



NOTICES TO MARINERS

WESTERN EDITION

Published monthly by the

CANADIAN COAST GUARD

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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Mariners are advised that all relevant Written Notices to Shipping should be kept until superseded by Notices to Mariners or through revised charts issued by the Canadian Hydrographic Service.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) 772-6285

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

Laurentian

GC\SO\COR
Notices to Shipping
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

Vancouver Regional Marine Information Centre
Phone: (604) 666-6011
Fax: (604) 666-8453

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.

Original Canadian Information - A star (*) adjacent to the Notice number indicates that this notice is based on original Canadian information.

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) after the Notice number. Nautical charts and publications are not hand amended for Temporary (T) and Preliminary (P) Notices to Mariners. Listings of Charts Affected by Temporary and Preliminary Notices to Mariners are revised and promulgated quarterly, in Section I. Reference should be made to the latest published listing and to the monthly editions of Notices to Mariners published subsequently.

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.

DGPS INITIAL OPERATIONAL SERVICE

The Canadian Coast Guard (CCG) announces that the Differential Global Positioning Service (DGPS) Initial Operational Service (IOS) is available for positioning and navigation.

IOS 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.

Although the service is IOS, users may experience service interruptions without advance notice. Further, CCG advises that IOS DGPS broadcasts should not be used under any circumstances where a sudden system failure or inaccuracy could constitute a safety hazard. Following a one year verification period, the DGPS service will be declared as being a Full Operational Service (FOS).

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 Latitude Longitude	Frequency [kHz]	Bit/s
Cape Race, NFLD	338,339	940	46 46 N 53 11 W	315	200
Cape Ray, NFLD	340,341	942	47 38 N 59 14 W	290	200
Cape Norman, NFLD	342,343	944	51 30 N 55 49 W	310	200
Rigolet, NFLD	344,345	946	54 15 N 58 30 W	299	200
Partridge Island, NB	326,327	939	45 14 N 66 03 W	295	200
Pt. Escuminiac, 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
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
Riviere 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.

DISCREPANCY REPORT FOR DGPS USERS

Throughout the service validation period, the Coast Guard will be conducting numerous tests of the differential service. To assist the Coast Guard in this validation testing, mariners are requested to complete the attached anomaly report. Please take note of any DGPS service anomalies you experience and forward the completed form to the Director Marine Aids, Fisheries and Oceans Canada, 200 Kent Street, Station 5130, Ottawa, ON, K1A 0E6.

GPS "Rollover" August 1999

The Global Positioning System accounts for time by using a number for every week the service is in operation and accounts for the seconds within each numeric week. It counts weeks using a starting point of midnight (0000) on the evening of January 5, 1980 / morning of January 6, 1980 (UTC), and has increased its count by 1 for each week since then. Both week and seconds are broadcast as part of the GPS message provided by the satellites and are used by receivers in their computations. The GPS week number field in this message can only provide for numbers up to 1024 which means that, at the completion of the week 1023, the week number field will roll over from 1023 back to 0. This will occur at midnight 21-22 August 1999. On 22 August 1999, unless repaired, many GPS receivers will claim that it is 6 January 1980.

It will be the responsibility of the user to account for this changeover, the satellite themselves will simply start broadcasting the new week number. How it will affect your particular GPS unit will depend on what brand and model of receiver you have. Some receivers may merely display inaccurate date information, but others may also calculate incorrect navigation information or might stop providing positions. If the rollover hasn't been taken into account at the time your GPS receiver was designed and built, then the unit might have problems. Some units will require a software upgraded. Mariners are advised to consult with the manufacturers of their receiver's compliance to GPS rollover.

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 AWAD.
- 2) Mail / Par la poste: Director Marine Aids
Fisheries and Oceans Canada
200 Kent Street, 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 .

IMPORTANT NOTICE TO USERS

The Canadian Coast Guard Marine Aids Modernization Program

- The Canadian Coast Guard is initiating an aids to navigation modernization program which takes advantage of modern technology and will result in a more equitable, safe, cost-effective and environmentally friendly service across Canada. Low maintenance buoys, solar power, the elimination of diesel power and the application of national provision and design standards, will be used to realize these objectives.
- In consultation with local users, aids to navigation which are redundant, exceed the national standards or should not be publicly funded, will be downsized, privatized or discontinued.
- Regional plans as well as detailed Notices to Shipping and Notices to Mariners will be issued and distributed in the usual manner in advance of all changes to aids to navigation. All users are encouraged to participate in local consultations and to monitor these Notices. It will be every user's responsibility to adapt to the changes and to take the appropriate measures.

1. Redundant Aids to Navigation

Many conventional aids to navigation were established for commercial mariners who now use radar. As a result these users no longer require as many landfall shore lights, large lighted buoys and fog signals and support their discontinuance.

However, before these commercially redundant marine aids are removed, the Coast Guard is assessing, where required, the local needs of small craft operators and redesigning the old commercial aids to meet these needs within national provision policies and design standards.

Coast Guard policy does not provide for the retention of fog horns for pleasure craft, due to the high cost to provide such a service across Canada. However, where practical and where there is local support, the existing redundant fog horns are being transferred to local authorities at no cost.

The conversion of lightstations to solar power allows major economic and environmental benefits by allowing removal of fuel tanks and diesel generators. Although this eliminates the need for many structures, the Coast Guard will protect all heritage lightstations through continued operation or transfer to provincial, municipal or other authorities for local use.

2. Aids to Navigation Standards

In consultation with local users, all aids to navigation systems across Canada are under review. National system design standards will be used to assess these systems. Systems that do not meet these standards will be upgraded; those systems that exceed them will be downsized.

Adjustments in some channels will result in an increase or a decrease in the number of buoys and/or the conversion of some lighted buoys to unlighted buoys displaying reflective material.

Private Aids to Navigation

Although Coast Guard policy does not provide for the establishment of aids to navigation in inadequately charted waters, or where the traffic volume does not justify the cost of the system, some have been established in the past. These aids to navigation will be transferred to local authorities at no cost, with Coast Guard retaining design and regulatory authority under the *Private Buoy Regulations*.

NEW INITIATIVES

The Canadian Coast Guard is also introducing a new differential correction service to augment the satellite-based Global Positioning System (GPS), with 18 transmitting stations fully operational in 1998.

This Differential Global Positioning System (DGPS), will improve the accuracy and integrity of GPS and will enable mariners who are equipped with the appropriate receivers to identify their precise position in most major southern Canadian waters, including the Great Lakes and the St. Lawrence River.

The use of DGPS in conjunction with Electronic Chart Display and Information Systems (ECDIS), will greatly improve navigation accuracy. The expanding use of this new technology is expected to increase marine safety and thus provide greater environmental protection to Canadian waters. It is also believed that implementation of DGPS will allow further adjustment to conventional aids in the future.

All mariners and shipowners are encouraged to equip their vessels with GPS receivers which have the capability to receive the Differential signals, particularly where there is frequent risk of reduced visibility.

The Canadian Coast Guard believes that the availability of GPS, particularly when augmented by the Differential service, will make Loran C obsolete. Consultations are underway to assess the impact of discontinuing Loran C in Canada.

CENTRAL & ARCTIC REGION

Aids Modernization consultations are continuing throughout the Central and Arctic Region of the Canadian Coast Guard. Mariners are urged to continue to read and monitor Notices to Shipping and Notices to Mariners for the most recent concerning adjustments to aids to navigation. You may also access the Central and Arctic Website at www.ccg-gcc.gc.ca/cen-arc/main.htm for further information.

Mariners and representatives of user groups seeking clarification, having questions, or wishing to provide comments or recommendations concerning any aids to navigation notice may to contact:

Superintendent Marine Aids Program
Canadian Coast Guard
Department of Fisheries & Oceans
201 Front Street North, Suite 703
Sarnia, ON
N7T 8B1

Telephone (519) 383-1859 or (519) 383-1861
Facsimile (519) 383-1989

MONTHLY EDITION OF NOTICES TO MARINERS

MAILING LIST CHANGES

Superintendent, Information and Publications
Marine Navigation Services Directorate
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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NATIONAL

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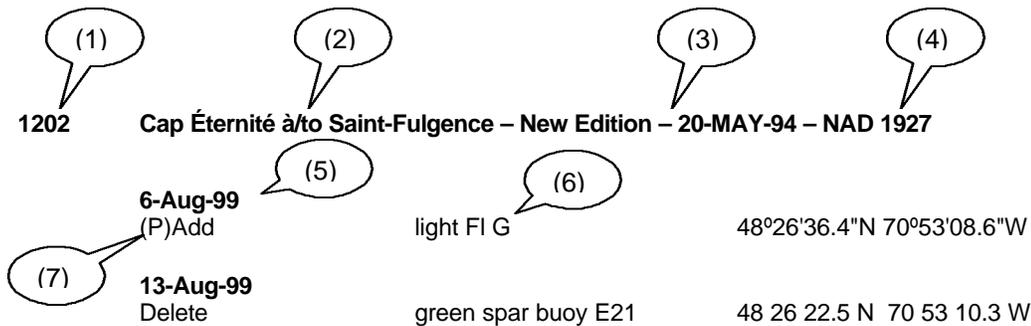
NEWSLETTER

NOTICE TO USERS

In our quest to improve our service to our clients, we are implementing the following changes to the Monthly Edition of Notices to Mariners at the start of the new millennium.

CHART CORRECTIONS – SECTION II

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 II chart correction.



- (1) Chart Number
- (2) Chart Title
- (3) Most recent chart edition date
- (4) Chart Datum
- (5) Weekly chart correction date
- (6) Chart action
- (7) Notice type

UPCOMING NEW FEATURES

Activity Reports

A Regional Activity Report will be compiled detailing marine aid activities that have not yet been incorporated on charts or related nautical publications. These activity reports will be updated on a monthly basis and are to be used as a reference tool only and should not differ you from using caution when navigating in these areas. Charts and nautical publications will be updated to reflect the changes mentioned in the activity reports as expeditiously as possible.

Paper Mailing List

A renewal subscription address card will be mailed out through the Monthly Edition.

NotMar Internet Site**Publications**

As an Internet user you now have access to all the Notices to Mariners publications free of cost. All volumes of the List of Lights, Buoys & Fog Signals as well as the Annual Edition of Notices to Mariners are kept-up-to date on a Monthly basis.

Chart User Profile

Users can set up a 'user profile' account on the site to receive Notices to Mariners chart correction changes via e-mail.

Weekly Posting of Chart Corrections

Chart corrections will soon be posted to the Internet Site on a weekly basis.

We will keep you posted in future Newsletters on the implementation of these new features.

***101 CANADIAN HYDROGRAPHIC SERVICE - Raster 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 licencing information and rates please contact the distributor, Nautical Data International Inc. (NDI) at the above-mentioned address.

CHARTS	TITLE & CONTENTS	SCALE	DATED	CAT # PRICE
1. New Charts.				
<u>BRITISH COLUMBIA / COLOMBIE-BRITANNIQUE</u>				
3440R/M	Race Rocks to / à d'Arcy Island		Dec. 25/98	See Note (2)
3441R/M	Haro Strait, Boundary Pass and / et Satellite Channel		Dec. 06/96	See Note (2)
3462R/M	Juan de Fuca Strait to / à Strait of Georgia		Oct. 23/98	See Note (2)
3492R/M	Robert Banks		Nov. 27/98	See Note (2)
3493R/M	Vancouver Harbour - Western Portion /Partie Ouest		Dec. 18/98	See Note (2)
3494R/M	Vancouver Harbour - Central Portion /Partie Centrale		Dec. 18/98	See Note (2)
3495R/M	Vancouver Harbour - Eastern Portion /Partie Est		Nov. 27/98	See Note (2)
3512R/M	Strait of Georgia - Central Portion /Partie Centrale		Oct. 23/98	See Note (2)
3513R/M	Strait of Georgia - Northern Portion /Partie Nord		Oct. 29/99	See Note (2)
3807R/M	Atli Inlet to Selwyn Inlet		Feb. 05/99	See Note (2)
3859R/M	Tasu Sound		Aug. 21/98	See Note (2)
3964R/M	Tuck Inlet		Apr. 30/99	See Note (2)
(AMA8035-10-35)				(DFO-H00-002)

102 CANADIAN HYDROGRAPHIC SERVICE - Information about CHS chart dealers.*1 – NEWLY APPOINTED CHART DEALERS**

Natural Resources Canada. Geological Surveys of Canada Vancouver Sales Office Suite 101 – 605 Robson Street Vancouver, BC V6B 5J3 Tel: 604-666-0529 Fax: 604-666-1337	Westside Instaprint. 2811 Jacklin Road Victoria, BC V9B 3X8 Tel: 250-478-5533 Fax: 250-478-7607
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<p>Yestermorrow Arts Tel: 360-452-3277 Fax: 360-457-6983 Dbas Starfish Studio 1725 Cowichan Bay Road Cowichan Bay Road, BC V0R 1N0 Tel: 250-746-7597 Fax: 250-380-5081</p>	<p>Port Angeles Marine Supply 1014 Marine Drive Port Angeles, WA USA 98363</p>
<p>Beaumaris Marina Ltd. 1214 Beaumaris Road Beaumaris, Ontario POB 1B0 Tel: (705) 764-1171 Fax: (705) 764-8901</p>	<p>Long Island Marine Inc. 1424 Commodore Lane P.O. Box 41 Kars, Ontario K0A 2E0 Tel: (613) 489-2747 Fax: (613) 489-1486 Email: longisland@cyberus.ca Web: www.cyberus.ca/~longisland/</p>

2 – DEALER ADDRESS CHANGE

<u>OLD ADDRESS</u>	<u>NEW ADDRESS</u>
<p>Windsor Company LLC Dbas The Map Centre 2611 University Avenue San Diego, CA USA 92104-2894 Tel: 619-291-3830 Fax: 619-291-3840</p>	<p>Windsor Company LLC dbas The Map Centre 3191 Sports Arena Blvd., Ste. F San Diego, CA USA 92110 Tel: 619-291-3830 Fax: 619-291-3840</p>
<p>Steveston Marine & Hardware 1815 Pine Street Vancouver, BC V6J 3C8 Tel: 604-732-6220 Fax: 604-732-6216</p>	<p>Steveston Marine & Hardware 1603 – West 3rd Street Vancouver, BC V6J 1K1 Tel: 604-733-7031 Fax: 604-732-6216</p>
<p>et cetera (Saltspring Book & Stationary) 120 Hereford Avenue Saltspring Island, BC V8K 2T4 Tel: 250-537-5115 Tel: 250-537-1045 Fax: 250-537-5115</p>	<p>et cetera Upper Ganges Centre 334 Lower Ganges Road Saltspring Island, BC V8K 2V3 Tel: 250-537-5115 Tel: 250-537-1045 Fax: 250-537-5115</p>
<p>Red Sky At Night 1818 Maritime Mews Vancouver, BC V6H 3X2 Tel: 604-689-3989 Fax: 604-689-3974 1-888-RED-SKYS cal@redskyatnight.com</p>	<p>Red Sky At Night. 1818 Maritime Mews Vancouver, BC V6H 3X2 Tel: 604-689-3989 Fax: 604-689-3974 1-888-RED-SKYS redsky@fastfind.com</p>

Budget Marine Sales. 7850 – 6 th Street Vancouver, BC V3N 3N3 Tel: 604-524-1575 Fax: 604-524-1575 budget@helix.net	Budget Marine Sales Ltd. 431 Front Street New Westminster, BC V3L 1A4 Tel: 604-524-1575 Fax: 604-521-3660 budget@helix.net
Refuge Cove General Store Refuge Cove, BC V0P 1P0 Tel: N67-8982 Campbell River	Refuge Cove General Store Refuge Cove, BC V0P 1P0 Tel: 250-935-6659
Anchor In Marina 9904 Straits Hwy Cheboygan, MI 49721,U.S.A. Tel: (616) 627-4620 Fax: (616) 627-3677	Anchor In Marina 9904 Straits Hwy Cheboygan, MI 49721,U.S.A. Tel: (231) 627-4620 Fax: (231) 627-3677
Canadian Power & Sail Charters Inc. 30 Water Street Gore Bay, Ontario POP 1H0 Tel: (705) 282-0185	Canadian Yacht Charters 30 Water Street, P.O. Box 215 Gore Bay, Ontario POP 1H0 Tel: (705) 282-0185 Fax: (705) 282-0443
Sports René Dumas Inc 1301 Sacré-Coeur C.P. 66 St-Félicien, Québec G8K 2P8 Tel: (418) 679-0614 Fax: (418) 679-9251	Chasse et Pêche Chicoutimi Sports René Dumas Inc. 1120 Talbot Chicoutimi, Québec G7H 7R2 Tel: (418) 690-9620 Fax: (418) 690-9440
Dover Flag & Map 323 Main Street Racine, WI 53403 U.S.A. Tel: (414) 632-3133 Fax: (414) 632-3188	Dover Flag & Map 323 Main Street Racine, WI 53403 U.S.A. Tel: (262) 632-3133 Fax: (262) 632-3188
Drummond Island Yacht Haven, Inc. Old Mill Road, Box 148 Drummond Island, MI 49726 U.S.A. Tel: (906) 493-5232 Fax: (906) 493-5229	Drummond Island Yacht Haven, Inc. 33185 S. Water Street, P.O. Box 148 Drummond Island, MI 49726 U.S.A. Tel: (906) 493-5232 Fax: (906) 493-5229

<p>4 Corners Map Shop 1887 West Market Street Akron, OH 44313 U.S.A. Tel: (330) 869-6277 Fax: (330) 869-0994</p>	<p>4 Corners Map Shop 2950 West Market Street, Suite 0 Akron, OH 44333 U.S.A. Tel: (330) 869-6277 Fax: (330) 869-0994</p>
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Admiral Ship Supply Inc. 113 S. Valley Street Port Angeles, WA USA 98362 Tel: 360-452-5859	Pacific Kayak Centre 654B Campbell Street Tofino, BC V0R 2Z0 Tel: 250-725-3232
Outdoor Spectacular 180 Davis Drive Newmarket, Ontario L3Y 2N4 Tel: (905) 898-4067 Fax: (905) 898-6763	The Map Company 712 N. Quincy Street Green Bay, WI 54302 U.S.A. Tel: (920) 437-6277 Fax: (437-9111
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(AMA8035-10-35)

(DFO-H00-005)

***103 Canadian Coast Guard Publication - Ice Navigation in Canadian Waters.**

Please note that this publication has been revised and is now available for distribution.

This revised edition costs \$24.95 and is available in both English and French languages from authorized Canadian Hydrographic Services Chart dealers, or by mail from:

Hydrographic Chart Distribution Office
Fisheries and Oceans Canada
1675 Russell Road
P.O. 8080
Ottawa, Ontario
Canada K1G 3H6

Mariners are reminded that every ship of 100 gross tonnage or over, navigating in Canadian waters in areas where ice may be encountered is required to carry the most recent issue and make proper navigational use of this document. It is recommended that ships carry this new edition.

(AMA8035-10-1)

(CCG-H00-001)

***104 CANADIAN HYDROGRAPHIC SERVICE - Chart information.**

On certain copies of NE 4202, dated Dec 31, 1999, the Halifax harbour range line is missing. On these copies, the CHS Chart Distribution "CORRECTED TO" Green stamp will show a date of 1999-12-24, or earlier. If you have a copy of this chart, please return the lower left hand corner of the chart, complete with the CHS Green stamp, to an authorized Chart Dealer for a free replacement.

(AMA8035-10-35)

(DFO-H00-006)

***105 TRANSPORT CANADA PUBLICATIONS - Ship Safety Bulletins - 1999.**

The following bulletins have been issued in 1999:

No. 1	January 12, 1999	SPORT FISHING
No. 2	January 19, 1999	THE YEAR 2000 AND THE GPS ROLLOVER PROBLEMS
No. 3	February 2, 1999	CERTIFICATES OF COMPETENCY AS CHIEF ENGINEER - MOTOR DRIVEN FISHING VESSEL (C/E-MDFV) & WATCHKEEPING ENGINEER - MOTOR DRIVEN FISHING VESSEL (WKE-MDFV)
No. 4	March 25, 1999	NAVIGATIONAL EQUIPMENT PERFORMANCE STANDARDS
No. 5	April 5, 1999	CHANGEOVER VALVES ON FUEL SYSTEM
No. 6	May 12, 1999	AVOIDING A CLOSE QUARTERS SITUATION IN NARROW CHANNELS AND IN THE VICINITY OF BERTHS
No. 7	May 31, 1999	HAZARDS ASSOCIATED WITH IMPORTED CARGO TRANSPORT UNITS CONTAINING FUMIGANT GAS
No. 8	June 1, 1999	MEDICAL FITNESS OF SEAFARERS UNDER THE CREWING REGULATIONS (SOR/97-390)
No. 9	June 14, 1999	CARGO PUMPING SYSTEMS MAINTENANCE
No. 10	July 22, 1999	SHIPPING WAVES OVER THE STERN, MANOEUVRING ASTERN
No. 11	September 7, 1999	INTERIM PASSENGER VESSEL COMPLIANCE PROGRAM
No. 12	October 25, 1999	LIFERAFTS, REGULAR SERVICING AND RETROFITTING TO NEW REQUIREMENTS
No. 13	November 1, 1999	MUSTER LISTS AND THE PRACTICING OF EMERGENCY PROCEDURES

- | | | |
|--------|-------------------|--|
| No. 14 | November 8, 1999 | FIRST AID CERTIFICATES |
| No. 15 | November 23, 1999 | NEW SOLAS CHAPTER XII AND UNIFORM METHOD OF MEASUREMENT OF THE DENSITY OF BULK CARGOES |
| No. 16 | December 7, 1999 | INFORMATION ON PASSENGERS |
| No. 17 | December 22, 1999 | 1999 SPECIAL EDITION, SSB ALPHABETIC KEYWORD LISTING |

Single copies of these bulletins may be obtained by writing to:

**Transport Canada
Marine Safety
AMSB, Tel. 991-3135
Fax # (613) 990-6191
Tower C, Place de Ville
330 Sparks Street, 11th floor
Ottawa, Ontario
K1A 0N8**

(AMA8035-10-1)

(CCG-H00-002)

CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

***107 CANADIAN COAST GUARD PUBLICATIONS - Amendments to the Radio Aids to Marine Navigation (Pacific) Publication - Annual Edition 1999.**

Replace page 5-22 with the following.

Ice bulletins - Seasonal products unless noted

Area	Name		NAVTEX	Other ice bulletins or reports
510	Beaufort sea	S	n/a	Inuvik - Ice information on request
511	Western Arctic waterway		n/a	
512	Eastern Arctic routes	S	n/a	Iqaluit: 1705 (W) Iqaluit: 1800 - RadioTelegraphy
513	Baffin Bay /Davis Strait			
514	En Route to Churchill			
515	Foxe	S	n/a	Iqaluit - Ice information on request
518	Outer Labrador coast		Labrador: 2350	Iqaluit: 1705, (W) Iqaluit: 1800 - RadioTelegraphy
519	Labrador coast		Labrador: 2350	Iqaluit: 1705, (W) Iqaluit: 1800 - RadioTelegraphy St Anthony: 0107, 0907, 1807, CMB - (W, L) Labrador: 0137, 1007, 1437, 2037, CMB (W)
520	Outer East Newfoundland Waters	W	St John's: 1820, 2220 - Limit all known ice.	St Anthony: 0107, 0907, 1807, CMB - (W, L)
521	Strait of Belle Isle and Approaches (2)		St John's: 1820, 2220 - Limit all known ice	St Anthony: 0107, 0907, 1807, CMB - (W, L) St John's: 0007, 0837, 1637, 2207, CMB (W)
522	Northern Peninsula	W		
523	Coastal route north of cape Freels to Botwood	W		
524	Coastal route south of Cape Freels	W	St John's: 1820, 2220 - Limit all known ice	St Anthony: 0107, 0907, 1807, CMB - (W, L) Placentia: 0737, 2137, CMB (W) St John's: 0007, 0837, 1637, 2207, CMB (W)
525	Approaches to St John`s	W		
526	South Coast	W	St John's: 1820, 2220 - Limit all known ice	Stephenville (B): 0707, 1837, CMB (W) Placentia: 0737, 2137, CMB (W)
527	Approaches to Sydney	W	Sydney: 2240 (E), 2255 (F)	Sydney CMB - Shipping route ice conditions Stephenville (B): 0707, 1837, CMB (W)
528	Approaches to Chedabucto Bay	W	Sydney: 2240 (E), 2255 (F)	Sydney CMB - Shipping route ice conditions
529	Eastern shores	W	Sydney: 2240 (E), 2255 (F)	
530	Northumberland Strait and New Brunswick coast	W	n/a	Sydney CMB - (W)
531	Chaleurs Bay & Approaches	W	Sydney: 2240 (E), 2255 (F) Rivière-au-Renard 1620, <u>2115</u> (E)(1) 1635, <u>2145</u> (F)(1)	Sydney CMB - Shipping route ice conditions Rivière-au-Renard (B): 0937, 1737, CMB. Ice reports
532	Enroute to Bay of Islands	W	n/a	Stephenville (B): 0707, 1837, CMB (W)
533	Northeast Gulf	W		
534	Approaches to St Lawrence river ports	W	Sydney: 2240 (E), 2255 (F) Rivière-au-Renard 1620, <u>2115</u> (E)(1) 1635, <u>2145</u> (F)(1)	Sydney CMB - Shipping route ice conditions Rivière-au-Renard (B): 0937, 1737, CMB. Ice reports
535	Les Escoumins to 66W	W	n/a	Rivière-au-Renard (B): 0937, 1737, CMB. Ice reports Quebec CMB - Ice conditions Les Escoumins on CMB
536	Montréal to Trois-Rivières Trois-Rivières to Les Escoumins	W	n/a	Montréal CMB - Ice conditions Quebec CMB - Ice conditions Les Escoumins on CMB

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Arctic Canada, Volume 1, Fourth Edition, 1994 —

Page 50 — Delete paragraphs 26 to 32

Replace by: 26 **Time zones.** — Canada has six standard time zones. These zones are called, from east to west, Newfoundland, Atlantic, Eastern, Central, Mountain and Pacific Time Zones. Only three of these zones are used in the Canadian Arctic.

27 Central Standard Time, six hours slow on UTC, is kept in the territory of Nunavut.

28 Mountain Standard Time, seven hours slow on UTC, is kept in the Northwest Territories.

29 Pacific Standard Time, eight hours slow on UTC, is kept in the Yukon Territory.

30 Daylight Saving Time is observed in Nunavut, the Northwest Territories and the Yukon Territory from April through October. Daylight Saving Time is one hour in advance of Standard Time, for example, Pacific Daylight Time is seven hours slow on UTC and Central Daylight Saving Time is five hours slow on UTC.

(C102/99)

Arctic Canada, Volume II, Fourth Edition, 1985 —

Index to Charts

Delete: Chart 7452 and limits

(C00-001.1)

Page 22 — Paragraph 27, line 4

Delete: (charted but not named on chart 7452)

(C00-001.2)

Page 24 — Paragraph 42, line 5 – after “high”

Insert: , fitted with a radar reflector,

(C00-001.3)

Page 29 — Paragraph 111, line 4 – after “high”

Insert: , fitted with a radar reflector,

(C00-001.4)

Page 30 — Paragraph 118, line 2 – after “**beacon**”

Insert: , fitted with a radar reflector,

(C00-001.5)

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SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 31 — Paragraph 134, line 4

Add: All of these beacons are fitted with radar reflectors.

(C00-001.6)

Page 59 — Delete paragraph 133.1 as promulgated in Monthly Edition No. 4/97.

(C104/99)

British Columbia, Volume 1, Sixteenth Edition, 1999 —

Page vii — Second paragraph, line 5

Delete: *Volumes 5 and 6*

Replace by: *Volumes 5, 6 and 7*

(P00-01.1)

Page xi — **Tidal information**, lines 1 and 2

Delete: *Volumes 5 and 6*

Replace by: *Volumes 5, 6 and 7*

(P00-01.2)

Page xiii — Canadian Tide and Current Tables

Delete: *Volumes 5 and 6*

Replace by: *Volume 5, 6 and 7*

(P00-01.3)

Page 13 — Paragraph 151, line 2

Delete: *Volumes 5 and 6*

Replace by: *Volumes 5, 6 and 7*

(P00-01.4)

Page 13 — Paragraph 151, lines 5 and 6

Delete: “Volume 6 ... Dixon Entrance”

Replace by: Volume 6 — Discovery Passage and West Coast of Vancouver Island
Volume 7 — Queen Charlotte Sound to Dixon Entrance

(P00-01.5)

Page 55 — Delete diagram

Replace by: “TIDAL STREAM INFORMATION” TSI-1 diagram shown at end of Section IV

(P00-01.6)

Page 68 — Paragraph 36, line 2 – after “given for”

Insert: Port Renfrew (Index No. 8525),

(P00-01.7)

Page 68 — Paragraph 37, line 2

Delete: “Tofino ... given for”

(P00-01.8)

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SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 68 — Paragraph 37, line 3
Delete: and
Replace by: are given for
(P00-01.9)
- Page 70 — Paragraph 80, line 2
Delete: Tofino
Replace by: Port Renfrew
(P00-01.10)
- Page 77 — Paragraph 164, line 1
Delete: differences
Replace by: predictions
(P00-01.11)
- Page 77 — Paragraph 164, line 2
Delete: , referenced on Tofino,
(P00-01.12)
- Page 77 — Paragraph 164, line 3
Delete: Volume 6
Replace by: Volumes 5 and 6
(P00-01.13)
- Page 158 — Paragraph 40, line 7 – after “7550),”
Insert: Nanaimo (Index No. 7917), Nanoose Bay (Index No. 7930),
(P00-01.14)
- Page 158 — Paragraph 40, line 8 – after “7935),”
Insert: Northwest Bay (Index No. 7938),
(P00-01.15)
- Page 166 — After paragraph 186
Add: ^{186.1} **Tides.** — Tidal differences for Nanoose Bay (Index 7930),
referenced on Point Atkinson, are given in the Tide Tables, Volume 5.
(P00-01.16)
- Page 171 — Paragraph 323, line 2
Delete: 7735
Replace by: 7795
(P00-01.17)
- Page 284 — Paragraph 639, lines 3 and 4
Delete: Princess Louisa Inlet
Replace by: Malibu Rapids
(P00-01.18)
- Page 289 — Paragraph 66, line 3 – after “River.”
Insert: The light operates only during hours of darkness.
(P00-03.01)

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- Page 315 — Paragraph 6, line 2
Delete: Volume 6
Replace by: Volumes 5 and 6
(P00-01.19)
- Page 315 — Paragraph 8, line 3
Delete: Campbell River (Index No. 8074)
Replace by: Point Atkinson (Index No. 7795)
(P00-01.20)
- Page 315 — Paragraph 8, line 4
Delete: Volume 6
Replace by: Volume 5
(P00-01.21)
- Page 316 — Paragraph 35, line 2
Delete: Campbell River
Replace by: Point Atkinson
(P00-01.22)
- Page 316 — Paragraph 49, line 2
Delete: Campbell River
Replace by: Point Atkinson
(P00-01.23)
- Page 316 — Paragraph 49, line 3
Delete: Volume 6
Replace by: Volume 5
(P00-01.24)
- Page 319 — Paragraph 73, line 2
Delete: Campbell River
Replace by: Point Atkinson
(P00-01.25)
- Page 319 — Paragraph 73, line 3
Delete: Volume 6
Replace by: Volume 5
(P00-01.26)
- Page 320 — Paragraph 84, line 1 – before “Waddington”
Insert: Orford Bay (Index No. 8065) and
(P00-01.27)
- Page 320 — Paragraph 84, lines 2 and 3
Delete: Campbell River
Replace by: Point Atkinson
(P00-01.28)

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- Page 320 — Paragraph 84, line 3
Delete: Volume 6
Replace by: Volume 5
(P00-01.29)
- Page 320 — Paragraph 92, line 5
Delete: 9 kn in Arran and
Replace by: 14 kn in Arran Rapids, 9 kn in
(P00-01.30)
- Page 320 — Paragraph 93, line 2 – after “5500),”
Insert: and Arran Rapids (Index No. 5600)
(P00-01.31)
- Page 320 — Paragraph 93, line 4
Delete: Dent Island
Replace by: Dent Rapids
(P00-01.32)
- Page 320 — Paragraph 93, lines 7 and 8
Delete: “The times of turn” to end of paragraph.
(P00-01.33)
- Page 326 — Paragraph 209, line 2
Delete: Campbell River
Replace by: Point Atkinson
(P00-01.34)
- Page 326 — Paragraph 209, line 3
Delete: Volume 6
Replace by: Volume 5
(P00-01.35)
- Page 328 — Paragraph 231, lines 3 to 5
Delete: “Reference current ... 5035) and”
Replace by: Reference current stations Hole in the Wall (Index No. 5100) and
Beazley Passage (Index No. 5200) and secondary current station
(P00-01.36)
- Page 328 — Paragraph 235, line 2
Delete: Campbell River
Replace by: Point Atkinson
(P00-01.37)
- Page 328 — Paragraph 235, line 3
Delete: Volume 6
Replace by: Volume 5
(P00-01.38)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 328 — Paragraph 236, line 7
Delete: Surge Narrows
Replace by: Beazley Passage (P00-01.39)
- Page 328 — Paragraph 251, lines 5 to 7
Delete: “Secondary current ... is given”
Replace by: The times and rates of maximum flood and ebb streams are tabulated for current station Hole in the Wall (Index No. 5100) (P00-01.40)
- Page 333 — Paragraph 314, line 2
Delete: Campbell River
Replace by: Point Atkinson (P00-01.41)
- Page 333 — Paragraph 314, line 3
Delete: Volume 6
Replace by: Volume 5 (P00-01.42)
- Page 337 — Paragraph 336, line 2
Delete: Campbell River
Replace by: Point Atkinson (P00-01.43)
- Page 337 — Paragraph 336, line 3
Delete: Volume 6
Replace by: Volume 5 (P00-01.44)
- Page 339 — After paragraph 368
Add: ^{368.1} **Tides.** — Tidal differences for Channel Island (Index No. 8015), referenced on Point Atkinson, are given in the Tide Tables, Volume 5. (P00-01.45)
- Page 347 — Paragraph 612, line 3
Delete: (Index No. 5035),
Replace by: (Index No. 6240), (P00-01.46)
- Page 383 — Delete paragraph 9
Replace by: ⁹ **Tides.** — Tidal predictions in Quatsino Sound are given for Winter Harbour (Index No. 8735). Tidal differences in Quatsino Sound, referenced on Winter Harbour, are given for Berg Cove (Index No. 8754). These predictions and differences are given in the Tide Tables, Volume 6. (P00-01.47)
- Page 384 — After paragraph 29

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Add: ^{29.1} **Tides.** — Tidal differences for Hunt Islets (Index No. 8736),
referenced on Winter Harbour, are given in the Tide Tables, Volume 6. (P00-01.48)
- Page 384 — Paragraph 38, line 1
Delete: differences
Replace by: predictions (P00-01.49)
- Page 384 — Paragraph 38, line 2
Delete: , referenced on Tofino, (P00-01.50)
- Page 385 — Paragraph 78, line 2
Delete: Tofino
Replace by: Winter Harbour (P00-01.51)
- Page 386 — Paragraph 101, line 2
Delete: Tofino
Replace by: Winter Harbour (P00-01.52)
- Page 386 — Paragraph 113, line 2
Delete: Tofino
Replace by: Winter Harbour (P00-01.53)
- Page 390 — Paragraph 151, line 2
Delete: Tofino
Replace by: Winter Harbour (P00-01.54)
- Page 394 — After paragraph 287
Add: ^{287.1} **Tides.** — Tidal differences for Zeballos (Index No. 8670),
referenced on Tofino, are given in the Tide Tables, Volume 6. (P00-01.55)
- Page 402 — After paragraph 490
Add: ^{490.1} **Tides.** — Tidal differences for Sulphur Passage (Index No.
8634), referenced on Tofino, are given in the Tide Tables, Volume 6. (P00-01.56)
- Page 403 — After paragraph 514
Add: ^{514.1} **Tides.** — Tidal differences for Herbert Inlet (Index No. 8632),
referenced on Tofino, are given in the Tide Tables, Volume 6. (P00-01.57)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 405 — After paragraph 574

Add: ^{574.1} **Tides.** — Tidal differences for Cypress Bay (Index No. 8630),
referenced on Tofino, are given in the Tide Tables, Volume 6.

(P00-01.58)

Page 406 — After paragraph 605

Add: ^{605.1} **Tides.** — Tidal differences for Warm Bay (Index No. 8626),
referenced on Tofino, are given in the Tide Tables, Volume 6.

(P00-01.59)

Page 407 — Paragraph 632, line 3 – after “8588),”

Insert: Effingham Bay (Index No. 8585),

(P00-01.60)

Page 410 — Before paragraph 695

Add: ^{694.1} **Tides.** — Tidal differences for Effingham Bay (Index No.
8585), referenced on Tofino, are given in the Tide Tables, Volume 6.

(P00-01.61)

British Columbia, Volume 2, Twelfth Edition, 1991 —

Page ix — Third paragraph, line 10

Delete: Volume 6

Replace by: Volume 7

(P00-02.1)

Page xiii — **Tide Tables**, line 2

Delete: Volume 6

Replace by: Volume 7

(P00-02.2)

Page 15 — Paragraph 148, lines 2 and 3

Delete: Volume 6, Barkley Sound and Discovery Passage

Replace by: Volume 7, Queen Charlotte Sound

(P00-02.3)

Page 49 — Paragraph 495, line 3

Delete: Volume 6

Replace by: Volume 7

(P00-02.4)

Pages 50, 51 and 52 — Delete diagrams

Replace by: “TIDAL STREAM INFORMATION” TSI-3 diagram shown at end of Section IV

(P00-02.5)

Page 53 — Paragraph 509, line 4

Delete: Volume 6

Replace by: Volume 7

(P00-02.6)

Page 63 — Paragraph 22, line 2

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SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Delete: Bella Bella
Replace by: Wadhams (P00-02.7)
- Page 63 — Paragraph 22, line 3
Delete: Volume 6
Replace by: Volume 7 (P00-02.8)
- Page 66 — Paragraph 60, line 2
Delete: Bella Bella
Replace by: Wadhams (P00-02.9)
- Page 66 — Paragraph 60, line 3
Delete: Volume 6
Replace by: Volume 7 (P00-02.10)
- Page 66 — Paragraph 74, line 2
Delete: Bella Bella
Replace by: Wadhams (P00-02.11)
- Page 66 — Paragraph 74, line 3
Delete: Volume 6
Replace by: Volume 7 (P00-02.12)
- Page 67 — After paragraph 91
Add: 91.1 **Tides.** — Tidal differences for Smith Inlet (Index No. 8814),
referenced on Wadhams, are given in the Tide Tables, Volume 7. (P00-02.13)
- Page 67 — After paragraph 110
Add: 110.1 **Tides.** — Tidal differences for Boswell Inlet (Index No. 8812),
referenced on Wadhams, are given in the Tide Tables, Volume 7. (P00-02.14)
- Page 69 — Delete paragraph 120
Replace by: 120 **Tides.** — Tidal predictions for Wadhams (Index No. 8840) and
tidal differences for Draney Inlet (Index No. 8830), referenced on
Wadhams, are given in the Tide Tables, Volume 7. (P00-02.15)
- Page 70 — Paragraph 143, line 5
Delete: Volume 6
Replace by: Volume 7 (P00-02.16)
- Page 70 — Paragraph 144, line 2
Delete: Bella Bella

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SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Replace by: Wadhams (P00-02.17)
- Page 70 — Paragraph 144, line 3
Delete: Volume 6
Replace by: Volume 7 (P00-02.18)
- Page 72 — Paragraph 177, line 2
Delete: Bella Bella
Replace by: Wadhams (P00-02.19)
- Page 72 — Paragraph 177, lines 3 and 4
Delete: Volume 6
Replace by: Volume 7 (P00-02.20)
- Page 74 — Paragraph 221, line 2
Delete: Bella Bella
Replace by: Wadhams (P00-02.21)
- Page 74 — Paragraph 221, line 2
Delete: Volume 6
Replace by: Volume 7 (P00-02.22)
- Page 75 — Delete paragraph 235
Replace by: 235 **Tides.** — Tidal predictions for Bella Coola (Index No. 8937), at the head of North Bentinck Arm, are given in the Tide Tables, Volume 7. (P00-02.23)
- Page 78 — Paragraph 270, line 1
Delete: differences
Replace by: predictions (P00-02.24)
- Page 78 — Paragraph 270, line 2
Delete: , referenced on Bella Bella, (P00-02.25)
- Page 78 — Paragraph 270, line 3
Delete: Volume 6
Replace by: Volume 7 (P00-02.26)
- Page 79 — Paragraph 290, line 3
Delete: Volume 6
Replace by: Volume 7 (P00-02.27)

Section 4

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SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 80 — Paragraph 328, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.28)
- Page 84 — Paragraph 394, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.29)
- Page 86 — Paragraph 421, line 2
Delete: Volume 6
Replace by: Volume 7
(P00-02.30)
- Page 87 — After paragraph 450
Add: 450.1 **Tides.** — Tidal differences for Forit Bay (Index No. 8958),
referenced on Bella Bella, are given in the Tide Tables, Volume 7.
(P00-02.31)
- Page 87 — After paragraph 475
Add: 475.1 **Tides.** — Tidal differences for Forit Bay (Index No. 8958),
referenced on Bella Bella, are given in the Tide Tables, Volume 7.
(P00-02.32)
- Page 91 — After paragraph 553
Add: 553.1 **Tides.** — Tidal differences for Gerald Point (Index No. 8996),
referenced on Bella Bella, are given in the Tide Tables, Volume 7.
(P00-02.33)
- Page 91 — Paragraph 566, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.34)
- Page 92 — Paragraph 574, line 4
Delete: Volume 6
Replace by: Volume 7
(P00-02.35)
- Page 97 — Paragraph 87, line 4
Delete: Volume 6
Replace by: Volume 7
(P00-02.36)
- Page 97 — Paragraph 97, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.37)
- Page 98 — Paragraph 111, line 3
Delete: Volume 6

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Replace by: Volume 7	(P00-02.38)
Page 98 — Paragraph 125, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.39)
Page 98 — Paragraph 138, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.40)
Page 99 — Paragraph 152, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.41)
Page 101 — Paragraph 168, line 2 Delete: Volume 6 Replace by: Volume 7	(P00-02.42)
Page 105 — Paragraph 264, line 4 Delete: Volume 6 Replace by: Volume 7	(P00-02.43)
Page 105 — Paragraph 273, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.44)
Page 107 — Paragraph 296, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.45)
Page 113 — Paragraph 361, line 2 Delete: Bella Bella Replace by: Kitimat	(P00-02.46)
Page 113 — Paragraph 361, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.47)
Page 113 — Paragraph 387, line 2 Delete: Bella Bella Replace by: Kitimat	(P00-02.48)

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SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 113 — Paragraph 387, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.49)
- Page 115 — Delete Paragraph 410
Replace by: 410 **Tides.** — Tidal predictions for Kitimat (Index No. 9140), at the head of Douglas Channel, and tidal differences for Hartley Bay (Index No. 9130), referenced on Bella Bella, are given in the Tide Tables, Volume 7.
(P00-02.50)
- Page 116 — Paragraph 446, line 1
Delete: differences
Replace by: predictions
(P00-02.51)
- Page 116 — Paragraph 446, line 2
Delete: referenced on Bella Bella
(P00-02.52)
- Page 116 — Paragraph 446, line 2
Delete: Volume 6
Replace by: Volume 7
(P00-02.53)
- Page 118 — Paragraph 503, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.54)
- Page 120 — Paragraph 570, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.55)
- Page 121 — Paragraph 592, line 4
Delete: Volume 6
Replace by: Volume 7
(P00-02.56)
- Page 122 — Paragraph 609, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.57)
- Page 122 — Paragraph 631, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.58)
- Page 124 — Paragraph 675, line 4

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SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Delete: Volume 6 Replace by: Volume 7	(P00-02.59)
Page 126 — Paragraph 19, line 2 Delete: Volume 6 Replace by: Volume 7	(P00-02.60)
Page 126 — Paragraph 20, line 2 – after “given for” Insert: Welcome Harbour (Index No. 9305),	(P00-02.61)
Page 126 — Paragraph 20, line 5 Delete: Volume 6 Replace by: Volume 7	(P00-02.62)
Page 126 — Paragraph 21, line 4 Delete: Volume 6 Replace by: Volume 7	(P00-02.63)
Page 129 — Paragraph 94, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.64)
Page 131 — Paragraph 131, line 2 – after “given for” Insert: Welcome Harbour (Index No. 9305) and	(P00-02.65)
Page 131 — Paragraph 131, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.66)

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SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 131 — Before paragraph 143

Add: 142.1 **Tides.** — Tidal differences for Welcome Harbour (Index No. 9305) and Refuge Bay (Index No. 9306), referenced on Prince Rupert, are given in the Tide Tables, Volume 7.

(P00-02.67)

Page 131 — Paragraph 152, line 3

Delete: Volume 6

Replace by: Volume 7

(P00-02.68)

Page 132 — Paragraph 161, line 2

Delete: 4.9 and 7.7 m (16.3 and 25.2 ft)

Replace by: 5 and 7.6 m (16.4 and 24.8 ft)

(P00-02.69)

Page 132 — Paragraph 161, line 7

Delete: Volume 6

Replace by: Volume 7

(P00-02.70)

Page 147 — Paragraph 396, line 2

Delete: 9329

Replace by: 9327

(P00-02.71)

Page 147 — Paragraph 396, line 3

Delete: Volume 6

Replace by: Volume 7

(P00-02.72)

Page 147 — Paragraph 410, line 3

Delete: Volume 6

Replace by: Volume 7

(P00-02.73)

Page 150 — Paragraph 477, line 3

Delete: Volume 6

Replace by: Volume 7

(P00-02.74)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 152 — Delete paragraph 14

Replace by: 14 **Tides.** — Tidal differences in Queen Charlotte Sound are given for Egg Island (Index No. 8805), referenced on Wadhams (Index No. 8840), tidal differences for Gosling Island (Index No. 8906) and Goose Island (Index No. 8909), referenced on Bella Bella (Index No. 8976) and tidal differences for Cape St. James (Index No. 9502), referenced on Hunger Harbour (Index No. 9570), are given in the Tide Tables, Volume 7.

14.1 Tidal differences for Cape Scott (Index No. 8790), referenced on Tofino (Index No. 8615), are given in the Tide Tables, Volume 6.

(P00-02.75)

Page 153 — After paragraph 33

Add: 33.1 **Tides.** — Tidal differences in Hakai Passage, referenced on Wadhams (Index No. 8840), are given for Adams Harbour (Index No. 8865) in the Tide Tables, Volume 7.

(P00-02.76)

Page 153 — After paragraph 43

Add: 43.1 **Tides.** — Tidal differences for Adams Harbour (Index No. 8865), referenced on Wadhams, are given in the Tide Tables, Volume 7.

(P00-02.77)

Page 157 — Paragraph 105, line 2 – after “8909)”

Insert: and Spider Island (Index No. 8912)

(P00-02.78)

Page 157 — Paragraph 105, line 3

Delete: Volume 6

Replace by: Volume 7

(P00-02.79)

Page 157 — After paragraph 122

Add: 122.1 **Tides.** — Tidal differences for Spider Island (Index No. 8912), referenced on Bella Bella, are given in the Tide Tables, Volume 7.

(P00-02.80)

Page 162 — Paragraph 5, line 3 – after “9077),”

Insert: Beauchemin Channel (Index No. 9082),

(P00-02.81)

Page 162 — Paragraph 5, line 4 – after “9080),”

Insert: Gillen Harbour (Index No. 9105),

(P00-02.82)

Page 162 — Paragraph 5, line 6

Delete: Volume 6

Replace by: Volume 7

(P00-02.83)

Page 163 — Paragraph 43, line 3 – after “9080)”

Insert: and Beauchemin Channel (Index No. 9082)

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	(P00-02.84)
Page 163 — Paragraph 43, line 4 Delete: Volume 6 Replace by: Volume 7	
	(P00-02.85)
Page 166 — Paragraph 94, line 3 Delete: Volume 6 Replace by: Volume 7	
	(P00-02.86)
Page 166 — Paragraph 112, line 3 – after “9077” Insert: and Beauchemin Channel (Index No. 9082)	
	(P00-02.87)
Page 166 — Paragraph 112, line 3 Delete: Volume 6 Replace by: Volume 7	
	(P00-02.88)
Page 166 — After paragraph 119 Add: 119.1 Tides. — Tidal differences for Gillen Harbour (Index No. 9105), referenced on Bella Bella, are given in the Tide Tables, Volume 7.	
	(P00-02.89)
Page 167 — Paragraph 152, line 3 Delete: Volume 6 Replace by: Volume 7	
	(P00-02.90)
Page 168 — Paragraph 154, line 3 Delete: Volume 6 Replace by: Volume 7	
	(P00-02.91)
Page 170 — Paragraph 209, line 3 Delete: Volume 6 Replace by: Volume 7	
	(P00-02.92)
Page 170 — Paragraph 215, line 3 Delete: Volume 6 Replace by: Volume 7	
	(P00-02.93)

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SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 171 — Paragraph 233, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.94)
Page 171 — Paragraph 235, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.95)
Page 173 — Paragraph 285, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.96)
Page 173 — Paragraph 292, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.97)
Page 174 — Paragraph 327, line 4 Delete: Volume 6 Replace by: Volume 7	(P00-02.98)
Page 174 — Paragraph 333, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.99)
Page 179 — Paragraph 357, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.100)
Page 180 — Paragraph 375, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.101)
Paragraph 180 — Paragraph 377, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.102)
Page 180 — Paragraph 392, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.103)
Page 182 — Paragraph 420, line 3	

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SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Delete: Volume 6
Replace by: Volume 7 (P00-02.104)
- Page 183 — Paragraph 453, line 3
Delete: Volume 6
Replace by: Volume 7 (P00-02.105)
- Page 186 — Paragraph 499, line 3
Delete: Volume 6
Replace by: Volume 7 (P00-02.106)
- Page 186 — Paragraph 519, line 3
Delete: Volume 6
Replace by: Volume 7 (P00-02.107)
- Page 190 — Paragraph 621, line 4
Delete: Volume 6
Replace by: Volume 7 (P00-02.108)
- Page 195 — Paragraph 733, line 4
Delete: Volume 6
Replace by: Volume 7 (P00-02.109)
- Page 196 — Delete paragraph 9
Replace by: 9 **Tides.** — Tidal predictions for Langara Point (Index No. 9964) and tidal differences for McPherson Point (Index No. 9963), Wiah Point (Index No. 9940, referenced on Langara Point and for Qlawdzeet Anchorage (Index No. 9315), Hudson Bay Passage (Index No. 9327) and Brundige Inlet (Index No. 9333), referenced on Prince Rupert, are given in the Tide Tables, Volume 7. (P00-02.110)
- Page 198 — Delete paragraph 73
Replace by: 73 **Tides.** — Tidal predictions for Langara Point (Index No. 9964) and tidal differences for McPherson Point (Index No. 9963), referenced on Langara Point, are given in the Tide Tables, Volume 7. (P00-02.111)
- Page 199 — Paragraph 90, line 2
Delete: Bella Bella
Replace by: Langara Point (P00-02.112)
- Page 199 — Paragraph 90, line 3
Delete: Volume 6
Replace by: Volume 7

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SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

	(P00-02.113)
Page 200 — Paragraph 138, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.114)
Page 201 — Paragraph 161, line 2 Delete; Bella Bella Replace by: Langara Point	(P00-02.115)
Page 201 — Paragraph 161, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.116)
Page 201 — Paragraph 163, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.117)
Page 202 — After paragraph 186 Add: 186.1 Tides . — Tidal differences for Solide Passage (Index No. 9960), referenced on Langara Point, are given in the Tide Tables, Volume 7.	(P00-02.118)
Page 203 — Paragraph 209, line 4 Delete: Volume 6 Replace by: Volume 7	(P00-02.119)
Page 204 — Paragraph 238, lines 4 and 5 Delete: Volume 6 Replace by: Volume 7	(P00-02.120)
Page 205 — Paragraph 258, line 2 Delete: Volume 6 Replace by: Volume 7	(P00-02.121)
Page 205 — Paragraph 266, line 9 Delete: Volume 6 Replace by: Volume 7	(P00-02.122)
Page 206 — Paragraph 282, line 3 Delete: Volume 6 Replace by: Volume 7	(P00-02.123)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Page 207 — Paragraph 318, line 5
Delete: Volume 6
Replace by: Volume 7
(P00-02.124)
- Page 207 — Paragraph 337, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.125)
- Page 209 — Paragraph 366, line 4
Delete: Volume 6
Replace by: Volume 7
(P00-02.126)
- Page 210 — Paragraph 402, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.127)
- Page 211 — Paragraph 430, line 4
Delete: Volume 6
Replace by: Volume 7
(P00-02.128)
- Page 212 — Paragraph 450, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.129)
- Page 212 — After paragraph 477
Add: 477.1 **Tides.** — Tidal differences for Granby Bay (Index No. 9443),
referenced on Prince Rupert, are given in the Tide Tables, Volume 7.
(P00-02.130)
- Page 215 — Paragraph 528, line 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.131)
- Page 216 — After paragraph 562
Add: 562.1 **Tides.** — Tidal differences for Davis River (Index No. 9470),
referenced on Prince Rupert, are given in the Tide Tables, Volume 7.
(P00-02.132)
- Page 217 — Paragraph 584, lines 2 and 3
Delete: Volume 6
Replace by: Volume 7
(P00-02.133)
- Page 218 — Delete paragraph 11

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

- Replace by: 11 **Tides.** — Along the east coast of the Queen Charlotte Islands tidal predictions are given for Queen Charlotte (Index No. 9850) in the Tide Tables, Volume 7.
 11.1 Tidal differences for Cape St. James (Index No. 9502), referenced on Hunger Harbour; Rose Harbour (Index No. 9713), Copper Islands (Index No. 9724), Section Cove (Index No. 9733) and Sedgwick Bay (Index No. 9753), referenced on Bella Bella; Pacofi (Index No. 9775) and McCoy Cove (Index No. 9790), referenced on Kitimat, and Shingle Bay (Index No. 9808), referenced on Queen Charlotte, are given in the Tide Tables, Volume 7. (P00-02.134)
- Page 219 — After paragraph 28
 Add: 28.1 **Tides.** — Tidal differences for Cape St. James (Index No. 9502), referenced on Hunger Harbour, are given in the Tide Tables, Volume 7. (P00-02.135)
- Page 221 — Paragraph 82, line 3
 Delete: Volume 6
 Replace by: Volume 7 (P00-02.136)
- Page 223 — After paragraph 133
 Add: 133.1 **Tides.** — Tidal differences for Section Cove (Index No. 9733), referenced on Bella Bella, are given in the Tide Tables, Volume 7. (P00-02.137)
- Page 224 — Paragraph 146, line 3
 Delete: Volume 6
 Replace by: Volume 7 (P00-02.138)
- Page 226 — After paragraph 185
 Add: 185.1 **Tides.** — Tidal differences for Sedgwick Bay (Index No. 9753), referenced on Bella Bella, are given in the Tide Tables, Volume 7. (P00-02.139)
- Page 229 — Paragraph 257, line 2
 Delete: Bella Bella
 Replace by: Kitimat (P00-02.140)
- Page 229 — Paragraph 257, line 3
 Delete: Volume 6
 Replace by: Volume 7 (P00-02.141)
- Page 231 — After paragraph 273
 Add: 273.1 **Tides.** — Tidal differences for Pacofi Bay (Index No. 9775), referenced on Kitimat, are given in the Tide Tables, Volume 7. (P00-02.142)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 232 — After paragraph 304

Add: 304.1 **Tides.** — Tidal differences for McCoy Cove (Index No. 9790),
referenced on Kitimat, are given in the Tide Tables, Volume 7.

(P00-02.143)

Page 235 — Delete paragraph 343

Replace by: 343 **Tides.** — Tidal predictions for Queen Charlotte (Index No.
9850) and tidal differences for Shingle Bay (Index No. 9808), referenced
on Queen Charlotte, are given in the Tide Tables, Volume 7.

(P00-02.144)

Page 236 — After paragraph 355

Add: 355.3 **Tides.** — Tidal differences for Shingle Bay (Index No. 9808),
referenced on Queen Charlotte, are given in the Tide Tables, Volume 7.

(P00-02.145)

Page 238 — After paragraph 395

Add: 395.1 **Tides.** — Tidal predictions for Queen Charlotte (Index No.
9850) are given in the Tide Tables, Volume 7.

(P00-02.146)

Page 240 — Delete paragraph 435

Replace by: 435 Tidal predictions for Queen Charlotte (Index No. 9850) and
tidal differences for Armentières Channel (Index No. 9605) and Trounce
Inlet (Index No. 9625), referenced on Hunger Harbour (Index No. 9570),
are given in the Tide Tables, Volume 7.

(P00-02.147)

Page 243 — After paragraph 453

Add: 453.1 **Tides.** — Tidal differences for Trounce Inlet (Index No. 9625),
referenced on Hunger Harbour, are given in the Tide Tables, Volume 7.

(P00-02.148)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 244 — Delete paragraph 12

Replace by: 12 **Tides.** — Along the west coast of the Queen Charlotte Islands tidal predications for Hunger Harbour (Index No. 9570) and Langara Point (Index No. 9964) are given in the Tide Tables, Volume 7.

12.1 Tidal differences for Cape St. James (Index No. 9502), Gordon Islands (Index No. 9512), Armentières Channel (Index No. 9605), Trounce Inlet (Index No. 9625), referenced on Hunger Harbour, Rose Harbour (Index No. 9713), referenced on Bella Bella, and Shields Bay (Index No. 9650) and Port Louis (Index No. 9671), referenced on Langara Point, are given in the Tide Tables, Volume 7.

(P00-02.149)

Page 246 — Paragraph 41, line 3

Delete: Tofino

Replace by: Hunger Harbour

(P00-02.150)

Page 246 — Paragraph 41, line 4

Delete: Volume 6

Replace by: Volume 7

(P00-02.151)

Page 249 — Delete paragraph 124

Replace by: 124 **Tides.** — Tidal predictions, in Tasu Sound, are given for Hunger Harbour (Index No. 9570) in the Tide Tables, Volume 7.

(P00-02.152)

Page 253 — After paragraph 212

Add: 212.1 **Tides.** — Tidal differences for Armentières Channel (Index No. 9605), referenced on Hunger Harbour, are given in the Tide Tables, Volume 7.

(P00-02.153)

Page 254 — Paragraph 231, line 2

Delete: Tofino

Replace by: Langara Point

(P00-02.154)

Page 254 — Paragraph 231, line 3

Delete: Volume 6

Replace by: Volume 7

(P00-02.155)

SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

Page 256 — Paragraph 274, line 2

Delete: Tofino

Replace by: Langara Point

(P00-02.156)

Page 256 — Paragraph 274, lines 2 and 3

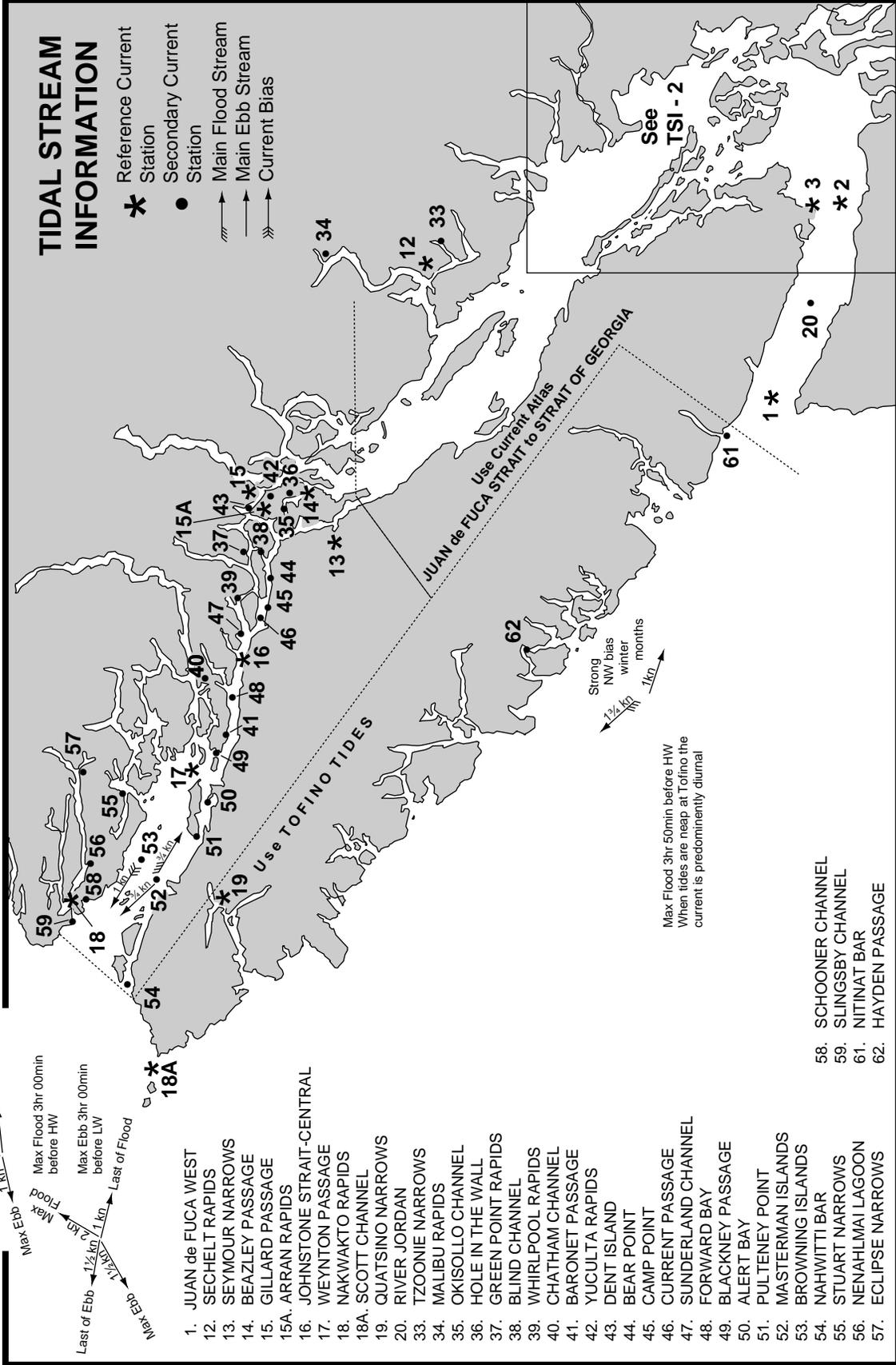
Delete: Volume 6

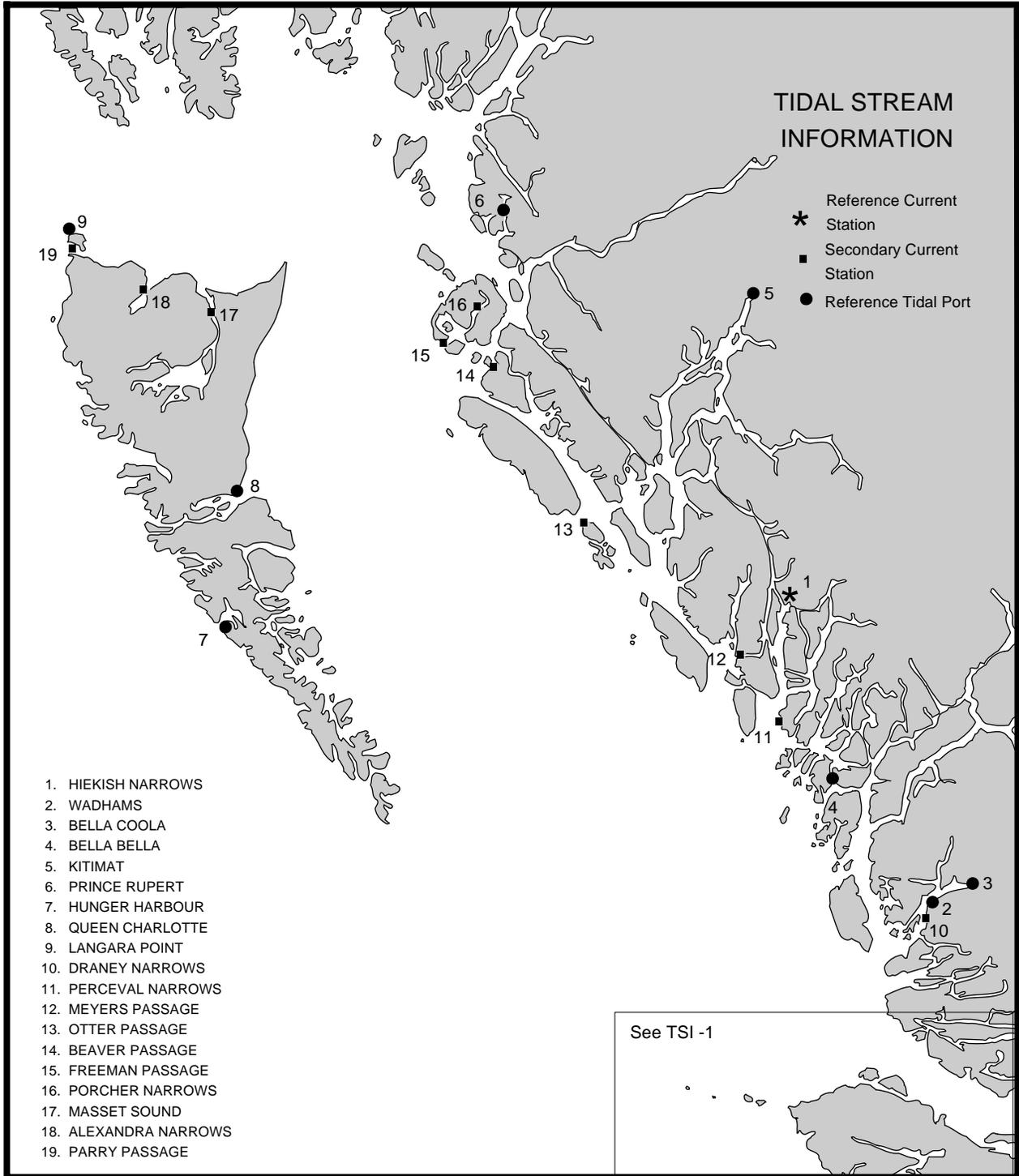
Replace by: Volume 7

(P00-02.157)

TIDAL STREAM INFORMATION

- * Reference Current Station
- Secondary Current Station
- Main Flood Stream
- ← Main Ebb Stream
- ⋈ Current Bias





Section 5

EDN. # 01/00

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

244 G5352	Fulford Harbour	On ferry landing slip. 48 46 11.2 123 27 01	Fl W 4s	6.1	On dolphin.	Privately operated. Year round.
							Horn - Blast 2s; sil. 18s Operated by Ferry personnel when required for ferry movements only.
							Chart:3470 Edn. 01/00

**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, Marine Aids,
Coast Guard,
Department of Fisheries and Oceans,
Ottawa, Ontario, K1A 0E6

In the case of information Canadian
navigational aids or the List
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.