



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 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*.

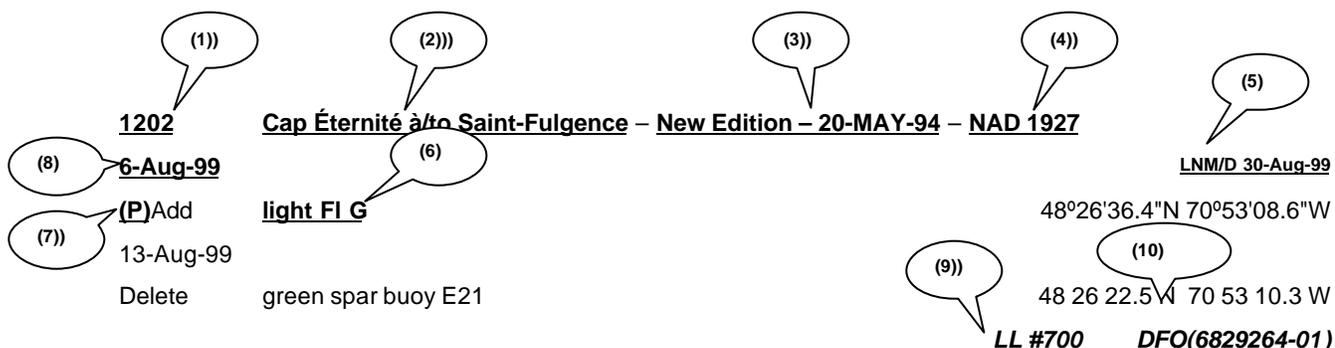
Monthly edition of Notices to Mariners - *Notices to Mariners* are issued free of charge on a monthly basis. Mariners now have a choice between specific *Regional* issue(s) they wish to receive. Requests to be placed on or removed from the mailing list should be made by using the form inserted on page *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 **LNM/D** 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-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 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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**SECTION 1 – Edition 09/2003
SAFETY AND GENERAL INFORMATION**

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

Effective October 11th, 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.

NOTICE TO USERS

Announcement Regarding Canadian Hydrographic Service Charts Purchased Between August 2002 and March 2003

We recently discovered that some Canadian Hydrographic Service charts purchased between August 2002 and March 2003 exhibit poor durability.

Such durability issues may include ink that erases too easily or flakes off, charts that don't withstand folding nor hold up as well as they should after contact with moisture. These charts can be easily identified by the existence of a white chalky coating sitting loosely on the surface of the paper. This coating can be rubbed off the paper and onto hands with normal handling. This is due to a manufacturing defect where coating was improperly applied to the paper.

Testing charts for this condition is best done by scratching a white area of the chart with a fingernail. Affected charts will leave a chalky white substance on the fingernail.

If you own any charts from this time frame that exhibit this behaviour, contact your dealer to arrange for free replacements.

We apologize for any inconvenience caused by this situation and have taken steps to prevent this from happening in the future.

***901(T) CANADA - SAFETY OF OFFSHORE EXPLORATION AND EXPLOITATION VESSELS.**

Reference: Notice published in Section 1 of Edition 10/2002 is cancelled.

2003 Annual Edition of Notices to Mariners, No. 20, pages A20-1 to A20-4.

Mariners are advised that offshore exploration and exploitation vessels may be conducting drilling operations in the following areas:

Gulf of St. Lawrence

NIL

Mainland NWT

NIL

Mackenzie Delta NWT/Beaufort Sea

NIL

Arctic Islands of the NWT/Arctic Islands of Nunavut

NIL

Eastern Arctic Offshore

NIL

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Davis Strait
NIL

For information on Nova Scotia or Newfoundland Offshore activities, please contact C-NSOPB (902)422-5588; C-NOPB (709)778-1400.

NOTE: Mariners are advised to obtain up-to-date position reports on drilling vessels and production installations before entering an area of exploration and exploitation. This information is available by contacting, as appropriate, ECAREG CANADA, NORDREG CANADA or CVTS OFFSHORE via any Marine Communications and Traffic Services Centre (MCTS).

(AMA8035-10-17)

(NEB)

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

Supersedes previous "List of charts not hand-corrected", last published in Edition #06/03.

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	2086	3062	6035	6247	6271	6357
1351	2140	3080	6036	6248	6272	6358
1361	2261	3311	6037	6249	6273	6359
1509	2266	3312	6038	6258	6274	6360
1551	2267	3313	6050	6259	6285	6368
1554	2400	3488	6101	6260	6286	6369
2011	3052	3489	6205	6263	6287	6370
2023	3053	3601	6209	6264	6311	6371
2025	3055	6023	6240	6267	6341	6390
2026	3056	6026	6241	6268	6354	6505
2048	3057	6028	6242	6269	6355	6506
2055	3058	6030	6243	6270	6356	

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 <http://www.notmar.gc.ca> or from the internet web site www.charts.gc.ca or from previous editions of the Notices to Mariners.

	1515	2022	2203	3061	6100	6215
1400	1550	2024	2204	4141	6207	6216
1510	1552	2028	2205	4142	6211	6217
1512	1553	2029	2206	4145	6212	6218
1513	1555	2044	2260	6021	6213	
1514	2021	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 au écrire à Information nautique, Service hydrographique du Canada, ministèredes Pêches et des Océans, Ottawa (Ontario) K1A 0E6. Veuillez indiquer la date de la dernière édition."

**SECTION 1 – Edition 09/2003
SAFETY AND GENERAL INFORMATION**

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.

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.

***903 CANADIAN HYDROGRAPHIC SERVICE - LIST OF HAND-CORRECTED CHARTS.**

Supersedes List of hand-corrected charts published in Edition #06/03.

The following is a list of charts, which are hand-corrected after their date of publication from information published in Notices to Mariners. CHS will provide a list of corrections for these charts on request. You can now obtain these corrections from the Internet web site NOTMAR, <http://notmar.gc.ca>

1310	2058	2225	2294	6108	6422
1311	2059	2226	2297	6109	6423
1409	2060	L/C 2228	2298	6110	6424
1410	2061	2235	2299	6111	6425
1431	2064	2241	L/C 2300	6112	6426
1432	2067	L/C 2243	L/C 2301	6201	6427
1433	2069	2244	L/C 2302	6206	6428
1434	2070	2245	2303	6251	6429
1435	2077	2250	2304	6281	6430
1436	2085	2251	2305	6310	6431
1437	L/C 2100	2257	2306	6408	6432
1438	L/C 2110	2258	2307	6409	6433
1439	L/C 2120	2259	2308	6410	6434
L/C 2000	L/C 2121	2268	2309	6411	6435
2006	L/C 2122	2273	2310	6412	6436
2007	L/C 2123	2274	2311	6413	6437
2017	2165	2282	2312	6414	6438
2018	2181	2283	2313	6415	6441
2042	2200	2284	2314	6416	6451
2043	L/C 2201	2286	2315	6417	6452
2049	2218	2289	2318	6418	6453
2050	2221	2291	6105	6419	6454
2053	2222	2292	6106	6420	6455
2054	2223	2293	6107	6421	

***904 CANADIAN HYDROGRAPHIC SERVICE - CHARTS**

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
New Editions	All temporary and preliminary notices affecting the previous version of the following chart are now cancelled. For any outstanding notices please consult section 2 of this edition.				
3419	Esquimalt Harbour	1:5 000	27-JUN-2003	2	\$20.00

***905 CANADIAN HYDROGRAPHIC SERVICE – Electronic Navigational Chart (S57).**

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.**

**SECTION 1 – Edition 09/2003
SAFETY AND GENERAL INFORMATION**

RELEASED PRODUCTS	
S-57 ENC NUMBER	CHART TITLE
CA576007	Marine Atlantic Terminal/Terminal de Marine Atlantique
CA276286	Northumberland Strait
CA576527	Canso Harbour and Inner Approaches
CA479045	Lac Saint-Louis

***906 TRANSPORT CANADA - PUBLIC PORT TARIFF INCREASES.**

Following extensive review of Transport Canada's public port system, Transport Canada is increasing its public port fees by 10% effective January 1, 2004. As such, all public port fees, except those for utilities and other services which will remain unchanged, will be increased.

These charges are applicable only to the regional/local ports and the remote ports remaining under the purview of Transport Canada. They do not apply to Canada Port Authorities, divested sites, nor facilities owned and operated by other government departments or private entities.

Transport Canada provides tariff schedules on its website for all public port charges except lettings. Typical charges include:

- Harbour Dues - A charge assessed against a vessel that comes into or uses a public port. This charge is based on the vessel's size and registry.
- Wharfage - A charge for moving cargo over a public wharf. This fees is based on cargo type with a rate per unit basis (i.e. per tonne or cubic metre).
- Berthage - A charge for occupying a berth or part thereof at a public port. The charge is based on the vessel's size and its length of stay.
- Storage - A charge for use of sheds or open space for assembling or distributing cargoes. The charge depends on space occupies and duration of use.
- Utilities and Other Services - A charge for the use of utilities and other services provided at public ports. The charge is based upon actual cost plus a percentage mark-up to cover administrative fees.

The tariff notices can be found on Transport Canada's website at <http://www.tc.gc.ca/programs/ports/menupublicportfees.htm> . For further information, please contact:

Transport Canada
Senior Advisor, Port Authorities
330 Sparks Street
Place de Ville, Tower "C"
Ottawa, Ontario
K1A 0N5
Facsimile: 613-954-0838

**SECTION 2 – Edition 09/2003
CHART CORRECTIONS**

3313 - Saanich Inlet - Sheet 13 - New Chart - 28-JUL-1995 - NAD 1983

26-SEP-2003		LNM/D. 19-SEP-2003
Delete	depth of 9.2 metres	48°38'46.5"N 123°32'44.0"W <i>DFO(6200606-01)</i>
Add	wreck Wk with known depth of 2.4 metres	48°38'45.0"N 123°32'44.1"W <i>DFO(6200606-02)</i>

3313 - Birds Eye Cove - Sheet 14 - New Chart - 28-JUL-1995 - NAD 1983

19-SEP-2003		LNM/D. 05-SEP-2003
Amend	FI G(Priv) to read FI R(Priv) On uncorrected copies no action is required. This action reverses and cancels the action advertized 07-SEP-2001. On copies that have been amended to include the action advertized 07-SEP-2001, this amendment is necessary as the lights have been reversed again.	48°48'08.7"N 123°36'07.2"W <i>DFO(6200633-01)</i>
Amend	FI R(Priv) to read FI G(Priv) On uncorrected copies no action is required. This action reverses and cancels the action advertized 07-SEP-2001. On copies that have been amended to include the action advertized 07-SEP-2001, this amendment is necessary as the lights have been reversed again.	48°48'13.0"N 123°36'11.0"W <i>DFO(6200633-02)</i>

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

05-SEP-2003		LNM/D. 29-AUG-2003
Amend	light FR (Priv) to read FY (Priv)	48°37'02.0"N 123°09'39.0"W <i>DFO(6200628-01)</i>

3313 - Roche Harbor - Sheet 6B - New Chart - 28-JUL-1995 - NAD 1983

05-SEP-2003		LNM/D. 29-AUG-2003
Amend	light FR (Priv) to read FY (Priv)	48°37'02.0"N 123°09'39.0"W <i>DFO(6200628-01)</i>
26-SEP-2003		LNM/D. 19-SEP-2003
Add	submarine cable area	joining 48°37'02.1"N 123°10'33.7"W 48°37'04.7"N 123°10'14.8"W and 48°36'58.2"N 123°10'13.0"W <i>DFO(6200634-01)</i>
Add	submarine cable area	between 48°36'52.8"N 123°10'29.2"W and 48°36'55.9"N 123°10'07.3"W <i>DFO(6200634-02)</i>

3441 - Haro Strait, Boundary Pass and/et Satellite Channel - New Edition - 29-NOV-2002 - NAD 1983

05-SEP-2003		LNM/D. 29-AUG-2003
Amend	light FR (Priv) to read FY (Priv)	48°37'02.0"N 123°09'39.0"W <i>DFO(6200628-01)</i>
26-SEP-2003		LNM/D. 05-SEP-2003
Delete	depth of 9.2 metres	48°38'46.5"N 123°32'44.0"W <i>DFO(6200606-01)</i>
Add	wreck Wk with known depth of 2.4 metres	48°38'45.0"N 123°32'44.1"W <i>DFO(6200606-02)</i>

**SECTION 2 – Edition 09/2003
CHART CORRECTIONS**

Add submarine cable area joining 48°37'02.1"N 123°10'33.7"W
48°37'04.7"N 123°10'14.8"W
and 48°36'58.2"N 123°10'13.0"W
DFO(6200634-01)

Add submarine cable area between 48°36'52.8"N 123°10'29.2"W
and 48°36'55.9"N 123°10'07.3"W
DFO(6200634-02)

3478 - Sansum Narrows - New Edition - 24-FEB-1995 - NAD 1983

19-SEP-2003 LNM/D. 11-APR-2003
Amend FI G(Priv) to read FI R(Priv) 48°48'08.7"N 123°36'07.2"W
The light returns to its original characteristic of FIR (Priv).
DFO(6200633-01)

Amend FI R(Priv) to read FI G(Priv) 48°48'13.0"N 123°36'11.0"W
The light returns to its original characteristic of FIR (Priv).
DFO(6200633-02)

3478 - Birds Eye Cove - New Edition - 24-FEB-1995 - NAD 1983

19-SEP-2003 LNM/D. 11-APR-2003
Amend FI G(Priv) to read FI R(Priv) 48°48'08.7"N 123°36'07.2"W
On uncorrected copies no action is required. This action reverses and
cancels the action advertized 07-SEP-2001.
On copies that have been amended to include the action advertized
07-SEP-2001, this amendment is necessary as the lights have been
reversed again.
DFO(6200633-01)

Amend FI R(Priv) to read FI G(Priv) 48°48'13.0"N 123°36'11.0"W
On uncorrected copies no action is required. This action reverses and
cancels the action advertized 07-SEP-2001.
On copies that have been amended to include the action advertized
07-SEP-2001, this amendment is necessary as the lights have been
reversed again.
DFO(6200633-02)

3668 - Port Alberni - New Edition - 07-APR-2000 - NAD 1983

12-SEP-2003 LNM/D. 18-APR-2003
Delete port daybeacon and radar reflector 49°14'23.3"N 124°49'23.3"W
DFO(6200631-01)

Delete port daybeacon and radar reflector 49°14'32.9"N 124°49'27.7"W
DFO(6200631-02)

Delete port daybeacon and radar reflector 49°14'42.8"N 124°49'21.6"W
DFO(6200631-03)

Delete port daybeacon and radar reflector 49°14'47.3"N 124°49'14.0"W
DFO(6200631-04)

Replace dolphin with port daybeacon 49°14'29.5"N 124°49'26.1"W
DFO(6200631-06)

Replace dolphin with starboard daybeacon 49°14'29.8"N 124°49'20.4"W
DFO(6200631-07)

Add port daybeacon 49°14'50.1"N 124°49'09.1"W
DFO(6200631-05)

**SECTION 2 – Edition 09/2003
CHART CORRECTIONS**

3682 - Kyuquot Sound - New Edition - 02-MAY-2003 - NAD 1983

19-SEP-2003

Amend Mercator to read Polyconic

49°57'20.0"N 127°07'14.0"W
DFO(6200632-01)

SECTION 4 – Edition 09/2003
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

British Columbia, Volume 1, Sixteenth Edition, 1999 —

- Page 27 — Paragraph 346, lines 2 to 4
Delete: “as determined by” to end of paragraph.
Replace by: under the authority of the *Oceans Act* (P2003-60.1)
- Page 27 — Paragraph 349, under *Interpretation*, “Department”
Delete: “Department” means the Department of Transport; (ministère) (P2003-60.2)
- Page 27 — Paragraph 349, under *Interpretation*, “fishing zones”
Delete: “of Canada” to end of paragraph.
Replace by: described in section 16 of the *Oceans Act* and prescribed in regulations made under paragraph 25(b) of that Act; (P2003-60.3)
- Page 27 — After “Great Lakes Basin”
Insert: “high speed craft” means a craft described in Regulations 1.2 and 3.1 of Chapter X of the Safety Convention; (P2003-60.4)
- Page 27 — Under “Notice to Mariners”, line 2 – after “Department”
Insert: of Fisheries and Oceans (P2003-60.5)
- Page 27 — Under “Notice to Shipping”, line 2 – after “Department”
Insert: of Fisheries and Oceans (P2003-60.6)
- Page 28 — Under *Application 3. (b) (i)*, line 1
Delete: or fishing zones (P2003-60.7)
- Page 28 — Under *Application 3. (b) (ii)*, lines 1 to 4
Delete: “a shipping safety” to end of paragraph.
Replace by: waters in the exclusive economic zone of Canada; and (P2003-60.8)
- Page 30 — Paragraph (p) (iii), line 1 – after “Department”
Insert: of Fisheries and Oceans (P2003-60.9)
- Page 35 — Under *Communications 5. (1) (a)*, line 6
Delete: *Regulations*
Replace by: *Regulatory* (P2003-60.10)
- Pages 36 and 37 — Under “waters under Canadian jurisdiction” means
Delete: sections (b) and (c)
Replace by: (b) the exclusive economic zone of Canada. (P2003-60.11)
- Page 37 — Under *Use of Documents and Publications 6. (1) (b)*, line 2
Delete: Transport
Replace by: Fisheries and Oceans (P2003-60.12)
- Page 37 — Under (c) (iii), line 2
Delete: Transport
Replace by: Fisheries and Oceans (P2003-60.13)
- Page 37 — Under (c) (iv), line 5
Delete: Transport
Replace by: Fisheries and Oceans (P2003-60.14)
- Page 37 — Under (2) (b), line 2
Delete: Transport
Replace by: Fisheries and Oceans

SECTION 4 – Edition 09/2003
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 37 — (3), line 2
Delete: substituted for
Replace by: replaced by (P2003-60.15)
- Pages 37 and 38 — Under *Exclusions*
Delete paragraphs 8. (1), (a), (b), and (2) (P2003-60.16)
- Page 39 — Paragraph 358, lines 6 and 7
Delete: Room 300, 1199 West Hastings Street,
Vancouver, B.C. V6E 4G9. (P2003-60.17)
Replace by: 1000-1130 West Pender Street,
Vancouver, B.C. V6E 4A4.
- Page 39 — Paragraph 364, line 14 (Re: Correction issued in Monthly Edition 10/99)
Delete: Hull (P2003-61.1)
Replace by: Gatineau
- Page 39 — Paragraph 366, line 4 – after “*Pollutant Substances*”
Insert: *Pollution Prevention* (P2003-60.18)
- Page 39 — Paragraph 366, line 8
Delete: \$250,000 (P2003-60.19)
Replace by: \$1,000,000 and a term of imprisonment of up to 3 years
- Page 39 — Paragraph 367, line 3
Delete: or a ship safety officer (P2003-60.20)
- Page 40 — Paragraph 372, lines 1 and 2
Delete: *Ocean Dumping Control Act and Regulations*
Replace by: *Canadian Environmental Protection Act* (P2003-60.21)
- Page 40 — Paragraph 380, line 3
Delete: and Decca (P2003-60.22)
- Page 40 — Paragraph 383, lines 3 and 4
Delete: Mercury House, Theobalds Road, London WC1X 8RX
Replace by: PO Box 150, Lymington, SO41 6WA, United Kingdom,
www.iscpc.org (P2003-59.1)
- Page 40 — Paragraph 384, line 2
Delete: Section 240 (P2003-59.2)
Replace by: Section 249
- Page 40 — Paragraph 384, lines 3 to 9
Delete: “Everyone who navigates ... to be made of such waters” (P2003-59.3)
Replace by: Every one commits an offence who operates (b) a vessel or any
water skis, surf-board, water sled or other towed object on or
over any of the internal waters of Canada or the territorial sea of
Canada, in a manner that is dangerous to the public, having
regard to all the circumstances, including the nature and
condition of those waters or sea and the use that at the time is or
might reasonably be expected to be made of those waters or sea;
- Page 40 — Paragraph 384, line 11
Delete: two years (P2003-59.4)
Replace by: a term not exceeding five years
- (P2003-59.5)

SECTION 4 – Edition 09/2003
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 90 — Paragraph 345, line 4

Delete: West cardinal

Replace by: Cautionary

(P2003-65.1)

Page 97 — Paragraph 16, lines 15 to 19

Delete: “(i) not to enter” to end of paragraph.

Replace by: (i) Not to enter the Turn Point SOA when another VTS participant of 100 meters or more in length is already located in the SOA, unless:

- 1) **When following astern a minimum .5NM (5 cables) separation is maintained with the vessel ahead**
- 2) When overtaking in the SOA with the concurrence of MCTS Victoria that there is no opposing traffic and a CPA of at least .5NM (5 cables) is maintained;
- 3) If outbound from Boundary Pass and meeting an inbound vessel from Haro Strait already in the SOA, enter only after the outbound vessel is past the vector heading of the inbound vessel engaged in the turn and maintain at least a .5NM (5 cables) CPA;
- 4) If inbound from Haro Strait and meeting an outbound vessel from Boundary Pass already in the SOA, enter only after the outbound vessel has crossed a bearing line between Turn Point and Arachne Reef and maintain at least a .5NM (5 cables) CPA.

(P2003-66.1)

Page 97 — Paragraph 16, lines 20 to 22

Delete: “(ii) when following” to end of paragraph.

Replace by: (ii) Maintain a distance off of Turn Point of at least .3NM (3 cables).

(P2003-66.2)

Page 97 — Paragraph 16, lines 23 and 24

Delete: “(iii) maintain a distance” to end of paragraph.

(P2003-66.3)

Page 97 — Paragraph 16 (c)

Delete: “All VTS participants” to end of paragraph.

Replace by: All VTS participants approaching the Turn Point SOA are expected to make safe passing arrangements with other VTS participants at either Monarch Head or Blunden Islet southbound; and Lime Kiln Light (*LL222/US19695*) or Kellett Bluff Light (*LL229/US19720*) northbound. These arrangements should be made no later than reaching CIP 6 at Gowlland Point (*LL253/US19800*) southbound, and approximately abeam Danger Shoal Light and Horn Buoy (*US19775*) northbound.

(P2003-66.4)

Page 214 — Paragraph 47, line 2

Delete: Steveston

(P2003-55.1)

Page 214 — Paragraph 47, line 2

Delete: and New Westminster

(P2003-55.2)

Page 215 — Paragraph 52, line 2 – after “Garry Point.”

Insert: A conspicuous monument is on the point 0.1 mile east of the beacon.

(P2003-55.3)

Page 215 — Paragraph 56, line 2

Delete: canning

(P2003-55.4)

SECTION 4 – Edition 09/2003
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 215 — Paragraph 56, line 5
Delete: that dries 0.2 m
(P2003-55.5)
- Page 215 — Paragraph 67, line 3
Delete: Crown Forest Industries
Replace by: Crown Packaging
(P2003-55.6)
- Page 215 — Paragraph 71, line 1
Delete: Private buoys
Replace by: A private starboard hand buoy
(P2003-55.7)
- Page 215 — Paragraph 81, line 1
Delete: **marinas**,
(P2003-55.8)
- Page 215 — Paragraph 87, line 2
Delete: Tilbury Cement
Replace by: Lehigh Northwest Cement
(P2003-55.9)
- Page 216 — Delete photograph and caption “**Sand Heads & Steveston Jetty (1986)**”
(P2003-55.10)
- Page 218 — Paragraph 98, line 1
Delete: , dredged to 3 m (1980),
(P2003-55.11)
- Page 218 — Paragraph 100, line 4
Delete: 4.3 m
Replace by: 3.4 m
(P2003-55.12)
- Page 218 — Paragraph 104, line 1 – after “daymarks,”
Insert: marking a submerged weir,
(P2003-55.13)
- Page 218 — Delete paragraph 106.
(P2003-55.14)
- Page 221 — Paragraph 131, line 2
Delete: is under construction (1997)
Replace by: has a fixed white light marking centre span
(P2003-55.15)
- Page 222 — Paragraph 140, line 2
Delete: Domtar
Replace by: Georgia Pacific
(P2003-55.16)
- Page 222 — Paragraph 140, lines 3 and 4
Delete: Fletcher Challenge Canada
Replace by: Norske Canada
(P2003-55.17)
- Page 222 — Delete paragraph 143.
(P2003-55.18)
- Page 223 — Under “Major Port Facilities — Fraser River Harbour”
Delete: Crown Forest Industries Ltd.
Replace by: Crown Packaging
(P2003-55.19)
- Page 223 — Under “Major Port Facilities — Fraser River Harbour”
Delete: Tilbury Cement Ltd.
Replace by: Lehigh Northwest Cement Ltd.
(P2003-55.20)
- Page 223 — Under “Major Port Facilities — Fraser River Harbour, Fraser Surrey Docks Berth 9” – after “container handlers”
Insert: heavy lift pad (up to 100 tons using heavy lift crane)
(P2003-55.21)

SECTION 4 – Edition 09/2003
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 223 — Under “Major Port Facilities — Fraser River Harbour” – after “Fraser Surrey Docks Berth 9”
Insert: Fraser Surrey Docks 220 11.6 To service vessels not requiring handling of cargo
Berth 10 across the dock
(P2003-55.22)
- Page 223 — Under “Major Port Facilities — Fraser River Harbour”
Delete: Domtar
Replace by: Georgia Pacific
(P2003-55.23)
- Page 223 — Under “Major Port Facilities — Fraser River Harbour”
Delete: Fletcher Challenge Canada — Fraser Mills
Replace by: Norske Canada — Fraser Mills
(P2003-55.24)
- Page 223 — Under “Major Port Facilities — Fraser River Harbour”
Delete: Fletcher Challenge Canada — Port Mann
Replace by: Norske Canada — Port Mann
(P2003-55.25)
- Page 223 — Delete paragraph 153.
(P2003-55.26)
- Page 356 — Paragraph 204, lines 3 and 4
Delete: “Two public **mooring buoys**” to end of sentence.
Replace by: A scuba diving resort is in the cove.
(P2003-61.2)
- Page 370 — After paragraph 164
Insert: 164.1 A **sport fishing lodge** is in a cove on the southeast side
of the channel.
(P2003-62.1)
- Page 370 — Paragraph 165, line 2
Delete: ruins of a
Replace by: site of a former
(P2003-62.2)
- Page 370 — Paragraph 167, lines 2 and 3
Delete: “A **mooring buoy**” to end of sentence.
(P2003-62.3)
- Page 390 — Paragraph 178, line 3
Delete: Log
Replace by: The remains of disused log
(P2003-62.4)
- Page 391 — Paragraph 181, line 5
Delete: and in the cove south of Copp Island
(P2003-62.5)
- Page 391 — Paragraph 185, lines 1 to 3
Delete: “of a logging camp” to end of sentence.
Replace by: of a former logging camp
(P2003-62.6)
- Page 391 — Paragraph 188, line 3
Delete: “has a log dump” to end of sentence.
Replace by: has the remains of a log dump and an abandoned barge at its
head, and is fronted by a booming ground.
(P2003-62.7)
- Page 391 — Paragraph 188, lines 5 and 6
Delete: “A log dump” to end of sentence.
(P2003-62.8)
- Page 391 — Paragraph 188, lines 7 and 8
Delete: “and seaplane float” to end of sentence.
Replace by: and float at its south end. A boat launch and parking area are
available, and well maintained gravel roads provide the shortest
access from Kyuquot Sound to Highway 19.
(P2003-62.9)

SECTION 4 – Edition 09/2003
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 391 — Paragraph 197, line 5
Delete: Several private floats lie in the harbour. (P2003-62.10)
- Page 391 — Paragraph 198, line 3 – after “parking lot.”
Insert: A forestry service campsite with outhouses is close to the east. (P2003-62.11)
- Page 391 — Paragraph 202, lines 2 to 4
Delete: “The buildings of a logging camp” to end of sentence. (P2003-62.12)
- Page 391 — Paragraph 203, line 3 – after “(1988).”
Add: A barge loading ramp and conveyor serving a silica mine are in the NW corner. (P2003-62.13)
- Page 391 — Paragraph 205, lines 2 to 4
Delete: “A logging camp” to end of sentence.
Replace by: Fuel tanks and a private float are on the point to the south of the river. (P2003-62.14)
- Page 409 — After paragraph 682
Insert: 682.1 **Caution.** — Extreme care must be taken when transiting the narrow channel between Dodd Island and Chalk Island. A large drying reef extending from the eastern most point of Dodd Island has resulted in a number of groundings. Drying pinnacle rocks NW of Chalk Island must also be avoided. (P2003-63.1)
- PAC 200 — General Information, Pacific Coast, First Edition, 2002 —
Page 64 — Paragraph 34, line 4
Delete: and Decca (P2003-58.1)
- Page 64 — Paragraph 37, lines 3 and 4
Delete: Mercury House, Theobalds Road, London WC1X 8RX
Replace by: PO Box 150, Lymington, SO41 6WA, United Kingdom, www.iscpc.org (P2003-58.2)
- Page 64 — Paragraph 38, line 2
Delete: Section 240
Replace by: Section 249 (P2003-58.3)
- Page 64 — Paragraph 38, lines 3 to 9
Delete: “Everyone who navigates ... to be made of such waters”
Replace by: Every one commits an offence who operates (b) a vessel or any water skis, surf-board, water sled or other towed object on or over any of the internal waters of Canada or the territorial sea of Canada, in a manner that is dangerous to the public, having regard to all the circumstances, including the nature and condition of those waters or sea and the use that at the time is or might reasonably be expected to be made of those waters or sea; (P2003-58.4)
- Page 64 — Paragraph 38, line 13
Delete: two years
Replace by: a term not exceeding five years (P2003-58.5)
- PAC 206 — Hecate Strait, Dixon Entrance, Portland Inlet and Adjacent Waters and Queen Charlotte Islands, First Edition, 2002 —
Page 11 — Paragraph 180, lines 3 and 4
Delete: The light is fitted with an emergency light.

SECTION 4 – Edition 09/2003
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

(P2003-57.1)

Chart 3313 — Gulf Islands, 1995 —

Sheet 3a

Under **AIDS TO NAVIGATION, Shoal Point**, line 2

Delete: — W cardinal buoy

Replace by: — Cautionary buoy

(P2003-64.1)

SECTION 5 – Edition 09/2003
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

180 G5288	Carmanah Point	On point. 48 36 42.4 124 45 04.8	FI W	5s	55.6	19	White octagonal tower. 9.1	Flash 0.1s; eclipse 4.9s. Year round. Chart:3606 Edn 09/03 (P03-064)
208 G5322	Pelly Island Aeronautical beacon	On S. extremity of island. 48 25 32.8 123 22 58.5	FI G Q W	4s 1s	5.8	3	White cylindrical tower, green band at top. 6.3	Year round. Operates for 60 seconds when activated by the Flight Services Station for aircraft landings and take-offs. Chart:3415 Edn 09/03
373.1	<i>Pitt Lake light buoy L15</i>	49 22 20 122 34 20	<i>F G</i>	4s	.....	.....	<i>Green, marked "L15".</i>	<i>Year round.</i> Chart:3062 Edn 09/03(P03-080)
373.2	<i>Pitt Lake light buoy L20</i>	49 22 57 122 33 47	<i>F R</i>	4s	.....	.....	<i>Red, marked "L20".</i>	<i>Year round.</i> Chart:3062 Edn 09/03 (P03-081)
373.4	<i>Pitt Lake light buoy L23</i>	49 23 00 122 33 28	<i>F G</i>	4s	.....	.....	<i>Green, marked "L23".</i>	<i>Year round.</i> Chart:3062 Edn 09/03(P03-082)
373.7	Cozen Point	49 27 56.4 122 32 11.9	Q G	1s	5.6	4	Grey mast.	Year round. Chart:3062 Edn 09/03 (P03-083)

**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.