Demo

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Preface

This introductory document provides an overview of the functionalities available in eGlobe G2 Demo.

eGlobe G2 Demo is designed to combine both an easily operated and multifunctional ECDIS as well as an overall coverage of services provided out of one hand. This includes charts, Kernel software, human-machine Interface, hardware, training, consultancy and customer support.

Note:

This demo version of eGlobe G2 does not comply with the latest standards for ECDIS operation and must not be used for navigation.

This demo version of eGlobe G2 works with different combinations of hardware. This can be either a touchscreen unit, or non-touchscreen in combination with a hardware keyboard (incl. trackball).

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1 Introduction

This brief document was created to provide an overview of the demo version of eGlobe G2 to simplify getting started with the use of the software. Different from conventional ECDIS software, the demo version has no real sensor input and its configuration is integrated in the setup. In order to provide an overview of basic navigational functionalities, a simulator window will allow to control an imaginary own ship.

Control the ship via position entries for LAT/LON as well as changing Course and Speed.

The selection of Info Labels on the left hand side will change accordingly.

The system is prefilled with a US charts, a route, a user chart and several position marks. The general settings are defaulted.

2 Functional Overview

Get started with eGlobe G2 in these simple steps.

2.1 Gestures in eGlobe G2

eGlobe G2 was designed for use with touchscreen units. This does not compromise the use of the software with a non-touchscreen device.

A single left click/brief tap confirms an action (e.g. on a button).

In order to allow touchscreen operations to cover all possible gestures of a non-touch, the software frequently uses the context menu function (long press and release/right mouse click). The context menu can be opened for a variety of settings, including on the

- chart area
- own ship
- handles in planning mode
- header of the planning mode table
- waypoint in the route planning table
- frame function

To pan the chart from *a to b*, click-hold and move the chart.

Zooming can be done on the top right range widget (+) and (-), or direct range selection. Alternatively, pinch open / pinch close is also possible.

2.2 Screen Layout and Menus

2.2.1 Task Bar

In eGlobe 2 the screen is divided into three sections (for the main sailing view).

On the right hand side there is the task bar. It allows to switch between several different views/tasks.

The tasks are (top down):

- S-Mode: Chart view with integrated information panel vertically positioned at the left side of the screen.
- Sailing Mode: Most used mode during the voyage. All navigational features are available. A planned route can be activated in this mode.
- Planning Mode: For planning, creating, modifying and checking routes/voyages and managing User Charts and Overlays.
- Chart Loader: For manually handling charts and updates; gives an overview of all charts in use.
- View Alerts: Alarm settings and management.
- Settings: To define usage related settings for the eGlobe G2 system.
- Profiles: Scenario-dependent and personalized settings can be stored as profiles to ensure flexibility and handiness of eGlobe G2.
- Integrator: To switch between the first layer and other control functions and features of eGlobe G2.
- Info module: Displays the cursor/touch position, bearing and distance to the own ship position.
- Brightness: Allows for adjusting the screen brightness to ambient circumstances.

2.2.2 Toolbar

The second section of the eGlobe G2 screen is the Toolbar which is located horizontally at the bottom of the screen.

This chapter lists the most important tools available in the Toolbar.

Toolbar

2.3 Planning a Route

- In the Task Bar, open *Planning Mode*.
- Tap on *New*.
- Name the route.
- Make sure that the Edit button is active.
- Create, move and modify waypoints by tapping on the chart.
- An instant check for each leg will be performed; tap on the *Check* button to finally check the completed route.
- Save the route.

2.4 Activating a Route

- Switch to *Sailing Mode*.
- Open the *NAV* window.
- Switch to the *Route* tab.
- Tap on *Load Route*.
- Select the created route.
- Tap on *Ok*.
- The active route will be loaded onto the screen, and all ship related calculations will be done for the own ship and the active route.

Please note that the *NAV* button is one central element within eGlobe G2 and its *Sailing Mode*. The ship, antigrounding and route settings should be properly defined in order to make the software function properly.

Whenever specific settings which are not limited to the ones set under *NAV* have been defined for dedicated navigational scenarios it is recommended to save them as *Profiles*. This will allow for fast selection of situational settings which may be required later.

2.5 Charts in the Demo

As per default the demo version will contain some US charts of the area of New York.

The demo route from NY to Tampa is not completely covered by the default collection. However, a ChartWorld demo account has been set up to download more charts to fill up the collection. Please enter the following access details to download these cells:

```
FTP Account Username: DC19966
FTP Account Password: CH051
```

How to download the charts:

1. Switch to *Chart Loader*.
2. Open the *Settings* tab and select *CW FTP*.
3. Enter the access details for the FTP Demo Account.

4. Switch to the *Install* tab and tap on *Scan FTP*.
5. Confirm the download and tap on *Apply.*

Weekly updates will be available on the FTP account every Thursday. In order to update the chart collection it is possible to weekly rescan the FTP and automatically download the updates. The install routine is started via tapping on the *Apply* button.

This demo version is capable of installing additional unprotected S-57 data, even from a removable device (define the path on the *Settings* tab and tap on *Scan Drive* instead of *Scan* FTP, then tap on *Apply*). Please note that regular S-63 data (e.g. AVCS or Primar) cannot be installed in the demo version.

2.6 Hardware Requirements

The hardware requirements for eGlobe G2 Demo are

General Requirements	Recommended Requirements
Windows 7, 8, 8.1	SSD or HDD
Intel i3 or i5 Processor	3G / LTE capability if a mobile device with limited internet access connectivity is in use
4 Gb RAM	
HD Resolution (1920 x 1080)	
60 Gb free disc space	

Note: Lower spec hardware may work but has not been tested.