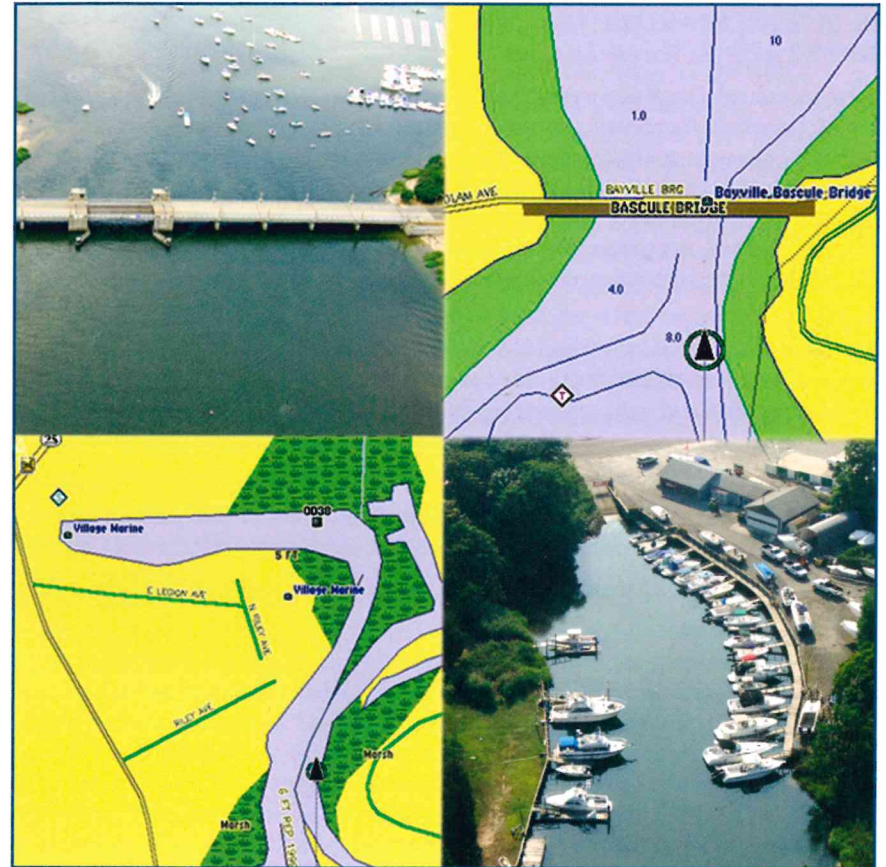


# BlueChart® g2™

user's guide



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**WARNING:** The tide and current predictions derived from this software are not to replace the Canadian Tide and Current Tables, which are required under the Charts and Nautical Publications Regulations of the Canada Shipping Act and which must be used for navigation within Canadian waters. Official Canadian Tide and Current Tables may be obtained from the following location:

Chart Distribution Office  
Canadian Hydrographic Service  
Department of Fisheries and Oceans  
Institute of Ocean Sciences, Patricia Bay  
P.O. Box 6000, 9860 West Saanich Road  
Sidney, British Columbia, V8L 4B2  
Tel: (250) 363-6358; Fax: (250) 363-6841  
E-mail: [chartsales@pac.dfo-mpo.gc.ca](mailto:chartsales@pac.dfo-mpo.gc.ca)  
Web: <http://www.charts.gc.ca>

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## TABLE OF CONTENTS

Preface .....	1
Terminology .....	1
Warranty Information .....	1
Product Registration .....	1
Contact Garmin .....	1
Introduction.....	2
Understanding BlueChart g2 Data.....	3
Getting Started.....	4
Installing a BlueChart g2 Data Card .....	4
BlueChart g2 Card Caution .....	4
Using BlueChart g2 .....	5
Viewing BlueChart g2 Information.....	5
Accessing Additional Object Information .....	6
Accessing Paper-Chart-Specific Information .....	6
Viewing Tides and Marine Services Information .....	8
Understanding the Differences Between Electronic and Paper Charts .....	9
Reporting Chart Errors .....	10
Appendix .....	11
Caring for Your BlueChart g2 Data Card .....	11
Reading the ID Code on a BlueChart g2 Card .....	11
Exclusive Garmin Programs .....	12
Purchasing BlueChart g2 Cards .....	13
BlueChart® g2 Data Card Order Form.....	15

## PREFACE

### Terminology

This guide uses the following terminology:

- **Card**—Pre-programmed Garmin data card.
- **Garmin unit**—Garmin GPS unit or Garmin chartplotter.

### Warranty Information

Examine your preprogrammed BlueChart g2 card for damage immediately upon receipt. Garmin accepts returned cards within 10 days of the purchase date, if the card is found to be defective.

### Product Registration

Help us better support you by completing our online registration today! Why should you register? By registering your purchase you are assured of notification of product updates or information about new products.

#### To register your preprogrammed BlueChart g2 data card:

1. Have the ID code of your preprogrammed BlueChart g2 card handy, and connect to Garmin's Web site at <http://www.garmin.com>.
2. From the Garmin home page, click **Product Registration** on the left side of the page.
3. Select **Data Card (Pre-Programmed)**, and click **Next**.
4. Select **BlueChart g2 Data Card** from the drop-down list, and click **Next**.
5. Complete the contact information, and then click **Next** to complete the registration.

### Contact Garmin

If you encounter difficulty while using BlueChart g2, or if you have any questions, in the U.S.A. contact Garmin Product Support by phone: 913/397.8200 or 800/800.1020, Monday–Friday, 8 AM–5 PM Central Time; or go to [www.garmin.com/support/](http://www.garmin.com/support/), and click **Product Support**; or send an e-mail to [cartography@garmin.com](mailto:cartography@garmin.com).

In Europe, contact Garmin (Europe) Ltd. at 44/0870.8501241.

## INTRODUCTION

BlueChart® g2™ is Garmin's exclusive line of highly-detailed marine cartography, which is built into Garmin's GPSMAP 492 and 498 chartplotters, the large-display GPSMAP 3200 series, and GPSMAP 2200 series of chartplotters.

The BlueChart g2 has a very smooth presentation on the chartplotter display. BlueChart g2 has all the detail of traditional BlueChart, but with additional functions, such as an optional 3-D perspective and tides and currents. Additional enhancements include:

- General coastal road detail
- Marine services information
- Improved IALA navigational symbols
- Shaded depth contours, port plans, wrecks, restricted areas, and more.

BlueChart g2's detailed electronic nautical charts look like paper charts when displayed on your Garmin unit. BlueChart g2 data is available in two formats:























- **Preloaded on your Garmin chartplotter**—contains all the detail of traditional BlueChart and the additional functions listed previously.
- **Pre-programmed Garmin data card**—contains additional data including highly detailed coastal roads and points of interest such as restaurants, lodging, local attractions and more. Full-color aerial photos of ports, marinas, bridges, and navigational landmarks are also included on many BlueChart g2 data cards. Garmin data cards work only with compatible Garmin units.

Current owners of Garmin GPSMAP 3005C, GPSMAP 3006C, and GPSMAP 3010C chartplotters can also use g2 data cards after loading a required software update. Although BlueChart g2 is not compatible on earlier generation chartplotters, Garmin continues to offer and support traditional BlueChart cartography. Likewise, the newest generation of Garmin chartplotters support previous versions of BlueChart. Look for the following logo on the product packaging.



## Understanding BlueChart g2 Data

BlueChart g2 electronic charts use graphic symbols to denote map features. Some common symbols you might see include, but are not limited to, the following\*:

	Airport/Seaplane Base		Dangerous Rock		Pilot Boarding Area
	Anchorage Berth		Explosive		Precautionary Area
	Anchoring Prohibited		Exposed Rock		Radio Report Point
	Beacon		Exposed Wreck		Recommended Anchorage
	Building		Fishing Harbor		Rescue Station
	Buoy		Fishing Prohibited		Tide Station
	Church		Information		Yacht Harbor
			Marina Information		

\*Some symbols might appear differently on your chartplotter.

Other features common to most BlueChart g2 data include:

- Depth contour lines (with deep water represented in white)
- Inter-tidal zones
- Spot soundings, as depicted on the original paper chart
- Navigational aids and symbols
- Obstructions and cable areas

For more information about nautical chart symbols in the United States of America, see *Chart No. 1 Nautical Chart Symbols Abbreviations and Terms* at <http://www.noaa.com>.

## GETTING STARTED

### Installing a BlueChart g2 Data Card

Look for a compartment door or rubber weather cap on the bottom (or front for large chartplotters) of your Garmin unit. Beneath that door is a slot for the BlueChart g2 data card.



To insert the card, place the card into the slot (connector end first) with the label facing toward the front of the Garmin unit. When the card is in place, close the compartment door, or reinsert the rubber weather cap. See your Garmin unit owner's manual for specific card installation instructions.



**CAUTION:** Insert the connector end of the card into the card slot. Improper installation can result in damage to your Garmin unit and can void your warranty.

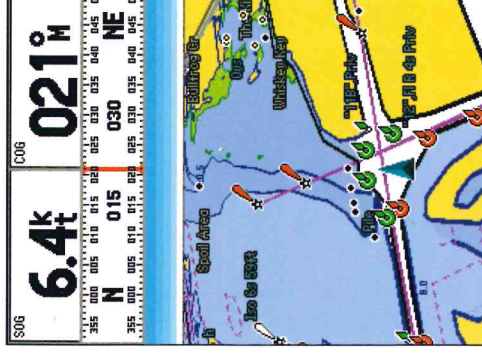
### BlueChart g2 Card Caution

Do not use preprogrammed BlueChart g2 cards for saving MapSource maps. The preprogrammed data will be lost. Remove any BlueChart g2 cards in your Garmin unit before transferring MapSource maps to the unit to avoid losing the preprogrammed data. If you overwrite the preprogrammed data on a BlueChart g2 card, Garmin will not replace or recover the lost data.

## USING BLUECHART G2

### Viewing BlueChart g2 Information

BlueChart g2 technology for the coastal United States (including Alaska and Hawaii) are built-in on Garmin's GPSMAP 492 and GPSMAP 498 chartplotters, as well as its large-display GPSMAP 3200 series and GPSMAP 2200 series of chartplotters.



BlueChart g2 Shown on a GPSMAP 498

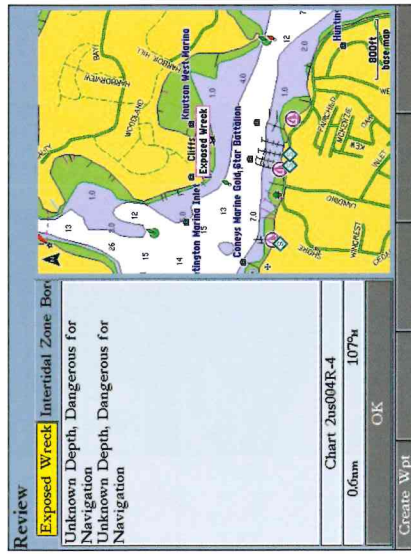
You can purchase pre-programmed data cards containing additional BlueChart g2 data. These BlueChart g2 data cards include highly detailed coastal roads and points of interest such as restaurants, lodging, local attractions, and more. Full-color aerial photos of ports, marinas, bridges, and navigational landmarks are also included on many data cards.

### Accessing Additional Object Information

For many objects you see on a BlueChart g2 map, you can access additional information about that object.

#### To access additional object information when using a Garmin unit:

Place the unit's map pointer on an object, and press **ENTER**. A window appears with additional information for the selected object.

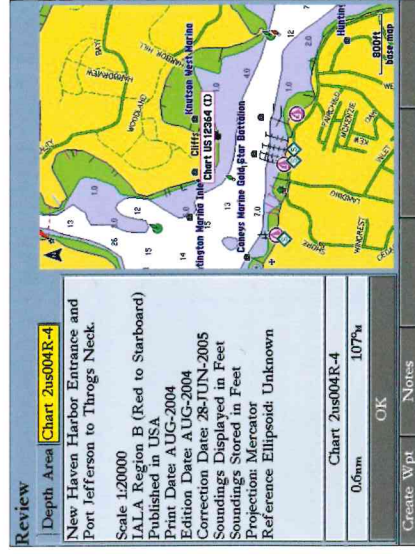


### Accessing Paper-Chart-Specific Information

BlueChart g2 cartography provides paper-chart-specific information, such as chart publisher, print date, edition date, NTM (Notice to Mariners), correction date, and scale. Additional notes are available for the paper charts.

#### To view paper-chart-specific information on your Garmin unit:

Place the unit's cursor on an open area of the chart, and press **ENTER**. A window shows the chart information and allows you to view additional notes about the chart area.

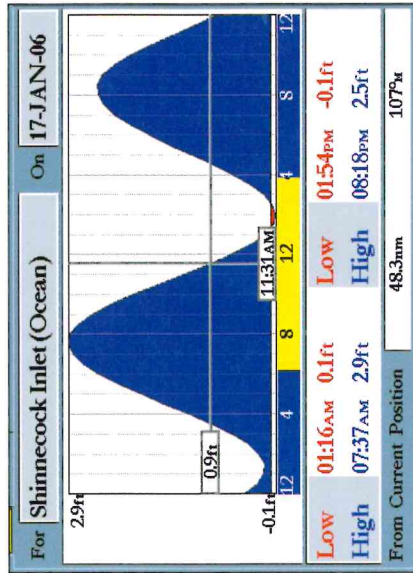


BlueChart g2 electronic map detail is presented on a chart-by-chart basis. By providing paper chart-specific information, you can know exactly from which chart and scale each displayed feature is digitized. BlueChart g2 electronic charts are a faithful reproduction of the published official paper charts that mariners are required to carry.

BlueChart g2 data is not seamless. Just like the paper charts from which the data is derived, you might observe some discontinuity along chart borders on your Garmin unit. For example, if a contour is present on one chart, and not on the adjacent chart, the BlueChart g2 data is represented on your Garmin unit the same way.

## Viewing Tides and Currents Information

BlueChart g2 provides tide and current information. See your owner's manual for compatibility and instructions on viewing tide and current information on your Garmin unit.



Tide Information as Shown on a GPSMAP 3206

## Understanding the Differences Between Electronic and Paper Charts

Occasionally, boaters notice that the BlueChart g2 data does not duplicate a particular feature shown on the paper chart they are using. Garmin uses the best charts available and carefully turns the paper charts into a digital format for display on an electronic screen. If there are errors, omissions, or discrepancies on paper, they might occur electronically too.

On paper charts, sometimes even large features like a breakwater might not be shown clearly or at all. Large breakwaters are sometimes not shown on the harbor charts, but are shown on coastal charts—or vice versa! These decisions are made by the chart maker, such as NOAA/NOS. In some cases, bridges, or other features washed away in storms decades ago, are still shown on the paper charts. Recent changes in coastlines are often not reflected on paper charts for years.

The same is true for new marinas and ports. Sometimes, well-known local landmarks might be shown so small on the paper chart that they are indistinguishable from surrounding features to someone not familiar with the area. In these cases, a feature might not be accurately depicted on the electronic chart.



## Reporting Chart Errors

Even when a feature is shown on the paper chart, it can be overlooked or misspelled during the data entry process. These are small problems that can be easily corrected and do not affect the quality of the overall BlueChart g2 data.

If you notice something missing or incorrect in the BlueChart g2 data, first check the best available scale paper charts of the area to see how the feature is represented on the paper chart. If we have not represented it accurately, or if you know additional information about the feature, visit Garmin's Web site and fill out the online error report form. You can find this form at <http://www.garmin.com/cartography/>.

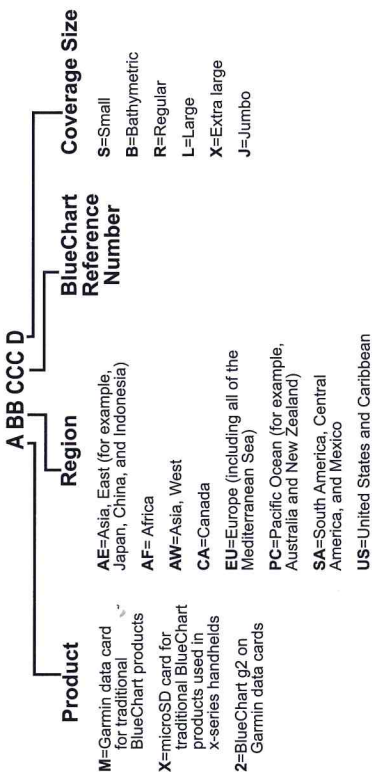
## APPENDIX

### Caring for Your BlueChart g2 Data Card

BlueChart g2 cards are not waterproof. When you are not using the card, keep it in the original packaging for safekeeping, and store it away from exposure to sun and rain. BlueChart g2 cards are susceptible to damage from static electricity. In low humidity environments, you should ground yourself on a large metal object before handling the card. The card packaging is sealed and does not contain any user-serviceable parts.

### Reading the ID Code on a BlueChart g2 Card

Preprogrammed BlueChart g2 cards have a seven-digit ID code. This identification system uses the following conventions:



**NOTE:** BlueChart g2 data cards are only available in Small, Bathymetric, Regular, and Large sizes.

For the most recent listing of available BlueChart g2 data cards, visit the Garmin Web site at <http://www.garmin.com>. From the Maps and Charts section of the Garmin Web site, you can view the listing of available BlueCharts, the areas of coverage, and the paper charts contained within each card. A printed list is also available, which lists Garmin's current BlueChart g2 cards, part numbers, and the latest pricing.

## Exclusive Garmin Programs

These programs apply to the U.S. market only. These programs are not available through our European or Asian offices. All programs listed are available directly from Garmin U.S. to end-users only.

Garmin believes that updates are an extremely critical issue for Marine Cartography, and we are committed to providing our customers with regular semi-annual updates. As updates occur, we will make every effort to ensure that the areas of coverage for a given card remains the same. Updates may include new data or NTM (Notice to Mariners) changes. Any changes can be viewed on details page for each card.

**BUYER PROTECTION POLICY:** (Applies ONLY to preprogrammed BlueChart g2 cards.) If a BlueChart g2 card is updated within 30 days of the original purchase date you may receive one free update. The identification number and coverage area must remain the same.

**UPDATE/TRADE-IN PROGRAM:** (Applies ONLY to preprogrammed BlueChart g2 cards.) Garmin will strive to offer semi-annual updates. If you own a factory preprogrammed BlueChart g2 card that is outdated, or would like to purchase a card for a different coverage area, Garmin offers an Update/Trade-In program. Simply send us your old factory preprogrammed BlueChart g2 card, and receive a 50% discount towards Garmin's list price on any factory preprogrammed BlueChart g2 card that includes sizes of S(mall), R(egular), L(arge), and B(athymetric). These sizes of cards can be interchangeable, for example, trade-in a Small BlueChart g2 card for a Bathymetric card, or vice versa. Only one update or trade-in per new BlueChart g2 card is allowed. BlueChart g2 pre-programmed cards CANNOT be traded in for any MapSource BlueChart Software. To return BlueChart g2 for update, contact Garmin Cartography at 800/800.1020 (or e-mail at: [cartography@garmin.com](mailto:cartography@garmin.com)) to obtain a Return Material Authorization (RMA) number. The return authorization number must appear on the outside of the shipping package, and the BlueChart g2 card must be shipped freight prepaid to Garmin at: 1200 East 151st Street, Olathe, KS 66062.

**UPGRADING FROM BLUECHART TO BLUECHART g2:** To encourage current Garmin customers to upgrade to our BlueChart g2 line, Garmin provides a 30% discount off the Garmin list price on new BlueChart g2 cards for end-users who send us a BlueChart data card, excluding our Extra Large and Jumbo BlueChart cards. This is a one-for-one discount available directly from Garmin only. To verify compatibility with BlueChart g2 data, you will be asked to present proof of a new chartplotter purchase.



**NOTE:** BlueChart g2 is not compatible with all Garmin models. Refer to <http://www.garmin.com> for more information.

## Purchasing BlueChart g2 Cards

You can purchase additional BlueChart g2 cards by contacting Garmin at one of the addresses or phone numbers listed on the [copyright page](#) of this guide, or by using the form on page 15.

**Notes:**

**BlueChart® g2 Data Card Order Form**

*If you want to trade-in or update BlueChart g2, contact Garmin Product Support at: 800/800.1020.*

**Shipping Address:**

Name \_\_\_\_\_ Date \_\_\_\_\_  
Street Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
ZIP/Postal Code \_\_\_\_\_ Country \_\_\_\_\_  
Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
E-mail Address \_\_\_\_\_

Card Format Requested: Garmin Data Card [  ]

BlueChart g2 Requested (for example, 2US006R - Chesapeake) \_\_\_\_\_

Model of Garmin Chartplotter or GPS Unit You Own \_\_\_\_\_

**NOTE:** BlueChart g2 cards do not work with all Garmin units. Refer to the product information for your Garmin unit at [garmin.com](http://garmin.com) for information about which Garmin units work with your card.

Express Shipping (additional charge applies)

**Charge Agreement:**

I authorize Garmin to charge my VISA/MasterCard/American Express/Discover for the appropriate amount.

Data cards should be examined immediately upon receipt. Returns must be made within 10 days of the invoice date for credit. No credits will be issued after this period.

**Bill the above order to my credit card:**

Type (circle one): VISA    MasterCard    American Express    Discover  
Account # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature (as it appears on your card) \_\_\_\_\_

Mail or fax the completed form to Product Support at Garmin International (see address and phone numbers on the copyright page of this guide). You can also order online at <http://www.garmin.com> or by contacting us using e-mail at: [cartography@garmin.com](mailto:cartography@garmin.com). Photocopies of this form are acceptable.

(Cut Here) ✂

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[www.garmin.com](http://www.garmin.com)

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