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NOTICES TO MARINERS

PUBLICATION

WESTERN EDITION



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CANADIAN COAST GUARD

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Marine Programs Directorate
Aids to Navigation

Canada

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*.

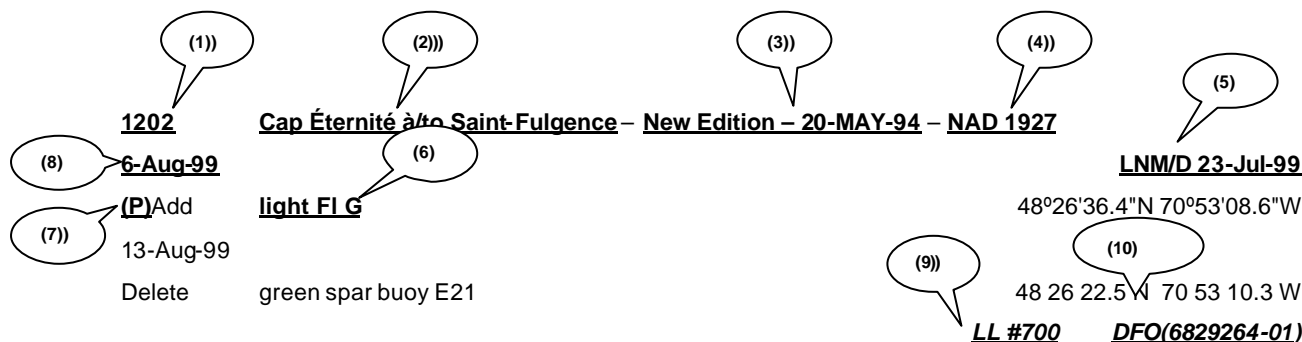
Monthly edition of Notices to Mariners - *Notices to Mariners* are issued free of charge on a monthly basis. Mariners now have a choice between specific *Regional* issue(s) they wish to receive. Requests to be placed on or removed from the mailing list should be made by using the form inserted on page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

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**SECTION 1 – Edition 01/2005
SAFETY AND GENERAL INFORMATION**

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

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

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

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

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

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

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/>

**SECTION 1 – Edition 01/2005
SAFETY AND GENERAL INFORMATION**

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 - ANNOUNCEMENT REGARDING CHART 5179 PURCHASED PRIOR TO CORRECTION DATE 2004-08-27.

The Canadian Hydrographic Service has recently discovered that chart 5179 (New Edition Oct. 10, 2003), purchased prior to Notice to Mariners correction date 2004-08-27, has a colour problem.

This chart was released with the foreshore areas printed in blue instead of green.

The Canadian Hydrographic Service will replace these charts with a corrected copy. You are asked to present your dealer with the corner of the chart, showing a correction date prior to 2004-08-27, for your free replacement.

We apologize for any inconvenience that this may cause.

***112 CANADIAN HYDROGRAPHIC SERVICE - NAUTICAL CHARTS.**

CHART	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
New Edition	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.				
3540	Approaches to/Approches à Campbell River	1:10000	29-OCT-2004	2	\$20.00
NEW PUBLICATIONS	MAIN TITLE		PUBLISHED		PRICE
	Canadian Tide and Current Tables/Tables des marées et courants du Canada Volume 1 - Atlantic Coast and Bay of Fundy/Côté de l'Atlantique et baie de Fundy		01-JAN-2005		\$20.00
	Canadian Tide and Current Tables/Tables des marées et courants du Canada Volume 2 - Gulf of St. Lawrence/Golfe du Saint-Laurent		01-JAN-2005		\$20.00
	Canadian Tide and Current Tables/Tables des marées et courants du Canada Volume 3 - St. Lawrence and Saguenay Rivers/Fleuve Saint-Laurent et rivière Saguenay		01-JAN-2005		\$20.00
	Canadian Tide and Current Tables/Tables des marées et courants du Canada Volume 4 - Arctic and Hudson Bay/L'Arctique et la baie d'Hudson		01-JAN-2005		\$20.00
	Canadian Tide and Current Tables/Tables des marées et courants du Canada Volume 5 - Juan de Fuca Strait and Strait of Georgia/Détroits de Juan de Fuca et de Georgia		01-JAN-2005		\$20.00
	Canadian Tide and Current Tables/Tables des marées et courants du Canada Volume 6 - Discovery Passage and West Coast of Vancouver Island/Discovery Passage et côte Ouest de l'île de Vancouver		01-JAN-2005		\$20.00
	Canadian Tide and Current Tables/Tables des marées et courants du Canada Volume 7 - Queen Charlotte Sound to Dixon Entrance/Queen Charlotte Sound à Dixon Entrance		01-JAN-2005		\$20.00

SECTION 1 – Edition 01/2005
SAFETY AND GENERAL INFORMATION

***113 CANADIAN HYDROGRAPHIC SERVICE - ELECTRONIC NAVIGATION CHARTS.**

Notes: (1) The following ENC products are only available from:

Nautical Data International Inc.

P.O. Box 127, Station C

St. John's, Newfoundland

A1C 5H5

Telephone: 1-800-563-0634 or 1-709-576-0634

Facsimile: 709-576-0636

(2) For licence information and rates please contact the distributor,
Nautical Data International Inc. (NDI) at the above-mentioned address.

RELEASED PRODUCTS	
S-57 ENC NUMBER	CHART TITLE
CA173289	Lake Superior/Lac Superieur
CA476079	Head of/fond de Placentia Bay
CA373262	Victoria Strait
CA373267	Queen Maud Gulf Eastern Portion
CA576064	Entrance to/Entrée à Great Bras D'Or
CA476281	Strait of Canso and/et Southern Approaches/et les approches sud
CA576343	Botwood Wharves
CA373235	Superior Shoal

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

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

NON EQUIVALENT PRODUCTS		
S-57 ENC NUMBER	PAPER CHART NUMBER	CHART TITLE
CA176030	4001	Gulf of Maine to Strait of Belle Isle au Déroit de Belle Isle
CA176140	4003	Cape Breton to/à Cape Cod
CA176290	5001	Labrador Sea/Mer du Labrador
CA273095	2200	Lake Huron/Lac Huron
CA276090	4045	Sable Island Bank/Banc de l'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/Passé Flamande
CA276204	4013	Halifax to/à Sydney
CA276236	4520	Orange Bay to/à Cape Bonavista
CA276271	4022	Cabot Strait and approaches/Déroit 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/Déroit de Northumberland
CA276367	4255	Georges Bank/Banc de Georges - Eastern Portion/Partie Est
CA276477	8013	Flemish Cap/Bonnet Flamand
CA276801	4012	Yarmouth to/à Halifax
CA373052	2244	Alexander Passage to/à Beaverstone Bay
CA373067	2304	Oiseau Bay to/à Jackfish Bay
CA376014	4242	Cape Sable Island to/aux Tusket Islands
CA376015	4846	Motion Bay to/à Cape St Francis
CA376018	4243	Tusket Islands to/à Cape St. Marys
CA376045	4240	Liverpool Harbour to/à Lockeport Harbour

SECTION 1 – Edition 01/2005
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
CA376083	4236	Taylors Head to/à Shut-in Island
CA376093	4367	Flint Island to/à Cape Smoky
CA376094	4020	Strait of Belle Isle/Détroit de Belle Isle
CA376106	4844	Cape Pine to/à Renews Harbour
CA376109	4234	Country Island to/à Barren Island
CA376120	4847	Conception Bay
CA376135	4842	Cape Pine to/au Cape St Mary's
CA376164	4625	Burin Peninsula to/à Saint-Pierre
CA376166	4626	Saint-Pierre and/et Miquelon (France)
CA376167	4363	Cape Smokey to/à St. Paul Island
CA376187	4486	Baie des Chaleurs/Chaleur Bay
CA376212	5143	Lake Melville
CA376230	4321	Cape Canso to Liscomb Island
CA376289	4098	Sable Island/Ile de Sable
CA376295	4374	Red Point to/à Guyon Island
CA376303	4375	Guyon Island to/à Flint Island
CA376340	4854	Catalina Harbour to/à Inner Gooseberry Islands
CA376355	5134	Approaches to/Approches à Cartwright
CA473252	2257	Clapperton Island to/à John Island
CA473274	2110	Long Point Bay
CA476006	4396	Annapolis Basin
CA476008	4396	Digby
CA476043	4210	Cape Sable to/a Pubnico Harbour
CA476048	4244	Wedgeport and Vicinity/et les abords
CA476089	4236	Ship Harbour and Approaches/et les approches
CA476105	4210	Pubnico Harbour (Northern Portion/partie nord) (Continuation A)
CA476125	4912	Miramichi
CA476126	4912	Miramichi River - Chatham to/à Newcastle (Continuation A)
CA476133	4911	Entrée à/ Entrance to Miramichi River
CA476168	4865	Approaches to/Approches à Lewisporte and/et Loon Bay
CA476179	4466	Hillsborough Bay
CA476190	4653	Bay of Islands
CA476202	4211	Cape Lahave to/à Liverpool Bay
CA476215	4728	Epinette Point to/à Terrington Basin
CA476221	4308	St. Peters Bay to/à Strait of Canso
CA476277	4307	Canso Harbour to/au Strait of Canso
CA476279	4530	Hamilton Sound, Eastern Portion / Partie est
CA476285	4306	Canso Lock to St. Georges Bay/Écluse de Canso à St. Georges Bay
CA476327	4596	Bay of Exploits Sheet/feuille II (Middle/centre)
CA476328	4597	Bay of Exploits Sheet/feuille III (South/sud)
CA573003	2067	Hamilton Harbour
CA573149	2226	Parry Sound Harbour
CA573150	2294	Little Current and Approaches/et les approches
CA576114	4848	Long Pond
CA576118	4848	Holyrood (Marina)

**SECTION 1 – Edition 01/2005
SAFETY AND GENERAL INFORMATION**

NON EQUIVALENT PRODUCTS		
S-57 ENC NUMBER	PAPER CHART NUMBER	CHART TITLE
CA576121	4847	Bell Island
CA576123	4847	Foxtrap
CA576177	4460	Charlottetown Harbour
CA576222	4308	Petit-de-Gras Inlet
CA576225	4587	Mortier Bay
CA576226	4587	Fishery Products International Wharves/Quais
CA576268	4920	Quai/Wharf Belledune
CA576282	4306	Canso Lock
CA576283	4306	Point Tupper to/à Ship Point
CA576301	4617	Long Harbour, Erco Wharf/Quai
CA576386	4846	St. John's Harbour
CA676408	4849	Irving Oil Wharf/Quai

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

**IN EFFECT DECEMBER 31, 2004
(REVISED AND PROMULGATED QUARTERLY)**

1220	(T) 28 MAY-2004
1312	(P) 22 FEB-2002, (P) 25 APR-2003
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
2021	747(P)/96
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
2203	(T) 19 SEP-2003, (T) 17 OCT-2003, (T) 24 OCT-2003 (T) 31 OCT-2003, (T) 20 FEB-2004
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
LC 2228	769(T)/91
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
3053	702(P)/92, (P) 19 JAN-2001
3311	(P) 05 NOV-2004
3313	(P) 30 MAY-2003
3442	(P) 17 JAN-2003
3447	(P) 15 SEP-2000, (P) 14 FEB-2003
3458	(P) 14 FEB-2003
3476	(P) 30 MAY-2003
LC 3604	(P) 23 MAR-2001
3623	96(P)/97, 1945(P)/99

SECTION 1 – Edition 01/2005
SAFETY AND GENERAL INFORMATION
IN EFFECT DECEMBER 31, 2004
(REVISED AND PROMULGATED QUARTERLY)

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
4230	(T) 09 JUL-2004
LC 4234	805(P)/92
LC 4235	805(P)/92
4240	(T) 09 JUL-2004
4245	373(T)/94, 534(T)/95
4416	(T) 26 APR-2002, (T) 15 NOV-2002, (T) 29 NOV-2002
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, (T) 19 JUL-2002
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
7733	1510(P)/98
7760	1510(P)/98, 1727(P)/98
8012	(T) 17 SEP-2004
8015	(T) 26 APR-2002

***109 CANADIAN COAST GUARD PUBLICATION - ANNUAL SUMMARY OF TEMPORARY AND PRELIMINARY NOTICES - 2005.**

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

**SECTION 1 – Edition 01/2005
SAFETY AND GENERAL INFORMATION**

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>

***110 TRANSPORT CANADA PUBLICATIONS - SHIP SAFETY BULLETINS (TP-3231) - 2004.**

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. We ask your cooperation in distributing copies of this listing to your colleagues, to ship owners and/or maritime companies to let them know of the existence of these Bulletins.

If this is the first time you are receiving the Bulletin, your name is probably not on Transport Canada's mailing list. Should you wish to be included, please send your request to the Marine Safety location provided below.

As of December 31, 2004, the following Ship Safety Bulletins have been issued.

Bulletin Number	Title	Date of Creation
01/2004	Halon Fire Extinguishing Systems Servicing, Recycling and Banking Facilities in Canada	2004-02-06
02/2004	Ship's Alarm and Internal Communications System	2004-03-04
03/2004	Mustang Survival Ocean Commander Immersion Suits	2004-04-20

Transport Publications (TPs) New and/or Amended - 2004

Publication No.	Title	Date
TP 1332	Constructed Standards for Small Vessels (Amended)	2004
TP 2293	The Examination and Certification of Seafarers (Amended)	2004
TP 10655	Approved Training Courses (Amended)	2004
TP 13595	Marine Safety (Port State Control, Annual Report 2003) (New)	2004
TP 14315	Executive Summary - The Impact of Regulations on Towing Vessel Safety; A Comparative Evaluation of Canadian and American West Coast Tug and Barge Operations (New)	2004

Copies of these publications may be obtained from:

Marine Safety
Transport Canada
Place de Ville, Tower "C"
330 Sparks Street, 9th 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

**SECTION 2 – Edition 01/2005
CHART CORRECTIONS**

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

28-JAN-2005		LNMD. 21-JAN-2005
Delete	port hand daybeacon	49°10'10.6"N 123°56'02.9"W DFO(6201211-01)
Delete	yellow cautionary spar buoy, marked PG	49°10'11.8"N 123°56'02.8"W DFO(6201211-02)
Delete	yellow and black South cardinal spar buoy, marked PT	49°10'13.0"N 123°56'05.2"W DFO(6201211-03)

3313 - Haro Strait South/Sud - Sheet 22 - New Chart - 28-JUL-1995 - NAD 1983

21-JAN-2005		LNMD. 24-DEC-2004
Delete	radar transponder beacon and legend Racon	48°27'05.0"N 123°10'51.0"W DFO(6201210-01)

3313 - Boundary Pass- Sheet 24 - New Chart - 28-JUL-1995 - NAD 1983

21-JAN-2005		LNMD. 24-DEC-2004
Delete	white and orange can buoy	48°42'53.5"N 122°53'22.0"W DFO(6201209-01)

3313 - Haro Strait Central/Centrale - Sheet 5 - New Chart - 28-JUL-1995 - NAD 1983

21-JAN-2005		LNMD. 24-DEC-2004
Delete	FogSig30s	48°30'57.1"N 123°09'09.2"W LL(222) DFO(6201207-01)

3540 - Approaches to/Approches à Campbell River- New Edition - 29-OCT-2004 - NAD 1983

21-JAN-2005		
Add	Fog Sig 30s	49°59'54.8"N 125°11'44.2"W DFO(6201208-01)

3921 - Fish Egg Inlet - New Edition - 15-DEC-1995 - NAD 1983

28-JAN-2005		LNMD. 02-MAY-2003
Add	depth of 0.3 metres, legend R, and legend Rep (2004)	51°37'00.7"N 127°41'25.2"W DFO(6201212-01)

5300 - Baie D'Ungava/Ungava Bay - New Edition - 28-MAY-2004 - Unknown

28-JAN-2005		LNMD. 19-NOV-2004
Add	note Carte/Chart 5352	59°58'00.0"N 070°10'00.0"W DFO(6602099-01)
Add	note Carte/Chart 5469	58°45'00.0"N 069°29'00.0"W DFO(6602099-02)
Add	note Carte/Chart 5468	58°48'00.0"N 069°16'00.0"W DFO(6602099-03)
Add	note Carte/Chart 5338	58°29'00.0"N 068°06'00.0"W DFO(6602099-04)
Add	note Carte/Chart 5335	58°54'30.0"N 066°10'00.0"W DFO(6602099-05)

**SECTION 2 – Edition 01/2005
CHART CORRECTIONS**

5351 - Payne Bay and Approaches- New Chart - 24-FEB-1956 - NAD 1927

28-JAN-2005

Add note Adjoining Chart 5300

LNW/D. (308-1983)
in East border at 60°02'30"N
DFO(6602230-01)

5450 - Hudson Strait - New Edition - 22-MAY-1970 - NAD 1927

28-JAN-2005

Amend legend Fl 6sec 129ft 7M to read Fl 6sec 129ft 10M against light

LNW/D. 19-NOV-2004
61°18'28.0"N 064°53'16.0"W
LL(2565.000) DFO(6602231-01)

Add note (see Chart 7134)

62°40'00.0"N 064°06'00.0"W
DFO(6602235-01)

Add note (see Chart 5340)

61°41'00.0"N 064°06'00.0"W
DFO(6602235-02)

7050 - Resolution Island to/à Cape Mercy - New Edition - 03-FEB-1989 - Unknown

28-JAN-2005

Amend legend Fl 6s 129ft 7M to read Fl 6s 129ft 10M against light

LNW/D. (575-1993)
61°18'28.0"N 064°53'16.0"W
LL(2565.000) DFO(6602231-01)

Add note Adjoining Chart/Carte adjacente 5300

in south border at 63°45'00"W
DFO(6602234-01)

SECTION 4 – Edition 01/2005
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Chart 3313, Gulf Islands, 1995 —

Sheet 3a — VICTORIA HARBOUR

Under “AIDS TO NAVIGATION, Discovery Rock”

Delete: Bn, white tower, green band; radar reflector.

Add: Bn, port daymark.

(P2004-38.1)

Sheet 4a — APPROACHES TO VICTORIA

Under “AIDS TO NAVIGATION, Ogden Point”

Delete: Fog Sig.

(P2004-38.2)

Sheet 4a — APPROACHES TO VICTORIA

Under “AIDS TO NAVIGATION, Brotchie Ledge”

Delete: Fog Sig.

(P2004-38.3)

Sheet 4a — APPROACHES TO VICTORIA

Under “AIDS TO NAVIGATION, Trial Islands”

Delete: Fog Sig.

(P2004-38.4)

Sheet 4a — APPROACHES TO VICTORIA

Under “AIDS TO NAVIGATION, Discovery Island”

Delete: Fog Sig.

(P2004-38.5)

Sheet 4a — APPROACHES TO VICTORIA

Under “AIDS TO NAVIGATION, Beaumont Shoal”

Delete: Racon.

(P2004-38.6)

Sheet 5a — HARO STRAIT — CENTRAL

Under “AIDS TO NAVIGATION, Beaumont Shoal”

Delete: Racon.

(P2004-38.7)

Sheet 5a — HARO STRAIT — CENTRAL

Under “AIDS TO NAVIGATION, Deadman Bay”

Delete: Fog Sig.

(P2004-38.8)

Sheet 8a — SWANSON CHANNEL

Under “AIDS TO NAVIGATION, Portlock Point”

Delete: Fog Sig.

(P2004-38.9)

Sheet 9b — ACTIVE PASS

Under “Vessel Traffic Services, line 2”

Delete: *Vancouver Traffic*.

Replace by: *Victoria Traffic*.

(P2004-38.10)

Sheet 9b — ACTIVE PASS

Under “AIDS TO NAVIGATION, Georgina Point”

Delete: Fog Sig.

(P2004-38.11)

Sheet 13a — SAANICH INLET

Under “AIDS TO NAVIGATION, Deep Cove”

Delete: starboard buoy. Bn, junction daymark, preferred channel to left.

Replace by: Bn, starboard daymark.

(P2004-38.12)

SECTION 4 – Edition 01/2005
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Sheet 15a — STUART CHANNEL — SOUTH

Under “AIDS TO NAVIGATION, Ladysmith Harbour”

Delete: Bn, port daymark.

Replace by: **Ladysmith Harbour Floating Breakwater:** light (296.7), grey mast.

(P2004-38.13)

Sheet 16a — PORLIER PASS

Under “CAUTIONARY NOTES, Traffic, lines 4 and 5”

Delete: *Vancouver Traffic.*

Replace by: *Victoria Traffic.*

(P2004-38.14)

Sheet 16a — PORLIER PASS

Under “AIDS TO NAVIGATION, Race Point”

Delete: Fog Sig.

(P2004-38.15)

Sheet 20a — APPROACHES TO NANAIMO

Under “AIDS TO NAVIGATION, Entrance Island”

Delete: Fog Sig.

(P2004-38.16)

Sheet 21a — NANAIMO HARBOUR — DEPARTURE BAY

Under “AIDS TO NAVIGATION, Beacon Rock”

Delete: Bn, port daymark. Cautionary buoy N.

(P2004-38.17)

Sheet 21a — NANAIMO HARBOUR — DEPARTURE BAY

Under “AIDS TO NAVIGATION, Carpenter Rock”

Delete: S cardinal buoy.

(P2004-38.18)

Sheet 22a — HARO STRAIT — SOUTH

Under “AIDS TO NAVIGATION, Discovery Island”

Delete: Fog Sig.

(P2004-38.19)

Sheet 22a — HARO STRAIT — SOUTH

Under “AIDS TO NAVIGATION, Beaumont Shoal”

Delete: Racon.

(P2004-38.20)

Sheet 22a — HARO STRAIT — SOUTH

Under “AIDS TO NAVIGATION, Deadman Bay”

Delete: Fog Sig.

(P2004-38.21)

Sheet 22a — HARO STRAIT — SOUTH

Under “AIDS TO NAVIGATION, Cattle Point”

Delete: Fog Sig.

(P2004-38.22)

Sheet 24a — BOUNDARY PASS

Under “AIDS TO NAVIGATION, Orcas Island”

Delete: White & orange buoy (US 19850), marked ROCK.

(P2004-38.23)

SECTION 5 – Edition 01/2005
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description	Remarks
		----- Latitude N. Longitude W.				----- Height in meters above ground	----- Fog Signals

PACIFIC

222 G5335	Lime Kiln (U.S.)	On W. side of San Juan Island. 48 31 00 123 09 12	Fl W	10s	16.8	17	Octagonal tower. 11.6	Flash every 10 s. Year round.	Chart:3440 Edn 01/05
Inland LL 2565 H53	Radio Island (Resolution Island)	W. side of island. 61 18 40.6 64 53 17.2	Fl W	6s	39.3	10	Square tower. 7.0	Flash 1 s; eclipse 5 s. Seasonal.	Chart:5459 Edn 01/05

**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](#)