



# 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 in Section I 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*.

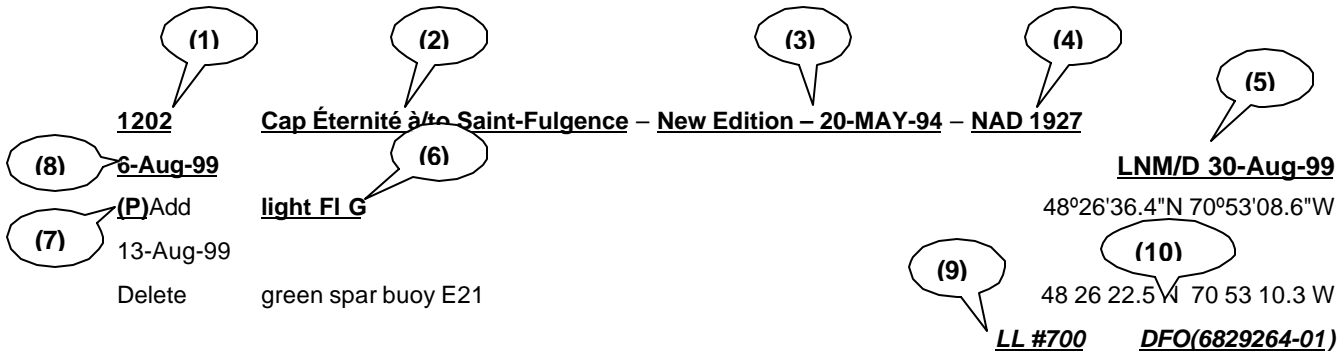
**Monthly edition of Notices to Mariners** - *Notices to Mariners* are issued free of charge on a monthly basis. Mariners now have a choice between specific *Regional* issue(s) they wish to receive. Requests to be placed on or removed from the mailing list should be made by using the form inserted on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

Pacific 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-sctm/notship/index\\_e.htm](http://www.pacific.ccg-cc.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	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

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

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) \_\_\_\_\_

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3311	9	3892	12		
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**SECTION 1 – Edition 02/2003  
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.

**\*207 CANADIAN COAST GUARD PUBLICATION - ANNUAL SUMMARY OF TEMPORARY AND PRELIMINARY NOTICES - 2003.**

The new edition of the Annual Summary of Temporary and Preliminary Notices publication is available on demand at the following address:

Canadian Coast Guard,  
Aids to Navigation,  
200 Kent St., Stn. 5N130,  
Ottawa, Ontario,  
K1A 0E6.  
Telephone: (613) 990-3037  
Facsimile: (613) 998-8424

This publication is also available on the Notices to Mariners Web site at <http://www.notmar.gc.ca>

**\*206 TRANSPORT CANADA PUBLICATIONS - SHIP SAFETY BULLETINS - 2002.**

No. 1	January 24, 2002	Defective Hydrostatic Releases
No. 2	February 11, 2002	Horizontal Chart Datums and Position Accuracy
No. 3	April 5, 2002	Solid Bulk Cargoes: Deviation from the Load Conditions and Limitations given in the Approved Loading Manual
No. 4	April 29, 2002	Impending Requirement for a VHS Radio Installation with Digital Selective Calling (VHF-DSC Radio)
No. 5	June 3, 2002	International Management Code for the Safe Operation of Ships and for Pollution Prevention.
No. 6	July 25, 2002	Passenger Safety Briefings
No. 7	August 12, 2002	Emergency Escape Breathing Devices (EEBDs)

**SECTION 1 – Edition 02/2003  
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No. 8	August 19, 2002	Engineering Certification – Updates
No. 9	August 23, 2002	Bilge Pumping Systems: Early Detection Saves Lives
No. 10	October 21, 2002	Smoke Signal – Danger of Explosion

**\*209 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 PRODUCT	
S-57 ENC NUMBER	CHART TITLE
CA570018	Seymour Narrows
CA373070	Passage Island to/à Thunder Bay
CA473111	Croil Islands to Cardinal
CA276514	Grand Bank/Grand Banc Southern Portion/Partie Sud, Atlantic Ocean/Océan Atlantique
CA579024	Saint-Jean-Port-Joli
CA479045	Lac Saint-Louis
CA479053	Tadoussac à/to Cap Éternité

**\*208 CANADIAN HYDROGRAPHIC SERVICE - CUMULATIVE CHART CORRECTION LIST.**

The accompanying correction list is a cumulative listing of charts affected by Notices to Mariners from 02-DEC-2002 to 28-FEB-2003.

Chart No.	Notices to Mariners Edition Date
1203	13-DEC-2002
1220	10-JAN-2003
1233	17-JAN-2003
1310	28-FEB-2003, 17-JAN-2003
1311	21-FEB-2003, 24-JAN-2003, 10-JAN-2003
1312	28-FEB-2003, 24-JAN-2003
1313	14-FEB-2003, 17-JAN-2003
1317	28-FEB-2003, 31-JAN-2003
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1510	14-FEB-2003, (P)17-JAN-2003, 13-DEC-2002
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1513	28-FEB-2003
1514	07-FEB-2003
L/C2000	06-DEC-2002
2007	28-FEB-2003

**SECTION 1 – Edition 02/2003  
SAFETY AND GENERAL INFORMATION**

Chart No.	Notices to Mariners Edition Date
2011	(17-JAN-2003 New Edition Advertised)
2024	31-JAN-2003
2025	31-JAN-2003, 24-JAN-2003
2026	21-FEB-2003
2028	28-FEB-2003, 24-JAN-2003
2069	28-FEB-2003
2085	06-DEC-2002
2086	(03-JAN-2003 New Edition Advertised)
L/C2110	06-DEC-2002
L/C2122	24-JAN-2003
2200	17-JAN-2003
L/C2201	03-JAN-2003
2202	28-FEB-2003, 07-FEB-2003
2203	07-FEB-2003
2218	07-FEB-2003
L/C2228	17-JAN-2003
2235	03-JAN-2003
2241	28-FEB-2003
2250	24-JAN-2003
2257	28-FEB-2003
2261	17-JAN-2003
2267	28-FEB-2003
L/C2282	28-FEB-2003, 03-JAN-2003
2283	03-JAN-2003
2291	31-JAN-2003, 03-JAN-2003
2292	21-FEB-2003, 31-JAN-2003, (P)31-JAN-2003
2297	28-FEB-2003
2298	03-JAN-2003
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L/C2302	28-FEB-2003, 24-JAN-2003
2307	24-JAN-2003
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L/C3000	14-FEB-2003
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3052	21-FEB-2003, 14-FEB-2003
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3313	14-FEB-2003, 17-JAN-2003
3415	31-JAN-2003
3440	(29-NOV-2002 New Edition Advertised)
3441	(29-NOV-2002 New Edition Advertised)
3442	(P)17-JAN-2003
3443	(20-DEC-2002 New Edition Advertised)
3447	(P)14-FEB-2003, 17-JAN-2003
3458	(P)14-FEB-2003
3459	17-JAN-2003, 03-JAN-2003
3461	(29-NOV-2002 New Edition Advertised)
3462	(29-NOV-2002 New Edition Advertised)
3463	28-FEB-2003, (29-NOV-2002 New Edition Advertised)
3481	28-FEB-2003
3490	28-FEB-2003, 14-FEB-2003
3492	(29-NOV-2002 New Edition Advertised)
L/C3512	28-FEB-2003, 17-JAN-2003
3513	17-JAN-2003
3527	17-JAN-2003
3534	14-FEB-2003, 17-JAN-2003
3601	(29-NOV-2002 New Edition Advertised)
3602	(29-NOV-2002 New Edition Advertised)
3603	17-JAN-2003

**SECTION 1 – Edition 02/2003  
SAFETY AND GENERAL INFORMATION**

Chart No.	Notices to Mariners Edition Date
3606	(29-NOV-2002 New Edition Advertised)
3670	06-DEC-2002
3671	06-DEC-2002
3674	17-JAN-2003
3720	14-FEB-2003
3726	14-FEB-2003, 17-JAN-2003
3728	14-FEB-2003
3733	14-FEB-2003
3738	14-FEB-2003
3744	14-FEB-2003, 17-JAN-2003
3787	14-FEB-2003
3794	(30-AUG-2002 New Edition Advertised)
3802	(T)27-DEC-2002, (29-NOV-2002 Reprint Advertised)
3807	14-FEB-2003
3809	28-FEB-2003
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4020	(26-JUL-2002 New Edition Advertised)
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4023	06-DEC-2002, (27-DEC-2002 New Edition Advertised)
4024	20-DEC-2002, 13-DEC-2002, 06-DEC-2002
L/C4025	31-JAN-2003, 20-DEC-2002
4124	14-FEB-2003
4140	(15-NOV-2002 New Edition Advertised)
4142	07-FEB-2003
4145	14-FEB-2003
4210	14-FEB-2003
4211	07-FEB-2003
4235	28-FEB-2003, (T)28-FEB-2003
L/C4240	07-FEB-2003
4241	14-FEB-2003, (08-NOV-2002 New Edition Advertised)
L/C4242	14-FEB-2003
4243	(11-OCT-2002 New Edition Advertised)
4245	28-FEB-2003
4255	14-FEB-2003
4266	17-JAN-2003
4307	(29-NOV-2002 New Edition Advertised)
4308	31-JAN-2003
4335	31-JAN-2003
4365	(06-DEC-2002 New Edition Advertised)
L/C4367	14-FEB-2003
4374	(08-NOV-2002 New Edition Advertised)
4375	(11-OCT-2002 New Edition Advertised)
4379	07-FEB-2003

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SAFETY AND GENERAL INFORMATION**

Chart No.	Notices to Mariners Edition Date
4394	(26-JUL-2002 New Edition Advertised)
L/C4403	14-FEB-2003, 17-JAN-2003
4404	28-FEB-2003
4419	(22-NOV-2002 New Edition Advertised)
4420	24-JAN-2003
4421	(20-DEC-2002 New Edition Advertised)
4422	17-JAN-2003
4425	(01-NOV-2002 New Edition Advertised)
4429	(04-OCT-2002 New Edition Advertised)
4430	20-DEC-2002
4432	31-JAN-2003
4448	(13-DEC-2002 New Edition Advertised)
4456	31-JAN-2003
4459	(T)17-JAN-2003
4468	17-JAN-2003
4486	(T)24-JAN-2003
4491	(13-DEC-2002 New Edition Advertised)
4492	(08-NOV-2002 New Edition Advertised)
4511	(20-DEC-2002 New Edition Advertised)
4512	24-JAN-2003
4518	(08-NOV-2002 New Edition Advertised)
4519	(09-AUG-2002 New Edition Advertised)
4523	(20-DEC-2002 New Edition Advertised)
4530	21-FEB-2003, 27-DEC-2002
4531	27-DEC-2002
4616	27-DEC-2002
4624	27-DEC-2002
4634	14-FEB-2003, 07-FEB-2003, 24-JAN-2003
4635	07-FEB-2003
4640	07-FEB-2003
4642	(08-NOV-2002 New Edition Advertised)
4643	07-FEB-2003
4654	(22-NOV-2002 New Edition Advertised)
4669	(06-DEC-2002 New Edition Advertised)
4679	(29-NOV-2002 New Edition Advertised)
4680	24-JAN-2003
4682	24-JAN-2003
4701	(13-DEC-2002 New Edition Advertised)
4722	(22-NOV-2002 New Edition Advertised)
4724	(04-OCT-2002 New Edition Advertised)
4728	(22-NOV-2002 New Edition Advertised)
4744	(20-DEC-2002 New Edition Advertised)
4824	(25-OCT-2002 New Chart Advertised)
4830	(08-NOV-2002 New Edition Advertised)
L/C4832	24-JAN-2003
L/C4846	28-FEB-2003
4847	17-JAN-2003
L/C4850	21-FEB-2003
L/C4851	14-FEB-2003, 20-DEC-2002
4852	14-FEB-2003, 20-DEC-2002
4863	(P)07-FEB-2003
4865	(P)07-FEB-2003
4885	07-FEB-2003
4906	17-JAN-2003
4911	28-FEB-2003, 17-JAN-2003
4912	(P)24-JAN-2003
4921	21-FEB-2003, 14-FEB-2003, 13-DEC-2002
4950	(23-AUG-2002 New Chart Advertised)
L/C4951	21-FEB-2003, 27-DEC-2002

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SAFETY AND GENERAL INFORMATION**

Chart No.	Notices to Mariners Edition Date
L/C4952	21-FEB-2003, 06-DEC-2002
L/C5023	21-FEB-2003
5052	28-FEB-2003
5397	24-JAN-2003
5398	24-JAN-2003
5399	24-JAN-2003
5449	24-JAN-2003
5641	06-DEC-2002
5642	06-DEC-2002
6037	28-FEB-2003
6109	(15-NOV-2002 New Edition Advertised)
6213	28-FEB-2003
6243	24-JAN-2003
6249	28-FEB-2003
6251	28-FEB-2003
6286	28-FEB-2003
6408	(25-OCT-2002 New Edition Advertised)
6409	(25-OCT-2002 New Edition Advertised)
6410	(25-OCT-2002 New Edition Advertised)
6411	(25-OCT-2002 New Edition Advertised)
6412	(25-OCT-2002 New Edition Advertised)
6413	(25-OCT-2002 New Edition Advertised)
6414	(25-OCT-2002 New Edition Advertised)
6415	(25-OCT-2002 New Edition Advertised)
6416	(25-OCT-2002 New Edition Advertised)
6417	(25-OCT-2002 New Edition Advertised)
6418	(25-OCT-2002 New Edition Advertised)
6419	(25-OCT-2002 New Edition Advertised)
6420	(25-OCT-2002 New Edition Advertised)
6421	(25-OCT-2002 New Edition Advertised)
6422	(25-OCT-2002 New Edition Advertised)
6423	(25-OCT-2002 New Edition Advertised)
6424	(25-OCT-2002 New Edition Advertised)
6425	(25-OCT-2002 New Edition Advertised)
6426	(25-OCT-2002 New Edition Advertised)
6427	(25-OCT-2002 New Edition Advertised)
6428	(25-OCT-2002 New Edition Advertised)
6429	(25-OCT-2002 New Edition Advertised)
6430	(25-OCT-2002 New Edition Advertised)
6431	(25-OCT-2002 New Edition Advertised)
6432	(25-OCT-2002 New Edition Advertised)
6433	(25-OCT-2002 New Edition Advertised)
6434	(25-OCT-2002 New Edition Advertised)
6435	(25-OCT-2002 New Edition Advertised)
6436	(25-OCT-2002 New Edition Advertised)
6437	(25-OCT-2002 New Edition Advertised)
6438	(25-OCT-2002 New Edition Advertised)
6441	(25-OCT-2002 New Edition Advertised)
6451	(25-OCT-2002 New Edition Advertised)
6452	(25-OCT-2002 New Edition Advertised)
6453	(25-OCT-2002 New Edition Advertised)
6454	(25-OCT-2002 New Edition Advertised)
6455	(25-OCT-2002 New Edition Advertised)
7569	28-FEB-2003
7664	06-DEC-2002
L/C8005	14-FEB-2003
8010	(07-JUN-2002 New Edition Advertised)
L/C8014	21-FEB-2003



**SECTION 1 – Edition 02/2003  
SAFETY AND GENERAL INFORMATION**

**\*211(T) CANADA - TEMPORARY DEGRADED DGPS SERVICE.**

Reference : Notice 110(T)/2003 cancelled.

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 Feb.– 03 Mar.	4 – 10 March	11–17 March	18–24 March	25–31 March
Newfoundland	0619 – 0658	0550 – 0629	0522 – 0600	0453 – 0531	0424 – 0503
Maritimes	0619 – 0659	0550 – 0631	0522 – 0602	0453 – 0533	0424 – 0505
Québec	0623 – 0716	0554 – 0647	0525 – 0619	0457 – 0550	0428 – 0521
Central & Arctic	0649 – 0723	0620 – 0655	0551 – 0626	0523 – 0557	0454 – 0528
Pacific	Not affected	Not affected	Not affected	Not affected	Not affected

**\*210 CANADIAN HYDROGRAPHIC SERVICE - CHART.**

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
<b>New Edition</b>	All temporary and preliminary notices affecting the previous version of the following chart is now cancelled. For any outstanding notices please consult section 2 of this edition.				
3443	Thetis Island to/à Nanaimo	1:40 000	20-DEC-2002	2	\$20.00

**SECTION 2 – Edition 02/2003  
CHART CORRECTIONS**

**L/C3000 - Juan de Fuca Strait to/à Dixon Entrance - New Edition - 20-JAN-1989 - NAD 1927**

14-FEB-2003 LNM/D. 29-NOV-2002  
Delete radiobeacon marked RC 52°15'42.0"N 128°43'18.0"W  
DFO(6200492-01)

**L/C3002 - Queen Charlotte Sound to/à Dixon Entrance - New Edition - 16-DEC-1994 - NAD 1927**

14-FEB-2003 LNM/D. 25-JAN-2002  
Delete radiobeacon marked RC 52°15'42.0"N 128°43'18.0"W  
DFO(6200492-01)

**3052 - Penticton to/à Kelowna - Sheet 1 - New Edition - 07-OCT-1994 - NAD 1983**

14-FEB-2003  
Add water intake between 49°53'46.0"N 119°31'22.0"W  
and 49°53'24.1"N 119°31'49.9"W  
DFO(6200490-01)

Add pipeline sign 49°53'23.0"N 119°31'50.0"W  
DFO(6200490-02)

21-FEB-2003 LNM/D. 14-FEB-2003  
Add gas pipeline between 49°53'30.5"N 119°29'56.8"W  
and 49°52'58.5"N 119°31'25.3"W  
DFO(6200503-01)

Add pipeline sign 49°52'58.5"N 119°31'25.3"W  
DFO(6200503-02)

Add Note 49°46'24.0"N 119°31'18.0"W  
GAS PIPELINES  
Gas pipelines contain natural gas under pressure and damage to these installations could create an immediate fire hazard. Mariners are cautioned not to anchor or trawl near pipelines.  
GAZODUCS  
Les gazoducs contiennent du gaz sous pression et du dommage à ces installations pourraient créer un danger de feu immédiat. Les navires ne devraient ni mouiller ni chaluter près des pipelines.  
DFO(6200503-03)

**3052 - Kelowna to/à Vernon - Sheet 2 - New Edition - 07-OCT-1994 - NAD 1983**

14-FEB-2003  
Add water intake between 49°53'46.0"N 119°31'22.0"W  
and 49°53'24.1"N 119°31'49.9"W  
DFO(6200490-01)

Add pipeline sign 49°53'23.0"N 119°31'50.0"W  
DFO(6200490-02)

21-FEB-2003 LNM/D. 14-FEB-2003  
Add gas pipeline between 49°53'30.5"N 119°29'56.8"W  
and 49°52'58.5"N 119°31'25.3"W  
DFO(6200503-01)

Add pipeline sign 49°52'58.5"N 119°31'25.3"W  
DFO(6200503-02)

**SECTION 2 – Edition 02/2003  
CHART CORRECTIONS**

**3052 - Kelowna to/à Vernon - Sheet 2 - New Edition - 07-OCT-1994 - NAD 1983**

21-FEB-2003

Add Note

**GAS PIPELINES**

Gas pipelines contain natural gas under pressure and damage to these installations could create an immediate fire hazard. Mariners are cautioned not to anchor or trawl near pipelines.

**GAZODUCS**

Les gazoducs contiennent du gaz sous pression et du dommage à ces installations pourraient créer un danger de feu immédiat. Les navires ne devraient ni mouiller ni chaluter près des pipelines.

LNMD. 14-FEB-2003  
49°55'18.0"N 119°33'12.0"W

*DFO(6200503-03)*

**3052 - Kelowna Yacht Club - Sheet 2 - New Edition - 07-OCT-1994 - NAD 1983**

21-FEB-2003

Add gas pipeline

LNMD. 14-FEB-2003  
between 49°53'29.0"N 119°30'00.0"W  
and 49°53'23.8"N 119°30'14.0"W

*DFO(6200503-01)*

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

14-FEB-2003

Delete port day beacon

LNMD. 17-JAN-2003  
49°21'18.1"N 123°16'20.4"W  
(P2002141) *DFO(6200501-01)*

Delete port day beacon

49°21'14.8"N 123°16'20.1"W  
(P2002142) *DFO(6200502-01)*

**3313 - Haro Strait North/Nord - Sheet 6 - New Chart - 28-JUL-1995 - NAD 1983**

14-FEB-2003

Delete elevation of 4 metres (4)

LNMD. 17-JAN-2003  
48°40'53.2"N 123°19'30.0"W  
*DFO(6200489-01)*

Add depth of 3.6 metres

48°40'53.8"N 123°19'28.6"W  
*DFO(6200489-02)*

Add depth of 3.5 metres

48°40'23.4"N 123°18'51.8"W  
*DFO(6200489-03)*

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

14-FEB-2003

(P)Delete yellow spar buoy, marked PG  
A New Edition incorporating this information will be available at a later date.

LNMD. 17-JAN-2003  
49°10'11.6"N 123°56'02.9"W

*DFO(6200428-02)*

(P)Delete yellow and black South cardinal buoy, YB, marked PT  
A New Edition incorporating this information will be available at a later date.

49°10'13.0"N 123°56'05.0"W

*DFO(6200428-03)*

(P)Delete yellow and black South cardinal buoy, YB, marked Priv  
A New Edition incorporating this information will be available at a later date.

49°10'09.6"N 123°56'04.4"W

*DFO(6200428-04)*

(P)Delete black, yellow and black East cardinal buoy, BYB, marked Priv  
A New Edition incorporating this information will be available at a later date.

49°10'10.5"N 123°56'01.6"W

*DFO(6200428-05)*

**SECTION 2 – Edition 02/2003  
CHART CORRECTIONS**

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

14-FEB-2003		LNMD. 17-JAN-2003
(P)Replace	port daybeacon with pile A New Edition incorporating this information will be available at a later date.	49°10'10.6"N 123°56'02.7"W  (P2002116) DFO(6200428-01)
(P)Add	light Q, marked Priv A New Edition incorporating this information will be available at a later date.	49°10'12.0"N 123°56'02.2"W  DFO(6200428-06)
(P)Add	light Q(3)10s, marked Priv A New Edition incorporating this information will be available at a later date.	49°10'10.9"N 123°56'01.3"W  DFO(6200428-07)
(P)Add	light (Q(6)+LFI)15s, marked Priv A New Edition incorporating this information will be available at a later date.	49°10'09.3"N 123°56'02.3"W  DFO(6200428-08)
(P)Add	light Q(9)15s, marked Priv A New Edition incorporating this information will be available at a later date.	49°10'11.0"N 123°56'04.0"W  DFO(6200428-09)

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

14-FEB-2003		LNMD. 02-AUG-2002
(P)Replace	port daybeacon with pile A New Edition incorporating this information will be available at a later date.	49°10'10.4"N 123°56'03.0"W  (P2002116) DFO(6200428-01)

**3463 - Strait of Georgia, Southern Portion/Partie Sud - New Edition - 29-NOV-2002 - NAD 1983**

28-FEB-2003		
Delete	RLts(31)	49°06'33.0"N 123°18'33.0"W DFO(6200330-04)

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

28-FEB-2003		LNMD. 31-AUG-2001
Amend	FI(2)5s 33m 20M to read FI(2)5s 33m 15M	49°19'49.4"N 123°15'52.6"W (P2002094) LL(386) DFO(6200387-01)

**3490 - Fraser River/Fleuve Fraser, Sand Heads to/à Douglas Island, Compartment A-B - New Edition - 25-JUL-1997 - NAD 1983**

14-FEB-2003		LNMD. 20-JUL-2001
Delete	light FI G marked 1	49°06'20.5"N 123°18'11.4"W (P2002052) LL(313) DFO(6200299-01)
28-FEB-2003		LNMD. 14-FEB-2003
Delete	RLts(31)	49°06'23.5"N 123°18'06.0"W DFO(6200330-04)
Amend	F W FI R 5s 16m to read FI G 6s 13m	49°06'21.5"N 123°18'11.3"W DFO(6200330-03)

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

28-FEB-2003		LNMD. 17-JAN-2003
Amend	FI(2)5s 33m 20M to read FI(2)5s 33m 15M	49°19'49.1"N 123°15'52.8"W (P2002094) LL(386) DFO(6200387-01)

**SECTION 2 – Edition 02/2003  
CHART CORRECTIONS**

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

14-FEB-2003		LNMD. 17-JAN-2003
Delete	port day beacon	49°21'18.1"N 123°16'20.4"W (P2002141) DFO(6200501-01)
Delete	port day beacon	49°21'14.8"N 123°16'20.1"W (P2002142) DFO(6200502-01)

**3720 - Idol Point to Ocean Falls - New Edition - 12-FEB-1988 - NAD 1927**

14-FEB-2003		LNMD. 28-DEC-2001
Delete	fog signal	52°11'07.8"N 128°06'35.9"W (P2002029) LL(611) DFO(6200032-01)

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

14-FEB-2003		LNMD. 17-JAN-2003
Delete	radiobeacon marked RC	52°15'42.2"N 128°43'16.2"W DFO(6200492-01)

**3728 - Milbanke Sound and Approaches/et les approches - New Edition - 05-FEB-1982 - NAD 1927**

14-FEB-2003		LNMD. 19-APR-2002
Delete	radiobeacon marked RC	52°15'41.9"N 128°43'12.5"W DFO(6200492-01)

**3733 - Catala Passage - New Chart - 30-AUG-2002 - NAD 1983**

14-FEB-2003		
Delete	radiobeacon marked RC	52°15'41.2"N 128°43'18.5"W DFO(6200492-01)

**3738 - Sarah Island to Swanson Bay - New Edition - 04-FEB-1983 - NAD 1927**

14-FEB-2003		LNMD. 15-NOV-2002
Delete	rock which covers and uncovers, marked 'Rep 2002 PA' Reported rock added by NOTMAR 15-NOV-2002 does not exist.	52°53'00.7"N 128°31'24.0"W DFO(6200488-01)

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

14-FEB-2003		LNMD. 17-JAN-2003
Delete	radiobeacon marked RC	52°15'41.9"N 128°43'18.0"W DFO(6200492-01)

**3787 - Queens Sound to à Seaforth Channel - New Edition - 29-JUL-1977 - NAD 1927**

14-FEB-2003		LNMD. 18-JAN-2002
Delete	fog signal	52°11'08.7"N 128°06'35.9"W (P2002029) LL(611) DFO(6200032-01)

**3807 - Atli Inlet to à Selwyn Inlet - New Edition - 05-FEB-1999 - NAD 1983**

14-FEB-2003		LNMD. 29-SEP-2000
Delete	dangerous underwater rock of 2 metres (6 feet) or less marked PA and Rep (2000)	52°52'56.2"N 131°48'53.3"W DFO(6200496-01)
Add	rock which covers and uncovers with drying height of 0.3 metres	52°52'51.6"N 131°49'12.4"W DFO(6200496-02)

**3809 - Carpenter Bay to à Burnaby Island - New Edition - 24-AUG-1979 - NAD 1927**

28-FEB-2003		LNMD. 11-MAY-2001
Delete	orange mooring can buoy	52°25'14.1"N 131°21'28.8"W DFO(6200508-01)

**SECTION 2 – Edition 02/2003  
CHART CORRECTIONS**

**3809 - Carpenter Bay to/à Burnaby Island - New Edition - 24-AUG-1979 - NAD 1927**

28-FEB-2003		LNM/D. 11-MAY-2001
Delete	mooring barrel buoy	52°25'10.5"N 131°21'44.8"W DFO(6200508-02)

**3811 - Rockfish Harbour - New Edition - 06-DEC-1963 - Unknown**

14-FEB-2003		LNM/D. 20-JUL-2001
Delete	dangerous underwater rock of 2 metres (6 feet) or less marked PA and Rep (2000)	52°52'57.2"N 131°48'44.6"W DFO(6200496-01)

**3890 - Approaches to/Approches à Skidegate Inlet - New Chart - 14-MAR-1986 - NAD 1927**

14-FEB-2003		LNM/D. 11-AUG-2000
Delete	radio tower R Lts with elevation of 32 metres	53°14'08.9"N 131°48'28.1"W DFO(6200491-01)
Delete	radio tower R Lts	53°14'07.4"N 131°48'24.9"W DFO(6200491-02)
Delete	legend RT	53°14'00.0"N 131°48'50.0"W DFO(6200491-03)

**3891 - Skidegate Channel - New Chart - 08-SEP-1989 - NAD 1983**

28-FEB-2003		LNM/D. 17-AUG-2001
Add	port hand daybeacon	53°08'43.1"N 132°22'04.1"W (P2002044P) DFO(6200076-01)

**3891 - East Narrows and/et West Narrows - New Chart - 08-SEP-1989 - NAD 1983**

28-FEB-2003		LNM/D. 17-AUG-2001
Add	port hand daybeacon	53°08'43.1"N 132°22'04.1"W (P2002044P) DFO(6200076-01)

**3892 - Masset Harbour and/et Naden Harbour - New Chart - 13-JAN-1984 - NAD 1927**

14-FEB-2003		LNM/D. 29-JUN-2001
Delete	orange and white mooring can buoy	54°08'53.9"N 132°39'00.0"W DFO(6200494-01)
Delete	orange and white mooring can buoy	54°02'08.0"N 132°34'00.0"W DFO(6200494-02)

**3894 - Selwyn Inlet to/à Lawn Point - New Edition - 12-JUN-1998 - NAD 1983**

14-FEB-2003		LNM/D. 11-AUG-2000
Delete	legend RT	53°13'56.2"N 131°48'53.7"W DFO(6200491-03)
Replace	legend 3 Trs (43) with legend Tr (43)	53°14'04.3"N 131°48'32.6"W DFO(6200491-04)

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

14-FEB-2003		LNM/D. 17-JAN-2003
Delete	legend RT	53°14'11.0"N 131°48'58.0"W DFO(6200491-03)
Delete	radiobeacon marked RC	52°15'42.0"N 128°43'18.0"W DFO(6200492-01)
Replace	legend Trs 141ft with legend Tr 141ft	53°13'54.0"N 131°48'30.0"W DFO(6200491-04)

**SECTION 2 – Edition 02/2003  
CHART CORRECTIONS**

**3932 - Rivers Inlet - New Chart - 21-FEB-1992 - NAD 1983**

28-FEB-2003		LNMD. (274-1997)
Delete	dangerous underwater rock of 2 metres (6 feet) or less	51°33'07.0"N 127°35'58.1"W <i>DFO(6200504-01)</i>
Add	depth of 2.9 metres	51°33'05.7"N 127°35'59.6"W <i>DFO(6200504-02)</i>

**3934 - Approaches to/Approches à Smith Sound and/et Rivers Inlet - New Chart - 21-FEB-1992 - NAD 1983**

28-FEB-2003		LNMD. 20-SEP-2002
Delete	depth of 9.2 metres and legend Repd (2000)	51°24'08.4"N 127°39'06.0"W <i>DFO(6200495-01)</i>
Delete	dangerous underwater rock of 2 metres (6 feet) or less	51°33'07.0"N 127°35'58.1"W <i>DFO(6200504-01)</i>
Add	depth of 4.7 metres	51°24'03.6"N 127°39'12.0"W <i>DFO(6200495-02)</i>
Add	depth of 2.9 metres	51°33'05.7"N 127°35'59.6"W <i>DFO(6200504-02)</i>

**7569 - Barrow Strait and/et Wellington Channel - New Chart - 05-JUL-1985**

28-FEB-2003		LNMD. (310-1992)
Add	bird sanctuary	joining 73°56'27.0"N 090°00'00.0"W 73°57'27.0"N 090°05'30.0"W 73°58'00.0"N 090°17'00.0"W 73°59'30.0"N 090°22'36.0"W 74°01'00.0"N 090°25'00.0"W 74°02'42.0"N 090°25'00.0"W 74°04'54.0"N 090°21'20.0"W 74°05'45.0"N 090°17'00.0"W 74°06'30.0"N 090°06'54.0"W 74°07'00.0"N 089°58'00.0"W 74°05'30.0"N 089°48'20.0"W 74°03'00.0"N 089°43'20.0"W 74°00'00.0"N 089°45'40.0"W 73°58'12.0"N 089°49'24.0"W and 73°56'27.0"N 090°00'00.0"W <i>DFO(6600762-01)</i>
Add	legend Bird Sanctuary/ Sanctuaire d'oiseaux	74°04'24.0"N 090°10'30.0"W  <i>DFO(6600762-02)</i>

SECTION 3 – Edition 02/2003  
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 2-30**

Delete listing for McInnes Island radio beacon station.

(P2003-008)



**SECTION 4 – Edition 02/2003**  
**SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS**

British Columbia, Volume 1, Sixteenth Edition, 1999 —

Page 3 — Paragraph 19, line 3  
Delete: Strait and the Strait of Georgia.  
Replace by: Strait, the Strait of Georgia and Victoria Harbour.  
(P2003-7.1)

Page 83 — Paragraph 267, line 2  
Delete: 123°29'W  
Replace by: 123°26'W  
(P2003-10.1)

Page 86 — Paragraph 327.24, line 5  
Delete: (250) 363-3273.  
Replace by: (250) 363-3578.  
(P2003-7.2)

Page 92 — Paragraph 401, line 3  
Delete: ; is illuminated at night and  
(P2003-10.2)

Page 162 — Paragraph 122, line 2 (Re: Corrections promulgated in Monthly Editions Nos. 3/2000 and 4/2002)  
Delete: “15.9 m from ... obstruction lights.”  
Replace by: 12.7 m from a white tower.  
(P2003-3.1)

Page 210 — Paragraph 843, line 1  
Delete: — **Beacon**.  
(P2003-6.1)

Page 210 — Delete paragraph 844.  
(P2003-6.2)

Page 210 — Paragraph 845, lines 1 to 3  
Delete: “an east cardinal buoy” to end of paragraph.  
Replace by: private lighted north, south, east and west cardinal aids.  
(P2003-6.3)

Page 364 — Paragraph 32, lines 3 and 4  
Delete: It is fitted with an emergency light.  
(P2003-5.1)

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

Page 11 — Paragraph 173, lines 3 to 6  
Delete: “Vessels proceeding” to end of sentence.  
(P2002-39.1)

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

Page 20 — Delete paragraph 357.  
(P2003-8.1)

**SECTION 4 – Edition 02/2003**  
**SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS**

Page 88 — Paragraph 140, line 2  
Delete: Public **mooring buoys** are  
Replace by: A public **mooring buoy** is  
(P2003-4.1)

Page 76 — Paragraph 572, lines 4 and 5  
Delete: A survey in 1996 shows the drying flats extend further south  
and west than charted and  
(P2003-9.1)

Page 77 — Paragraph 585, line 4  
Delete: 37 feet (11.2 m)  
Replace by: 36 feet (10.9 m)  
(P2003-9.2)

Page 77 — Paragraph 585, line 8  
Delete: This wharf was not in operation in 1988.  
(P2003-9.3)

Page 77 — Paragraph 586, line 3  
Delete: 30 feet (9 m)  
Replace by: 24 feet (7.4 m)  
(P2003-9.4)

Page 77 — Paragraph 587, lines 1 and 2  
Delete: , used by the Alaska State Ferries,  
(P2003-9.5)

Page 77 — Paragraph 591, lines 6, 7 and 8  
Delete: Car and passenger ferry service is available, twice a month  
(2000) from Ketchikan, Alaska.  
(P2003-9.6)

Page 77 — Paragraph 594, lines 3 and 4  
Delete: 7 feet (2.2 m)  
Replace by: 5 feet (1.6 m)  
(P2003-9.7)

Chart 3313 — Gulf Islands, 1995 —

**Sheet 24a**

Under **AIDS TO NAVIGATION**

**Sucia Islands**

Delete: port & starboard daymarks (*US19830, 19835*)

Replace by: port & starboard buoys (*US19830, 19835*)

(P2003-2.1)

**SECTION 5 – Edition 02/2003**  
**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
2	Five Mile Point	On point. 49 33 11 117 14 34.5	Q W	1s	9.1	5	Grey mast on top of a 3- pile dolphin, red and white triangular daymark.  <b>Chart:3050</b> <b>Edn 02/03 (P03-001)</b>
4	Nine Mile Point	On S. side of W. Arm. 49 35 57.5 117 09 48	Q R	1s	6.1	.....	Grey mast on top of a 3- pile dolphin, red and white triangular daymark.  <b>Chart:3050</b> <b>Edn 02/03 (P03-002)</b>
6.4	Fraser Narrows	W. Arm of Kootenay Lake. 49 37 03 116 59 33.5	FI R	4s	5.8	.....	Grey mast on top of a 3- pile dolphin, red and white triangular daymark. 3.6  <b>Chart:3050</b> <b>Edn 02/03 (P03-003)</b>
66 G5172	<b>Cape Scott</b>	On NW. tip of Vancouver Island. 50 46 57.2 128 25 32.8	FI W	10s	69.9	19	Square skeleton tower. 9.0  Delete Emergency light. Flash 0.3 s; obs. 9.7 s. Visible from 344° through N., E. and S. to 246°. 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 02/03 (P03-004)</b>
176.5	<i>Laperouse bank ODAS light buoy 46206</i>	48 50 06 125 59 54	<i>F(5) Y</i>	20s	.....	.....	<i>Yellow, marked "46206".</i> Year round.  <b>Chart:3602</b> <b>Edn 03/02 (P03-005)</b>
177 G5279	Seabird Rocks	On largest rock. 48 45 00.6 125 09 15.6	FI W	4s	20.1	6	White cylindrical tower, red band at top.  <b>Chart:3602</b> <b>Edn 02/03 (P03-006)</b>
178 G5280	Pachena Point	On the point. 48 43 20.2 125 05 50.7	FI(2) W	7.5s	46.9	14	White cylindrical tower. 6.1  Flash 0.37 s; eclipse 1.25 s; flash 0.37 s; eclipse 5.5 s. Year round.  <b>Horn – Blast 6s; sil. 54s. Horn points 150°.</b>  <b>Chart:3602</b> <b>Edn 03/02 (P03-007)</b>
180.8	<i>Juan de Fuca Traffic Lane Separation light buoy J (U.S.)</i>	<i>W. entrance of strait. 48 29 36.8 125 00 00</i>	<i>F Y</i>	4s	.....	.....	<i>Yellow, marked "J".</i> Year round.  <b>Chart:3602</b> <b>Edn 02/03 (P02-110)</b>
180.9	<i>Juan de Fuca Traffic Lane Separation light buoy JA (U.S.)</i>	48 29 37.7 124 43 38.3	<i>F Y</i>	4s	.....	.....	<i>Yellow, marked "JA".</i> Year round.  <b>Chart:3602</b> <b>Edn 02/03 (P02-111)</b>
251.3	<i>Pat Bay ODAS light buoy 46134</i>	48 38 57.2 123 29 36.4	<i>F(5) Y</i>	10s	.....	.....	<i>Yellow, marked "46134".</i> Year round.  <b>Chart:3441</b> <b>Edn 02/03 (P01-032)</b>
313 G5402	Northside Jetty 1						Delete from List.  <b>Chart:3490</b> <b>Edn 02/03 (P02-052)</b>

**SECTION 5 – Edition 02/2003**  
**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>	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	Delete Radiobeacon. 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°.
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**Chart:3733**  
**Edn 02/03 (P03-008)**

**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.