



# NOTICES TO MARINERS

## WESTERN EDITION

Published monthly by the



## CANADIAN COAST GUARD

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Marine Programs Directorate  
Aids to Navigation



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

## EXPLANATORY NOTES

**Geographical positions** refer directly to the graduations of the largest scale Canadian Hydrographic chart unless otherwise indicated.

**Bearings** refer to the true compass and are measured clockwise from 000° (North) clockwise to 359°; those relating to lights are from seaward.

**Visibility** of lights is that in clear weather.

**Depths** - The units used for soundings (metres, fathoms or feet) are stated in the title of each chart.

**Elevations** are normally given above Higher High Water, Large Tides unless otherwise indicated.

**Distances** may be calculated as follows:

1 nautical mile	= 1 852 metres (6,076.1 feet)
1 statute mile	= 1 609.3 metres (5,280 feet)
1 metre	= 3.28 feet

**Temporary & Preliminary Notices** are indicated by a (T) or a (P) before the chart action. Please note that Nautical charts are not hand amended by the Canadian Hydrographic Service for Temporary (T) and Preliminary (P) Notices. It is recommended that mariners chart these corrections in pencil. Listing of charts affected by Temporary and Preliminary Notices are revised and promulgated quarterly under the *Cumulative chart correction list* published in Section 1 of the Monthly Edition.

**Please note that, in addition to the temporary and preliminary changes normally advertised as (T) and (P) Notices, there are a significant number of permanent changes to navigational aids that have been advertised as Preliminary Notices to Mariners while charts are being updated for new editions.**

**Marine Information Report & Suggestion Sheet** - Mariners are requested to notify the responsible authorities when new or suspected dangers to navigation are discovered, changes observed in aids to navigation or corrections to publications are seen to be necessary. Such communications can be made using the *Marine Information Report & Suggestion Sheet* inserted on the last page of each monthly edition of *Notices to Mariners*.

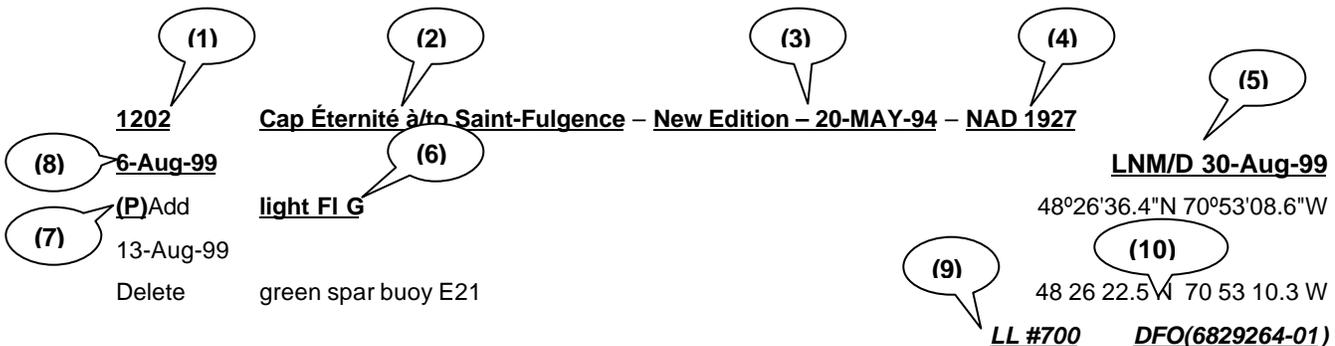
**Monthly edition of Notices to Mariners** - *Notices to Mariners* are issued free of charge on a monthly basis. Mariners now have a choice between specific *Regional* issue(s) they wish to receive. Requests to be placed on or removed from the mailing list should be made by using the form inserted on page x of each monthly edition. Notification of changes to the mailing addresses, regional issues and/or number of copies required should also be transmitted by means of this form.

**Canadian Nautical Charts & Publications** - A source list of *Canadian Nautical Charts & publications* is published in *Notice No. 14* of the current *Annual Edition of Notices to Mariners*. The source supply and the prices effective at the time of printing are listed. This list is periodically updated in the monthly edition of *Notices to Mariners*.

**NOTE: Cette publication est aussi disponible en français.**

## CHART CORRECTIONS – SECTION 2

Corrections to nautical charts will be listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to CHS Chart 1 Symbols, Abbreviations Terms for additional information pertaining to the correction of charts. The illustration below describes the elements that will comprise a typical Section 2 chart correction.



- 1 - Chart Number
- 2 - Chart Title
- 3 - Chart's latest New Edition date
- 4 - Horizontal Chart Datum
- 5 - Last Correction

- 6 - Chart action
- 7 - Notice type
- 8 - Weekly chart correction date
- 9 - List of light number
- 10 - Record reference number

The last correction number is identified with the **L**NM/D or **L**ast **N**otice to **M**ariners Number / **D**ate. This number is expressed in either old notice number format (ex.: 594/99) or in day-month-year format which is the date known as the weekly chart correction date shown in the above diagram as item (8).

## ADVISORY

### NOTICES TO SHIPPING (WRITTEN AND BROADCAST)

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

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

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

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

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

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

For further information contact your local Canadian Coast Guard office.

#### Newfoundland

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

#### Maritimes

Maritimes Regional Operations Centre  
Toll Free in Maritimes 1-800-565-1633  
Phone: (902) 426-6030  
Fax: (902) 426-6334  
<http://www.mar.dfo.mpo.gc.ca/cg/ops/roc.htm>  
Website E-Mail: [ROCWeb@mar.dfo-mpo.gc.ca](mailto: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](mailto: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](mailto:RMIC-Pacific@pac.dfo-mpo.gc.ca)  
Notice to Shipping information  
<http://www.pacific.ccg-gcc.gc.ca/mcts/notship>

## **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, NFLD	338,339	940	46 46 N	53 11 W	315	200
Cape Ray, NFLD	340,341	942	47 38 N	59 14 W	288	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
Hartlen Point, NS (Tentative October 2000)	330,331	937	44 35 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 23 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 reçus 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

Please indicate which edition you would like to receive.

**EASTERN EDITION** (will be comprised of Arctic, Newfoundland, Maritimes, Gulf & River St. Lawrence and Central areas) \_\_\_\_\_

**WESTERN EDITION** (will be comprised of Arctic and Pacific areas) \_\_\_\_\_

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**SECTION 1 – Edition 09/2002  
SAFETY AND GENERAL INFORMATION**

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

Effective October 11<sup>th</sup>, 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.

**CANADA - TRANSPORT CANADA PUBLICATIONS - SHIP SAFETY BULLETINS - 2001 & 2002 (AS PUBLISHED ON AUGUST 30, 2002).**

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

A complete list of Ship Safety Bulletins are available on Transport Canada's Web site at [http://www.tc.gc.ca/marinesafety/bulletins/toc\\_e.htm](http://www.tc.gc.ca/marinesafety/bulletins/toc_e.htm)

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

**As of August 2002, the following bulletins have been issued.**

<b>Bulletin Number</b>	<b>Title</b>	<b>Date of Creation</b>
01/2002	Defective Hydrostatic Releases	2002-01-24
02/2002	Horizontal Chart Datums and Position Accuracy	2002-02-11
03/2002	Solid Bulk Cargoes: Deviation from the Load Conditions and Limitations given in the Approved Loading Manual	2002-04-05
04/2002	Impending Requirement for a VHF Radio Installation with Digital Selective Calling (VHF-DSC Radio)	2002-04-29
05/2002	International Management Code for the Safe Operation of Ships and for Pollution Prevention	2002-06-03
06/2002	Passenger Safety Briefings	2002-07-25
07/2002	Emergency Escape Breathing Devices (EEBDs)	2002-08-12
08/2002	Engineering Certification - Updates	2002-08-19
09/2002	Bilge Pumping Systems: Early Detection Saves Lives	2002-08-23

**The following bulletins have been issued in 2001.**

<b>Bulletin Number</b>	<b>Title</b>	<b>Date of Creation</b>
01/2001	Qualifying Sea Service	2001-01-18
02/2001	Requirements and Procedures for Issue of STCW 95 Endorsements	2001-04-15
03/2001	Stowage of Life Rafts and Inflatable Rescue Platforms	2001-04-25

**SECTION 1 – Edition 09/2002  
SAFETY AND GENERAL INFORMATION**

Bulletin Number	Title	Date of Creation
04/2001	Interim Small Passenger Vessel Compliance Program	2001-04-26
05/2001	Practical Skills Training and Sea Service Record Book for Engineering Candidates	2001-06-01
06/2001	Global Maritime Distress and Safety System (GMDSS) and Guidance on Important Operational Procedures	2001-08-08
07/2001	Accessibility of Life Saving Equipment	2001-09-04
08/2001	GMDSS Radio Personnel Certification Requirements	2001-09-05
09/2001	New Emergency Position Indicating Radio Beacon (EPIRB) Carriage Requirements for Commercial Vessels	2001-11-01
10/2001	Requirements and Procedures for Issue of STCW 95 Endorsements	2001-11-02
11/2001	Halon Fire Extinguishing Systems Servicing, Re-Cycling and Banking Facilities in Canada	2001-11-26

**Transport Publications - 2001 to 2002 (as published on August 30, 2002).**

Publication No.	Title	Date
<b>TP 00127</b>	<b>SHIPS' ELECTRICAL STANDARDS</b> This publication, amended in 2002, sets out minimum standards of safety for electrical equipment, installations and appliances and the requirements of first and periodic inspections. Amendments apply only to new vessel construction, vessels coming into Canadian Registry, or where substantial reconstruction or modification is carried out on existing installations.	2002
<b>TP 01332</b>	<b>CONSTRUCTION STANDARDS FOR SMALL VESSELS</b> This new Standard is based on Small Vessel Regulations as per relevant sections in the <i>Canada Shipping Act</i> and supersedes the <i>Construction Standards for Small Vessels TP 1332-1999</i> . The responsibility for its application is jointly shared by the Canadian Coast Guard, Office of Boating Safety for recreational vessels, and by Transport Canada Marine Safety for commercial vessels.	2002
<b>TP 10655</b>	<b>APPROVED TRAINING COURSES</b> This publication, updated in 2001, lists all Transport Canada - approved training courses which are offered by institutions in Canada, the United States and the United Kingdom. Includes contact names and addresses.	2001
<b>TP 11343</b>	<b>MEDICAL EXAMINATION OF SEAFARERS - PHYSICIAN'S GUIDE</b> This publication sets out the administrative procedures for issuing medical certificates, the factors to be taken into account by physicians and registered nurses in conducting medical examinations, the physical requirements for seafarers seeking a medical certificate and the tests to be used in establishing whether a seafarer meets these requirements.	2001
<b>TP 13822</b>	<b>SURVIVAL IN COLD WATERS</b> Currently within Canada's internal lakes and rivers, there are numerous personnel being moved over water during the winter and spring months in vessels without life rafts. Whether this is an acceptable state of affairs is the question addressed in this research paper.	2001

**SECTION 1 – Edition 09/2002  
SAFETY AND GENERAL INFORMATION**

Copies of these bulletins and publications may be obtained from:

Marine Safety  
Transport Canada  
Place de Ville, Tower “C”  
330 Sparks Street, 11<sup>th</sup> floor  
Ottawa, Ontario, K1A 0N8

E-mail: [marinesafety@tc.gc.ca](mailto:marinesafety@tc.gc.ca)

Web site: [http://www.tc.gc.ca/marinesafety/bulletins/toc\\_e.htm](http://www.tc.gc.ca/marinesafety/bulletins/toc_e.htm)  
<http://www.tc.gc.ca/MarineSafety/TP/menu.htm>

Phone: (613) 991-3135

Fax: (613) 990-6191

**TRANSPORT CANADA - SHIP SAFETY BULLETIN NO. 06/2002.**

<b>Bulletin No.:</b>	<b>06/2002</b>
<b>Date: (Y - M - D)</b>	<b>2002-07-25</b>
<b>Subject:</b>	<b>Passenger Safety Briefings</b>

Vessel operators are reminded of recent amendments to both the *Lifesaving Equipment Regulations* and the *Small Vessel Regulations* which require Safety Briefings on all Canadian passenger vessels.

Safety Briefings are intended to provide passengers with information they will require in the event of an emergency. They are to be given in either or both official language as required prior to the vessel leaving any place where passengers embark.

The Safety Briefing shall as a minimum specify:

- Location of lifejackets
- Location of survival craft
- Instructions on how to don lifejackets

The Safety Briefing may be provided in a number of formats depending on the vessel's operation, these include:

Small Ferries, including car ferries where passengers do not leave their vehicles

- The deckhand responsible for directing the vehicles may indicate to the passengers the location of both the lifesaving equipment and the instructions on donning lifejackets, or
- The deckhand or fare collector may provide a single page handout providing passengers with the required information, or
- An announcement

Tour Boats

- Announcement, and
- Demonstration of the proper donning of lifejackets

Large Ferries or Passenger vessels

- Video on ship's distribution system, or
- Video in terminal prior to boarding, or
- An announcement

In all situations handouts that indicate through pictograms the location of safety equipment, and instructions on how to don lifejackets are acceptable.

<p><b>Keywords:</b></p> <ol style="list-style-type: none"> <li>1. Passenger</li> <li>2. Safety</li> <li>3. Announcement</li> </ol>	<p><b>Questions concerning this Bulletin should be addressed</b></p> <p style="text-align: center;">AMSRE James Brock (613) 991-3172 <a href="mailto:brockji@tc.gc.ca">brockji@tc.gc.ca</a></p> <p>Transport Canada Marine Safety Tower C, Place de Ville 11<sup>th</sup> Floor, 330 Sparks Street Ottawa, Ontario K1A 0N8</p>
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**SECTION 1 – Edition 09/2002  
SAFETY AND GENERAL INFORMATION**

**CANADIAN HYDROGRAPHIC SERVICE - CHARTS.**

CHARTS	MAIN TITLE	SCALE	PUBLISHED	CAT#	PRICE
<b>Reprints</b>					
3476	Approaches to/Approches à Tsehum Harbour	1 10 000	06-SEP-2002	2	\$20.00
3726	Laredo Sound and Approaches	1 72 217	16-AUG-2002	2	\$20.00
3742	Otter Passage to/à McKay Reach	1 70 920	23-AUG-2002	2	\$20.00

**CANADIAN HYDROGRAPHIC SERVICE - ELECTRONIC NAVIGATION CHARTS S-57.**

<p><b>Notes: (1) The following ENC products are only available from:</b>  <b>Nautical Data International Inc.</b>  <b>P.O. Box 127, Station C</b>  <b>St. John's, Newfoundland</b>  <b>A1C 5H5</b>  <b>Telephone: 1-800-563-0634 or 1-709-576-0634</b>  <b>Facsimile: 709-576-0636</b></p> <p><b>(2) For licence information and rates please contact the distributor,</b>  <b>Nautical Data International Inc. (NDI) at the above-mentioned address.</b></p>	
<b>RELEASED PRODUCTS</b>	
S-57 ENC NUMBER	CHART TITLE
CA470218	Baynes Sound
CA470387	Queens Sound and Approaches/et les approches (Part 3 of 3)
CA573284	Approaches to / Approches à Parry Sound South
CA570030	Stuart Narrows
CA470072	Approaches to/Approches à Vancouver Harbour
CA570092	Hayden Passage
CA570094	Marktosis (Matilda Inlet)
CA570126	Butze Rapids
CA570176	Fraser River/Fleuve Fraser, Strait of Georgia to/à Mitchell Island
CA570195	Approaches to/Approches à Campbell River
CA570239	Ganges Harbour and/et Long Harbour
CA570244	Quatsino Narrows
CA570263	Whiterock Passage
CA470273	Continuation A (Head of/Fond de Herbert Inlet)
CA470280	Head of Tlupana Inlet
CA470311	Broughton Strait (Part 2 of 2)
CA470315	Malacca Passage to/à Bell Passage (Part 2 of 2)
CA470363	Approaches to/Approches à Portland Inlet (Western Portion, Part 1 of 2)
CA373063	Kingston to/à False Ducks Islands
CA476048	Wedgeport and Vicinity/et les abords
CA476128	Cocagne et/and Shediac
CA579038	Godbout
CA579018	Batiscan

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

Supersedes List of hand-corrected charts published in Edition #06/02.

The following is a list of charts, which are hand-corrected after their date of publication from information published in Notices to Mariners. CHS will no longer provide a list of corrections for these charts. You can now obtain these corrections from the Internet web site NOTMAR, <http://www.notmar.com>.

1310	1435	2017	2058	2077	2165
1311	1436	2018	2059	2085	2181
1409	1437	2042	L/C 2060	L/C 2100	2200
1410	1438	2043	2061	L/C 2110	L/C 2201
1411	1439	2049	2064	L/C 2120	2218
1432	L/C 2000	2050	2067	L/C 2121	2221
1433	2006	2053	2069	L/C 2122	2222
1434	2007	2054	2070	L/C 2123	2223

**SECTION 1 – Edition 09/2002  
SAFETY AND GENERAL INFORMATION**

2225	2282	2304	6108	6414	6430
2226	2283	2305	6109	6415	6431
L/C 2228	L/C 2284	2306	6110	6416	6432
2235	2286	2307	6111	6417	6433
2241	2289	2308	6112	6418	6434
L/C 2243	2291	2309	6201	6419	6435
L/C 2244	2292	2310	6206	6420	6436
L/C 2245	2293	2311	6251	6421	6437
2250	2294	2312	6281	6422	6438
2251	2297	2313	6310	6423	6441
2257	2298	2314	6408	6424	6451
2258	2299	2315	6409	6425	6452
2259	L/C 2300	2318	6410	6426	6453
2268	L/C 2301	6105	6411	6427	6454
2273	L/C 2302	6106	6412	6428	6455
2274	2303	6107	6413	6429	

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

Supersedes previous "List of charts not hand-corrected", last published in Edition #06/02.

The following is a list of charts that are not hand-corrected after their date of publication.

A list of corrections is available for each of these charts upon request, in writing, to Nautical Information, Canadian Hydrographic Service, Department of Fisheries and Oceans, Ottawa, Ontario, K1A 0E6. Please state the latest edition date of the chart.

1350	2055	3058	6030	6243	6270	6356
1351	2086	3062	6035	6247	6271	6357
1361	2140	3080	6036	6248	6272	6358
1509	2261	3311	6037	6249	6273	6359
1551	2266	3312	6038	6258	6274	6360
1554	2267	3313	6050	6259	6285	6368
2011	2400	3488	6101	6260	6286	6369
2023	3052	3489	6205	6263	6287	6370
2024	3053	3601	6209	6264	6311	6371
2025	3055	6023	6240	6267	6341	6390
2026	3056	6026	6241	6268	6354	6505
2048	3057	6028	6242	6269	6355	6506

The following is a list of charts that are not hand-corrected after their date of publication. CHS will no longer provide a list of corrections for these charts. You can now obtain these corrections from the Internet web site NOTMAR <http://www.notmar.com> or from previous editions of the Notices to Mariners.

1400	1552	2044	3050	6100	6216
1510	1553	2202	3061	6207	6217
1512	1555	2203	4141	6211	6218
1513	2021	2204	4142	6212	
1514	2022	2205	4145	6213	
1515	2028	2206	6021	6214	
1550	2029	2260	6022	6215	

**SECTION 1 – Edition 09/2002**  
**SAFETY AND GENERAL INFORMATION**

Please be advised that certain copies of charts, which are not normally corrected for Notices to Mariners by the Canadian Hydrographic Service, have had Notices to Mariners incorporated on the chart prior to distribution. When these charts contain the following two notes:

1. “The information contained on this chart has been corrected from Notices to Mariners to the date of publication only. For subsequent corrections, consult the Notices to Mariners or write to Nautical Information, Canadian Hydrographic Service, Department of Fisheries and Oceans, Ottawa, Ontario K1A 0E6. Please state the latest edition date.

Le contenu de cette carte a été corrigé au moyen des Avis aux navigateurs au moment de sa publication seulement. Pour les corrections subséquentes, consulter les Avis aux navigateurs au écrire à Information nautique, Service hydrographique du Canada, ministère des Pêches et des Océans, Ottawa (Ontario) K1A 0E6. Veuillez indiquer la date de la dernière édition.”

2. “NOTICES TO MARINERS / AVIS AUX NAVIGATEURS (*Followed by Notice to Mariners Number*)”

The note that says:

“NOTICES TO MARINERS / AVIS AUX NAVIGATEURS (*Followed by Notice to Mariners Number*)” supersedes the first note.

Subsequent corrections to these charts can be obtained from <http://www.notmar.com> or from the monthly edition of Notices to Mariners.

**BRITISH COLUMBIA - MAMQUAM BLIND CHANNEL - SQUAMISH - INFORMATION ABOUT DEPTHS.**

Mariners are advised to exercise CAUTION when navigating the Mamquam Blind Channel.

A shoal has developed across the full channel width near the mouth of the Stawamus River, approximately 1300 metres upstream of the starboard hand beacon (LL# 425.5).

Transits should be timed to take advantage of higher high water periods of the tidal cycle. When approaching the area near the mouth of the Stawamus River the best water is found west of the range centreline where a controlling depth of 1.0 metres below chart datum is reported. East of the range centreline the controlling depth dries at 0.7 metres above chart datum.

Mariners should note that the Squamish lighted range LL 426 and LL 427 should not be used north of the mouth of the Stawamus River where the shoal has developed.

Soundings dated July 2002 can be viewed online at <http://www2.pac.dfo-mpo.gc.ca> under the menu heading Survey Drawing.

(P2002-073)

**SECTION 2 – Edition 09/2002  
CHART CORRECTIONS**

**L/C3512 - Strait of Georgia, Central Portion/Partie Centrale - New Edition - 25-DEC-1998 - NAD 1983**

20-SEP-2002		LNMD. 02-MAR-2001
Delete	depth of 6.8 metres	49°21'43.0"N 124°01'10.0"W <i>DFO(6200331-01)</i>

**3598 - Cape Scott to Cape Calvert - New Edition - 14-AUG-1987 - NAD 1927**

20-SEP-2002		LNMD. 25-JAN-2002
Add	northbound/southbound calling-in point 12	50°47'18.0"N 128°28'30.0"W <i>DFO(6201091-01)</i>
Add	northbound/southbound calling-in point 40	50°47'13.0"N 128°27'50.0"W <i>DFO(6201091-02)</i>
Add	northbound/southbound calling-in point 39	51°05'02.0"N 128°07'58.0"W <i>DFO(6201091-03)</i>
Add	northbound/southbound calling-in point 1A	51°05'10.5"N 128°07'17.0"W <i>DFO(6201091-04)</i>
Add	northbound/southbound calling-in point 38	50°57'26.0"N 127°45'22.0"W <i>DFO(6201091-05)</i>
Add	northbound/southbound calling-in point 1B	51°23'39.5"N 127°51'30.0"W <i>DFO(6201091-06)</i>
Add	northbound/southbound calling-in point 1C	51°23'17.0"N 127°57'40.0"W <i>DFO(6201091-07)</i>
Add	VTS zone limit	between 50°46'59.0"N 128°25'46.0"W and 50°47'21.0"N 128°28'54.0"W <i>DFO(6201091-08)</i>
Add	VTS zone limit	between 51°09'50.0"N 127°47'08.0"W and 51°00'12.0"N 128°28'54.0"W <i>DFO(6201091-09)</i>
Add	See note VTS ZONES	51°07'57.0"N 127°55'36.0"W <i>DFO(6201091-10)</i>
Add	See note VTS ZONES	51°01'51.0"N 128°21'57.0"W <i>DFO(6201091-11)</i>
Add	See note VTS ZONES	50°47'09.0"N 128°26'54.0"W <i>DFO(6201091-12)</i>
Add		outside south border at 128° 00' W
	VTS ZONES	
	Limits of the Prince Rupert, Vancouver or Tofino Vessel Traffic Services zones. Vessels must report on entering or leaving these zones.	<i>DFO(6201091-13)</i>

**3646 - Ucluelet Inlet - New Edition - 30-JUN-1995 - NAD 1983**

20-SEP-2002		LNMD. 22-SEP-2000
Add	outfall	joining 48°55'49.0"N 125°31'40.0"W 48°55'49.0"N 125°31'38.0"W 48°55'48.5"N 125°31'35.0"W 48°55'47.2"N 125°31'32.0"W 48°55'45.0"N 125°31'30.4"W and 48°55'43.4"N 125°31'28.9"W

**SECTION 2 – Edition 09/2002  
CHART CORRECTIONS**

**3646 - Ucluelet Inlet - New Edition - 30-JUN-1995 - NAD 1983**

20-SEP-2002

Add outfall

LNMD. 22-SEP-2000

joining 48°55'35.4"N 125°31'17.6"W  
48°55'32.2"N 125°31'13.0"W  
48°55'26.0"N 125°31'06.0"W  
and 48°55'12.5"N 125°30'58.2"W  
*DFO(6200334-01)*

Add pipeline sign

48°55'49.0"N 125°31'40.5"W  
*DFO(6200334-02)*

**3742 - Otter Passage to/à McKay Reach - New Edition - 16-JUL-1982 - NAD 1927**

27-SEP-2002

Add note

LNMD. 05-MAY-2000

Bottom right hand corner below VESSEL  
TRAFFIC SERVICES / SERVICES DE  
TRAFIC MARITIME note

AIDS TO NAVIGATION

For additional information concerning aids to navigation, consult larger scale charts, the Pacific Coast List of Lights, Buoys and Fog Signals and Radio Aids to Marine Navigation Pacific and Western Arctic.

AIDES À LA NAVIGATION

Pour plus de renseignements concernant les aides à la navigation, consulter les cartes à plus grande échelle et le Livre des feux, des bouées et des signaux de brume Côte Pacifique et Aides radio à la navigation maritime Pacifique et l'Arctique de l'ouest.

*DFO(6500046-01)*

**3934 - Approaches to/Approches à Smith Sound and/et Rivers Inlet - New Chart - 21-FEB-1992 - NAD 1983**

20-SEP-2002

Delete depth of 5.5 metres

LNMD. 19-JAN-2001

51°31'24.0"N 127°40'28.0"W  
*DFO(6200332-01)*

Add rock which covers and uncovers with drying height of 0.4 metres

51°31'25.1"N 127°40'29.4"W  
*DFO(6200332-02)*

**3936 - Fitz Hugh Sound to/à Lama Passage - New Chart - 20-APR-2001 - NAD 1983**

20-SEP-2002

Reposition light

from 52°05'58.4"N 128°07'01.9"W  
to 52°05'57.4"N 128°07'00.9"W  
*DFO(6200333-01)*

**SECTION 4 – Edition 09/2002**  
**SAILING DIRECTIONS AND SMALL CRAFT GUIDE CORRECTIONS**

British Columbia, Volume 1, Sixteenth Edition, 1999 —

Page 19 — Paragraph 242, line 2

Delete: , Estevan Point

(P2002-26.1)

Page 200 — Paragraph 697, line 6

Cancel correction promulgated in Monthly Edition No. 11/2001.

Delete: “but” to end of sentence.

Replace by: ; shoaling has developed across the full channel width near the mouth of the Stawamus River. The portion of the range north of the river should not be used, the preferred channel is reported to be to the west of the range.

(P2002-26.2)

Page 204 — Paragraph 758.1, line 3 (Re : Correction promulgated in Monthly Edition No. 7/2002)

Delete: Shoal Point

Replace by: Shaft Point

(P2002-29)

Page 238 — Paragraph 48, line 4 – after “berths.”

Insert: Mariners are cautioned not to enter the gap between the rock and floating breakwaters.

(P2002-26.3)

Page 371 — Paragraph 192, line 1

Delete: . — **Radiobeacon**

(P2002-26.4)

Page 371 — Paragraph 192, line 3

Delete: a radiobeacon,

(P2002-26.5)

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

Page 33 — Paragraph 296, line 2

Delete: and Estevan Point

(P2002-28.1)

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

Page 56 — Paragraph 184, lines 5 and 6

Delete: “**Beal Cove**” to end of sentence.

Replace by: **Beal Cove** is 0.3 mile east of Henslung Cove.

(P2002-27.1)

**SECTION 5 – Edition 09/2002**  
**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**

8	Procter range	S. side of entrance to Arm. 49 37 16 116 56 53	F	Y	.....	7.6	15	Cylindrical tower, red and white horizontal bands.	Year round. In operation 24 hours.
9		217° 99.1m from front.	F	Y	.....	10.7	15	Cylindrical tower, red and white horizontal bands.	Year round. In operation 24 hours.
<b>Chart:3050</b> <b>Edn 09/02 (P02-074, 075)</b>									
12	Kootenay Bay	49 40 31.1 116 52 27	Fl	R	4s	4.1	5	Cylindrical mast, red and white triangular daymark.	Year round.
<b>Chart:3050</b> <b>Edn 09/02 (P02-068)</b>									
13.3	Kootenay Landing Outer	49 15 56.9 116 41 23.8	Fl	W	4s	6.1	6	White centre pile of 19- pile dolphin.	Year round.
<b>Chart:3050</b> <b>Edn 09/02 (P02-068)</b>									
26	Syringa Creek	S. side of channel opposite creek. 49 20 07.6 117 51 56.8	Fl	G	4s	12.8	5	Mast, black, white and green square daymark. 3.5	Year round.
<b>Chart:3056</b> <b>Edn 09/02 (P02-068)</b>									
26.5	Tulip Point	E. of creek. 49 20 18.9 117 52 49.3	Fl	R	4s	13.1	5	Grey mast. 3.5	Year round.
<b>Chart:3056</b> <b>Edn 09/02 (P02-068)</b>									
29.5	Needles Sector	W. side of channel at Andres Creek. 49 53 50.8 118 05 04.5	F	R W G	.....	11.7	7	Skeleton tower, red slatwork daymark, white vertical stripe. 3.0	Red from 003°30' to 009°15'; white from 009°15' to 010°15'; green from 010°15' to 017°30'. White sector indicates preferred channel. Year round.
<b>Chart:3056</b> <b>Edn 09/02 (P02-068)</b>									
31	Lower Whatshan Sector	W. side of channel, N. of power station. 49 55 22.8 118 03 15.7	F	R W G	.....	10.1	7	White skeleton tower, red slatwork daymark. 3.0	Year round. Red from 010°45' to 016°30'; white from 016°30' to 021°30'; green from 021°30' to 027°30'. White sector indicates preferred channel.
<b>Chart:3056</b> <b>Edn 09/02 (P02-068)</b>									
37	Dispatch Island Sector	50 07 57.9 117 48 36.1	F	G W R	.....	13.0	.....	Skeleton tower, red slatwork daymark and white vertical stripe.	Year round. Green from 165°35' to 174°35'; white from 174°35' to 175°35'; red from 175°35' to 183°35'. White sector indicates preferred channel.
<b>Chart:3057</b> <b>Edn 09/02 (P02-068)</b>									

**SECTION 5 – Edition 09/2002**  
**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
58.3	Peachland North breakwater	49 46 43 119 43 54	Q G	1s	4.5	6	Mast, black, white and green square daymark.  Year round. Visible from 210° through W. and N. to 030°. Privately operated.  <b>Chart:3052</b> <b>Edn 09/02 (P02-068)</b>
65.2	Shalath Approach	Seton Lake. 50 42 45 122 10 45	Fl G	4s	5.2	5	Mast.  Year round.  <b>Chart:N/A</b> <b>Edn 09/02 (P02-068)</b>
68.8 G5181	Brockton Island	NW. end of island. 50 29 20.9 127 46 17.3	Fl R	4s	5.6	5	White cylindrical tower, red band at top. 5.0  Year round.  <b>Chart:3679</b> <b>Edn 09/02 (P02-068)</b>
86 G5203.2	Fair Harbour Approach	50 04 29 127 09 17.7	Fl G	4s	5.5	4	White cylindrical tower, green band at top.  Year round.  <b>Chart:3682</b> <b>Edn 09/02 (P02-076)</b>
104 G5217	Boston Point	On point. 49 39 41.1 126 36 45.9	Fl G	4s	7.6	5	White cylindrical tower, green band at top. 4.5  Year round.  <b>Chart:3675</b> <b>Edn 09/02 (P02-068)</b>
105 G5219	<b>Nootka</b>	On summit of San Rafael Island. 49 35 33.5 126 36 55.4	Fl W	12s	30.9	19	Red square skeleton tower.  Year round. Flash 0.15 s; eclipse 11.9 s. In operation 24 hours.  <b>Horn – Blast 3s; sil. 3s; blast 3s; sil. 51s.</b> Horn points SE.  <b>Chart:3675</b> <b>Edn 09/02 (P02-077)</b>
112 G5221.2	Muchalat Inlet East	On N. shore of inlet. 49 39 05 126 15 46.5	Fl G	4s	5.4	5	White cylindrical tower, green band at top. 6.4  Year round.  <b>Chart:3675</b> <b>Edn 09/02 (P02-068)</b>
117.5 G5226.2	Sharp Point	E. side entrance, Hot Springs Cove. 49 20 51.1 126 15 35.9	Fl W	10s	26.7	10	White cylindrical tower. 3.5  Flash 0.3 s; eclipse 9.7 s. Year round.  <b>Horn – Blast 3s; sil. 27s.</b>  <b>Chart:3674</b> <b>Edn 09/02 (P02-068)</b>
165 G5273	Polly Point	On point. 49 12 57.6 124 49 01.4	Fl R	4s	4.3	5	White cylindrical tower, red at top.  Year round.  <b>Chart:3668</b> <b>Edn 09/02 (P02-068)</b>
171 G5259	Wizard Islet	On the islet. 48 51 29.5 125 09 31	Fl(2) W	6s	5.0	7	Mast.  Flash 0.5 s; eclipse 1 s; flash 0.5 s; eclipse 4 s. Year round.  <b>Chart:3671</b> <b>Edn 09/02 (P02-068)</b>

**SECTION 5 – Edition 09/2002**  
**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 (cont'd)**

172.5 G5256.4	Trevor Channel Entrance Sector	SW. side of channel entrance. 48 48 44.2 125 10 49.2	F R W G	.....	13.3	8	White cylindrical tower.	Year round. Red from 064°30' to 068°30'; white from 068°30' to 076°30'; green from 076°30' to 080°30'. White sector indicates preferred channel.
			FI R	4s	16.6	5	.....	Additional light visible 360°.
								<b>Chart:3671</b> <b>Edn 09/02 (P02-068)</b>
178 G5280	Pachena Point	On the point. 48 43 20.4 125 05 46.2	FI(2) W	7.5s	46.9	14	White cylindrical tower. 6.1	Flash 0.37 s; eclipse 1.25 s; flash 0.37 s; eclipse 5.5 s. Year round.
								<b>Horn – Blast 6s; sil. 54s.</b> Horn points 150°.
								<b>Chart:3602</b> <b>Edn 09/02 (P02-068)</b>
180.5 G5289	Bonilla Point Fisheries	On point. 48 35 44.6 124 42 59	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.
								<b>Chart:3606</b> <b>Edn 09/02 (P02-068)</b>
183.5 G5290	San Juan Point	On point. 48 31 53.9 124 27 23.8	FI R	5s	16.8	11	White cylindrical tower, red band at top on white rectangular building.	Flash 0.15 s; eclipse 4.85 s. Year round.
								<b>Chart:3647</b> <b>Edn 09/02 (P02-068)</b>
186 G5292	Sheringham Point	On point. 48 22 37.1 123 55 11.1	FI G	15s	21.9	9	White hexagonal tower. 19.5	Year round. Flash 0.15 s; eclipse 14.9 s.
								<b>Chart:3606</b> <b>Edn 09/02 (P02-068)</b>
206 G5312.4	Berens Island	On SE. extremity of island, W. of harbour entrance. 48 25 27 123 23 30	Q G	1s	6.1	.....	White cylindrical tower, green band at top.	Radar reflector. Year round.
								<b>Chart:3415</b> <b>Edn 09/02 (P02-068)</b>
209 G5324	Laurel Point	NW. extremity of point. 48 25 28.9 123 22 33.4	Q R	1s	5.6	.....	White cylindrical tower, red band at top.	Radar reflector. Year round.
								<b>Chart:3415</b> <b>Edn 09/02 (P02-068)</b>
210 G5325	Tuzo Rock	On rock. 48 25 32.7 123 22 25	Q G	1s	5.7	.....	White cylindrical tower, green band at top.	Radar reflector. Year round.
								<b>Chart:3415</b> <b>Edn 09/02 (P02-068)</b>
212 G5328	Trial Islands	On S. side of southernmost island. 48 23 42.3 123 18 18.6	FI G	5s	28.3	13	White cylindrical tower. 10.2	Year round. Flash every 5 s.
								<b>Chart:3424</b> <b>Edn 09/02 (P02-068)</b>

**SECTION 5 – Edition 09/2002**  
**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
215 G5332	Fiddle Reef Sector	On reef. 48 25 45.6 123 17 02.1	Q W-R	1s 7.1	7	White cylindrical tower.	Year round. Radar reflector. Red 170°30' through S. to 216°; white 216° through W. and N. to 013°20'; red 013°20' to 062°; white 062° through E. to 170°30'.  <b>Chart:3424</b> <b>Edn 09/02 (P02-068)</b>
224 G5337	Kelp Reefs	On the NE. reef, Haro Strait. 48 32 51.3 123 14 12.7	Q W	1s 10.7	10	White tower.	Year round.  <b>Chart:3440</b> <b>Edn 09/02 (P02-068)</b>
226 G5337.5	D'Arcy Island	On SW. side of island. 48 33 56.1 123 17 01.3	Fl R	4s 7.9	7	White cylindrical tower, red band at top.	Year round.  <b>Chart:3441</b> <b>Edn 09/02 (P02-068)</b>
236 G5343.5	Fernie Island	On island SE. of island. 48 40 43.6 123 23 24.8	Fl G	4s 6.7	5	White cylindrical tower, green band at top.	Year round. Radar reflector.  <b>Chart:3476</b> <b>Edn 09/02 (P02-068)</b>
257 G5355	Beaver Point	On N. tip of point. 48 46 16 123 21 58	Fl G	4s 8.5	5	White cylindrical tower, green band at top.	Year round.  <b>Chart:3441</b> <b>Edn 09/02 (P02-068)</b>
261 G5371	Ganges Harbour	On Second Sister Island. 48 50 12.4 123 27 12.8	Fl R	4s 8.2	5	White cylindrical tower, red band at top.	Year round.  <b>Chart:3478</b> <b>Edn 09/02 (P02-068)</b>
262 G5372	Grace Islet	SE. extremity of islet. 48 51 05.4 123 29 34.9	Fl G	4s 8.5	5	White cylindrical tower, green band at top.	Year round.  <b>Chart:3478</b> <b>Edn 09/02 (P02-068)</b>
271 G5367	Enterprise Reef	On western rock of reef. 48 50 42.5 123 20 48.5	Q R F W-R	1s 5.9 ..... 3.3	5 9	White cylindrical tower, red band at top.	Radar reflector. Year round.  White from 107°30' to 110°; red from 110° to 121°; white from 121° to 123°30'.  <b>Chart:3473</b> <b>Edn 09/02 (P02-068)</b>
272 G5364	Helen Point	On point. 48 51 28 123 20 37.5	Q W	1s 7.0	7	White cylindrical tower, red band at top.	Year round.  <b>Chart:3473</b> <b>Edn 09/02 (P02-068)</b>
274 G5362	Mary Anne Point	On the point. 48 51 44 123 18 44	Q W	1s 7.6	7	White cylindrical tower, green band at top.	Radar reflector. Year round.  <b>Chart:3473</b> <b>Edn 09/02 (P02-068)</b>

**SECTION 5 – Edition 09/2002**  
**LIST OF LIGHTS, BUOYS AND FOG SIGNALS CORRECTIONS**

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<b>PACIFIC (cont'd)</b>							
275 G5360	<b>Active Pass Radiobeacon</b>	On Georgina Point, Mayne Island. 48 52 24.5 123 17 24.5	FI W	10s	17.4	17 White cylindrical tower. 10.7	Year round.  Flash 0.15 s; eclipse 9.85 s. High intensity white flash superimposed every 10s. Emergency light.  <b>Chart:3473 Edn 09/02 (P02-068)</b>
285 G5378.6	Grappler Rock	On rock. 48 56 21.2 123 36 05.1	FI R	4s	6.1	5 White cylindrical tower, red band at top.	Year round. Radar reflector.  <b>Chart:3442 Edn 09/02 (P02-068)</b>
288 G5394	Porlier Pass range	On Race Point, Galiano Island. 49 00 47.2 123 35 04.4	F Y	.....	6.8	10 White cylindrical tower. 4.1	Year round.
289 G5394.1		196°07' 445.2m from front.	F Y	.....	10.3	10 White square tower.	Year round.  <b>Chart:3473 Edn 09/02 (P02-068)</b>
289.3 G5394.4	Virago Rock Sector	On rock 49 00 46.2 123 35 29.2	Q R-W	1s	6.8	5 White cylindrical structure, green band at top.	Red 024° through E and S to 229°; white 229° through W and N to 024°. Radar reflector. Year round.  <b>Chart:3473 Edn 09/02 (P02-068)</b>
291 G5380	Walker Rock	Trincomali Channel. 48 55 25.3 123 29 35.2	FI(3) W	12s	7.2	7 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.  Green from 082° to 088°; white from 088° to 092°; red from 092° to 099°. Radar reflector. Year round.  <b>Chart:3442 Edn 09/02 (P02-068)</b>
294.5 G5382.2	Hudson Island North	48 57 58.1 123 40 24	FI R	4s	4.9	..... White cylindrical tower, red band at top.	Year round. Radar reflector.  <b>Chart:3477 Edn 09/02 (P02-068)</b>
307.91 G5399	Roberts Bank Entrance range	49 01 35.6 123 08 30	Q Y	.....	12.4	14 Square skeleton tower, red daymark, white vertical stripe.	Flash 0.3 s; eclipse 0.7 s Year round.
307.92 G5399.1		032° 250m from front.	Q Y	.....	19.1	14 Square skeleton tower, red daymark, white vertical stripe.	Flash 0.3 s; eclipse 0.7 s Year round.  <b>Chart:3492 Edn 09/02 (P02-068)</b>
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.  <b>Chart:3490 Edn 09/02 (P02-068)</b>

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<b>PACIFIC (cont'd)</b>							
316	Northside Jetty 3A	49 06 54.4 123 16 48.8	Fl(3) G	12s	6.3	5	White cylindrical tower, green band at top. Year round.
							<b>Chart:3490 Edn 09/02 (P02-068)</b>
317 G5404	Northside Jetty 5	On jetty. 49 07 10.4 123 16 18	Fl(3) G	12s	7.2	5	White cylindrical tower on 9-pile dolphin, green band at top. Radar reflector. Year round.
							<b>Chart:3490 Edn 09/02 (P02-068)</b>
318	Northside Jetty 5A	49 07 26.1 123 15 32.4	Fl(3) G	12s	5.8	8	White cylindrical tower, green band at top. Year round. Radar reflector.
							<b>Chart:3490 Edn 09/02 (P02-068)</b>
322 G5406	Northside Jetty 7A	Close behind Steveston Jetty. 49 07 51.6 123 14 30.2	Q G	1s	5.6	.....	White cylindrical tower, green band at top. Radar reflector. Year round.
							<b>Chart:3490 Edn 09/02 (P02-068)</b>
323 G5410	Wing Dam range	Close behind Steveston Jetty. 49 07 57.6 123 14 04.7	F Y	.....	9.3	15	Square skeleton tower, red daymark, white vertical stripe. Visible in line of range.
			F G	.....	9.8	7	Visible upstream. In operation 24 hours. Year round.
324 G5410.1		057°15' 720m from front.	F Y	.....	20.7	15	Square skeleton tower, red daymark, white vertical stripe. Visible in line of range. In operation 24 hours. Year round.
							<b>Chart:3490 Edn 09/02 (P02-078, 079)</b>
327 G5412	New Cut range 1	49 07 54.7 123 13 21.3	F Y	.....	8.3	15	Square skeleton tower on 9 pile dolphin, red daymark, white vertical stripe. Visible downstream. Year round.
				F G	.....	8.9	7
328 G5412.1		301°19' 190.0m from front.	F Y	.....	13.8	15	Square skeleton tower on 9 pile dolphin, red daymark, white vertical stripe. Year round. In operation 24 hours.
							<b>Chart:3490 Edn 09/02 (P02-081, 082)</b>
329 G5413	Northside Jetty 13	On Northside of Jetty. 49 07 47.4 123 12 50	Fl(3) G	12s	6.2	8	White cylindrical tower, green band at top on 9- pile dolphin. Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Radar reflector. Year round. In operation 24 hours.
							<b>Chart:3490 Edn 09/02 (P02-083)</b>
340	Woodward Island Downstream range	49 06 23.2 123 08 41.4	F Y	.....	9.1	11	Square skeleton tower on 5-pile dolphin, red daymark, white vertical stripe. Visible in line of range. Year round.
				Fl(2) R	6s	8.8	5
341		109°21' 261.9m from front.	F Y	.....	13.1	11	Square skeleton tower on 9 pile dolphin, red daymark, white vertical stripe. Year round.
							<b>Chart:3490 Edn 09/02 (P02-068)</b>

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<b>PACIFIC (cont'd)</b>									
342	Woodward Island Upstream range	49 06 22.3 123 08 18.9	F	Y	.....	8.8	11	Square skeleton tower on dolphin, white daymark, red vertical stripe.	Visible upstream. Year round.
			FI(3)	R	12s	8.8	5		Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s.
343		253°35' 262.1m from front.	F	Y	.....	15.6	11	Square skeleton tower on dolphin, white daymark, red vertical stripe.	Year round.  <b>Chart:3490 Edn 09/02 (P02-068)</b>
348.3	Deas Slough	Entrance to dredged cut. 49 06 54.5 123 04 55.8	FI	R	4s	6.4	5	White cylindrical tower on 4-pile dolphin, red band at top.	Year round.  <b>Chart:3490 Edn 09/02 (P02-068)</b>
348.5	Deas Island range	W. end of island. 49 07 06.6 123 04 33.1	F	Y	.....	8.2	15	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Visible in line of range. Year round. In operation 24 hours.
			073°25' 190m from front.	FI(2)	R	6s	8.3	5	
348.6			F	Y	.....	14.9	15	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Visible in line of range. Year round. In operation 24 hours.  <b>Chart:3490 Edn 09/02 (P02-084, 085)</b>
351	Tilbury range 1	Near N. bank of river, opposite Tilbury Island. 49 08 37.2 123 03 04.2	F	Y	.....	7.5	15	Square skeleton tower, white daymark, red vertical stripe on 9-pile dolphin.	Visible in line of range. Year round. In operation 24 hours.
			251°15' 274.3m from front.	FI	G	4s	7.6	7	
352			F	Y	.....	15.1	15	Square skeleton tower, white daymark, red vertical stripe on 9-pile dolphin.	Year round. In operation 24 hours.  <b>Chart:3490 Edn 09/02 (P02-086, 087)</b>
353	Tilbury range 2	Near N. bank of river. 49 08 57.3 123 02 20.5	Q	Y	1s	7.7	13	Square skeleton tower, white daymark, red vertical stripe.	Visible in line of range. Year round. In operation 24 hours.
			041° 297m from front.	Iso	Y	2s	16.5	15	
354								Square skeleton tower, white daymark, red vertical stripe.	Visible in line of range. Year round. In operation 24 hours.  <b>Chart:3490 Edn 09/02 (P02-088, 089)</b>
356	Purfleet Point range	On W. extremity of Annacis Island. 49 09 33.2 122 58 52.6	Q	Y	1s	7.6	10	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Visible in line of range. Year round.
			071°10' 274.3m from front.	Q	G	1s	7.8	.....	
357			Q	Y	1s	15.2	10	Square skeleton tower on 9 pile dolphin, white daymark, red vertical stripe.	Year round.  <b>Chart:3490 Edn 09/02 (P02-068)</b>

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<b>PACIFIC (cont'd)</b>							
359	City Reach range1	49 09 11.1 122 57 12.6	Q Y	1s	6.1	13	Centre pile on a 9 pile dolphin, white daymark, red vertical stripe. Radar reflector. Year round. In operation 24 hours.
360		226°37' 108.5m from front.	Iso Y	2s	12.8	15	Square skeleton tower, white daymark, red vertical stripe. Year round.
<b>Chart:3490 Edn 09/02 (P02-090)</b>							
363	Annieville Channel range	On S. bank of river. 49 09 52.1 122 55 50	F Y	.....	28.8	15	Mast, black and white horizontal bands. Radar reflector. Year round. In operation 24 hours.
364		199° 259.1m from front.	F Y	.....	66.8	15	Red and white square skeleton tower. Radar reflector. Year round. In operation 24 hours.
<b>Chart:3490 Edn 09/02 (P02-092, 093)</b>							
366.4	Annacis Island Pile Wall Centre	Inside pile wall. 49 11 07.6 122 55 19.3	Fl G	4s	5.5	5	Long centre pile of 9-pile dolphin, black, white and green square daymark. Year round.
<b>Chart:3490 Edn 09/02 (P02-068)</b>							
366.7	Annieville Rock Wall 4	NE. of Shoal Pt. 49 11 47.2 122 54 29	Fl(3) R	12s	5.6	5	White tower, red band at top. Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Year round.
<b>Chart:3490 Edn 09/02 (P02-068)</b>							
369	Port Mann Training Dyke Lower	On channel end of dyke. 49 12 53.8 122 53 05.8	Fl G	4s	3.0	5	White cylindrical tower on 4-pile dolphin, green band at top. Year round.
<b>Chart:3490 Edn 09/02 (P02-068)</b>							
371	Sapperton Bar Dyke	At W. end of S. wing of dyke. 49 13 10.2 122 50 53.9	Fl G	4s	2.7	5	Mast on a 3 pile dolphin. Year round.
<b>Chart:3490 Edn 09/02 (P02-068)</b>							
373.7	Cozen Point	49 27 56.4 122 32 11.8	Q G	1s	5.9	.....	Mast. Year round.
<b>Chart:3062 Edn 09/02 (P02-068)</b>							
379	Harrison Hot Springs	On end of rock breakwater. 49 18 42.5 121 46 37	Fl G	4s	8.6	.....	Long pile on a 4-pile dolphin. Year round.
<b>Chart:3061 Edn 09/01 (P02-068)</b>							
381	Westerly	Near NW. extremity of North Arm Jetty. 49 15 26.3 123 16 46.8	Fl(3) W	12s	7.9	10	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. Year round.
<b>Chart:3491 Edn 09/02 (P02-068)</b>							

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<b>PACIFIC (cont'd)</b>							
387.1 G5427	Spanish Bank Anchorage East	49 17 06.7 123 13 09.2	Q Y	1s	6.5	6	Mast on a 9-pile dolphin, white and orange octagonal slatwork daymark, white vertical stripe.  <b>Chart:3481</b> <b>Edn 09/02 (P02-068)</b>
387.2 G5427.2	English Bay Anchorage East	Seaward end of breakwater. 49 16 31.2 123 11 18	Q Y	1s	4.9	8	Mast on wharf railing.  Year round. Privately operated.  <b>Chart:3481</b> <b>Edn 09/02 (P02-068)</b>
408.5 G5465	Terminal Dock East	49 17 38.3 123 03 02.8	Fl R	4s	2.4	7	Mast on pilings.  Year round.  <b>Chart:3493</b> <b>Edn 09/02 (P02-068)</b>
409	CN Railway Bridge Northeast	On bridge abutment. 49 17 43.3 123 01 27.7	F W	.....	8.0	6	East side of railway bridge.  Visible from E. approach. Year round.  <b>Chart:3494</b> <b>Edn 09/02 (P02-068)</b>
409.3	CN Railway Bridge Northwest	On bridge abutment. 49 17 43.3 123 01 28.5	F W	.....	8.0	6	West side of railway bridge.  Visible from W. approach. Year round.  <b>Chart:3494</b> <b>Edn 09/02 (P02-068)</b>
430 G5420.4	Gibsons Landing Rock	On rock. 49 23 56 123 29 54.8	Fl G	4s	7.0	5	White cylindrical tower, green band at top.  Year round.  <b>Chart:3534</b> <b>Edn 09/02 (P02-068)</b>
433.5 G5486.44	Gabriola Passage East	Off NE. side, Valdes Island. 49 07 30 123 41 13	Fl G	4s	5.2	5	White cylindrical tower, green band at top.  Year round.  <b>Chart:3475</b> <b>Edn 09/02 (P02-068)</b>
435 G5488	<b>Entrance Island</b>	On island, northern approach to Nanaimo. 49 12 33.1 123 48 29.3	Fl W	5s	19.0	16	White cylindrical tower. 10.7  Flash 0.14 s; eclipse 4.86 s. Year round.  <b>Chart:3458</b> <b>Edn 09/02 (P02-068)</b>
447.2 G5499	Clarke Rock	On E. side of rock. 49 13 31.5 123 56 29.2	Fl G	4s	5.7	5	White cylindrical tower, green band at top.  Year round.  <b>Chart:3447</b> <b>Edn 09/02 (P02-068)</b>
448 G5502	White Islets	E. of Sechelt. 49 25 06 123 42 38	Fl W	4s	10.7	6	White cylindrical tower.  Radar reflector. Year round.  <b>Chart:3311</b> <b>Edn 09/02 (P02-068)</b>

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449 G5510	<b>Merry Island</b>	SE. extremity of island, SE. entrance to Welcome Passage. 49 28 03.5 123 54 40	FI W	15s	18.3	17 White square tower. 8.2	Flash 0.4 s; eclipse 14.6 s. Year round.
							<b>Chart:3535</b> <b>Edn 09/02 (P02-068)</b>
467 G5521	Northeast Point	On E. end of point, Texada Island. 49 42 32 124 21 23	FI W	4s	9.4	7 White cylindrical tower, green band at top.	Year round.
							<b>Chart:3311</b> <b>Edn 09/02 (P02-068)</b>
471 G5554	Rebecca Rock	On summit of rock. 49 48 50 124 39 30	FI W	2s	9.1	10 White cylindrical tower.	Flash 0.6 s; eclipse 1.94 s. Radar reflector. Year round.
							<b>Chart:3311</b> <b>Edn 09/02 (P02-068)</b>
472 G5551.6	Westview Fishing Harbour South	On seaward end of the southerly breakwater. 49 49 54 124 31 41	FI R	4s	4.6	5 White cylindrical tower, red band at top.	Year round.
							<b>Chart:3536</b> <b>Edn 09/02 (P02-068)</b>
479.5 G5568.6	Thulin Passage	N. end of passage. 50 01 49.1 124 49 38.4	FI G	4s	8.5	5 White cylindrical tower, green band at top.	Year round.
							<b>Chart:3538</b> <b>Edn 09/02 (P02-068)</b>
479.8 G5573	Refuge Cove	SW. tip of West Redonda Island. 50 06 57.5 124 50 53.6	FI R	4s	6.4	5 White cylindrical tower, red band at top.	Year round.
							<b>Chart:3555</b> <b>Edn 09/02 (P02-068)</b>
483.3 G5572	Whaletown Bay Entrance	Cortes Island. 50 06 24.3 125 03 31.2	FI G	4s	5.2	5 White cylindrical tower, green band at top.	Year round.
							<b>Chart:3538</b> <b>Edn 09/02 (P02-068)</b>
490 G5508	<b>Ballenas Islands</b>	On N. point of North Ballenas Island. 49 21 02 124 09 36.8	FI W	10s	21.3	17 White tower. 8.2	Flash 0.5 s; eclipse 9.5 s. Visible from 040° through E., S. and W. to 307°. Emergency light. Year round.
							<b>Chart:3512</b> <b>Edn 09/02 (P02-068)</b>
504 G5545	Comox Harbour breakwater	49 40 09.7 124 55 49.7	FI R	4s	3.6	5 Mast.	Year round.
							<b>Chart:3527</b> <b>Edn 09/02 (P02-068)</b>
504.1	Comox Harbour East breakwater	On outer end of new breakwater. 49 40 04.1 124 55 29.9	FI G	4s	3.3	5 Mast. 1.5	Year round.
							<b>Chart:3527</b> <b>Edn 09/02 (P02-068)</b>

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<b>PACIFIC (cont'd)</b>								
504.3	Courtenay River Beacon # 1	49 39 42.9 124 56 26.2	Fl W	4s	4.6	6	Centre pile on a 7-pile dolphin.  <b>Chart:3527</b> <b>Edn 09/02 (P02-068)</b>	
509 G5566	Kuhushan Point	On the point. 49 53 19.3 125 07 23.2	Fl(2) W	6s	17.7	12	White square skeleton tower. Flash 0.5 s; eclipse 1 s; flash 0.5 s; eclipse 4 s. Year round.  <b>Chart:3513</b> <b>Edn 09/02 (P02-068)</b>	
520 G5595	Walkem Islands	50 21 27.4 125 31 30.6	Fl R	4s	5.6	5	White cylindrical tower, red band at top. Year round.  <b>Chart:3543</b> <b>Edn 09/02 (P02-068)</b>	
522 G5598	Vansittart Point	On point, S. side of West Thurlow Island. 50 22 36.2 125 44 36.1	Fl R	4s	9.7	5	White cylindrical tower, red band at top. 4.3 Year round.  <b>Chart:3544</b> <b>Edn 09/02 (P02-068)</b>	
522.5 G5599	Race Passage East	On rock. 50 22 51.7 125 48 47.8	Fl G	4s	5.3	5	White cylindrical tower, green band at top. Year round.  <b>Chart:3544</b> <b>Edn 09/02 (P02-068)</b>	
524 G5600.4	Current Passage Sector	S. side of Hardwicke Island. 50 24 33.6 125 48 36.8	F R W G	.....	5.6	8	White cylindrical tower. Red from 326° to 330°; white from 330° to 336°; green from 336° to 340°. White sector indicates preferred channel. Year round.  <b>Chart:3544</b> <b>Edn 09/02 (P02-068)</b>	
533 G5603	Helmcken Island South Sector	On S. side of island. 50 23 38.4 125 52 17.7	Q	W-R	1s	9.4	5	White cylindrical tower. 5.7 Red 274° to 280°30', white 280°30' through N. and E. to 114°20' red 114°20' to 122°20'. Year round.  <b>Chart:3544</b> <b>Edn 09/02 (P02-068)</b>
543 G5608	Tuna Point	W. end of point, E. side of entrance to Blenkinsop Bay. 50 28 31.1 126 00 07.6	Fl R	4s	9.4	5	White cylindrical tower, red band at top. 5.8 Year round.  <b>Chart:3564</b> <b>Edn 09/02 (P02-068)</b>	
544 G5613	Boat Bay	W. of bay. 50 31 10.2 126 34 41.8	Q	W	1s	10.7	7	White cylindrical tower, red band at top. Obscured by high land northward of 102°. Year round.  <b>Chart:3545</b> <b>Edn 09/02 (P02-068)</b>
550.2 G5624	Haddington Reefs Pier	50 36 27.5 127 00 37.5	Fl R	2s	7.7	8	White cylindrical tower, red band at top. Flash 0.06 s; eclipse 1.94 s. Year round.  <b>Chart:3546</b> <b>Edn 09/02 (P02-068)</b>	

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553 G5628	Pulteney Point	On point, SW. end of Malcolm Island. 50 37 49.9 127 09 17.6	Fl R	10s	12.2	14	White square tower.  Flash every 10 s. Visible from 278° through N. and E. to 145°.  <b>Horns(2)</b> - Blast 2s; sil. 3s; blast 2s; sil. 3s; blast 2s; sil. 48s.  <b>Chart:3546</b> <b>Edn 09/02 (P02-068)</b>
559.5 G5629.6	Numas Island	SE. part of island. 50 45 55.3 127 04 17.6	Fl W	4s	6.3	7	White cylindrical tower. Year round.  <b>Chart:3547</b> <b>Edn 09/02 (P02-068)</b>
561 G5652	Jeannette Islands	On largest island. 50 55 16.4 127 24 50.9	Fl W	4s	9.5	7	White cylindrical tower, red band at top. Year round.  <b>Chart:3548</b> <b>Edn 09/02 (P02-068)</b>
562 G5654	Harris Island	On island. 51 00 00.8 127 33 51.1	Fl W	4s	13.8	6	Mast. Year round.  <b>Chart:3921</b> <b>Edn 09/02 (P02-068)</b>
568 G5633	Doyle Island	On SE. extremity of island. 50 48 19.4 127 27 38.3	Fl W	4s	14.1	10	White cylindrical tower, green band at top. Year round.  <b>Chart:3549</b> <b>Edn 09/02 (P00-161, P02-068)</b>
569.3 G5647.4	Tribune Rock	On rock. 50 51 27.5 127 33 58.9	Fl G	4s	6.6	5	White cylindrical tower, green band at top. Year round.  <b>Chart:3549</b> <b>Edn 09/02 (P02-068)</b>
588.7 G5709	Spider Channel	N. end of Spider Island. 51 51 46.2 128 15 31.6	Fl W	4s	18.8	6	Square skeleton tower. Year round.  <b>Chart:3937</b> <b>Edn 09/02 (P02-068)</b>
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.  <b>Horns(2)</b> – Blast 2s; sil. 18s. Horns point N. and S.  <b>Chart:3787</b> <b>Edn 09/02 (P02-068)</b>
630.2	Alexander Island	52 57 18 129 18 24	Fl W	4s	11.8	10	White cylindrical tower. Year round.  <b>Chart:3724</b> <b>Edn 09/02 (P02-068)</b>

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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		
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.  <b>Horn</b> – Blast 2 s; sil. 18 s  <b>Chart:3711</b> <b>Edn 09/02 (P02-068)</b>
685 G5770	<b>Lawyer Islands</b>	On summit of northernmost island, at its NW. end. 54 06 46 130 20 36.5	Fl	W	5s	38.4	16	Square skeleton tower. 19.8	Flash every 5 s. Obscured from 321° to 322° and from 324° to 326°. Year round.  <b>Chart:3957</b> <b>Edn 09/02 (P02-068)</b>
716 G5803.4	Roberson Point Sector	On bank, W. of point. 54 19 24 130 24 27.9	F	R W G	.....	2.8	7	Square skeleton tower, orange daymark, black vertical stripe.	Red from 110°30' to 114°; white from 114° to 118°; green from 118° to 124°. White sector indicates preferred channel. Year round.  <b>Chart:3955</b> <b>Edn 09/02 (P02-068)</b>
719.2 G5807.2	Lucy Islands North	54 18 07.4 130 37 21.6	Q	W	1s	5.4	5	White cylindrical tower.	Year round.  <b>Chart:3957</b> <b>Edn 09/02 (P02-068)</b>
730 G5814	<b>Green Island</b>	On SW. side of island. 54 34 06.8 130 42 31.5	Fl	W	5s	19.2	16	White tower. 10.7	Flash every 5 s Emergency light. Year round. Operates at night only.  <b>Chart:3959</b> <b>Edn 09/02 (P02-068)</b>
770 G5826	<b>Cape St. James</b>	On the cape, St. James Island. 51 56 10 131 00 52	Fl	W	5s	96.0	16	Mast.	Flash every 5 s. Year round.  <b>Chart:3825</b> <b>Edn 09/02 (P02-068)</b>
779 G5836.2	McCoy Cove Sector	E. side of cove. 53 02 02.5 131 39 18.9	F	G W R	.....	4.6	6	Square skeleton tower.	Green from 082° to 090°; white from 090° to 092°; red from 092° to 101°. White sector indicates the preferred channel. Year round.  <b>Chart:3894</b> <b>Edn 09/02 (P02-068)</b>
799 G5847.8	Refuge Island Boat Harbour Sector	At Mia-Kwun Indian village. 54 06 46.7 132 18 39.2	F	R W G	.....	4.8	7	Square skeleton tower.	Red from 206° to 213°; white from 213° to 216°; green from 216° to 223°. White sector indicates preferred channel. Year round.  <b>Chart:3892</b> <b>Edn 09/02 (P02-068)</b>

**SECTION 5 – Edition 09/2002**  
**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 (cont'd)**

818.5	Smith Island Reef	On reef. 54 34 00 124 42 33	Fl W 4s	4.3	6	Mast.	Seasonal.
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Chart:3080  
Edn 09/02 (P02-068)

**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.