

TB-137848 / August 12, 2020

R5000 Radar software patch release V1.0.1-61.2.19

Product:	000-13216-001
Product Description:	Simrad R5000 Processor
Software Version:	1.0.1-61.2.19
Effective Date:	July 2020
Inspect/Update Current Inventory:	YES

We are pleased to announce a new software release for our R5000 Radar Processor.

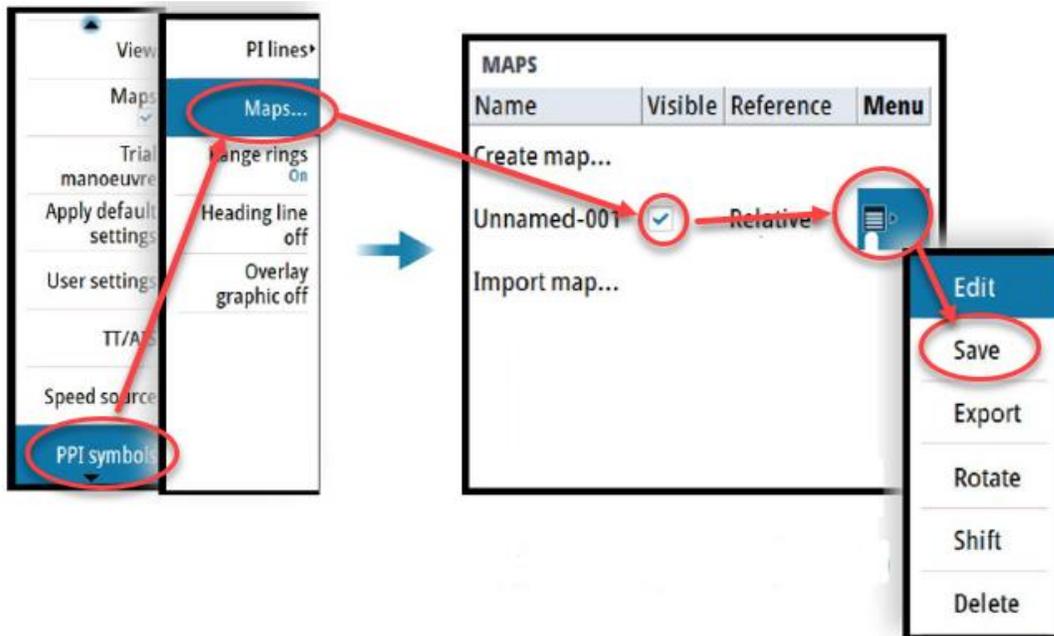
This release includes the following functionality:

1. Allows the user to retain the user maps configuration after a power cycle.
2. Accept the use of NMEA VTG sentence with a null field for magnetic heading, when using older GPS.
3. Accept the use of NMEA VHW sentence with a null field for heading.
4. Accept the use of NMEA VBW message with only 6 data fields.

User Maps

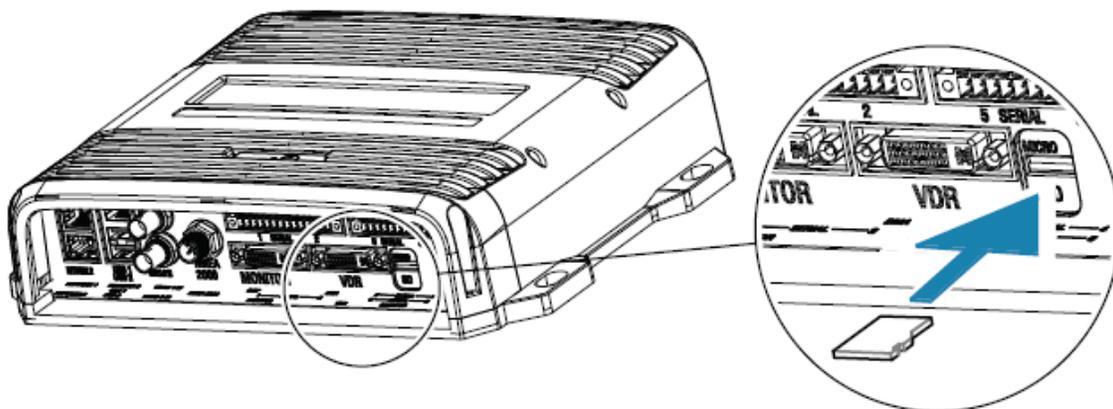
User maps are geographical navigation tools that are drawn on the radar image to provide a definition of a channel, or restricted or dangerous area. Once drawn, they can be saved in the radar memory for selection at another time.

The maps dialogue is selected from the PPI symbols menu. Here you can select and deselect the maps. It is important to select “save” after the selecting or deselecting the maps, as shown.



R5000 Processor upgrade instructions

1. Download the software from the downloads page of the Navico Commercial web site <http://downloads.navico-commercial.com/>
2. Save the software to the root directory of a microSD card.
3. Power down the radar.
4. Install the microSD card in the card slot on the processor and power up the radar processor. The update will automatically be applied. Please refer to the image below for microSD location.



- Once the update progress bar has reached the end, you will be prompted to reboot the radar. Cycle power to complete the update

PC User Map Editor

In conjunction with this software release, we now have available a User Map Editor program, which allows users to create and modify user maps from a PC. The maps can then be imported into the radar via USB memory stick or SD card. This program is available free of charge, and can be downloaded from Navico System Builder <https://systembuilder.navico.com/>

- Open System Builder and log on with your dealer credentials. Click on the software button and in the search field, type PC. This should populate the product description field with R3000-R5000 User Map Editor PC tool.

The screenshot shows the Navico System Builder interface. The top navigation bar includes 'Home', 'Settings', 'History', 'Software' (highlighted with a red circle and arrow), 'Downloads', 'Tools', and 'Changes'. Below the navigation bar, there are tabs for 'SIMRAD', 'COMMERCIAL', and a search bar. The main content area is titled 'R3000 and R5000 Radar systems' and displays a list of products with their part numbers and descriptions. Two products are visible: 'SIMRAD R3016 12U/6X FOR CAT3' and 'SIMRAD R5024 12U/6X CAT 2 RADAR W/30CAB'. Each product entry includes a small image, a description, and stock information for different regions (AMER, EMEA, APAC, ROA).

The screenshot shows the 'Software Updates' section of the Navico System Builder interface. The top navigation bar includes 'Home', 'Settings', 'History', 'Software' (selected), 'Downloads', 'Tools', and 'Changes'. Below the navigation bar, there is a 'Filter' section with a search bar containing 'PC', a 'Brand' dropdown set to 'All', an 'After date' field, and a 'Page size' dropdown set to '10'. The main content area displays a table of software updates. The table has columns for 'Brand', 'Product description', 'Version', 'Release Date', 'Release Notes', 'Software Update', and 'Download Selected'. One entry is visible: 'Simrad R3000-R5000 User Map Editor PC tool' with a version of '20200601' and a release date of '15 Jul 2020'. There are 'View' and 'Download' buttons for this entry, and a 'Download Selected' button at the bottom right.

2. Download the software using the download button.
3. This will download a zipped file which contains PCToolUserMap and a Product Brief on the User Map Editor.
4. Save these files to a folder on your PC and use the PCToolUserMap file to open the program.

For more information:

Order Support: (800) 324-4737 x4702

Technical support: (918) 438-8668

You may also send any inquiries via email to the addresses listed below, according to your sales-group classification:

- orders@navico.com
- cmd.service@navico.com