Oceans. As a result, the notes regarding these publications will be removed from the appropriate charts upon the next printing.

**\*602 CANADIAN HYDROGRAPHIC SERVICE - NAUTICAL CHART.**

CHART	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
<b>New Edition</b>	All temporary and preliminary notices affecting the previous versions of the following chart are now cancelled. For any outstanding notices please consult section 2 of this edition.				
3546	Broughton Strait	1:40000	15-APR-2005	2	\$20.00

**\*603 CANADIAN HYDROGRAPHIC SERVICE - 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
CA273298	Barrow Strait and/et Wellington Channel
CA370016	Strait of Georgia, Northern Portion/Partie Nord
CA573003	Hamilton Harbour
CA576001	Halifax Harbour - Bedford Basin
CA576118	Holyrood (Marina)
CA576121	Bell Island
CA576123	Foxtrap
CA476190	Bay of Islands
CA276206	Approaches to/à Bay of Fundy
CA576283	Point Tupper to/à Ship Point
CA576386	St. John's Harbour
CA579004	Havre Saint-Pierre et les approches/and Approaches
CA579005	Havre Saint-Pierre
CA579059	Black Cape
CA579062	L'Anse-à-Beaufils

**\*604 CANADIAN HYDROGRAPHIC SERVICE - RASTER 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
<b>New Chart</b>	All temporary and preliminary notices affecting the previous versions of the following chart are now cancelled. For any outstanding notices please consult section 2 of this edition.
4827R/M	Hare Bay to/à Fortune Head
	13-AUG-2004
	See Note 2

**SECTION 1 – Edition 06/2005  
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.		
1310R/M	Port de Montréal	26-NOV-2004	See Note 2
2203R/M	Parry Sound to/à Byng Inlet	01-OCT-2004	See Note 2
3495R/M	Vancouver Harbour, Eastern Portion/Partie Est	12-NOV-2004	See Note 2
3526R/M	Howe Sound	01-JUL-2005	See Note 2
3540R/M	Approaches to/Approches à Campbell River	29-OCT-2004	See Note 2
4321R/M	Cape Canso to Liscomb Island	08-OCT-2004	See Note 2
6021R/M	Lake Muskoka	30-JUL-2004	See Note 2

**\*605 CANADIAN HYDROGRAPHIC SERVICE - NON EQUIVALENT ELECTRONIC NAVIGATION CHARTS.**

The following ENC products are not equivalent to the current editions of their corresponding paper charts and should not be used as a replacement.

<b>NON EQUIVALENT PRODUCTS</b>		
<b>S-57 ENC NUMBER</b>	<b>PAPER CHART NUMBER</b>	<b>CHART TITLE</b>
CA176030	4001	Gulf of Maine to Strait of Belle Isle au Détroit de Belle Isle
CA176140	4003	Cape Breton to/à Cape Cod
CA176290	5001	Labrador Sea/Mer du Labrador
CA273095	2200	Lake Huron/Lac Huron
CA276090	4045	Sable Island Bank/Banc de l'île de Sable to/au St. Pierre Bank/Banc de Saint Pierre
CA276091	4047	St. Pierre Bank/Banc de Saint-Pierre to/au Whale Bank/Banc de la Baleine
CA276092	4017	Cape Race to/à Cape Freels
CA276101	4049	Grand Bank, Northern Portion Grand Banc, Partie Nord to/à Flemish Pass/Passe Flamande
CA276236	4520	Orange Bay to/à Cape Bonavista
CA276271	4022	Cabot Strait and approaches/Détroit de Cabot et les approches
CA276274	4016	Saint-Pierre to/à St. John's
CA276284	4015	Sydney to/à Saint-Pierre
CA276286	4023	Northumberland Strait/Détroit de Northumberland
CA276367	4255	Georges Bank/Banc de Georges - Eastern Portion/Partie Est
CA276477	8013	Flemish Cap/Bonnet Flamand
CA373067	2304	Oiseau Bay to/à Jackfish Bay
CA373294	2242	Giant's Tomb Island to/a Franklin Island
CA376014	4242	Cape Sable Island to/aux Tusket Islands
CA376018	4243	Tusket Islands to/à Cape St. Marys
CA376045	4240	Liverpool Harbour to/à Lockeport Harbour
CA376047	4241	Lockeport to/à Cape Sable
CA376061	4227	Country Harbour to/au Ship Harbour
CA376062	4906	West Point à/to Baie de Tracadie
CA376093	4367	Flint Island to/à Cape Smoky
CA376094	4020	Strait of Belle Isle/Détroit de Belle Isle
CA376106	4844	Cape Pine to/à Renews Harbour
CA376109	4234	Country Island to/à Barren Island
CA376135	4842	Cape Pine to/au Cape St. Mary's
CA376164	4625	Burin Penninsula to/à Saint-Pierre
CA376167	4363	Cape Smokey to/à St. Paul Island
CA376212	5143	Lake Melville
CA376230	4321	Cape Canso to Liscomb Island
CA473279	2110	Long Point Bay

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CA476006	4396	Annapolis Basin
CA476125	4912	Miramichi
CA476126	4912	Miramichi River - Chatham to/à Newcastle (Continuation A)
CA476179	4466	Hillsborough Bay
CA476202	4211	Cape Lahave to/à Liverpool Bay
CA476277	4307	Canso Harbour to/au Strait of Canso
CA476279	4530	Hamilton Sound, Eastern Portion/Partie est
CA476285	4306	Canso Lock to St. Georges Bay/Écluse de Canso à St. Georges Bay
CA476327	4596	Bay of Exploits Sheet/feuille II (Middle/centre)
CA476328	4597	Bay of Exploits Sheet/feuille III (South/sud)
CA573149	2226	Parry Sound Harbour
CA573150	2207-4	Little Current to/a Clapperton Island
CA576008	4396	Digby
CA576177	4460	Charlottetown Harbour
CA576226	4587	Fishery Products International Wharves/Quais
CA676408	4849	Irving Oil Wharf/Quai

**\*606 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.

The current chart edition dates may also be accessed at <http://www.chs-shc.dfo-mpo.gc.ca/pub/en/products/core.cfm>

Chart Number	Category	Edition Date	Reprint Date
1202	NEWEDN	10-Sep-99	
1203	NEWEDN	16-Nov-01	
1209	NEWEDN	14-Dec-84	02-Aug-96
1220	NEWEDN	09-Jan-04	
1221	NEWEDN	07-Jan-05	
1223	NEWEDN	23-Jul-04	
1226	NEWEDN	19-Nov-99	
1230	NEWEDN	10-May-02	
1233	NEWEDN	09-Nov-01	
1234	NEWEDN	25-May-01	
1235	NEWEDN	31-Mar-00	
1236	NEWEDN	23-Jul-04	
1260	NEWCHT	04-Jan-91	
1310	NEWEDN	26-Nov-04	
1311	NEWCHT	05-Nov-99	
1312	NEWEDN	21-Jan-05	

Chart Number	Category	Edition Date	Reprint Date
1313	NEWEDN	28-Jul-00	
1314	NEWEDN	29-Sep-00	
1315	NEWEDN	21-Jun-02	
1316	NEWEDN	26-Feb-99	
1317	NEWEDN	17-Aug-01	
1350	NEWCHT	06-Jul-84	25-Mar-94
1351	NEWCHT	21-Sep-84	11-Aug-95
1361	NEWEDN	28-May-76	01-Mar-96
1400	NEWEDN	25-Jun-99	
1409	NEWEDN	12-Apr-02	
1410	NEWEDN	26-Apr-02	
1431	NEWCHT	17-Jan-03	
1432	NEWCHT	09-Jul-99	
1433	NEWCHT	28-May-99	
1434	NEWCHT	01-Mar-96	
1435	NEWCHT	15-Dec-95	

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Chart Number	Category	Edition Date	Reprint Date
1436	NEWCHT	15-Jan-93	03-Jan-97
1437	NEWCHT	19-Mar-93	30-May-97
1438	NEWEDN	16-Nov-01	
1439	NEWEDN	08-Dec-00	
1509	NEWCHT	18-May-90	27-Jun-97
1510	NEWEDN	25-Jul-03	
1512	NEWEDN	04-Mar-05	
1513	NEWEDN	07-Jun-96	
1514	NEWCHT	24-Jul-98	
1515	NEWCHT	24-Jul-98	
1550	NEWEDN	26-Dec-03	
1551	NEWEDN	24-Aug-01	
1552	NEWEDN	05-Jun-98	
1553	NEWEDN	16-Feb-01	
1554	NEWEDN	16-Sep-88	15-Aug-97
1555	NEWEDN	25-May-01	
1556	NEWCHT	02-Apr-04	
2000	NEWEDN	10-Apr-98	
2006	NEWEDN	31-Mar-00	
2007	NEWEDN	10-Sep-82	09-Sep-94
2011	NEWEDN	17-Jan-03	
2017	NEWCHT	13-Jul-90	
2018	NEWCHT	22-Jun-90	
2021	NEWEDN	10-Aug-01	
2022	NEWEDN	09-Jan-04	
2023	NEWEDN	08-Aug-03	
2024	NEWEDN	16-May-03	
2025	NEWEDN	23-Apr-04	
2026	NEWEDN	06-Aug-04	
2028	NEWEDN	02-Aug-02	
2029	NEWEDN	15-Jun-01	
2042	NEWEDN	28-Nov-03	
2043	NEWCHT	29-Nov-68	26-Mar-82
2044	NEWCHT	28-Feb-97	
2047	NEWCHT	07-Apr-95	
2048	NEWCHT	11-Oct-91	
2049	NEWCHT	10-May-85	
2050	NEWCHT	10-May-85	
2053	NEWCHT	10-May-85	
2054	NEWCHT	10-May-85	
2055	NEWCHT	05-Jul-91	
2058	NEWEDN	25-Feb-00	
2059	NEWCHT	31-Jul-98	
2060	NEWEDN	28-Dec-01	
2064	NEWEDN	05-Mar-99	
2067	NEWEDN	15-Jun-01	
2069	NEWEDN	19-May-00	
2070	NEWEDN	29-Apr-83	
2077	NEWEDN	23-Apr-99	

Chart Number	Category	Edition Date	Reprint Date
2085	NEWEDN	18-Feb-00	
2086	NEWEDN	03-Jan-03	
2100	NEWEDN	25-Dec-98	
2110	NEWEDN	29-May-98	
2120	NEWEDN	06-Nov-98	
2121	NEWCHT	18-Dec-87	
2122	NEWEDN	05-Jul-91	05-Apr-96
2123	NEWEDN	12-Mar-93	04-Apr-97
2140	NEWCHT	16-Sep-88	
2165	NEWCHT	08-Mar-91	
2181	NEWEDN	10-Nov-89	
2200	NEWEDN	05-Jul-02	
2201	NEWEDN	18-Nov-98	
2202	NEWEDN	26-Mar-99	
2203	NEWEDN	01-Oct-04	
2204	NEWEDN	23-Feb-01	
2205	NEWEDN	11-May-01	
2206	NEWCHT	27-Jun-97	
2207	NEWCHT	27-Jul-01	
2218	NEWCHT	13-Apr-84	
2221	NEWEDN	07-Jun-96	
2222	NEWCHT	13-Apr-84	
2223	NEWEDN	13-Apr-84	
2225	NEWEDN	08-Mar-91	11-Jul-97
2226	NEWEDN	22-Nov-91	
2228	NEWCHT	16-Feb-90	
2235	NEWEDN	24-Sep-99	
2241	NEWCHT	30-Jul-99	
2242	NEWCHT	07-Jan-05	
2243	NEWEDN	30-Aug-85	08-Apr-94
2244	NEWEDN	03-Nov-00	
2245	NEWEDN	26-Jul-02	
2250	NEWCHT	09-May-86	
2251	NEWCHT	11-Apr-86	26-Jun-92
2257	NEWEDN	11-Jan-02	
2258	NEWEDN	16-Jun-89	05-Apr-96
2259	NEWEDN	26-Jul-02	
2260	NEWEDN	05-Feb-99	
2261	NEWEDN	13-Jun-86	21-Apr-95
2266	NEWCHT	22-Jun-84	
2267	NEWCHT	22-Jun-84	
2268	NEWEDN	31-Mar-89	06-May-94
2273	NEWCHT	13-Oct-55	22-Aug-75
2274	NEWEDN	07-Apr-00	
2282	NEWEDN	07-Jun-96	
2283	NEWCHT	30-Jul-99	
2291	NEWEDN	31-Mar-00	
2292	NEWEDN	28-Apr-89	05-Apr-96
2293	NEWEDN	30-Mar-01	

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Chart Number	Category	Edition Date	Reprint Date
2297	NEWEDN	20-Jan-60	19-Sep-97
2298	NEWEDN	02-Jul-58	13-Feb-81
2299	NEWEDN	25-May-01	
2300	NEWCHT	24-Apr-98	
2301	NEWEDN	22-Feb-91	
2302	NEWEDN	02-Aug-85	
2303	NEWEDN	18-May-55	29-Jun-90
2304	NEWEDN	20-Feb-04	
2305	NEWEDN	17-Dec-56	08-Feb-80
2306	NEWEDN	03-May-57	09-May-75
2307	NEWEDN	31-Aug-56	11-Mar-77
2308	NEWEDN	19-Jul-46	21-Apr-78
2309	NEWEDN	23-Jul-99	
2310	NEWEDN	03-Jun-46	01-Feb-80
2311	NEWEDN	23-Apr-99	
2312	NEWEDN	31-May-02	
2313	NEWEDN	29-Oct-04	
2314	NEWEDN	12-Sep-03	
2315	NEWEDN	22-Apr-88	
2318	NEWEDN	03-Dec-82	
2400	NEWEDN	29-Jun-90	
3000	NEWEDN	20-Jan-89	22-Apr-94
3001	NEWEDN	23-Feb-01	
3002	NEWEDN	16-Dec-94	09-May-03
3050	NEWEDN	03-May-96	
3052	NEWEDN	07-Oct-94	
3053	NEWCHT	11-Apr-86	02-Feb-90
3055	NEWCHT	21-Jun-91	
3056	NEWCHT	21-Jun-91	
3057	NEWCHT	21-Jun-91	
3058	NEWCHT	21-Jun-91	
3061	NEWEDN	29-Oct-99	
3062	NEWCHT	24-May-85	
3080	NEWEDN	03-Apr-92	
3311	NEWEDN	31-Dec-93	
3312	NEWCHT	31-Jan-86	05-Apr-91
3313	NEWCHT	28-Jul-95	
3410	NEWCHT	24-Mar-95	
3411	NEWCHT	24-Mar-95	
3415	NEWEDN	13-Feb-87	08-Apr-94
3419	NEWEDN	27-Jun-03	
3424	NEWEDN	12-Sep-03	
3440	NEWEDN	29-Nov-02	
3441	NEWEDN	29-Nov-02	
3442	NEWEDN	03-Jun-88	06-Dec-96
3443	NEWEDN	20-Dec-02	
3447	NEWCHT	10-Dec-99	
3458	NEWEDN	10-Mar-95	
3459	NEWEDN	24-Oct-97	

Chart Number	Category	Edition Date	Reprint Date
3461	NEWEDN	29-Nov-02	
3462	NEWEDN	29-Nov-02	
3463	NEWEDN	29-Nov-02	
3473	NEWEDN	02-May-03	
3475	NEWEDN	27-May-88	02-Jul-93
3476	NEWCHT	31-Aug-84	06-Sep-02
3477	NEWEDN	03-May-85	08-Sep-89
3478	NEWEDN	24-Feb-95	
3481	NEWEDN	22-Sep-00	
3488	NEWCHT	21-Oct-94	
3489	NEWCHT	21-Oct-94	
3490	NEWEDN	16-Apr-04	
3491	NEWEDN	05-Jan-96	
3492	NEWEDN	29-Nov-02	
3493	NEWEDN	18-Dec-98	
3494	NEWEDN	18-Dec-98	
3495	NEWEDN	12-Nov-04	
3512	NEWEDN	25-Dec-98	
3513	NEWEDN	29-Oct-99	
3514	NEWEDN	02-Aug-96	
3515	NEWCHT	18-Jan-91	03-Jun-94
3527	NEWEDN	06-Apr-01	
3534	NEWEDN	26-Dec-03	
3535	NEWEDN	16-Aug-85	16-Apr-93
3536	NEWCHT	21-Apr-78	16-Apr-93
3537	NEWEDN	30-Apr-04	
3538	NEWEDN	27-Nov-92	02-Aug-96
3539	NEWEDN	04-Aug-89	25-Apr-97
3540	NEWEDN	29-Oct-04	
3541	NEWEDN	29-Jul-94	
3542	NEWEDN	01-Jul-94	
3543	NEWEDN	27-Nov-92	30-May-97
3544	NEWEDN	25-Sep-87	01-May-98
3545	NEWCHT	28-Apr-89	23-Feb-01
3546	NEWEDN	15-Apr-05	
3547	NEWCHT	28-Apr-89	05-Apr-96
3548	NEWEDN	26-Sep-97	
3549	NEWCHT	03-Dec-93	06-Jul-01
3550	NEWCHT	03-Dec-93	02-Jan-98
3552	NEWCHT	02-Jan-87	02-Apr-93
3555	NEWEDN	27-Jun-86	09-Apr-93
3559	NEWCHT	15-Jun-79	02-Feb-90
3564	NEWCHT	04-Dec-87	08-Sep-95
3598	NEWEDN	14-Aug-87	22-Nov-02
3601	NEWEDN	29-Nov-02	
3602	NEWEDN	29-Nov-02	
3603	NEWEDN	23-Oct-81	25-Jan-02
3604	NEWEDN	06-Nov-87	13-Jun-97
3605	NEWEDN	06-Mar-98	



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Chart Number	Category	Edition Date	Reprint Date
3606	NEWEDN	29-Nov-02	
3623	NEWEDN	26-Aug-77	06-Jan-89
3624	NEWEDN	19-Aug-88	22-Apr-94
3625	NEWCHT	25-Oct-68	10-Mar-89
3646	NEWEDN	30-Jun-95	
3647	NEWEDN	31-Dec-04	
3651	NEWEDN	09-Apr-93	
3668	NEWEDN	07-Apr-00	
3670	NEWEDN	21-Oct-94	
3671	NEWEDN	27-Aug-82	03-Jun-94
3673	NEWCHT	01-Dec-95	
3674	NEWCHT	01-Dec-95	
3675	NEWCHT	20-Nov-98	
3676	NEWCHT	20-Nov-98	30-Aug-02
3679	NEWCHT	14-Jun-91	21-Feb-97
3680	NEWEDN	07-Apr-78	26-Apr-91
3681	NEWCHT	08-Jun-90	
3682	NEWEDN	02-May-03	
3683	NEWEDN	11-Jul-03	
3685	NEWEDN	25-Aug-95	
3686	NEWCHT	08-Apr-88	02-Dec-94
3710	NEWEDN	04-Jul-86	15-Jun-90
3711	NEWEDN	15-Jun-84	19-Feb-93
3717	NEWEDN	28-Jul-95	
3719	NEWEDN	17-Apr-61	11-Nov-88
3721	NEWEDN	26-Aug-94	
3722	NEWEDN	07-Feb-64	04-Sep-87
3723	NEWEDN	29-Jun-84	
3724	NEWEDN	23-May-80	21-Apr-95
3726	NEWEDN	23-May-80	16-Aug-02
3727	NEWEDN	29-Jun-62	24-Mar-95
3728	NEWEDN	05-Feb-82	24-Jan-97
3729	NEWEDN	06-Mar-98	
3730	NEWCHT	30-Nov-60	21-Dec-90
3733	NEWCHT	30-Aug-02	
3734	NEWEDN	09-Jul-76	27-Dec-02
3736	NEWEDN	31-Aug-90	
3737	NEWEDN	14-Aug-87	21-Apr-95
3738	NEWEDN	04-Feb-83	24-Mar-95
3739	NEWEDN	03-Feb-84	01-Sep-89
3740	NEWEDN	20-May-77	06-Dec-96
3741	NEWEDN	15-Feb-63	30-Jun-89
3742	NEWEDN	16-Jul-82	23-Aug-02
3743	NEWEDN	25-Mar-77	10-Feb-95
3744	NEWEDN	20-May-88	23-Feb-01
3745	NEWEDN	12-Jun-98	
3746	NEWEDN	12-Aug-77	02-Jul-93
3747	NEWEDN	16-Sep-77	30-May-97
3753	NEWEDN	30-Apr-59	12-Aug-88

Chart Number	Category	Edition Date	Reprint Date
3761	NEWEDN	19-Aug-88	
3772	NEWEDN	30-Oct-64	29-Jan-93
3773	NEWEDN	26-Apr-85	06-Dec-96
3794	NEWEDN	30-Aug-02	
3795	NEWEDN	01-May-64	09-Jul-93
3802	NEWEDN	24-Nov-89	29-Nov-02
3807	NEWEDN	05-Feb-99	
3808	NEWCHT	30-Mar-62	13-Oct-89
3809	NEWEDN	24-Aug-79	24-Mar-95
3811	NEWEDN	06-Dec-63	27-Sep-91
3825	NEWEDN	16-Dec-77	09-Jun-89
3853	NEWEDN	02-Mar-90	05-Apr-96
3854	NEWEDN	23-Oct-87	23-Apr-93
3855	NEWEDN	13-Jan-67	26-Apr-91
3857	NEWEDN	17-Nov-67	10-Jul-87
3858	NEWEDN	28-Jul-67	28-Jul-89
3859	NEWEDN	21-Aug-98	
3860	NEWEDN	12-Sep-69	04-Jan-02
3863	NEWEDN	25-Apr-80	16-Mar-90
3864	NEWEDN	11-May-62	17-Dec-93
3865	NEWEDN	01-Nov-55	10-Jul-87
3868	NEWEDN	12-Jul-68	19-Apr-91
3869	NEWEDN	28-Nov-86	02-Mar-90
3890	NEWCHT	14-Mar-86	07-Apr-95
3891	NEWCHT	08-Sep-89	01-Aug-97
3892	NEWCHT	13-Jan-84	03-Jun-94
3893	NEWCHT	13-Jan-84	
3894	NEWEDN	12-Jun-98	
3895	NEWEDN	27-Dec-02	
3902	NEWEDN	09-Dec-88	27-Jun-97
3909	NEWCHT	11-Dec-87	03-Jun-94
3920	NEWCHT	18-Jan-91	
3921	NEWEDN	15-Dec-95	
3927	NEWEDN	29-May-98	
3931	NEWCHT	21-Feb-92	23-Mar-01
3932	NEWCHT	21-Feb-92	12-Jun-98
3933	NEWEDN	20-Jan-89	19-Feb-93
3934	NEWCHT	21-Feb-92	02-Jun-95
3935	NEWCHT	28-Jan-00	
3936	NEWCHT	20-Apr-01	
3937	NEWCHT	07-Jul-00	
3938	NEWCHT	02-Apr-04	
3939	NEWCHT	31-Dec-04	
3940	NEWCHT	01-Mar-96	
3955	NEWCHT	15-Feb-85	20-May-94
3956	NEWEDN	01-Mar-96	
3957	NEWEDN	05-Jun-98	
3958	NEWEDN	24-Mar-95	
3959	NEWCHT	11-Dec-87	06-Apr-01

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Chart Number	Category	Edition Date	Reprint Date
3960	NEWCHT	13-Aug-93	16-Apr-99
3962	NEWEDN	25-Feb-00	
3963	NEWCHT	26-Oct-90	12-Jun-98
3964	NEWEDN	30-Apr-99	
3994	NEWEDN	20-Jan-89	22-Sep-95
4000	NEWEDN	25-Jul-03	
4001	NEWEDN	01-Dec-95	
4002	NEWEDN	27-Dec-91	05-Jul-96
4003	NEWEDN	21-Mar-03	
4006	NEWEDN	08-Aug-03	
4010	NEWEDN	14-Feb-03	
4011	NEWEDN	03-Jan-03	
4012	NEWEDN	14-Feb-03	
4013	NEWEDN	06-Sep-02	
4015	NEWEDN	28-Mar-03	
4016	NEWEDN	06-Jun-03	
4017	NEWEDN	07-Mar-03	
4020	NEWEDN	26-Jul-02	
4021	NEWEDN	01-Nov-02	
4022	NEWEDN	17-Jan-03	
4023	NEWEDN	27-Dec-02	
4024	NEWEDN	03-Mar-00	
4025	NEWEDN	27-Dec-91	
4026	NEWEDN	12-Jan-01	
4045	NEWEDN	10-Oct-03	
4047	NEWEDN	09-Oct-98	
4049	NEWEDN	19-May-95	
4098	NEWEDN	30-Nov-01	
4099	NEWEDN	28-Dec-01	
4114	NEWCHT	08-May-92	
4115	NEWCHT	31-Dec-99	
4116	NEWCHT	09-Apr-93	
4117	NEWEDN	12-Jul-02	
4118	NEWEDN	13-Nov-98	
4124	NEWEDN	07-Apr-00	
4130	NEWEDN	01-Nov-02	
4140	NEWEDN	15-Nov-02	
4141	NEWEDN	01-Nov-96	
4142	NEWEDN	01-Nov-96	
4145	NEWEDN	04-Jan-02	
4170	NEWCHT	28-Feb-92	
4201	NEWEDN	11-Aug-00	
4202	NEWEDN	31-Dec-99	
4203	NEWEDN	14-Apr-00	
4209	NEWCHT	21-Oct-94	
4210	NEWCHT	05-Apr-91	
4211	NEWEDN	20-Jun-03	
4227	NEWCHT	24-May-91	
4230	NEWCHT	15-Jun-90	26-Jun-98

Chart Number	Category	Edition Date	Reprint Date
4233	NEWCHT	11-Jan-91	
4234	NEWCHT	10-Apr-87	26-Dec-97
4235	NEWEDN	28-Apr-00	
4236	NEWEDN	13-Jul-01	
4237	NEWEDN	02-Jun-00	
4240	NEWCHT	06-Oct-89	06-Jun-97
4241	NEWEDN	08-Nov-02	
4242	NEWEDN	28-Aug-92	
4243	NEWEDN	11-Oct-02	
4244	NEWEDN	26-Dec-03	
4245	NEWEDN	19-Nov-99	
4255	NEWCHT	27-Jul-90	
4266	NEWEDN	14-Mar-03	
4275	NEWEDN	28-Jun-02	
4276	NEWEDN	25-Jul-97	
4277	NEWEDN	17-Apr-98	
4278	NEWEDN	20-Mar-98	
4279	NEWEDN	28-Aug-98	
4281	NEWEDN	16-Nov-01	
4306	NEWEDN	07-Nov-03	
4307	NEWEDN	29-Nov-02	
4308	NEWEDN	21-Mar-03	
4320	NEWEDN	26-Sep-97	
4321	NEWEDN	08-Oct-04	
4328	NEWEDN	10-Jul-98	
4335	NEWEDN	14-Aug-98	
4337	NEWEDN	07-Jun-02	
4340	NEWEDN	10-Jan-03	
4342	NEWEDN	12-Jul-02	
4363	NEWEDN	12-Sep-03	
4365	NEWEDN	06-Dec-02	
4367	NEWEDN	03-Apr-03	
4374	NEWEDN	08-Nov-02	
4375	NEWEDN	11-Oct-02	
4376	NEWEDN	14-Jun-02	
4377	NEWEDN	06-Nov-98	
4379	NEWEDN	18-Jul-03	
4381	NEWEDN	31-Jan-03	
4384	NEWEDN	10-Jan-03	
4385	NEWEDN	07-Jun-96	
4386	NEWEDN	16-Jul-04	
4391	NEWEDN	20-Dec-02	
4394	NEWEDN	26-Jul-02	
4395	NEWEDN	04-Jul-03	
4396	NEWEDN	16-Jul-04	
4399	NEWEDN	23-Aug-02	
4402	NEWEDN	25-Dec-98	
4403	NEWEDN	04-Apr-03	
4404	NEWEDN	12-May-00	

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Chart Number	Category	Edition Date	Reprint Date
4405	NEWEDN	21-Feb-03	
4406	NEWEDN	27-Feb-98	
4416	NEWEDN	16-Nov-01	
4419	NEWEDN	22-Nov-02	
4420	NEWEDN	26-Jan-01	
4421	NEWEDN	20-Dec-02	
4422	NEWEDN	26-Dec-03	
4425	NEWEDN	01-Nov-02	
4426	NEWEDN	02-Aug-02	
4428	NEWEDN	06-Oct-78	
4429	NEWEDN	04-Oct-02	
4430	NEWEDN	02-Oct-81	21-May-93
4432	NEWEDN	09-Jan-04	
4437	NEWEDN	14-Mar-03	
4440	NEWEDN	18-Jul-80	
4443	NEWEDN	26-Jul-02	
4445	NEWEDN	23-May-03	
4446	NEWEDN	23-Aug-02	
4447	NEWEDN	07-Sep-01	
4448	NEWEDN	13-Dec-02	
4449	NEWEDN	03-Jul-98	
4450	NEWEDN	21-Mar-03	
4452	NEWEDN	29-Jul-83	
4453	NEWEDN	17-Dec-82	
4454	NEWEDN	03-Feb-78	
4455	NEWEDN	10-Sep-76	20-Oct-89
4456	NEWEDN	26-Mar-04	
4459	NEWEDN	25-Jun-99	
4460	NEWEDN	30-May-03	
4462	NEWEDN	07-Mar-03	
4463	NEWEDN	27-Jun-03	
4464	NEWEDN	10-Jan-03	
4466	NEWEDN	21-Mar-03	
4467	NEWEDN	10-Jan-03	
4468	NEWEDN	12-Jul-85	
4469	NEWEDN	08-Nov-85	
4470	NEWEDN	04-Jan-80	
4471	NEWEDN	11-Feb-77	11-Aug-89
4472	NEWEDN	14-Aug-81	
4473	NEWEDN	25-Nov-77	
4474	NEWEDN	28-May-99	
4483	NEWEDN	10-Jan-03	
4485	NEWEDN	26-Sep-97	
4486	NEWEDN	19-Feb-99	
4491	NEWEDN	13-Dec-02	
4492	NEWEDN	08-Nov-02	
4497	NEWEDN	27-Jun-03	
4498	NEWEDN	20-Jun-03	
4504	NEWEDN	23-May-03	

Chart Number	Category	Edition Date	Reprint Date
4505	NEWEDN	10-May-02	
4506	NEWEDN	05-Dec-03	
4507	NEWEDN	05-Dec-03	
4509	NEWEDN	06-Jun-03	
4510	NEWEDN	10-May-02	
4511	NEWEDN	20-Dec-02	
4512	NEWEDN	24-Jan-03	
4514	NEWEDN	23-May-03	
4515	NEWEDN	20-Nov-98	
4516	NEWEDN	26-Dec-03	
4518	NEWEDN	08-Nov-02	
4519	NEWEDN	09-Aug-02	
4520	NEWEDN	02-Jun-95	30-Nov-01
4521	NEWEDN	04-Jul-03	
4522	NEWEDN	10-Oct-03	
4523	NEWEDN	20-Dec-02	
4524	NEWEDN	04-Jul-03	
4529	NEWEDN	13-Jun-03	
4530	NEWEDN	15-Mar-02	
4538	NEWEDN	11-Jul-03	
4540	NEWEDN	05-Dec-03	
4541	NEWEDN	04-Jul-03	
4542	NEWEDN	07-Mar-03	
4582	NEWEDN	25-Jul-03	
4583	NEWEDN	31-May-02	
4584	NEWEDN	11-Jul-03	
4585	NEWEDN	30-May-03	
4587	NEWEDN	10-Jan-03	
4591	NEWEDN	26-Dec-03	
4592	NEWEDN	10-Oct-03	
4593	NEWEDN	05-Dec-03	
4594	NEWEDN	04-Jul-03	
4595	NEWEDN	04-Jul-03	
4596	NEWEDN	10-Oct-03	
4597	NEWEDN	04-Jul-03	
4615	NEWEDN	20-Aug-99	
4616	NEWEDN	06-Jun-03	
4617	NEWEDN	17-May-02	
4619	NEWEDN	20-Nov-98	
4622	NEWEDN	03-Oct-03	
4624	NEWEDN	07-Jan-00	
4625	NEWEDN	24-Jan-03	
4626	NEWEDN	24-Jan-03	
4633	NEWEDN	14-Mar-03	
4638	NEWEDN	11-Jul-03	
4639	NEWEDN	10-May-02	
4640	NEWEDN	27-Aug-99	
4641	NEWEDN	25-Dec-98	
4642	NEWEDN	08-Nov-02	

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Chart Number	Category	Edition Date	Reprint Date
4643	NEWEDN	28-Mar-03	
4644	NEWEDN	25-Jun-99	
4652	NEWEDN	10-Jan-03	
4653	NEWEDN	30-May-03	
4654	NEWEDN	22-Nov-02	
4658	NEWEDN	10-Oct-03	
4659	NEWEDN	01-Aug-03	
4661	NEWEDN	04-Jul-03	
4663	NEWEDN	01-Aug-03	
4665	NEWEDN	04-Jul-03	
4666	NEWEDN	11-Jul-03	
4667	NEWEDN	27-Jun-03	
4668	NEWEDN	04-Jul-03	
4669	NEWEDN	06-Dec-02	
4670	NEWEDN	13-Jun-03	
4679	NEWEDN	29-Nov-02	
4680	NEWEDN	07-Nov-03	
4682	NEWEDN	27-Jun-03	
4700	NEWEDN	21-Mar-03	
4701	NEWEDN	13-Dec-02	
4702	NEWEDN	28-May-04	
4703	NEWEDN	04-Apr-03	
4712	NEWEDN	28-Sep-01	
4722	NEWEDN	22-Nov-02	
4724	NEWEDN	04-Oct-02	
4725	NEWEDN	23-Aug-02	
4728	NEWEDN	22-Nov-02	
4730	NEWEDN	31-May-02	
4731	NEWEDN	13-Jun-03	
4732	NEWEDN	06-Jun-03	
4744	NEWEDN	20-Dec-02	
4745	NEWEDN	07-Mar-03	
4763	NEWEDN	29-Mar-02	
4764	NEWEDN	07-Jun-02	
4765	NEWEDN	31-May-02	
4766	NEWEDN	10-Oct-03	
4767	NEWEDN	18-Jul-03	
4769	NEWEDN	29-Mar-02	
4771	NEWEDN	07-Mar-03	
4773	NEWEDN	31-May-02	
4774	NEWEDN	04-Jul-03	
4775	NEWEDN	07-Jun-02	
4776	NEWEDN	09-Aug-02	
4817	NEWEDN	23-Aug-02	
4821	NEWCHT	23-Apr-04	
4823	NEWCHT	16-Jan-04	
4824	NEWCHT	25-Oct-02	
4825	NEWCHT	01-Mar-02	
4827	NEWCHT	13-Aug-04	

Chart Number	Category	Edition Date	Reprint Date
4830	NEWEDN	08-Nov-02	
4831	NEWCHT	26-Dec-86	
4832	NEWCHT	02-Oct-87	
4839	NEWEDN	01-Aug-03	
4841	NEWCHT	19-May-89	
4842	NEWEDN	27-Oct-00	
4843	NEWEDN	26-Dec-03	
4844	NEWEDN	08-Mar-02	
4845	NEWEDN	12-Sep-97	
4846	NEWEDN	15-Dec-95	
4847	NEWEDN	03-Aug-01	
4848	NEWCHT	12-Jun-87	
4849	NEWCHT	30-Dec-88	
4850	NEWCHT	11-May-90	
4851	NEWEDN	04-Apr-97	
4852	NEWCHT	02-Dec-94	
4853	NEWEDN	30-Jul-99	
4854	NEWCHT	25-Apr-97	
4855	NEWCHT	06-Jun-97	
4856	NEWCHT	13-Oct-00	
4857	NEWCHT	29-Oct-99	
4858	NEWCHT	25-Dec-98	
4862	NEWCHT	26-Dec-03	
4863	NEWEDN	30-Nov-01	
4865	NEWCHT	30-Jan-98	
4885	NEWEDN	08-Mar-02	
4886	NEWCHT	26-Dec-97	
4905	NEWEDN	29-Dec-00	
4906	NEWCHT	18-Mar-88	11-Jun-93
4909	NEWCHT	17-Jun-88	01-Mar-96
4911	NEWEDN	07-May-93	
4912	NEWEDN	04-Jun-93	
4913	NEWCHT	07-Aug-92	
4920	NEWEDN	18-Sep-98	
4921	NEWEDN	06-Mar-98	
4950	NEWCHT	23-Aug-02	
4951	NEWCHT	04-Jan-91	
4952	NEWCHT	21-Aug-92	
4954	NEWEDN	21-Feb-03	
4955	NEWCHT	15-Feb-91	
4956	NEWEDN	21-Feb-03	
4957	NEWCHT	13-Jul-90	
4980	NEWCHT	03-Jan-92	
5001	NEWEDN	17-Jan-03	
5002	NEWCHT	25-Jul-75	
5003	NEWEDN	26-Sep-69	23-Jul-76
5023	NEWEDN	30-Apr-04	
5030	NEWEDN	16-Jul-04	
5031	NEWEDN	31-Dec-99	

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Chart Number	Category	Edition Date	Reprint Date
5032	NEWCHT	31-Jan-03	
5033	NEWCHT	09-May-03	
5042	NEWEDN	27-Jun-03	
5043	NEWEDN	20-Aug-99	
5044	NEWEDN	20-Aug-99	
5045	NEWEDN	01-Mar-02	
5046	NEWEDN	27-Apr-01	
5047	NEWEDN	01-Feb-02	
5048	NEWEDN	07-Jul-00	
5049	NEWEDN	25-Jun-99	
5051	NEWEDN	26-Dec-03	
5052	NEWEDN	12-Dec-03	
5054	NEWCHT	26-Mar-04	
5070	NEWEDN	20-Nov-98	
5080	NEWCHT	03-Oct-97	
5133	NEWEDN	27-Jun-03	
5134	NEWEDN	13-Sep-02	
5135	NEWEDN	12-Jul-02	
5138	NEWEDN	17-Apr-98	
5140	NEWEDN	27-Jun-03	
5143	NEWEDN	07-Mar-03	
5179	NEWEDN	10-Oct-03	
5300	NEWEDN	28-May-04	
5316	NEWEDN	16-May-03	
5335	NEWCHT	15-Mar-85	
5338	NEWCHT	06-Jun-86	
5340	NEWEDN	18-Feb-05	
5348	NEWEDN	05-Nov-76	
5349	NEWCHT	05-Mar-58	03-Mar-78
5351	NEWCHT	24-Feb-56	25-Mar-83
5352	NEWEDN	08-Jul-60	16-May-80
5365	NEWCHT	26-Sep-69	25-Aug-89
5373	NEWCHT	15-Feb-85	
5374	NEWCHT	17-Jan-86	
5375	NEWCHT	28-Feb-86	
5376	NEWCHT	22-Mar-85	
5390	NEWCHT	17-May-68	04-Nov-88
5391	NEWCHT	17-May-68	18-Feb-83
5399	NEWEDN	04-Sep-81	
5400	NEWEDN	28-Nov-03	
5403	NEWEDN	04-Feb-87	
5405	NEWEDN	26-Dec-03	
5406	NEWEDN	26-Nov-04	
5410	NEWEDN	25-Mar-77	19-Mar-93
5411	NEWEDN	28-Nov-03	
5412	NEWEDN	26-Nov-04	
5414	NEWEDN	26-Nov-04	
5440	NEWEDN	26-Nov-04	
5449	NEWEDN	15-Aug-86	

Chart Number	Category	Edition Date	Reprint Date
5450	NEWEDN	22-May-70	29-Jul-77
5451	NEWEDN	05-Nov-65	22-Mar-85
5452	NEWCHT	16-Dec-54	05-Feb-82
5455	NEWEDN	13-Jun-03	
5456	NEWEDN	26-Nov-04	
5457	NEWEDN	04-Sep-98	
5458	NEWEDN	08-Mar-63	10-Nov-78
5459	NEWEDN	26-Dec-03	
5464	NEWEDN	15-Aug-03	
5467	NEWEDN	05-Dec-03	
5468	NEWEDN	26-Nov-04	
5469	NEWEDN	26-Nov-04	
5471	NEWEDN	19-Nov-04	
5476	NEWEDN	03-Jul-59	15-Jun-73
5505	NEWCHT	25-Jan-02	
5510	NEWEDN	11-Jan-80	
5512	NEWCHT	18-Dec-87	
5533	NEWEDN	11-Mar-77	
5620	NEWEDN	29-Dec-00	
5621	NEWEDN	26-Apr-91	
5622	NEWEDN	27-Dec-91	
5623	NEWEDN	08-Nov-91	
5624	NEWEDN	26-Apr-91	
5625	NEWEDN	10-Jul-92	
5626	NEWCHT	08-Aug-86	
5628	NEWCHT	08-Aug-97	
5629	NEWCHT	27-Oct-00	
5630	NEWCHT	05-Dec-03	
5631	NEWCHT	10-Jan-03	
5640	NEWCHT	22-Apr-94	
5641	NEWCHT	01-Dec-00	
5642	NEWCHT	19-Apr-02	
5705	NEWEDN	13-May-83	
5707	NEWEDN	28-Jan-83	
5720	NEWCHT	22-Apr-94	
5800	NEWEDN	19-Jul-74	22-Mar-91
5801	NEWEDN	24-May-74	
5860	NEWEDN	30-Sep-66	14-May-76
5861	NEWEDN	30-Sep-66	14-May-76
6021	NEWEDN	30-Jul-04	
6022	NEWEDN	04-Mar-05	
6023	NEWEDN	26-Feb-88	30-Jun-95
6026	NEWEDN	19-Nov-04	
6028	NEWCHT	15-Jan-71	
6030	NEWCHT	14-Aug-87	
6035	NEWEDN	28-Dec-01	
6036	NEWCHT	28-Aug-87	
6037	NEWCHT	13-Nov-87	
6038	NEWCHT	11-Sep-87	19-Sep-97

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Chart Number	Category	Edition Date	Reprint Date
6050	NEWEDN	01-Aug-86	
6100	NEWEDN	30-Mar-01	
6105	NEWEDN	21-Jun-02	
6106	NEWEDN	21-Jun-91	
6107	NEWEDN	29-Oct-99	
6108	NEWEDN	10-Nov-00	
6109	NEWEDN	15-Nov-02	
6110	NEWEDN	24-Feb-89	15-Dec-95
6111	NEWEDN	11-Mar-83	
6112	NEWCHT	06-Feb-70	25-Mar-94
6201	NEWEDN	09-Aug-02	
6205	NEWCHT	30-Jun-95	
6206	NEWEDN	15-Sep-00	
6207	NEWEDN	24-Mar-00	
6209	NEWCHT	04-Sep-70	
6211	NEWEDN	08-Feb-02	
6212	NEWEDN	08-Mar-02	
6213	NEWEDN	08-Feb-02	
6214	NEWEDN	08-Feb-02	
6215	NEWEDN	08-Feb-02	
6216	NEWEDN	08-Feb-02	
6217	NEWEDN	01-Mar-02	
6218	NEWEDN	11-Jul-03	
6240	NEWEDN	16-Jul-04	
6241	NEWEDN	06-Aug-57	28-May-82
6242	NEWEDN	13-Jun-80	01-May-92
6243	NEWEDN	10-Dec-71	17-Nov-95
6247	NEWEDN	19-Feb-93	
6248	NEWCHT	04-May-34	06-Oct-95
6249	NEWEDN	26-Nov-04	
6251	NEWEDN	26-May-00	
6258	NEWCHT	30-Dec-88	
6259	NEWCHT	23-Feb-90	
6260	NEWCHT	06-Jan-89	
6263	NEWCHT	14-Apr-89	
6264	NEWCHT	14-Apr-89	
6267	NEWCHT	09-Jul-65	28-Aug-81
6268	NEWEDN	15-Jun-62	
6269	NEWEDN	04-Nov-60	11-Mar-77
6270	NEWEDN	09-Nov-73	
6271	NEWEDN	15-Nov-02	
6272	NEWEDN	14-Sep-73	
6273	NEWEDN	28-Sep-73	
6274	NEWEDN	07-Sep-73	
6281	NEWEDN	02-Jun-00	
6285	NEWCHT	03-Jun-88	
6286	NEWEDN	06-Sep-02	
6287	NEWEDN	07-Jun-02	
6310	NEWEDN	04-May-73	17-Feb-78

Chart Number	Category	Edition Date	Reprint Date
6311	NEWCHT	17-Aug-62	
6341	NEWEDN	16-Jan-04	
6354	NEWCHT	09-Nov-50	
6355	NEWEDN	09-Feb-72	
6356	NEWCHT	30-Oct-49	
6357	NEWCHT	28-Feb-50	13-Apr-73
6358	NEWEDN	18-May-49	28-Jan-72
6359	NEWEDN	24-May-68	
6360	NEWCHT	17-Apr-48	
6368	NEWCHT	16-Jun-58	06-Aug-76
6369	NEWEDN	24-May-85	
6370	NEWEDN	03-Aug-90	
6371	NEWEDN	01-Mar-74	
6390	NEWEDN	08-Feb-80	
6408	NEWEDN	25-Oct-02	
6409	NEWEDN	25-Oct-02	
6410	NEWEDN	25-Oct-02	
6411	NEWEDN	29-Apr-05	
6412	NEWEDN	29-Apr-05	
6413	NEWEDN	25-Oct-02	
6414	NEWEDN	29-Apr-05	
6415	NEWEDN	29-Apr-05	
6416	NEWEDN	29-Apr-05	
6417	NEWEDN	25-Oct-02	
6418	NEWEDN	25-Oct-02	
6419	NEWEDN	29-Apr-05	
6420	NEWEDN	25-Oct-02	
6421	NEWEDN	29-Apr-05	
6422	NEWEDN	29-Apr-05	
6423	NEWEDN	29-Apr-05	
6424	NEWEDN	29-Apr-05	
6425	NEWEDN	29-Apr-05	
6426	NEWEDN	16-Jan-04	
6427	NEWEDN	29-Apr-05	
6428	NEWEDN	29-Apr-05	
6429	NEWEDN	16-Jan-04	
6430	NEWEDN	16-Jan-04	
6431	NEWEDN	25-Oct-02	
6432	NEWEDN	29-Apr-05	
6433	NEWEDN	25-Oct-02	
6434	NEWEDN	29-Apr-05	
6435	NEWEDN	29-Apr-05	
6436	NEWEDN	25-Oct-02	
6437	NEWEDN	25-Oct-02	
6438	NEWEDN	25-Oct-02	
6441	NEWEDN	25-Oct-02	
6451	NEWEDN	25-Oct-02	
6452	NEWEDN	25-Oct-02	
6453	NEWEDN	25-Oct-02	

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Chart Number	Category	Edition Date	Reprint Date
6454	NEWEDN	16-Jan-04	
6455	NEWEDN	16-Jan-04	
6505	NEWCHT	05-Apr-85	28-Feb-86
6506	NEWCHT	12-Apr-85	21-Feb-86
7000	NEWEDN	16-Jan-04	
7010	NEWEDN	12-Jan-79	04-Mar-88
7011	NEWEDN	02-Sep-83	
7050	NEWEDN	03-Feb-89	
7051	NEWEDN	14-Dec-73	08-Aug-86
7052	NEWEDN	10-Jun-66	19-Jul-85
7053	NEWEDN	10-Apr-70	08-Apr-94
7065	NEWEDN	31-May-63	30-Dec-83
7066	NEWEDN	21-Jun-63	30-Aug-85
7067	NEWEDN	30-Apr-71	18-May-90
7071	NEWEDN	31-Jul-64	08-Sep-78
7072	NEWEDN	30-Apr-71	25-Jul-97
7082	NEWEDN	20-Feb-04	
7083	NEWEDN	15-Jun-84	
7103	NEWEDN	05-Aug-77	
7121	NEWEDN	16-May-03	
7122	NEWEDN	19-Oct-62	06-Sep-85
7125	NEWEDN	20-Jun-03	
7126	NEWEDN	08-Mar-54	13-Aug-93
7127	NEWEDN	15-Aug-03	
7134	NEWCHT	23-Jul-93	
7135	NEWEDN	07-Mar-58	14-Dec-79
7136	NEWCHT	23-Jul-93	
7150	NEWEDN	09-Jul-65	01-Oct-82
7170	NEWEDN	18-Apr-75	23-Dec-83
7171	NEWEDN	15-Apr-60	08-Sep-78
7180	NEWEDN	11-Aug-78	
7181	NEWCHT	22-Feb-63	04-May-84
7184	NEWCHT	10-Jul-64	16-Dec-77
7185	NEWEDN	08-Apr-60	27-Apr-84
7193	NEWCHT	10-May-63	10-Mar-78
7194	NEWEDN	20-Mar-81	
7195	NEWCHT	23-Jul-93	
7212	NEWEDN	11-Jan-85	
7220	NEWEDN	02-Nov-79	16-Mar-84
7292	NEWCHT	30-Jan-62	27-Sep-85
7302	NEWEDN	18-Aug-78	09-Nov-90
7304	NEWCHT	17-Feb-78	06-Sep-85
7310	NEWCHT	11-Jul-86	
7371	NEWEDN	14-Dec-73	27-Mar-81
7404	NEWEDN	17-May-63	02-Sep-83
7405	NEWEDN	01-Oct-82	
7411	NEWEDN	13-Apr-73	29-Sep-89
7430	NEWEDN	21-May-76	07-Oct-83
7465	NEWEDN	28-Feb-57	02-Aug-91

Chart Number	Category	Edition Date	Reprint Date
7481	NEWCHT	21-Aug-92	
7482	NEWCHT	21-Aug-92	
7485	NEWCHT	17-Mar-89	
7486	NEWCHT	10-Feb-89	
7487	NEWCHT	10-Jul-87	
7488	NEWCHT	08-Mar-91	
7489	NEWCHT	28-Aug-92	
7502	NEWEDN	31-Jul-98	
7511	NEWEDN	29-Dec-89	
7512	NEWCHT	05-Jul-85	
7520	NEWCHT	01-Jun-84	
7521	NEWCHT	01-Jun-84	
7527	NEWEDN	29-Dec-00	
7540	NEWCHT	07-Jan-83	
7552	NEWEDN	27-Mar-98	
7565	NEWCHT	04-Oct-96	
7566	NEWCHT	22-Jun-90	
7568	NEWCHT	05-Jul-85	
7569	NEWCHT	05-Jul-85	
7570	NEWCHT	02-May-86	
7571	NEWCHT	11-Apr-86	
7572	NEWCHT	02-May-86	
7573	NEWCHT	25-Feb-00	
7575	NEWCHT	06-Mar-92	
7578	NEWCHT	27-Jan-95	
7600	NEWCHT	26-Jul-85	
7608	NEWEDN	04-Jun-76	04-Mar-83
7620	NEWCHT	02-May-97	
7621	NEWCHT	02-May-97	
7646	NEWEDN	14-Feb-03	
7661	NEWCHT	14-Mar-86	
7662	NEWEDN	14-Nov-03	
7663	NEWEDN	25-Apr-97	
7664	NEWCHT	28-Feb-86	
7665	NEWCHT	13-Jun-86	
7666	NEWCHT	28-Feb-86	
7667	NEWCHT	14-Mar-86	
7668	NEWCHT	18-May-90	
7669	NEWCHT	18-May-90	
7685	NEWCHT	28-Feb-86	
7686	NEWCHT	27-Mar-81	19-Jan-90
7687	NEWCHT	05-Aug-83	
7710	NEWEDN	13-Jun-97	
7725	NEWEDN	22-Jun-84	
7731	NEWEDN	25-May-84	
7736	NEWCHT	31-Dec-04	
7750	NEWEDN	13-Jun-97	
7760	NEWCHT	03-May-68	19-Aug-83
7770	NEWEDN	27-Aug-71	04-Jul-80

**SECTION 1 – Edition 06/2005  
SAFETY AND GENERAL INFORMATION**

Chart Number	Category	Edition Date	Reprint Date
7776	NEWEDN	30-May-97	
7777	NEWEDN	30-May-97	
7778	NEWEDN	13-Jun-97	
7779	NEWEDN	13-Jun-97	
7780	NEWCHT	06-Jul-90	
7782	NEWEDN	13-Jun-97	
7783	NEWEDN	13-Jun-97	
7784	NEWCHT	03-Jul-98	
7791	NEWCHT	17-Dec-04	
7792	NEWCHT	06-Feb-04	
7793	NEWCHT	10-Jan-03	
7832	NEWEDN	19-Feb-71	06-Mar-81
7920	NEWEDN	27-Apr-84	23-May-86
7930	NEWEDN	18-May-84	
7935	NEWEDN	21-Jun-85	
7940	NEWEDN	27-Apr-79	20-Sep-85
7941	NEWCHT	05-Jan-73	14-Mar-86
7950	NEWEDN	03-May-85	

Chart Number	Category	Edition Date	Reprint Date
7951	NEWEDN	24-Feb-84	
7952	NEWEDN	17-Mar-72	27-Jul-84
7953	NEWEDN	05-Apr-96	
7954	NEWCHT	17-May-74	17-Jun-83
7980	NEWCHT	16-Jan-87	
8005	NEWEDN	20-Jun-03	
8006	NEWEDN	14-Feb-03	
8007	NEWEDN	30-Aug-02	
8010	NEWEDN	07-Jun-02	
8011	NEWEDN	30-Aug-02	
8012	NEWEDN	11-Oct-02	
8013	NEWEDN	06-Feb-04	
8014	NEWEDN	25-Jul-03	
8015	NEWEDN	16-Nov-01	
8046	NEWEDN	23-May-03	
8047	NEWEDN	23-May-03	
8048	NEWEDN	20-Jun-03	
8049	NEWEDN	07-Mar-03	

**\*608 CANADA, WEST COAST - TRAFFIC SEPARATION SCHEMES - HARO STRAIT, BOUNDARY PASS, APPROACHES TO PUGET SOUND AND THE STRAIT OF GEORGIA.**

Reference: Notice 306(P) published in Section I, Edition 03/2005 is cancelled.

Mariners are reminded that new routing measures in Haro Strait, Boundary Pass and the approaches to Victoria as well as amended traffic separation schemes in Approaches to Puget Sound and Strait of Georgia will come into effect at **0000 hrs UTC July 01, 2005.**

Major changes coming into force are:

- a) The establishment of Precautionary Areas off of Discovery Island and around the Victoria pilot station,
- b) The reconfiguration of the traffic separation schemes off of Victoria and Discovery Island,
- c) The creation of new two-way traffic lanes in Haro Strait and Boundary Pass and the establishment of a precautionary area off of Turn Point,
- d) The reconfiguration of the precautionary area in the Strait of Georgia off of Deltaport and Tsawassen Ferry Terminal,
- e) The re-alignment of the existing northwest arm of the separation scheme in the approaches to Puget Sound to align with the new routing measures in Haro Strait.

**Notices to Mariners chart actions**

**3440 - Race Rocks to/à Darcy Island - New Edition - NAD 1983**

**3441 - Haro Strait, Boundary Pass and/et Satellite Channel - New Edition - NAD 1983.**

**3442 - North Pender Island to/à Thetis Island - New Edition - NAD 1983**

**3461 - Juan de Fuca Strait, Eastern Portion/Partie Est - New Edition - NAD 1983.**

**3462 - Juan de Fuca Strait to/à Strait of Georgia - New Edition - NAD 1983.**

**3463 - Strait of Georgia, Southern Portion/Partie Sud - New Edition - NAD 1983.**

**3492 - Roberts Bank - New Edition - NAD 1983**

**3601 - Juan de Fuca Strait to/à Vancouver Harbour - New Edition - NAD 1983.**



**SECTION 1 – Edition 06/2005**  
**SAFETY AND GENERAL INFORMATION**

New editions of the relevant charts are available from the Canadian Hydrographic Service chart sales and distribution office and from chart dealers. Mariners should familiarize themselves with the new and amended routing systems and ensure that the latest up-to-date editions are on board. Particular attention should be paid to other vessels in the vicinity that may not yet be familiar with the new routing measures.

**\*609 CANADA, WEST COAST - TRAFFIC SEPARATION SCHEMES - APPROACHES TO VANCOUVER.**

Reference: Notice 307(P) published in Section I, Edition 03/2005 is cancelled.

Mariners are reminded that amended routing measures in the approaches to Vancouver will come into effect at **0000 hrs UTC July 01, 2005**.

Major changes coming into force are:

- a) The establishment of a new precautionary area off of the south entrance to the Fraser River,
- b) Removal of the traffic separation scheme north-west of Point Grey, and the reconfiguration of the surrounding precautionary areas,
- c) Reconfiguration of the traffic separation scheme off of Sturgeon Bank to align with the precautionary areas.

Notices to Mariners chart actions

**3463 - Strait of Georgia, Southern Portion/Partie Sud - New Edition - NAD 1983**

**3481 - Approaches to/Approches à Vancouver Harbour - New Edition - NAD 1983**

**3526 - Howe Sound - New Edition - NAD 1983**

New editions of the relevant charts are available from the Canadian Hydrographic Service chart sales and distribution office and from chart dealers. Mariners should familiarize themselves with the new and amended routing systems and ensure that the latest up-to-date editions are on board. Particular attention should be paid to other vessels in the vicinity that may not yet be familiar with the new routing measures.

**\*610(P) VANCOUVER ISLAND - LIGHTS BE DISCONTINUED.**

Reference chart: 3494

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

CN Railway Bridge Northeast light (L.L. 409) (49° 17'43.3"N 123° 01' 27.7"W).  
CN Railway Bridge Southeast light (L.L.409.1) (49° 17'38.5"N 123° 01' 28"W).  
CN Railway Bridge Southwest light (L.L. 409.2) (49° 17'38.7"N 123° 01' 28.6"W).  
CN Railway Bridge Northwest light (L.L. 409.3) (49° 17'43.3"N 123° 01' 28.5"W).

Comments on this action are solicited from mariners and other interested parties, and should be directed to Superintendent, Aids to Navigation Program, Canadian Coast Guard Base, 25 Huron Street, Victoria, B.C., V8V 4V9, Telephone: (250) 480-2602, within three months from the date of publication of this Notice. Any objections raised must state the facts on which they are based and should include supporting information on safety, commerce and public benefit.

**SECTION 2 – Edition 06/2005  
CHART CORRECTIONS**

**3311 - Howe Sound to/à Pender Harbour - Sheet 3 - New Edition - 31-DEC-1993 - NAD 1983**

10-JUN-2005 LNM/D. 08-APR-2005  
Amend F Fl to read FI 49°28'03.0"N 123°54'44.0"W  
DFO(6201242-01)

**3312 - Cordero Channel - Eastern Part/Partie Est - Sheet 26 - New Chart - 31-JAN-1986 - NAD 1927**

24-JUN-2005 LNM/D. 15-APR-2005  
Delete For hourly tidal streams in this area, see "Atlas of Tidal Current Charts,  
Yuculta Rapids, Cordero Channel". 50°23'05.0"N 125°11'25.0"W  
Pour les courants de marées horaires dans cette zone, voir «Atlas of Tidal  
Current Charts, Yuculta Rapids, Cordero Channel».  
DFO(6201256-01)

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

24-JUN-2005 LNM/D. 10-JUN-2005  
Add wreck WK with known depth of 10.5 metres 49°11'54.2"N 123°56'51.4"W  
DFO(6201255-01)

**3313 - Victoria Harbour - Sheet 3 - New Chart - 28-JUL-1995 - NAD 1983**

10-JUN-2005 LNM/D. 28-JAN-2005  
Add yellow lighted pillar buoy FI Y 48°25'26.9"N 123°23'13.1"W  
DFO(6201243-01)

**3443 - Thetis Island to/à Nanaimo - New Edition - 20-DEC-2002 - NAD 1983**

24-JUN-2005  
Add wreck WK with known depth of 10.5 metres 49°11'54.2"N 123°56'51.4"W  
DFO(6201255-01)

**3458 - Approaches to/Approches à Nanaimo Harbour - New Edition - 10-MAR-1995 - NAD 1983**

24-JUN-2005 LNM/D. 02-AUG-2002  
Add wreck WK with known depth of 10.5 metres 49°11'54.2"N 123°56'51.4"W  
DFO(6201255-01)

**3493 - Vancouver Harbour, Western Portion/Partie Ouest - New Edition - 18-DEC-1998 - NAD 1983**

24-JUN-2005 LNM/D. 27-AUG-2004  
Delete legend Constr (2001) 49°17'23.0"N 123°06'21.0"W  
DFO(6201253-01)  
  
Replace work under construction with quay joining 49°17'20.3"N 123°06'32.3"W  
49°17'23.4"N 123°06'23.9"W  
49°17'23.7"N 123°06'24.1"W  
and 49°17'22.0"N 123°06'37.8"W  
DFO(6201253-02)

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

10-JUN-2005 LNM/D. 15-APR-2005  
Amend F Fl 15s 18m 16M to read FI 15s 18m 17M 49°28'03.0"N 123°54'44.0"W  
DFO(6201242-01)

**3535 - Welcome Passage - New Edition - 16-AUG-1985 - NAD 1927**

10-JUN-2005 LNM/D. 13-FEB-2004  
Amend F Fl 15s 18m to read FI 15s 18m 49°28'03.9"N 123°54'39.1"W  
DFO(6201242-01)

**SECTION 2 – Edition 06/2005  
CHART CORRECTIONS**

**3543 - Dent and/et Yuculta Rapids - New Edition - 27-NOV-1992 - NAD 1983**

24-JUN-2005

Delete For hourly tidal streams in this area, see "Atlas of Tidal Current Charts, Yuculta Rapids, Cordero Channel".  
Pour les courants de marées horaires dans cette zone, voir «Atlas of Tidal Current Charts, Yuculta Rapids, Cordero Channel».

LNMD. 31-DEC-2004  
50°22'42.0"N 125°09'51.0"W

*DFO(6201256-01)*

**3724 - Caamaño Sound and Approaches/et les approches - New Edition - 23-MAY-1980 - Unknown**

03-JUN-2005

Add dangerous underwater rock of 6ft or less and legend Rep (2005) PA

LNMD. 09-JAN-2004  
52°58'43.2"N 129°30'58.4"W

*DFO(6201241-01)*

**7184 - Broughton Harbour and Landing Beach - New Chart - 10-JUL-1964 - US Standard Datum**

10-JUN-2005

Amend depth of 6.2m over artificial feature to a depth of 3 fathoms, 2 feet over artificial feature

LNMD. 08-APR-2005  
67°33'35.0"N 064°02'00.0"W

*DFO(6602316-01)*

**SECTION 4 – Edition 06/2005**  
**SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS**

British Columbia, Volume 1, Seventeenth Edition, 2004 —

- Page 21 — Paragraph 325, line 4  
Delete: four  
(P2005-20.01)
- Page 22 — Paragraph 344, line 3  
Delete: Channel 73  
Replace by: Channel 18A  
(P2005-20.02)
- Page 22 — Paragraph 344, line 5  
Delete: Channel 73  
Replace by: Channel 18A  
(P2005-20.03)
- Page 22 — Paragraph 346, line 2  
Delete: west  
Replace by: east  
(P2005-20.04)
- Page 23 — Delete paragraph 373  
Replace by: 373 *HMCS Malahat* is a Naval Reserve unit.  
(P2005-20.05)
- Page 25 — Paragraph 374, line 1  
Delete: , close east of Island Research wharf  
(P2005-20.06)
- Page 25 — Paragraph 398, line 4 – after “4.9 m”  
Insert: A narrow section of the bridge has a vertical clearance of 5.5 m.  
(P2005-20.07)
- Page 132 — Paragraph 602, line 3  
Delete: a private light buoy,  
(P2005-18.01)
- Page 132 — Paragraph 611, line 2 – after “breakwater”  
Insert: marked with a private light  
(P2005-18.02)
- Page 133 — Paragraph 629, line 6  
Delete: McKenzie Bay (local name)  
Replace by: **McKenzie Cove**  
(P2005-18.03)
- Page 134 — Paragraph 650, lines 3 and 4  
Delete: privately operated lights and  
(P2005-18.04)
- Page 134 — Paragraph 650, line 4 – after “radar reflectors.”  
Insert: Darrell Bay ferry landing has private lights.  
(P2005-18.05)
- Page 139 — After paragraph 755  
Add: <sup>755.1</sup> **Artificial reef** — *Rivtow Lion* was sunk in 2005 close north of the fish haven as an artificial reef for divers. Built in 1940 and formerly *His Majesty's Rescue Tug Prudent* she originally worked as part of a rescue fleet in the North Atlantic. Retired from Navy service she worked from 1966 to 1985 towing log booms on the West Coast before being used as a marina breakwater. This 47 m steel hulled vessel rests bow down with a 15 degree list to port. Least depth to the funnel is 10.5 m.  
(P2005-19.01)
- Page 272 — Paragraph 484, line 3  
Delete: 4.6 m  
Replace by: 46 m  
(P2005-17.01)

**SECTION 4 – Edition 06/2005**  
**SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS**

Chart 3313, Gulf Islands, 1995 —

**Sheet 3a — VICTORIA HARBOUR**  
Under “**HARBOUR LIMITS – REGULATIONS**”  
Delete: Channel 73  
Replace by: Channel 18A

(P2005-21.1)

**SECTION 5 – Edition 06/2005**  
**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	
78 G5198	Lookout Island	49 59 52 127 26 57.4	Fl G	4s	14.4	8	White cylindrical tower, green band at top. 7.0	Year round.  <b>Chart:3683 Edn 06/05</b>
81 G5200	Gayward Rock	50 01 15.3 127 23 27.5	Q W	1s	8.3	5	White cylindrical tower. 5.2	Year round.  <b>Chart:3651 Edn 06/05</b>
335	Steveston Breakwater	On W. extremity of breakwater. 49 07 24.7 123 11 33.1	Q R	1s	6.7	4	White cylindrical tower.	Radar reflector. Year round.  <b>Chart:3490 Edn 06/05</b>
367	Shoal Point	E. end of trifurcation wall. 49 11 44.2 122 54 55.9	Q G	1s	3.1	4	Mast on a 3-pile dolphin.	Year round.  <b>Chart:3490 Edn 06/05</b>
408.6 G5468	Second Narrows Highway Bridge West	Bottom of span. 49 17 40.9 123 01 34.9	F W	.....	45.2	.....	West side of roadway.	Center light located on bottom of span. Floodlight pointed down. Maintained by B.C. Ministry of Transportation and Highways. Year round.  <b>Chart:3494 Edn 06/05</b>
410.5 G5473.4	Second Narrows East	NW. of Berry Point. 49 17 56.1 122 59 47.8	Fl G	4s	3.6	5	On centre pile of 19-pile dolphin.	Radar reflector. Year round.  <b>Chart:3494 Edn 06/05</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.

[CHSINFO@DFO-MPO.GC.CA](mailto:CHSINFO@DFO-MPO.GC.CA)

For general questions on Coast Guard programs or services, please send an e-mail message to:

[info@dfo-mpo.gc.ca](mailto:info@dfo-mpo.gc.ca)

(Please include your postal and e-mail address)

For questions regarding the content of these pages contact:

Theresa Kenney  
(613) 990-3016

[Site Administrator](#)