



NOTICES TO MARINERS

WESTERN EDITION

Published monthly by the



CANADIAN COAST GUARD

CONTENTS

	Page
Section 1 Safety and General Information	1 – 11
Section 2 Chart Corrections	12 – 13
Section 3 Radio Aids to Marine Navigation Corrections	14
Section 4 Sailing Directions and Small Craft Guide Corrections	15
Section 5 List of Lights, Buoys and Fog Signals Corrections	16 – 17

Marine Programs Directorate
Aids to Navigation



Internet: <http://www.notmar.com>

ADVISORY

NOTICES TO SHIPPING (WRITTEN AND BROADCAST)

The Canadian Coast Guard is implementing a number of changes to the aids to navigation system in Canada.

These changes are advertised as Notices to Shipping (Broadcast and Written) by the Canadian Coast Guard and are followed up with Notices to Mariners, then charts are updated by hand correction, reprints or new editions.

The publication of Notices to Mariners and chart revisions are being delayed by the volume of changes that are taking place.

Mariners are advised that all relevant Written Notices to Shipping should be kept until superseded by Notices to Mariners or through revised charts issued by the Canadian Hydrographic Service.

Written Notices to Shipping are published weekly and are available from local Canadian Coast Guard Offices.

The Canadian Hydrographic Service is reviewing the impact of these changes with the Canadian Coast Guard and together we are preparing an action plan on the issuing of chart revisions.

For further information contact your local Canadian Coast Guard office.

Newfoundland

St. John's MCTS Centre
Phone: (709) 772-2083
Fax: (709) 772-5369

Maritimes

Maritimes Regional Operations Centre
Toll Free in Maritimes 1-800-565-1633
Phone: (902) 426-6030
Fax: (902) 426-6334
<http://www.mar.dfo.mpo.gc.ca/cg/ops/roc.htm>
Website E-Mail: ROCWeb@mar.dfo-mpo.gc.ca

Quebec

Quebec Regional Operations Centre GC\SO\COR
Operational Information Officer
Phone: (418) 648-5410
Fax: (418) 648-7244
E-Mail: OPSAVIS@dfo-mpo.gc.ca

Central & Arctic

Sarnia MCTS Centre
Toll Free in Ontario 1-800-265-0237
Phone: (519) 337-6360
Fax: (519) 337-2498

Pacific

Vancouver Regional Marine Information Centre
Phone: (604) 666-6011
Fax: (604) 666-8453
E-mail: RMIC-Pacific@pac.dfo-mpo.gc.ca
Notice to Shipping information
<http://www.pacific.ccg-cc.gc.ca/mcts/notship/index.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
Trois-Rivières, QC	314,315	928	46 24 N	72 27 W	321	200
Warton, ON	310,311	918	44 45 N	81 07 W	286	200
Cardinal, ON	308,309	919	44 47 N	75 25 W	306	200
Alert Bay, BC	300,301	909	50 35 N	126 55 W	309	200
Amphitrite Pt., BC	302,303	908	48 55 N	125 33 W	315	200
Richmond, BC	304,305	907	49 11 N	123 07 W	320	200
Sandspit, BC	306,307	906	53 14 N	131 49 W	300	200

DGPS RECEIVER - WARNING

The Canadian Coast Guard's Differential Global Positioning System (DGPS) broadcast contains built in health information designed to alert a DGPS user receiver of an out of tolerance or fault condition. During testing, it was found that some user DGPS receivers did not process the health information properly. Improper processing by a user equipment can result in incorrect positions.

Please contact your DGPS manufacturer or supplier to ensure that your receiver is capable of processing the DGPS Reference Station Health information correctly.

DGPS USER ALERT

The Canadian Coast Guard received reports in March 97 of DGPS receivers apparently ignoring the broadcast alarm which should signal the immediate discontinuation of a particular satellite correction. Reports indicate that some user equipment does not properly recognize this "do-not-use" correction flag and as a result erroneously processes it as a correction. This can result in position errors as large as 15 kilometers while the receiver is in DGPS mode. DGPS users are advised that they should contact the manufacturer of their equipment immediately to determine if they require a receiver upgrade.

DGPS station anomaly report / Rapport d'anomalie des stations DGPS

With the purpose of constantly evaluating the quality of the DGPS service offered, the Canadian Coast Guard is providing the mariner with the following anomaly report. This report will allow us to get well-supported information concerning the anomaly and thus, will facilitate the identification of the origin of the problem. Please fill accordingly each section of this report and forward it by the suggested ways. You will find a legend at the end of this document.

Avec le souci d'évaluer constamment la qualité du service DGPS offert, la Garde côtière met à la disposition du navigateur le présent rapport d'anomalie. Ce rapport servira à bien documenter l'anomalie et, de ce fait, facilitera l'identification ou la recherche de la source du problème. Nous vous prions de bien remplir chaque section de ce rapport et de l'acheminer de la façon suggérée. Vous trouverez une légende à la fin de ce document.

User informations / Renseignements sur l'utilisateur

Vessel name / Nom du navire: _____ Destination: _____

Vessel position at the beginning of the anomaly /

Position du navire au début de l'anomalie : _____

Vessel position at the end of the anomaly /

Position du navire à la fin de l'anomalie : _____

Anomaly report / Rapport d'anomalie

Date and time of the anomaly / Date et heure de l'anomalie: _____ Duration / Durée: _____

Number of satellites tracked on GPS receiver / Nombre de satellites reçu par le récepteur: _____

DGPS site using / Station DGPS utilisée: Freq.: _____ kHz SS: _____ dB SNR: _____ dB

DOP Geometry / Géométrie DOP : _____

User receiver operates correctly with other DGPS sites? /

Votre équipement DGPS fonctionne-t-il normalement à l'utilisation d'autres stations DGPS?: Yes/ Oui ___ No / Non ___

Comments / Commentaires: _____

Point of contact / Personne-ressource: Name/ Nom: _____

Phone / Téléphone : _____

Weather conditions / Conditions météo

Winds / Vents : Direction: _____ Speed / Vitesse: _____ KTS

Temp. °C: _____ VIS: _____ N.M.

Sea State / État de la mer : _____

Bearing and range to electrical storm /

Direction et distance de l'orage : _____

Time of the storm / Heure de l'orage: _____ UTC

Essential informations on user equipment to fill / Renseignements indispensables sur l'équipement à remplir:

User equipment informations / Renseignements sur l'équipement

GPS receiver / Récepteur GPS: Make / Fabricant: _____ Model: _____

DGPS beacon receiver / Démodulateur DGPS: Make / Fabricant : _____ Model: _____

Gyro interface with GPS / Gyro intégré avec le GPS? Yes / Oui : _____ No / Non : _____

DGPS interfaced with an ECDIS / DGPS intégré dans un SVCEI? Yes / Oui: _____ No / Non : _____

If yes, please fill below / Si oui, S.V.P. compléter ci-dessous:

ECDIS / SVCEI: Make / Fabricant: _____ Model: _____

Radar image interfaced / Image radar intégrée?: Yes / Oui: _____ No / Non: _____

Gyro interfaced with ECDIS / Gyro intégré avec SVCEI? Yes / Oui: _____ No / Non: _____

Permanent installation or in evaluation / Installation permanente ou en évaluation : _____

This report can be sent the following ways / Ce rapport peut être acheminé selon les façons suivantes:

- 1) Fax / Par télécopieur : (613) 998-8428
Attention: Aids to Navigation / Aides à la navigation

- 2) Mail / Par la poste: Director, Navigation Systems Branch
Department of Fisheries and Oceans
200 Kent Street, Station 5130
Ottawa, ON
K1A 0E6

Directeur, Direction des systèmes à la navigation maritimes
Ministère des Pêches et Océans
200, rue Kent, Station 5130
Ottawa, ON
K1A 0E6

Canada

Legend/Légende

- Position** : Position can be provided by latitude, longitude, bearing and distance, location of a buoy, etc.
La position peut être donnée en latitude, longitude, relèvement et distance, emplacement de bouée, etc.
- KTS** : Wind speed in knots / Vitesse du vent en noeuds.
- N.M.** : Visibility in Nautical Miles / Visibilité en milles nautiques.
- Freq. kHz** : Frequency in kilohertz / Fréquence en kilohertz .
- SS** : Signal strength in decibel / Force de signal en décibel.
- SNR** : Signal to noise ratio in decibel / Rapport signal-bruit en décibel .
- DOP (dilution of precision)** : Measure of the geometrical «strength » of the GPS satellite configuration. The DOP is measured on a scale of 1 to 10 / Mesure de la « force » géométrique de la configuration satellite. Le DOP est mesuré sur une échelle de 1 à 10
- SVCEI / ECDIS** : Electronic Chart Display and Information System / Système de Visualisation de Cartes
Electroniques et d'Information .

MONTHLY EDITION OF NOTICES TO MARINERS

MAILING LIST CHANGES

Superintendent, Information and Publications
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

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INDEX

CANADA - 96 HOURS NOTIFICATION PRIOR TO ENTERING CANADIAN WATERS - CAUTION.....	1
CANADA, WEST COAST - AREA TO BE AVOIDED OFF THE WASHINGTON COAST.....	11
- TRAFFIC SEPARATION SCHEMES - JUAN DE FUCA STRAIT AND APPROACHES AND STRAIT OF GEORGIA.....	9
- TWO WAY-ROUTE IN JUAN DE FUCA STRAIT.....	9
CANADIAN COAST GUARD PUBLICATION - AMENDMENT TO THE RADIO AIDS TO MARINE NAVIGATION (PACIFIC AND WESTERN ARCTIC) PUBLICATION - 2002.	14
CANADIAN HYDROGRAPHIC SERVICE - CHARTS.	1
- CUMULATIVE CHART CORRECTION LIST.....	6
- ELECTRONIC NAVIGATION CHARTS S-57.....	2
- INFORMATION ABOUT CHS CHART DEALERS.....	3

NUMERICAL INDEX OF CANADIAN CHARTS AFFECTED

Chart No.	Page	Chart No.	Page	Chart No.	Page
L/C 3000	12				
3001	12				
3312	12				
3313	12				
3410	12				
3559	12				
L/C 3602	12				
3603	12				
3606	13				
3674	13				
3733	1				
3738	13				
5397	13				

**SECTION 1 – Edition 11/2002
SAFETY AND GENERAL INFORMATION**

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

Effective October 11th, 2001, 0000 UTC, all vessels that are:

- a) of 500 gross tonnage or more;
- b) engaged in towing or pushing a vessel, where the combined tonnage of the ship and the vessel being towed or pushed is 500 tons gross tonnage or more; or
- c) carrying a pollutant or dangerous goods, or engaged in towing or pushing a vessel carrying a pollutant or dangerous goods;

must request clearance 96 hours prior to entering Canadian waters from seaward, or as soon as practical where the estimated time of arrival of the ship in Canadian waters is less than 96 hours after the time the ship departed its last port of call. This will remain in effect until further notice.

CANADIAN HYDROGRAPHIC SERVICE - CHARTS.

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
New Chart	All temporary and preliminary notices affecting the previous version of the following charts are now cancelled. For any outstanding notices please consult section 2 of this edition.				
3733	Catala Passage	1:20 000	30-AUG-2002	2	\$12.00
	This chart incorporates new survey information including multi-beam echo sounder data providing complete seabed coverage for some areas. Full colour presentation and revised limits provide the mariner with a greatly improved product allowing safe navigation within this complex area. The chart is metric, bilingual and on North American Datum 1983 allowing easy GPS compatible navigation. Chart 3733 replaces Preliminary Print 3733A. This was a hand drawn, monochrome chart compiled from old survey data in 1955. It was unilingual and based on a horizontal datum that did not allow easy GPS navigation.				
Chart Permanently Withdrawn					
3733A	Catala Passage				
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/Côte de l'Atlantique et baie de Fundy		01-JAN-2003		\$5.00
	Canadian Tide and Current Tables/Tables des marées et courants du Canada Volume 2 - Gulf of St. Lawrence/Golfe du Saint-Laurent		01-JAN-2003		\$5.00
	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-2003		\$5.00
	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-2003		\$5.00
	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 Georgie		01-JAN-2003		\$5.00
	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-2003		\$5.00

**SECTION 1 – Edition 11/2002
SAFETY AND GENERAL INFORMATION**

NEW PUBLICATIONS			
	MAIN TITLE	PUBLISHED	PRICE
	Canadian Tide and Current Tables/Tables des marées et courants du Canada Volume 7 - Queen Charlotte Sound	01-JAN-2003	\$5.00

CANADIAN HYDROGRAPHIC SERVICE - ELECTRONIC NAVIGATION CHARTS S-57.

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

**Nautical Data International Inc.
P.O. Box 127, Station C
St. John's, Newfoundland
A1C 5H5
Telephone: 1-800-563-0634 or 1-709-576-0634
Facsimile: 709-576-0636**

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

RELEASED PRODUCTS

S-57 ENC NUMBER	CHART TITLE
CA570219	Comox Harbour
CA470259	Smith Inlet, Boswell Inlet and/et Draney Inlet
CA570260	Draney Narrows
CA570319	Namu Harbour
CA470349	Burke Channel
CA673296	Nanticoke Wharves
CA476006	Annapolis Basin
CA576008	Digby
CA376093	Flint Island to Cape Smoky
CA476190	Bay of Islands
CA276241	Bay of Fundy (Inner Portion)
CA276312	Cobequid Bay Continuation A
CA276367	Georges Bank/Banc de Georges - Eastern Portion/Partie Est
CA570132	Darby Channel
CA470135	Continuation A
CA570212	Head of/Fond de Pipestem Inlet
CA570222	Havannah Channel and/et Chatham Channel
CA570246	Neroutsos Inlet
CA470338	Barkley Sound (Part 2 of 3)
CA470364	Approaches to/Approches à Portland Inlet (Eastern Portion, Part 2 of 2)
CA470369	Hudson Bay Passage (Western Portion, Part 1 of 2)
CA373090	Pointe aux Pins to/à Point Pelee
CA473232	Île Saint-Regis to Croil Islands
CA373234	Scotch Bonnet Island to/à Cobourg
CA576003	Halifax Harbour - Point Pleasant to/à Bedford Basin
CA376011	Approaches to Saint John / Approches a Saint John
CA376137	Sable Island/Ile de Sable, Western Portion/Partie Ouest
CA476141	Great Bras D'Or and/et St. Patricks Channel
CA479014	Batiscan au/to Lac Saint-Pierre
CA579016	Port de Becancour
CA479025	Sault-au Cochon à/to Quebec
CA579031	Pointe de la Rivière du Loup
CA573011	Approaches to/Approches à Parry Sound

**SECTION 1 – Edition 11/2002
SAFETY AND GENERAL INFORMATION**

CANADIAN HYDROGRAPHIC SERVICE - INFORMATION ABOUT CHS CHART DEALERS.

1 – NEWLY APPOINTED CHART DEALERS

<p>L'Entrepôt Marine Inc. 5150, boul. Dagenais Ouest Laval, Québec, H7R 1L8 Tel: (450) 627-2157, 1-866-627-2269 Fax: (450) 627-2269 Web: www.entrepotmarine.com</p>	<p>L.U. Maughan Company Limited 5 McMurray Street Parry Sound, Ontario, P2A 1E6 Tel: (705) 746-5805 Fax: (705) 746-7276 Email: lumco@parrysoundsurveyors.com Web: www.parrysoundsurveyors.com</p>
<p>Maple Crest Motel and Cabins P.O. Box 7, 8 Rideau Ferry Road Rideau Ferry, ON, K0G 1W0 Tel: (613) 283-4804 Fax: (613) 283-9143 Email: infomaplecrest@igs.net Web: www.maplecrestmotelandcabins.ca</p>	<p>Nautical Data International, Inc. 1 Military Road, P.O. Box 127 St. John's, Nfld. Lab., A1C 2C3 Tel: (709) 576-0634 Fax: (709) 576-0636 Email: mdalton@ndi.nf.ca Web: www.digitalocean.ca</p>
<p>Northway-Photomap Inc. 44 Upjohn Road Toronto, Ontario, M3B 2W1 Tel: (416) 441-6025 Fax: (416) 441-2432 Email: rt@photomaptld.com Web: www.northway-photomap.com</p>	<p>Pride Marine Group Inc. 4032 Bath Road Kingston, Ontario, K7M 4Y4 Tel: (613) 634-1900 Fax: (613) 634-1900 Email: wilby@pridemarine.com Web: www.pridemarine.com</p>
<p>Sturgeon Falls Sports & Marine 114 Front Street Sturgeon Falls, Ontario, P2B 2H8 Tel: (705) 753-5595 Fax: (705) 753-5769 Email: sportsmarine@on.aibn.com Web: www.sfsportsmarine.com</p>	<p>The Boat Store Inc. 70589 Ontario St North, P.O. Box 490 Grand Bend, Ontario, N0M 1T0 Tel: (519) 238-1577 Fax: (519) 238-1578 Email: kate@theboatstore.ca Web: www.theboatstore.ca</p>
<p>Tununiq Travel and Adventure House 105, P.O. Box 25 Pond Inlet, NU X0A 0S0 Tel: (867) 899-8194 Fax: (867) 899-8194 Email: marian@tununiq.com Web: www.tununiq.com</p>	<p>Pointe au Baril Chamber of Commerce Information Booth Hwy 69, P.O. Box 67 Pointe au Baril, ON P0G 1K0 Tel: (705) 366-2331 Fax: (705) 366-2331 Email: pabinfo@zeuter.com</p>

**SECTION 1 – Edition 11/2002
SAFETY AND GENERAL INFORMATION**

1 – NEWLY APPOINTED CHART DEALERS

<p>Corp of the Township of Pelee Scudder Marina 1045 West Shore Road Pelee Island, ON N0R 1M0 Tel: (519) 724-2931 (519) 724-2377 (marina) Fax: (519) 724-2470 Email: cap11@mnsi.net Web: www.pelee.org</p>	<p>O.P.S. Kayak de Mer 986, chemin du Roi Longue-Pointe-de-Mingan, Qc G0G 1V0 Tel: (418) 949-2877 Fax: (418) 949-2878 Email: opskayak@globetrotter.net Web: www.opskayak.com</p>
<p>Rob's Marine Service Inc. Harbour West Marina 4 – 319 Champlain Road Penetanguishene, Ontario L9M 1S3 Tel: (705) 549-6046 Fax: (705) 549-8429 Email: rmarine@csolve.net</p>	

2 - DEALER ADDRESS CHANGE

<u>OLD ADDRESS</u>	<u>NEW ADDRESS</u>
<p>Cranberry Marina 1 Harbour Street Collingwood, Ontario L9Y 4T9 Tel: (705) 444-1251 Fax: (705) 444-4739</p>	<p>Cranberry Marina c/ o King Marine Service 115 First Street, Suite 552 Collingwood, Ontario L9Y 4W3 Tel: (705) 444-1251 Fax: (705) 444-4739</p>
<p>Boutique Neige et Vent Enr 4, boul. Taché Est Montmagny, Québec, G5V 1B7 Tel: (418) 248-6015 Fax: (418) 248-7073</p>	<p>Boutique Neige et Vent Enr 12 Sainte-Brigitte Nord Montmagny, Québec, G5V 2Z7 Tel: (418) 248-6015 Fax: (418) 248-7073</p>
<p>Gordon Marine (Gananoque) Limited 129 South Street Gananoque, Ontario, K7G 1A1 Tel: (613) 382-4315 Fax: (613) 382-8615 Email: webmaster@gordonmarine.com</p>	<p>Gordon Marine (Gananoque) Limited 129 South Street Gananoque, Ontario, K7G 1A1 Tel: (613) 382-4315 Fax: (613) 382-8615 Email: office@gordonmarine.com Web: www.gordonmarine.com</p>

**SECTION 1 – Edition 11/2002
SAFETY AND GENERAL INFORMATION**

2 - DEALER ADDRESS CHANGE

<u>OLD ADDRESS</u>	<u>NEW ADDRESS</u>
Halltech Environmental Inc. 503 Imperial Road N., Unit 4 Guelph, Ontario, N1H 6T9 Tel: (519) 766-4568, 1-866-425-5832 Fax: (519) 766-0729 Email: sales@htex.com Web: www.htex.com	Halltech Environmental Inc. 129 Watson Road South Guelph, Ontario, N1L 1E4 Tel: (519) 766-4568, 1-866-425-5832 Fax: (519) 766-0729 Email: sales@htex.com Web: www.htex.com
Muskoka Outfitters 40 Manitoba Street Bracebridge, Ontario P1L 1S1 Tel: (705) 646-0492 Fax: (705) 646-0493 Email: mail@muskokaoutfitters.com Web: www.muskokaoutfitters.com	Muskoka Outfitters 60 Manitoba Street Bracebridge, Ontario P1L 1S1 Tel: (705) 646-0492 Fax: (705) 646-0493 Email: mail@muskokaoutfitters.com Web: www.muskokaoutfitters.com
Riverview Cottages Box 4, Dokis Reserve P.O. Monetville, ON P0M 2K0 Tel: (705) 763-2127 Fax: (705) 763-2486 Email: migis@sympatico.ca	Riverview Cottages Site 2, Box 4 Dokis First Nation, ON P0M 2K0 Tel: (705) 763-2127 Fax: (705) 763-2486 Email: migis@sympatico.ca
Sunlit Bay Cottages R.R. #1 Callander, ON P0H 1H0 Tel: (705) 752-1040	Sunlit Bay Cottages 123 Sandy Bay Road Callander, ON P0H 1H0 Tel: (705) 752-1040

3 – THE FOLLOWING ARE NO LONGER AUTHORIZED CHS CHART DEALERS

Evan's Sport Shop 198 Main Street, Box 877 Sturgeon Falls, ON P0H 2G0	Gallivan's Book Store 136 Newcastle Blvd. Miramichi, New Brunswick E1V 2L7
Dept. of Natural Resources & Energy Hugh John Fleming Forestry Center 1350 Regent Street, P.O. Box 600 Fredericton, NB E3C 2G6	Roszell-Warner Marine Inc. P.O. Box 339, Highway 21 North Grand Bend, ON N0M 1T0

**SECTION 1 – Edition 11/2002
SAFETY AND GENERAL INFORMATION**

3 – THE FOLLOWING ARE NO LONGER AUTHORIZED CHS CHART DEALERS

Marina Jean Beaudoin 25 – 94e Avenue Montréal, QC H1A 2E3	Bill & Jack's Marina Cty Rte 195, P.O. Box 463 Fisher's Landing, NY 13641 U.S.A.
Water Ways 485 Froid Road Sudbury, ON P3C 5A2	Marina de l'Outaouais Inc. 134 Edwards Street Rockland, ON K4K 1J1
American Nautical Services Inc. dba Navigation Center 250 N.E. 3 rd Street Miami, FL 33132, U.S.A.	Canadian Boaters Wholesale Inc. 5405 Eglinton Avenue West, Suite 215 Etobicoke, ON M9C 5K6
Reading Information Technology Inc. 274 Main Street, STE 302 Reading, MA 01867 U.S.A.	Halcyon Haven Bait & Tackle 1 Dock Street, Box 26 Rossport, ON P0T 2R0

CANADIAN HYDROGRAPHIC SERVICE - CUMULATIVE CHART CORRECTION LIST.

The accompanying correction list is a cumulative listing of charts affected by Notices to Mariners from 02-SEP-2002 to 29-NOV-2002.

Chart No.	Notices to Mariners Edition Date
1220	27-SEP-2002
1221	29-NOV-2002
1226	29-NOV-2002, 22-NOV-2002
1229	(15-DEC-1995 Reprint Withdrawn)
1230	(10-MAY-2002 New Edition Advertised)
1233	04-OCT-2002, 27-SEP-2002
1234	29-NOV-2002, 04-OCT-2002
1235	04-OCT-2002
1310	29-NOV-2002
1312	29-NOV-2002
1315	(21-JUN-2002 New Edition Advertised)
1409	29-NOV-2002, (12-APR-2002 New Edition Advertised)
1433	18-OCT-2002, (P)18-OCT-2002
1434	27-SEP-2002
1437	25-OCT-2002, 18-OCT-2002
1509	01-NOV-2002, 18-OCT-2002, 04-OCT-2002, 27-SEP-2002
1510	(P)18-OCT-2002, (P)27-SEP-2002, (14-JUN-2002 New Edition Advertised)
1515	01-NOV-2002
1550	04-OCT-2002
1553	27-SEP-2002
1554	06-SEP-2002
2007	18-OCT-2002, 11-OCT-2002
2011	06-SEP-2002
2023	06-SEP-2002
2024	06-SEP-2002
2025	(29-MAR-2002 New Edition Advertised)

**SECTION 1 – Edition 11/2002
SAFETY AND GENERAL INFORMATION**

Chart No.	Notices to Mariners Edition Date
2028	(02-AUG-2002 New Edition Advertised)
2069	18-OCT-2002, 11-OCT-2002, 06-SEP-2002
L/C2100	27-SEP-2002
L/C2120	(P)08-NOV-2002
2200	06-SEP-2002
2203	25-OCT-2002
2205	13-SEP-2002
L/C2243	25-OCT-2002
2244	25-OCT-2002
2245	(26-JUL-2002 New Edition Advertised)
2257	11-OCT-2002
2259	(26-JUL-2002 New Edition Advertised)
2311	29-NOV-2002
2314	04-OCT-2002
L/C3000	29-NOV-2002
3001	29-NOV-2002
3312	15-NOV-2002
3313	01-NOV-2002
3410	15-NOV-2002
3476	(06-SEP-2002 Reprint Advertised)
L/C3512	20-SEP-2002
3559	15-NOV-2002
3598	20-SEP-2002
L/C3602	29-NOV-2002
3603	29-NOV-2002
3606	29-NOV-2002
3646	20-SEP-2002
3674	29-NOV-2002
3676	(30-AUG-2002 Reprint Advertised)
3726	(16-AUG-2002 Reprint Advertised)
3733	(30-AUG-2002 New Chart Advertised)
3738	15-NOV-2002
3742	27-SEP-2002, (23-AUG-2002 Reprint Advertised)
3934	20-SEP-2002
3936	20-SEP-2002
4001	27-SEP-2002, 20-SEP-2002
L/C4002	20-SEP-2002
L/C4011	(P)13-SEP-2002
L/C4012	(P)13-SEP-2002
4013	(P)06-SEP-2002, (06-SEP-2002 New Edition Advertised)
L/C4016	(T)27-SEP-2002
L/C4021	20-SEP-2002
4024	22-NOV-2002
L/C4025	(T)18-OCT-2002
4026	25-OCT-2002
4047	(T)27-SEP-2002
L/C4049	(T)27-SEP-2002
4117	(12-JUL-2002 New Edition Advertised)
4145	18-OCT-2002
4211	04-OCT-2002
L/C4240	04-OCT-2002
4277	11-OCT-2002
L/C4367	11-OCT-2002
4379	04-OCT-2002
4381	06-SEP-2002
4385	15-NOV-2002, (P)15-NOV-2002, 25-OCT-2002
4399	(23-AUG-2002 New Edition Advertised)
4416	(T)29-NOV-2002
4426	(02-AUG-2002 New Edition Advertised)

**SECTION 1 – Edition 11/2002
SAFETY AND GENERAL INFORMATION**

Chart No.	Notices to Mariners Edition Date
4432	27-SEP-2002
4443	(26-JUL-2002 New Edition Advertised)
4446	(23-AUG-2002 New Edition Advertised)
4452	06-SEP-2002
4483	18-OCT-2002
L/C4485	22-NOV-2002
4486	22-NOV-2002, 25-OCT-2002, (T)25-OCT-2002
4509	11-OCT-2002
4615	04-OCT-2002
4617	(17-MAY-2002 New Edition Advertised)
4619	04-OCT-2002
4624	04-OCT-2002
L/C4625	11-OCT-2002
4642	11-OCT-2002
4725	(23-AUG-2002 New Edition Advertised)
4773	(31-MAY-2002 New Edition Advertised)
L/C4776	(09-AUG-2002 New Edition Advertised)
4817	(T)27-SEP-2002, (23-AUG-2002 New Edition Advertised)
4825	27-SEP-2002
4839	18-OCT-2002
4844	(T)27-SEP-2002
L/C4851	18-OCT-2002, 04-OCT-2002
4852	04-OCT-2002
4853	18-OCT-2002
4857	25-OCT-2002
4912	11-OCT-2002, (P)04-OCT-2002
L/C4951	08-NOV-2002
L/C4952	08-NOV-2002
4955	29-NOV-2002
4980	01-NOV-2002
5133	11-OCT-2002
5134	(13-SEP-2002 New Edition Advertised)
5138	18-OCT-2002
5397	01-NOV-2002, 25-OCT-2002
5398	25-OCT-2002
5640	18-OCT-2002
6022	01-NOV-2002
6201	(09-AUG-2002 New Edition Advertised)
6213	06-SEP-2002
6249	13-SEP-2002
6271	(15-NOV-2002 New Edition Advertised)
6286	(06-SEP-2002 New Edition Advertised)
6287	(07-JUN-2002 New Edition Advertised)
8007	(30-AUG-2002 New Edition Advertised)
8011	(T)27-SEP-2002, (30-AUG-2002 New Edition Advertised)
8012	(11-OCT-2002 New Edition Advertised)
C-4	(25-JUL-1986 New Chart Withdrawn)

SECTION 1 – Edition 11/2002
SAFETY AND GENERAL INFORMATION

CANADA, WEST COAST - TWO WAY-ROUTE IN JUAN DE FUCA STRAIT.

Reference: Preliminary Notice published in Section I, Edition 08/2002 is cancelled.

Two-way route in Juan de Fuca Strait

3461 – Juan de Fuca Strait, Eastern Portion/Partie Est – New Edition –NAD 1983,

3601 – Juan de Fuca Strait to/à Vancouver Harbour – New Edition – NAD 1983,

3602 – Approaches to/Approches à Juan de Fuca Strait – New Edition – NAD 1983

3606 – Juan de Fuca Strait – New Edition – NAD 1983

Mariners are reminded that a recommended two-way route has been established south of the Traffic Separation Scheme in Juan de Fuca Strait for those smaller, slower moving vessels that normally do not use the separation scheme in the Strait. This route will come into force at 0000 Coordinated Universal Time (UTC) on **1 December, 2002**.

New editions of the relevant charts are now available from the Canadian Hydrographic Service Chart Sales and Distribution office and from chart dealers. Mariners should familiarize themselves with the new routing scheme and ensure that the latest up-to-date editions are on board as of the change-over date. Particular attention should also be paid to the conduct of other vessels in the vicinity who may not yet be familiar with the new route.

Inbound vessels to the Juan de Fuca Strait that have been unable to obtain the latest edition charts should contact the Canadian Coast Guard MCTS Centre (“Tofino Traffic”) on VHF channel 74 for information and/or guidance concerning this new route.

Mariners should also be aware that ENC charts of the area may not be available as of the change-over date, in which case the appropriate paper charts should be referenced for navigation. The new routing system has not been incorporated into small craft recreational chart 3313. For changes affecting this publication see: www.charts.gc.ca

or contact:

Canadian Hydrographic Service
Chart Sales and Distribution
PO Box 6000
9860 West Saanich Road
Sidney, B.C.
V8L 4B2

chartsales@pac.dfo-mpo.gc.ca

Phone: 250-363-6358

Fax: 250-363-6841

CANADA, WEST COAST - TRAFFIC SEPARATION SCHEMES - JUAN DE FUCA STRAIT AND APPROACHES AND STRAIT OF GEORGIA.

Reference: The Preliminary Notice published in Section I, Edition 08/2002 is cancelled.

Traffic Separation Schemes – Juan de Fuca Strait and approaches, and Strait of Georgia

**SECTION 1 – Edition 11/2002
SAFETY AND GENERAL INFORMATION**

3440 - Race Rocks to/à D'Arcy Island – New Edition – NAD 1983

3461 – Juan de Fuca Strait, Eastern Portion/Partie Est – New Edition –NAD 1983.

3462 - Juan de Fuca Strait to/à Strait of Georgia – New Edition - NAD 1983.

3463 - Strait of Georgia, Southern Portion/Partie Sud – New Edition - NAD 1983.

3492 – Roberts Bank – New Edition – NAD 1983

3601 – Juan de Fuca Strait to/à Vancouver Harbour – New Edition – NAD 1983.

3602 - Approaches to/Approches à Juan de Fuca Strait – New Edition – NAD 1983

3606 - Juan de Fuca Strait – New Edition – NAD 1983

Mariners are reminded that the revised traffic separation schemes in the Juan de Fuca Strait and approaches and in the Strait of Georgia will come into force at 0000 Coordinated Universal Time (UTC), on **1 December, 2002**.

New editions of the relevant charts are now available from the Canadian Hydrographic Service Chart Sales and Distribution office and from chart dealers. Mariners should familiarize themselves with the new routing systems and ensure that the latest up-to-date editions are on board as of the change-over date. Particular attention should also be paid to the conduct of other vessels in the vicinity who may not yet be familiar with the new systems.

Inbound vessels to the Juan de Fuca Strait that have been unable to obtain the latest edition charts should contact the Canadian Coast Guard MCTS Centre (“Tofino Traffic”) on VHF channel 74 for information and or guidance concerning the new separation scheme.

Mariners should also be aware that ENC charts may not be available as of the change-over-date, in which case the appropriate paper charts should be referenced for navigation. The new routing system has not been incorporated into small craft recreational chart 3313. For changes affecting this publication see:

www.charts.gc.ca

or contact:

Canadian Hydrographic Service
Chart Sales and Distribution
PO Box 6000
9860 West Saanich Road
Sidney, B.C.
V8L 4B2

chartsales@pac.dfo-mpo.gc.ca

Phone: 250-363-6358

Fax: 250-363-6841

Major changes to the system will be:

- a) the re-configuration and extension further offshore of the traffic lanes at the entrance to Juan de Fuca Strait.
- b) the modification of the location, orientation, and dimensions of the existing Traffic Separation Scheme in Juan de Fuca Strait,

**SECTION 1 – Edition 11/2002
SAFETY AND GENERAL INFORMATION**

- c) the re-location of the Pilot Area and the re-configuration of the traffic lanes and precautionary area off Port Angeles,
- d) the expansion of Precautionary Area “RB” at the south end of Rosario Strait,
- e) the re-alignment of the existing Separation Scheme with the Separation Scheme north of Rosario Strait and their linkage with a new Precautionary Area off East Point,
- f) the creation of a new Precautionary Area in the Strait of Georgia west of Deltaport and the Tsawassen Ferry Terminal.

CANADA, WEST COAST - AREA TO BE AVOIDED OFF THE WASHINGTON COAST.

Reference: The Preliminary Notice published in Section I, Edition 08/2002 is cancelled.

Area to be Avoided “Off the Washington Coast”

3601 – Juan de Fuca Strait to/à Vancouver Harbour – New Edition - NAD 1983

3606 – Juan de Fuca Strait – New Edition – NAD 1983

3602 – Approaches to/Approches à Juan de Fuca Strait – New Edition – NAD 1983

Mariners are reminded that the expanded boundaries and applicability of the Area to be Avoided in the vicinity of the Olympic Coast Marine Sanctuary off the Washington coast will come into force at 0000 Coordinated Universal Time (UTC) on **1 December, 2002**.

As of that date, the Area to be Avoided will be extended to apply to all ships and barges carrying cargoes of oil or hazardous materials, and to all ships of 1600 gross tonnage and above solely in transit.

New editions of the relevant charts are now available from the Canadian Hydrographic Service Chart Sales and Distribution Office and from chart dealers. Mariners should familiarize themselves with the new Area to be Avoided and should ensure that the up-to-date latest editions are on board as of the change-over date. Particular attention should also be paid to the conduct of other vessels in the vicinity who may not yet be familiar with the new area.

Inbound vessels who have been unable to obtain the latest edition charts should contact the Canadian Coast Guard MCTS Centre (Tofino Traffic) on VHF channel 74 for information and/or guidance concerning the new system.

Mariners should also be aware that ENC charts may not be available as of the change-over date, in which case the appropriate paper charts should be referenced for navigation.

**SECTION 2 – Edition 11/2002
CHART CORRECTIONS**

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

29-NOV-2002 LNM/D. 25-JAN-2002
Delete radiobeacon marked RC 49°22'59.0"N 126°32'38.0"W
DFO(6200415-01)

Reposition light buoy "J" and Racon from 48°29'12.0"N 124°43'36.0"W
to 48°29'37.0"N 125°00'00.0"W
DFO(6200418-01)

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

29-NOV-2002 LNM/D. 22-FEB-2002
Delete radiobeacon marked RC 49°22'59.0"N 126°32'38.0"W
DFO(6200415-01)

Delete red sector from light 48°23'30.0"N 124°44'12.0"W
The light and structure remain. DFO(6200417-01)

Reposition yellow light buoy "J" and Racon from 48°29'12.0"N 124°43'36.0"W
to 48°29'37.0"N 125°00'00.0"W
DFO(6200418-01)

Amend FI(2) WR 20s 165ft 14M to read FI(2) 20s 165ft 18M 48°23'30.0"N 124°44'12.0"W
DFO(6200417-02)

3312 - Okeover Inlet - Sheet 14 - New Chart - 31-JAN-1986 - NAD 1927

15-NOV-2002 LNM/D. 21-JUN-2002
Add marine farm 49°59'03.6"N 124°41'51.9"W
DFO(6200412-01)

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

01-NOV-2002 LNM/D. 02-AUG-2002
Delete port daybeacon 48°26'15.3"N 123°22'50.7"W
DFO(6200422-02)

3410 - Sooke Inlet to/à Parry Bay - New Chart - 24-MAR-1995 - NAD 1983

15-NOV-2002 LNM/D. 20-JUL-2001
Delete radio tower 48°21'34.4"N 123°44'57.7"W
DFO(6200411-01)

3559 - Continuation A - New Chart - 15-JUN-1979 - NAD 1927

15-NOV-2002 LNM/D. (95-1990)
Add marine farm 49°59'03.6"N 124°41'51.9"W
DFO(6200412-01)

L/C3602 - Approaches to/Approches à Juan de Fuca Strait - New Edition - 24-MAY-1985 - NAD 1927

29-NOV-2002 LNM/D. 22-FEB-2002
Delete red sector from light 48°23'34.0"N 124°44'07.0"W
The light and structure remain. DFO(6200417-01)

Amend FI(2) WR 20s 50m 20M to read FI(2) 20s 50m 18M 48°23'34.0"N 124°44'07.0"W
DFO(6200417-02)

3603 - Ucluelet Inlet to/à Nootka Sound - New Edition - 23-OCT-1981 - NAD 1927

29-NOV-2002 LNM/D. 21-JUN-2002
Delete radiobeacon marked RC 49°22'59.4"N 126°32'33.2"W
DFO(6200415-01)

**SECTION 2 – Edition 11/2002
CHART CORRECTIONS**

3606 - Juan de Fuca Strait - New Edition - 23-FEB-2001 - NAD 1983

29-NOV-2002

Delete red sector from light
Light and structure remain.

LNMD. 07-SEP-2001
48°23'30.0"N 124°44'12.0"W

DFO(6200417-01)

Amend FI(2) WR 20s 50m 14M to read FI(2) 20s 50m 18M

48°23'30.0"N 124°44'12.0"W
DFO(6200417-02)

3674 - Millar Channel to à Estevan Point - New Chart - 01-DEC-1995 - NAD 1983

29-NOV-2002

Delete radiobeacon marked RC

LNMD. 26-JAN-2001
49°22'58.7"N 126°32'38.5"W

DFO(6200415-01)

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

15-NOV-2002

Add rock which covers and uncovers, marked 'Rep 2002 PA'

LNMD. 07-JUL-2000
52°53'00.7"N 128°31'24.0"W

DFO(6200409-01)

5397 - Dawson Inlet to Marble Island - New Chart - 04-NOV-1960 - Astronomic Positioning

01-NOV-2002

Delete beacon

LNMD. 25-OCT-2002
62°10'48.0"N 092°35'09.0"W

DFO(6600475-01)

Amend FI 6s 71ft to read FI 6s 77ft 7M against light

62°15'15.0"N 092°00'18.0"W
LL(2601) DFO(6600467-01)

Add radiobeacon

62°14'26.0"N 092°36'35.0"W
DFO(6600468-01)

Add radio tower R Lts with elevation of 239ft

62°14'26.0"N 092°36'35.0"W
DFO(6600468-02)

Add AERO light

62°14'26.0"N 092°36'35.0"W
DFO(6600468-03)

SECTION 3 – Edition 11/2002
CORRECTIONS TO RADIO AIDS TO MARINE NAVIGATION

CANADIAN COAST GUARD PUBLICATION - AMENDMENT TO THE RADIO AIDS TO MARINE NAVIGATION (PACIFIC AND WESTERN ARCTIC) PUBLICATION - 2002.

Page 2-32

Change the Identifier for RACON – SEAL ROCKS

Delete: ...(S)

Add: -..(Y)

SECTION 4 – Edition 11/2002
SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS

British Columbia, Volume 1, Sixteenth Edition, 1999 —

Page 386 — Paragraph 104, line 8

Delete: 1996

Replace by: 2000

(P2002-32.1)

Page 386 — Paragraph 105, lines 1 and 2 and line 3

Lines 1 and 2 — Delete: “An obstruction” to end of sentence.

Line 3 — Delete: in this area

(P2002-32.2)

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

Page 56 — Paragraph 183, lines 4 and 5

Delete: “Public **mooring**” to end of sentence.

(P2002-33.1)

Page 56 — Paragraph 184, lines 2 and 3

Delete: public **mooring buoys** and

(P2002-33.2)

SECTION 5 – Edition 11/2002
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
124 G5238	Morfee Island	On SE. end of island. 49 13 03.4 125 57 19	Q W	1s	8.1	6 White cylindrical tower, green band at top. 4.5	Year round. Chart:3673 Edn 11/02 (P02-115)
154.8 G5262.6	Limestone Islet	On islet. 48 58 56 124 58 22.6	Q W	1s	8.5	6 White cylindrical tower.	Year round. Chart:3646 Edn 11/02 (P02-114)
180.5 G5289	Bonilla Point Fisheries	On point. 48 35 43.8 124 43 04.1	FI R-W	4s	17.0	8 Tripod skeleton tower, red triangular slatwork daymark.	FI R to the E. of line between Bonilla Point and Tatoosh Island; FI W to the W. Fisheries light shown from June 1 to December 7 (approx.) each year. Chart:3606 Edn 11/02 (P01-077)
186 G5292	Sheringham Point	On point. 48 22 36.1 123 55 15.9	FI G	15s	21.9	9 White hexagonal tower. 19.5	Flash 0.15 s; eclipse 14.9 s. Year round. Chart:3606 Edn 11/02 (P01-079)
291 G5380	Walker Rock	Trincomali Channel. 48 55 25.3 123 29 35.2	FI(3) W	12s	7.2	6 White cylindrical tower.	Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. F G W R 6.9 7 Green from 082° to 088°; white from 088° to 092°; red from 092° to 099°. Radar reflector. Year round. Chart:3442 Edn 11/02
313.5	Northside Jetty 1A	49 06 31.1 123 17 44.4	FI(3) G	12s	6.1	5 White cylindrical tower, green band at top.	Year round. Radar reflector. Chart:3490 Edn 11/02
316	Northside Jetty 3A	49 06 54.4 123 16 48.8	FI(3) G	12s	6.3	5 White cylindrical tower, green band at top.	Year round. Radar reflector. Chart:3490 Edn 11/02
611 G5700	Dryad Point Sector	N. entrance, Main Passage, Seaforth Channel. 52 11 07.2 128 06 36	Oc W-R	5s	11.6	8 White square structure. 8.6	Flash 4 s; eclipse 1 s. White 142°30' through S. to 206°30'; red 206°30' through W. to 339° through N. to 039°30'. Year round. Delete Horns(2) - Blast 2s; sil. 18s. Horns point N. and S. Chart:3787 Edn 11/02 (P02-029)

SECTION 5 – Edition 11/2002
LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS

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

640 G5720	Boat Bluff Sector	On western side of bluff, Sarah Island. 52 38 36.5 128 31 21.2	Oc	W-R	5s	11.5	8	Skeleton tower. 7.3	Flash 4 s; eclipse 1 s. White 291° to 336°; red 336° through N. to 093° white 093° through E. to 134°. Year round. Delete Horn – Blast 2 s; sil. 18 s Chart:3711 Edn 11/02 (P00-003)
748 G5756	Seal Rocks Racon -- - (Y) X & S Band	On the highest rock of the Seal Rocks group. 54 00 00 130 47 26	Fl	W	6s	13.1	7	White cylindrical tower.	Flash 0.5 s; eclipse 5.5 s. Year round. Chart:3761 Edn 11/02 (P01-117)
818.5	Smith Island Reef	On reef. 54 36 20.5 124 42 33	Fl	W	4s	4.3	6	Mast.	Seasonal. Chart:3080 Edn 11/02

**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.