



Software Update Procedures for SEIWA marine electronics

Barracuda Series, Barramundi, Barramundi Plus, EXPLORER 23, Explorer 3, Explorer MK2 Trackball, Explorer MKII Trackpad, FT70, KinkFish, LCD 7, Mako, Marlin, Millenium 7, Millenium 7 Color Plus, Murena series, Nautilus series, NavPlotter CRT8, Oyster 1st edition, Oyster 2nd edition, PloRad series, Plot700 series, Seahorse Series, Sealion, Seawave 12 MKII, Seawave SD, Starfish series, 1100, 1101, SW500ci SW500ce, SW500i SW501e, SW501ci SW501ce, SW501i SW501e, SW700ci SW700ce, SW700i SW700e, SW701ci SW701ce, SW701i SW701e, SWx 900w, SWx 900cw, Swx 1200w, SWx 1200cw, Tigershark, Tigershark Plus, Voyager, Black Box 1000W 50/200kHz, Radar SWRx series, Autopilots APx series, NMEA instruments SWRPx series

V.1.0



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Need help ?

Contact us!

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1. The Software update Archive

In the Software Update Archive page,

https://seiwa-marine.com/marine/en/support/archive_software

you will find for each product the list of software releases with:

- Software Version, Name of the software, link to download the software files zip.
- Languages supported
- Compatibility: list of Model Numbers of the compatible products



Barracuda Series

Software available for this model

- [\(v.16.31.00R\) S4XGSW7WC](#)

Languages: CRO, CZE, DAN, DUT, ENG, FIN, FRE, GER, GRE, ICE, IND, ITA, NOR, POL, POR, RUS, SPA, SWE

Compatible with these Model Numbers: P2MW200BSB, P2MW2000SW, P2MW200ESW, P2MW200ASW, P2MW210ASW, P2MWS00ASE, P2MWS10ASE, P2MWS00ESE, P2MWS01ESE, P2MWS000SE

- [\(v.15.07.00R\) S3XGSW7WC](#)

Languages: CRO, CZE, DAN, DUT, ENG, FIN, FRE, GER, GRE, ICE, ITA, NOR, POL, POR, RUS, SPA, SWE

Compatible with these Model Numbers: P1MW200ASW, P1MW2100SW, P1MW2300SW, P1MW230ESW, P1MW2000SW, P1MW230ASW, P1MW231ASW, P1MW2000SB, P1MW2100SB, P1MW2300SB, P1MW230ESB, P1MW200ASB, P1MW230ASB



2. What do you need to do before starting

Before downloading any software file, you need to:

1. Find the **Model Number** of your device
2. Find the **Software Version** installed on it
3. Verify your software is up-to-date
4. Back-up your data (for products with C-cards or SD cards)

2.1 Finding out your device model number

Each device is identified by a model number "Mod".

You can find the model number printed on the label on the back of your device, after the letters "Mod".

It is very important to know the exact model number, because each model may require different software.

Here are some examples:





2.2 Finding out which software is installed on your device

In order to find out the name, version and date of release of the software installed on your device:

1. Turn on your plotter
2. Press Menu
3. Select "About"
4. Find the "Software" line with name, version and date of issue.

For example:

Software: S5EGSWCTC V16.21.00R [03/09/2010]

- S5EGSWCTC is the name of Software
- V16.21.00R is the version of Software
- [03/09/2010] is the release date

Charting Operating System	
Software	S5EGSWCTC V16.21.00R [03/09/2010]
NTSL	V7.7.25.0R [23/04/2010]
Kernel	V1.63.0R [13/07/2010]
File System	V3.30.0R [18/08/2009]
BIOS	V2.1.36R [28/01/2010]
GPS	Generic
FF Library	V1.32.00R [16/10/2009]
FF Module	not detected
Radar Library	V1.20.00R [20/05/2008]
Radar Module	not detected
C-Weather	V1.20.00R [18/08/2009]
Loader	V4.06R
INTMAP	WW-M005.04 Background Cartridge V2.06
Media 1:	no media
Media 2:	no media



2.3 Verifying if your software is up-to-date

Always check if your software version is the latest available on the software archive page in order to avoid an unnecessary update operation.

2.4 Saving a back-up of your data

Before updating the software, you need to back up your user data (marks, routes, tracks), which can be restored after the update procedure.

Please refer to your chart plotter user manual for instructions on how to back up data.

3. Update procedure

There are different update procedures, depending on which type of memory card is used by your device:

- C-Card
- SD Card
- Micro SD card



3.1 Update Procedure for devices with C-Card



WHAT DO YOU NEED:

1. **PC**
2. **Empty C-card**
3. **C-card reader**
4. **DPS tool**

IMPORTANT NOTE: in order to update chart plotters that use C-Card is mandatory to visit a C-Map DPS Center to get the DPS tool.

Devices with C-Card:

Barracuda Series, Barramundi, Barramundi Plus, Explorer 3, Explorer MK2 Trackball, Explorer MKII Trackpad, KinkFish, LCD 7, Mako, Marlin, Millenium 7, Millenium 7 Color Plus, Murena series, Nautilus series, NavPlotter CRT8, Oyster 1st edition, Oyster 2nd edition, PloRad series, Plot700 series, Seahorse Series, Sealion, Seawave 12 MKII, Starfish series, 1100, 1101, Tigershark, Tigershark Plus, Voyager.



UPDATE PROCEDURE:

1. **Before updating** the software, you need to back up your user data (marks, routes, tracks), which can be restored after the update procedure. Please refer to your chart plotter user manual for instructions on how to back up data.
2. In the Software Archive Page find the latest software version available for your device
https://seiwa-marine.com/marine/en/support/archive_software
3. Download the ZIP file;
4. Connect the DPS C-card reader (that you can get from C-MAP) to the PC via USB
5. Insert an empty C-card into the C-card reader
6. Open the DPS tool and select “**tools**”;
7. Select “**program software cartridge**”;
8. Select “**open**” and open the ZIP file with the SWX file inside;
9. Select “**Ok**” and start programming;
10. Once the procedure is finished, extract the c-card form the c-card reader
11. Insert the programmed C-Card into the chart plotter (turned off);
12. Turn the chart plotter on;
13. Wait till the chart plotter uploads the new software. In 5 minutes the chart plotter will start working as usual;
14. Turn the chart plotter off;
15. Extract the C-Card from the chart plotter;
16. Turn on the Chart Plotter while pressing and holding any other key: this way you will open the “system test mode”.
17. Perform the **Clear Ram** procedure (it will delete all user points, tracks, and routes in the chart plotter);
18. Turn the Chart Plotter off and then on again;
19. Now the Chart Plotter is completely updated;
20. You can now restore your data back-up.



3.2 Update Procedure for devices with SD Card



WHAT DO YOU NEED:

1. **PC with SD card reader** (built-in or external reader)
2. **SD card**

IMPORTANT NOTE: in order to update your chart plotter, you can use any empty SD card that is not HC (high capacity), which means up to 4GB. The SD card will be used only to transfer the software file from your PC to your Chart plotter.

Devices with SD Card:

SW500ci SW500ce, SW500i SW501e, SW501ci SW501ce, SW501i SW501e, SW700ci SW700ce, SW700i SW700e, SW701ci SW701ce, SW701i SW701e, Seawave SD, SW1100, SW 1101.



UPDATE PROCEDURE:

1. **Before updating** the software, you need to back up your user data (marks, routes, tracks), which can be restored after the update procedure. Please refer to your chart plotter user manual for instructions on how to back up data.
2. In the Software Archive Page find the latest software version available for your device
https://seiwa-marine.com/marine/en/support/archive_software
3. Download the ZIP file;
4. Extract the "**name of the file.SWX**" file from ZIP file;
5. Rename the "**name of the file.SWX**" file as "**CMPUPD.SWX**";
6. Create a New folder on your PC and rename it "**UPLOAD**";
7. Read the SD Card and copy the folder "**UPLOAD**" into the main root of the SD card
8. Copy the file **CMPUPD.SWX** into the folder **UPLOAD** in the SD card;
9. Safely remove the SD card from the PC / reader
10. Insert the SD card into the Chart Plotter SD card slot;
11. Turn on the Chart Plotter;
12. The message "**LOADING COMPONENTS**" will be shown on the screen; this operation could take several minutes;
13. The update is complete when the Chart Plotter starts running;
14. Turn off Chart Plotter;
15. Extract the SD card from the Chart Plotter;
16. Turn on the Chart Plotter while pressing and holding any other key: this way you will open the "system test mode".
17. Perform the **Clear Ram** procedure (it will delete all user points, tracks, and routes in the chart plotter);
18. Turn the Chart Plotter off and then on again;
19. Now the Chart Plotter is completely updated;
20. You can now restore your data back-up.



3.3 Update Procedure for devices with Micro SD Card



WHAT DO YOU NEED:

1. **PC with SD card reader (built-in or external reader)**
2. **Micro SD - SD card adapter**
3. **Empty Micro SD card**

IMPORTANT NOTE: The micro SD card will be used only to transfer the software file from your PC to your Chart plotter.

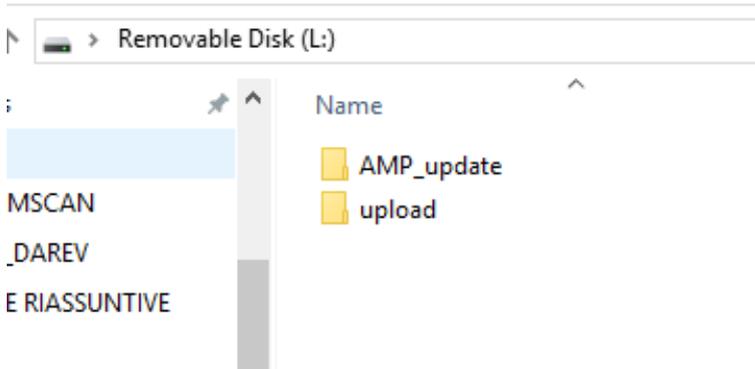
IMPORTANT NOTE: Chart Plotter with WiFi connectivity will update automatically when a WiFi network is available. Follow this procedure only if you need to update the software and no WiFi network is available.

Devices with MICRO SD Card:

EXPLORER 23, SWx 900w, SWx 900cw, Swx 1200w, SWx 1200cw, FT70.

UPDATE PROCEDURE:

1. In the Software Archive Page find the latest software version available for your device
https://seiwa-marine.com/marine/en/support/archive_software
2. Download the zip file.
3. Unzip the file.
4. The new unzipped folder contains two folders:
 1. **“upload”** to be used to upload the operative system (OS)
 2. **“AMP_Update”** to be used to update the software



5. Read the Micro SD Card and copy both folders into it.
6. Safely remove the Micro SD card from the reader / PC
7. Turn the chart plotter OFF (push the ON/OFF button for at least 3 seconds) and insert the Micro SD card into the Chart Plotter Micro SD card slot;
8. Turn the chart plotter ON and then the update procedure will start automatically;
ATTENTION: Do not remove the MicroSD Card or turn off the chart plotter until the update process is complete.
9. At the end of the update process the message "Update completed successfully CONTINUE to restart the system" will appear, Press **Continue** to restart the plotter.

