



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

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*.

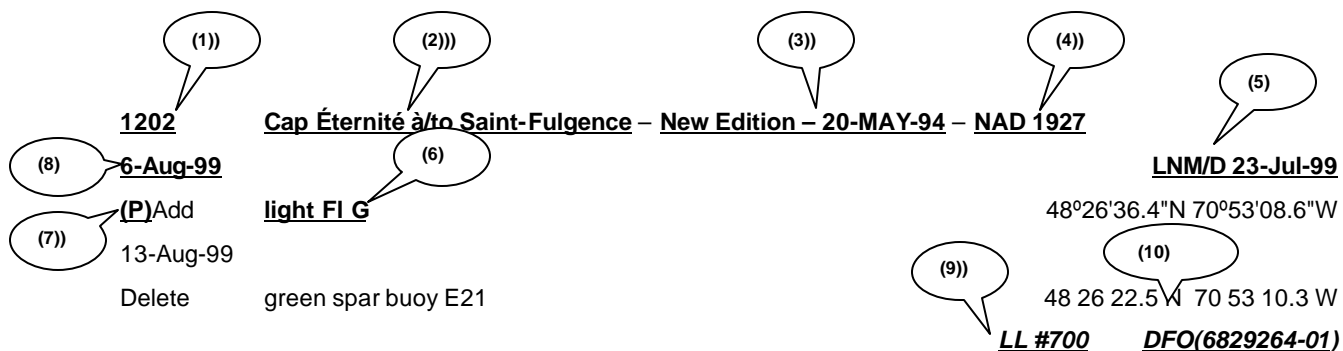
Monthly edition of Notices to Mariners - *Notices to Mariners* are issued free of charge on a monthly basis. Mariners now have a choice between specific *Regional* issue(s) they wish to receive. Requests to be placed on or removed from the mailing list should be made by using the form inserted on page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

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NUMERICAL INDEX OF CANADIAN CHARTS AFFECTED

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**SECTION 1 – Edition 07/2005
SAFETY AND GENERAL INFORMATION**

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

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/>

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 Notice to Mariners and making existing editions obsolete.

REPRINTS

A new issue of the current edition of a chart incorporating no amendments of navigational significance other than those previously promulgated in Notice to Mariners. It may also contain amendments from other sources provided they are not essential to navigation. Previous printings of the current edition remain in force.

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

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

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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 or from the internet web site 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.**

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.

*708

CANADIAN HYDROGRAPHIC SERVICE - NAUTICAL CHARTS.

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
New Chart	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.				
3412	Victoria Harbour	1:5000	17-JUN-2005	2	\$20.00
New Editions	All temporary and preliminary notices affecting the previous versions of the following charts are now cancelled. For any outstanding notices please consult section 2 of this edition.				
3440	Race Rocks to/à D'Arcy Island	1:40000	01-JUL-2005	2	\$20.00
3441	Haro Strait, Boundary Pass and/et Satellite Channel	1:40000	01-JUL-2005	2	\$20.00
3442	North Pender Island to/à Thetis Island	1:40000	01-JUL-2005	2	\$20.00
3447	Nanaimo Harbour and/et Departure Bay	1:10000	03-JUN-2005	2	\$20.00
3461	Juan de Fuca Strait, Eastern Portion/Partie Est	1:80000	01-JUL-2005	2	\$20.00
3462	Juan de Fuca Strait to/à Strait of Georgia	1:80000	01-JUL-2005	2	\$20.00

**SECTION 1 – Edition 07/2005
SAFETY AND GENERAL INFORMATION**

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
New Chart	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.				
3463	Strait of Georgia, Southern Portion/Partie Sud	1:80000	01-JUL-2005	2	\$20.00
3478	Plans - Saltspring Island	----	17-JUN-2005	2	\$20.00
3481	Approaches to/Approches à Vancouver Harbour	1:25000	01-JUL-2005	2	\$20.00
3492	Roberts Bank	1:20000	01-JUL-2005	2	\$20.00
3526	Howe Sound	1:40000	01-JUL-2005	2	\$20.00
3601	Juan de Fuca Strait to/à Vancouver Harbour	1:200000	01-JUL-2005	2	\$20.00
Chart Permanently Withdrawn					
3415	Victoria Harbour				

*709

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	CHART TITLE
S-57 ENC NUMBER	
CA470266	Approaches to/Approches à Toba Inlet
CA470267	Head of/Fond de Toba Inlet
CA570562	Victoria Harbour
CA573307	Little Current
CA576603	Bay Roberts
CA470005	North Pender Island to/à Thetis Island
CA470070	Thetis Island to/à Nanaimo
CA470072	Approaches to/Approches à Vancouver Harbour
CA470075	Race Rocks to/à D'Arcy Island
CA370141	Juan de Fuca Strait, Eastern Portion/Partie Est
CA370145	Strait of Georgia, Southern Portion/Partie Sud
CA570214	Approaches to/Approches à Oak Bay
CA570238	Fulford Harbour
CA570240	Birds Eye Cove
CA570241	Genoa Bay
CA470290	Finlayson Arm
CA570297	Roberts Bank
CA470365	Haro Strait, Boundary Pass and/et Satellite Channel (Part 1 of 2)
CA470366	Haro Strait, Boundary Pass and/et Satellite Channel (part 2 of 2)
CA370367	Juan de Fuca Strait to/a Strait of Georgia (Western Portion, Part 1 of 2)
CA370368	Juan de Fuca Strait to/a Strait of Georgia (Eastern Portion, Part 2 of 2)
CA370382	Strait of Georgia, Central Portion/Partie Centrale (Part 2 of 2)
CA573256	East Rous Island to Matheson Island
CA273313	Lancaster Sound Eastern Approaches/Approches Est
CA176030	Gulf of Maine to/à Strait of Belle Isle including/y compris Gulf of St.Lawrence/Golfe Saint-Laurent
CA576114	Long Pond
CA576282	Canso Lock and Causeway
CA376355	Approaches to Cartwright, Black Island to Tumbledown Dick Island
CA479153	Pointe du Sud-Ouest
CA570014	Victoria Harbour

**SECTION 1 – Edition 07/2005
SAFETY AND GENERAL INFORMATION**

***710 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		
New Chart	All temporary and preliminary notices affecting the previous versions of the following chart(s) (is / are) now cancelled. For any outstanding notices please consult section 2 of this edition.		
3939R/M	Fisher Channel to/à Seaforth Channel and/et Dean Channel	31-DEC-2004	See Note 2
New Edition	All temporary and preliminary notices affecting the previous versions of the following chart(s) (is / are) now cancelled. For any outstanding notices please consult section 2 of this edition.		
1221R/M	Pointe de Moisie à/to Ile du Grand Caoui	07-JAN-2005	See Note 2
1312R/M	Lac Saint-Pierre	21-JAN-2005	See Note 2
1512R/M	Ottawa to/à Smiths Falls	04-MAR-2005	See Note 2
3546R/M	Broughton Strait	15-APR-2005	See Note 2
3647R/M	Port San Juan and/et Nitinat Narrows	31-DEC-2004	See Note 2
5070R/M	Satsoak Island to/à Akuliakatak Peninsula	20-NOV-1998	See Note 2
5471R/M	Inukjuak et les Approches and Approaches	19-NOV-2004	See Note 2
6022R/M	Lake Rosseau and/et Lake Joseph	04-MAR-2005	See Note 2
6026R/M	Wahwashkesh Lake	19-NOV-2004	See Note 2

***711 CANADIAN HYDROGRAPHIC SERVICE - NON EQUIVALENT ELECTRONIC NAVIGATION CHARTS.**

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

NON EQUIVALENT PRODUCTS		
S-57 ENC NUMBER	PAPER CHART NUMBER	CHART TITLE
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'Ile 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

**SECTION 1 – Edition 07/2005
SAFETY AND GENERAL INFORMATION**

NON EQUIVALENT PRODUCTS		
S-57 ENC NUMBER	PAPER CHART NUMBER	CHART TITLE
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
CA376135	4842	Cape Pine to/au Cape St Mary's
CA376212	5143	Lake Melville
CA376230	4321	Cape Canso to Liscomb Island
CA473279	2110	Long Point Bay
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
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
CA576008	4396	Digby
CA576177	4460	Charlottetown Harbour
CA576226	4587	Fishery Products International Wharves / Quais
CA676408	4849	Irving Oil Wharf/Quai

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

**IN EFFECT JULY 31, 2005
(REVISED AND PROMULGATED QUARTERLY)**

1220	(T) 28 MAY-2004
1316	(P) 21 NOV-2003, (P) 28 NOV-2003, (P) 13 FEB -2004
1350	(P) 25 APR-2003
1351	196(T)/87, 636(P)/93, 510(P)/98
1361	1101(P)/99
1410	(P) 28 JUN-2002, (P) 27 SEP-2002
1434	(P) 03 AUG-2001
1438	(P) 20 OCT-2000
1509	(P) 17 JAN-2003
1510	(P) 30 APR-2004
LC 2110	121(P)/94
LC 2123	162(P)/94, (P) 10 AUG-2001
2181	725(T)/91, (P) 03 AUG-2001
2202	367(T)/88, (P) 28 APR-2000, (T) 31 OCT-2003
2204	(T) 24 OCT-2003, (T) 20 FEB-2004
2205	(P) 12 MAY-2000, (P) 16 JUN-2000
2218	(P) 28 APR-2000
2222	367(T)/88
2241	(P) 28 APR-2000
LC 2244	(P) 02 JUN-2000, (P) 23 JUN-2000
2250	361(P)/97
2283	(P) 31 MAR-2000, (P) 04 JAN-2002
2293	(T) 20 FEB-2004
LC 2300	(P) 21 JUN-2002, (P) 03 SEP-2004
LC 3000	2346(P)/99, (P) 28 APR-2000, (P) 03 NOV-2000, (P) 23 MAR-2001

**SECTION 1 – Edition 07/2005
SAFETY AND GENERAL INFORMATION**

**IN EFFECT JULY 31, 2005
(REVISED AND PROMULGATED QUARTERLY)**

3053	702(P)/92, (P) 19 JAN-2001
3311	(P) 05 NOV-2004
3313	(P) 30 MAY-2003
3458	(P) 14 FEB-2003
3476	(P) 30 MAY-2003
3534	(P) 05 NOV 2004
LC 3604	(P) 23 MAR-2001
3623	96(P)/97, 1945(P)/99
3891	(P) 24 AUG-2001
3955	(P) 15 SEP-2000
4001	(T) 21 NOV-2003, (T) 17 SEP-2004
4003	(T) 04 JUL-2003, (T) 21 NOV-2003
4006	(T) 21 NOV-2003
4012	(T) 09 JUL-2004
LC 4017	75(T)/94, 384(T)/95
4210	(T) 20 MAY-2005
4230	(T) 09 JUL-2004
4240	(T) 09 JUL-2004
4241	(T) 20 MAY-2005
4242	(T) 20 MAY-2005
4245	373(T)/94, 534(T)/95
4416	(T) 26 APR-2002, (T) 15 NOV-2002, (T) 29 NOV-2002, (T) 25 FEB-2005
4459	762(T)/99, (T) 04 APR-2003, (T) 17 DEC-2004
4486	(T) 04 JAN-2002, (T) 24 JAN-2003, (T) 16 MAY-2003, (T) 31 OCT-2003
4644	765(T)/98
LC 4832	413(T)/88
4847	782(T)/92
4848	782(T)/92
4849	103(T)/92
LC 4850	423(P)/94
LC 4851	64(T)/95, 384(T)/95
4863	(P) 07 FEB-2003
4865	(P) 07 FEB-2003
4911	(P) 31 MAY-2002, (P) 07 JUN-2002, (P) 21 JUN-2002, (P) 19 JUL-2002
4912	(P) 07 JUN-2002, (P) 14 JUN-2002, (P) 21 JUN-2002, (P) 24 JAN-2003
LC 4913	1316(T)/99
4920	1316(T)/99
4921	(P) 28 SEP-2001, (P) 16 APR-2004
LC 4951	(T) 29 MAR-2002, (T) 12 JUL-2002
LC 4952	(T) 17 AUG-2001, (T) 17 DEC-2004
4954	(T) 16 MAY-2003, (T) 18 JUL-2003, (T) 17 DEC-2004
4956	(P) 13 JUN-2003
6100	(P) 02-APR-2004
6242	(T) 27 APR-2001
6251	(P) 23 JUN-2000, (T) 27 APR-2001
7010	153(T)/99
LC 7011	153(T)/99
7083	847(P)/89, 1510(P)/98, 1727(P)/98
7122	(P) 25 APR-2003
7371	634(P)/96
7760	1510(P)/98, 1727(P)/98
8012	(T) 17 SEP-2004
8015	(T) 26 APR-2002

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TRANSPORT CANADA PUBLICATIONS - SHIP SAFETY BULLETINS (TP 3231) - 2005.

Ship Safety Bulletins address safety-related matters pertaining to vessels. Bulletins are available from Transport Canada's Marine Safety Directorate free of charge and are issued on an "as needed" basis. A complete list of Ship Safety Bulletins are available on Transport Canada's Web site.

If you do not have access to our Web site and wish to be included in the Ship Safety Bulletins mailing list, please send your request to the Marine Safety location provided below.

**SECTION 1 – Edition 07/2005
SAFETY AND GENERAL INFORMATION**

As of June 30, 2005, the following bulletins have been issued.

Bulletin Number	Title	Date of Creation
01/2005	The Use of Passive Anti-Roll Tanks (ART) on Small Fishing Vessels	2005-05-18

Transport Publications (TPs) New and/or Amended - 2005

Publication No.	Title	Date
TP 511E	Safe Boating Guide (New)	2005
TP 7923E	List of Ships Statistics (New)	2005
TP 8911E	Marine Engineer Cadet Training Program (Updated)	2005
TP 10655E	Approved Training Courses (Updated)	2005
TP 11710E	Standards for the Double Hull Construction of Oil Tankers (Updated)	2005
TP 14202E	Pollution Prevention Guidelines for the Operation of Cruise Ships under Canadian Jurisdiction (Updated)	2005
TP 14230E	As an employer, are you ensuring the health and safety of your employees onboard ships? (Updated)	2005
TP 14231E	Marine Occupational Health and Safety Program (Updated)	2005

Copies of these publications may be obtained from:

Marine Safety
Transport Canada
Place de Ville, Tower "C"
330 Sparks Street, 11th floor
Ottawa, Ontario, K1A 0N8

E-mail: marinesafety@tc.gc.ca

Web site: Ship Safety Bulletins: http://www.tc.gc.ca/marinesafety/bulletins/toc_e.htm
Transport Publications: <http://www.tc.gc.ca/MarineSafety/TP/menu.htm>

Phone: (613) 991-3135
Fax: (613) 990-1879

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CANADA - INFORMATION CONCERNING CANADIAN COAST GUARD VESSELS.

Commencing 16 July 2005, in addition to their traditional role, Canadian Coast Guard vessels will be utilized for Maritime Security patrols. The patrols will be conducted in Canadian waters from Les Escoumins to Thunder Bay. Canadian Coast Guard vessels dedicated to Maritime Security operations will be clearly marked as police vessels. In addition, these vessels may exhibit a flashing blue light, flashing at regular intervals at a frequency of 50 to 70 flashes per minute.

Mariners are advised that the police officers on board the Canadian Coast Guard Maritime Security vessels have the authority to stop other vessels in appropriate circumstances. Mariners must therefore heed the directions of the police and comply with any orders.

**SECTION 2 – Edition 07/2005
CHART CORRECTIONS**

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

29-JUL-2005 LNM/D. 31-DEC-2004
 Add legend Chem/Chim 48°11'00.0"N 127°20'00.0"W
 DFO(6201271-01)

3001 - Vancouver Island/Île de Vancouver, Juan de Fuca Strait to/à Queen Charlotte Sound - New Edition - 23-FEB-2001 - NAD 1927

29-JUL-2005 LNM/D. 18-FEB-2005
 Add legend Chem/Chim 48°14'00.0"N 127°04'00.0"W
 DFO(6201271-01)

3311 - Port Moody to/à Howe Sound - Sheet 1 - New Edition - 31-DEC-1993 - NAD 1983

01-JUL-2005 LNM/D. 10-JUN-2005
 Add See/Voir note 49°18'34.0"N 123°16'32.0"W
 SEPARATION SCHEME/DISPOSITIF DE SÉPARATION
 DFO(6201248-01)

Add SEPARATION SCHEME 49°19'12.0"N 123°36'48.0"W
 For the revised Traffic Separation Scheme in this area,
 see Charts 3463, 3481 or 3526.
 DISPOSITIF DE SÉPARATION
 Pour le Dispositif révisé de séparation du trafic dans
 cette zone, voir les cartes 3463, 3481 ou 3526.
 DFO(6201248-02)

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

08-JUL-2005 LNM/D. 24-JUN-2005
 Amend Chart/Carte 3415 to read Chart/Carte 3412 48°24'20.8"N 123°23'38.3"W
 DFO(6201259-02)

3313 - Approaches to/Approches à Victoria - Sheet 4 - New Chart - 28-JUL-1995 - NAD 1983

08-JUL-2005 LNM/D. 24-JUN-2005
 Amend Chart/Carte 3415 to read Chart/Carte 3412 48°24'41.0"N 123°24'46.0"W
 DFO(6201259-03)

3419 - Esquimalt Harbour - New Edition - 27-JUN-2003 - NAD 1983

08-JUL-2005 LNM/D. 28-MAY-2004
 Amend Adjoining Chart/Carte adjacente 3415 to read Adjoining Chart/Carte outside east border at 48°24'42.0"N
 adjacente 3412
 DFO(6201259-01)

3461A - Juan de Fuca Strait, Eastern Portion/Partie Est - New Edition - 01-JUL-2005 - NAD 1983

01-JUL-2005
 Amend 3461-A to read 3461 Top left
 DFO(6201252-07)

Amend 3461-A to read 3461 Bottom right
 DFO(6201252-08)

3491 - Compartment A - B - New Edition - 05-JAN-1996 - NAD 1983

22-JUL-2005 LNM/D. (1318-1999)
 Delete part of swing bridge and central pier joining 49°12'17.2"N 123°05'55.1"W
 49°12'16.4"N 123°05'55.1"W
 49°12'16.4"N 123°05'56.0"W
 49°12'15.7"N 123°05'55.9"W
 49°12'15.7"N 123°05'55.1"W
 and 49°12'15.0"N 123°05'55.1"W
 DFO(6201270-01)

**SECTION 2 – Edition 07/2005
CHART CORRECTIONS**

Delete	part of swing bridge and central pier	joining	49°12'15.0"N	123°05'53.6"W
			49°12'15.7"N	123°05'53.7"W
			49°12'15.7"N	123°05'53.0"W
			49°12'16.4"N	123°05'53.0"W
			49°12'16.4"N	123°05'53.6"W
		and	49°12'17.2"N	123°05'53.6"W
				<i>DFO(6201270-02)</i>
Delete	dolphin		49°12'16.1"N	123°05'56.3"W
				<i>DFO(6201270-03)</i>
Delete	dolphin		49°12'16.2"N	123°05'52.5"W
				<i>DFO(6201270-04)</i>
Delete	light F		49°12'16.1"N	123°05'55.9"W
				<i>DFO(6201270-05)</i>
Delete	light F		49°12'16.0"N	123°05'52.9"W
				<i>DFO(6201270-06)</i>
Delete	vertical clearance of 2.1 metres		49°12'22.6"N	123°05'54.6"W
				<i>DFO(6201270-07)</i>
Delete	legends Swing/Tournant and Closed/Fermé		49°12'23.5"N	123°06'02.8"W
				<i>DFO(6201270-08)</i>
Delete	legend Twigg Island Railway Bridge		49°12'20.0"N	123°06'04.1"W
				<i>DFO(6201270-09)</i>

3606 - Juan de Fuca Strait - New Edition - 29-NOV-2002 - NAD 1983

01-JUL-2005				LNMD. 18-FEB-2005
Add	See/Voir note		48°22'48.0"N	123°27'12.0"W
	TRAFFIC SEPARATION/SÉPARATION DU TRAFIC			<i>DFO(6201249-01)</i>
Add	TRAFFIC SEPARATION		48°29'00.0"N	123°25'12.0"W
	For the revised Traffic Separation Scheme in this area, see Charts 3440 or 3461.			
	SÉPARATION DU TRAFIC			
	Pour le Dispositif révisé de séparation du trafic dans cette zone, voir les cartes 3440 ou 3461.			
				<i>DFO(6201249-02)</i>

7053 - Padloping Island to Clyde Inlet - New Edition - 10-APR-1970 - Unknown

29-JUL-2005				LNMD. (489-1992)
Amend	note Adjoining Chart 7217 to read Adjoining Chart 7565	in north border at 67°30'00"W		<i>DFO(6602381-01)</i>
Amend	note Chart 7225 to read Chart 7565		70°20'10.0"N	068°10'24.0"W
				<i>DFO(6602381-02)</i>

SECTION 4 – Edition 07/2005
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

British Columbia, Volume 1, Seventeenth Edition, 2004 —

Page 105 — Paragraph 252, lines 4 to 7

Delete: “1900 Granville Square ... 665-9000”

Replace by: 100 The Pointe
999 Canada Place
Vancouver, B.C. V6C 3T4
Telephone (604) 665-9000
Toll free 1 888 PORTVAN
Toll free FAX 1 866 284-4271
Email customer_service@portvancouver.com
<http://www.portvancouver.com/>

(P2005-24.01)

Page 119 — Paragraph 386, lines 4 and 5

Delete: “1900-200 Granville ... 665-9000”

Replace by: 100 The Pointe
999 Canada Place
Vancouver, B.C. V6C 3T4
Telephone (604) 665-9000
Toll free 1 888 PORTVAN
Toll free FAX 1 866 284-4271
Email customer_service@portvancouver.com
<http://www.portvancouver.com/>

(P2005-24.02)

Page 120 — Delete paragraph 409

Replace by: ⁴⁰⁹ **Lights.** — Bridge abutments on the north side of the channel are marked by white pole lights (*409, 409.3*). Bridge abutments on the south side of the channel are marked by red pole lights (*409.1, 409.2*). Green lights on the centre of the lift span indicate the span is raised (*409.6, 409.7*). Red lights both side of the green lights on the centre of the lift span indicate the span is lowered (*409.4, 409.5, 409.8, 409.9*). Span lights are private.

(P2005-24.03)

Page 159 — Paragraph 182, lines 2 and 3

Delete: “A fuel ... and”

(P2005-23.01)

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

Page 15 — After paragraph 89

Insert: ^{89.1} Historical review indicates that mustard and phosgene chemical warfare agents in various containers, including munitions, was also dumped at the spoil ground centered on *48°15'N, 127°00'W*. Uncorroborated anecdotal information suggests that some of the warfare agents may have been dumped short of this intended location. Avoid anchoring or conducting seabed operations in this vicinity. See *Notices to Mariners 1 to 46 Annual Edition* Notice 37, and <http://www.wadproject.forces.gc.ca>.

^{89.2} Anyone with information concerning dumping of explosive or chemical warfare agents is urged to contact DND. Anecdotal information plays an important role in corroborating data and closing the information gaps that currently exist.

(P2005-25.01)

SECTION 4 – Edition 07/2005
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

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

- Page 95 — Paragraph 272, lines 10 and 11
Delete: Prince Rupert Fisherman’s Co-operative
Replace by: JS McMillan Fisheries (P2005-22.01)
- Page 98 — Delete paragraph 299. (P2005-22.02)
- Page 98 — Paragraph 301, lines 1 and 2
Delete: **Prince Rupert Fisherman’s Co-operative Association**
Replace by: **JS McMillan Fisheries** (P2005-22.03)
- Page 98 — Delete paragraph 302. (P2005-22.04)
- Page 98 — Delete paragraph 306. (P2005-22.05)
- Page 98 — Delete paragraph 311. (P2005-22.06)
- Page 99 — Paragraph 314, line 1
Delete: **B.C. Packers**
Replace by: **Canadian Fishing Company** (P2005-22.07)
- Page 99 — Paragraph 315, lines 1 and 2
Delete: , close NE of the B.C. Packers floats, (P2005-22.08)
- Page 100 — Lower photograph Caption
Delete: **B.C. Packers**
Replace by: **Canadian Fishing Company** (P2005-22.09)
- Page 101 — Paragraph 323, lines 1 and 2
Delete: Okabe Shipyard, close NE of Fairview Terminal, and (P2005-22.10)

SECTION 5 – Edition /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
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PACIFIC

217 G4772	New Dungeness (U.S.)	Easterly end of spit. 48 10 54.2 123 06 37	Fl W	5s	17 19.2	Red conical tower. Flash 0.5 s; eclipse 4.5 s. Year round.	Chart:3461 Edn 07/05(P05-045)
249.8	Cowichan Bay West Breakwater	West end of floating breakwater. 48 44 31.4 123 37 06	Fl G	4s	.7	3 1.9	Mast. Year round.	Chart:3478 Edn 07/05(P05-044)

**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

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

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](#)