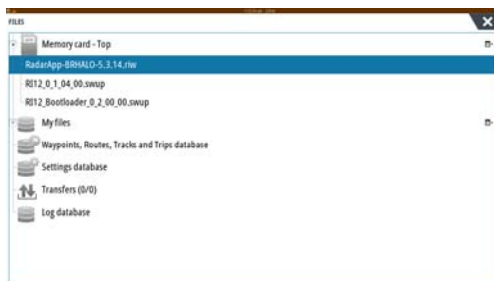# Technical Bulletin

SIMRAD

Halo radar software upgrade instructions for version 5.3.14

NOTE: Before installing this software make sure the RI-12 interface box has software version 0.1.04.00. This software and instructions can be downloaded from www.simrad-yachting.com
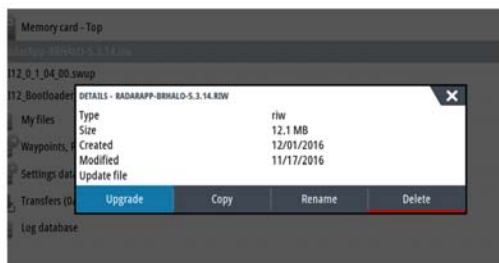
1. Press **HOME** or **PAGES.**

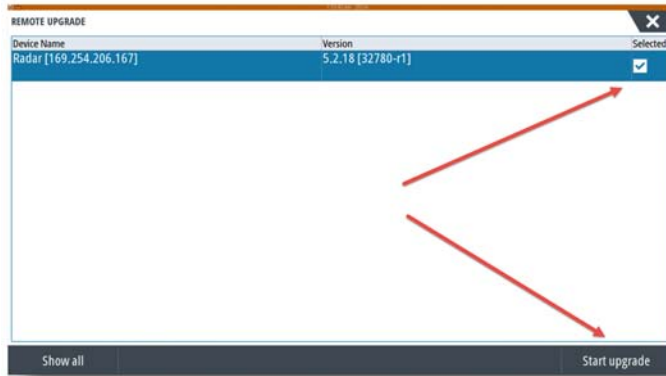2. Select **FILES** from the left-hand menu.

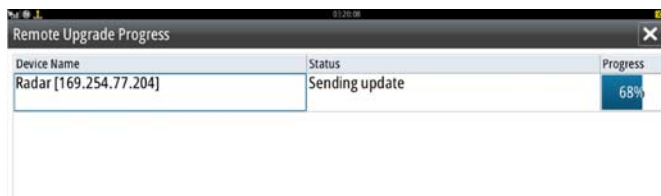3. **Select the file RadarApp-BRHALO-5.3.14.riw.**

4. Select **Upgrade**.

5. Select the Radar on the list of compatible devices, then select **Start Upgrade.**
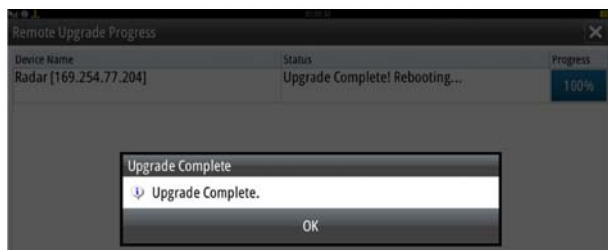

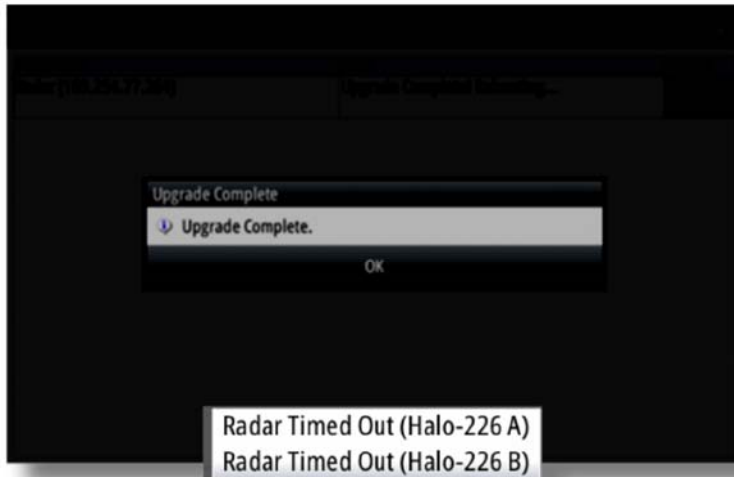**6.** A progress bar will appear. Sending the upgrade to the radar.

7. Upgrade installation in the radar.

8. The Radar will reboot with display "Upgrade Complete".

9. Two "Radar Timed Out" messages may appear. This is normal. Select **OK** to Upgrade Complete message.
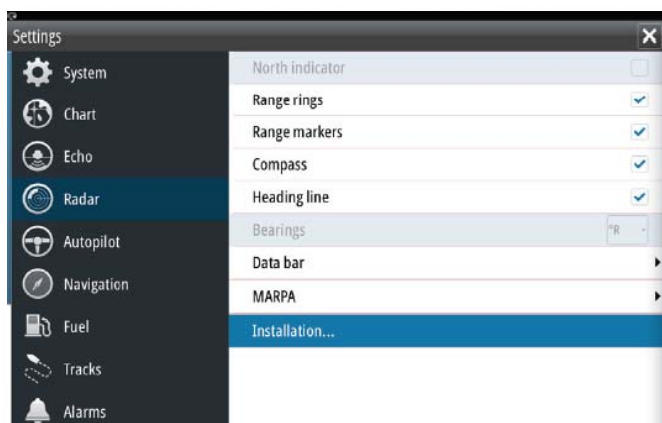

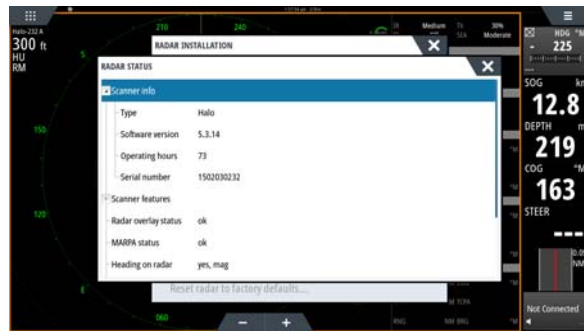10. Select **X** to exit the upgrade function.

After the upgrade

After applying the software upgrade, we recommend checking the radar installation settings and restoring the radar to factory defaults. These settings are found on the radar Installation page of the MFD. The Radar will need to be in transmit mode to access the settings.
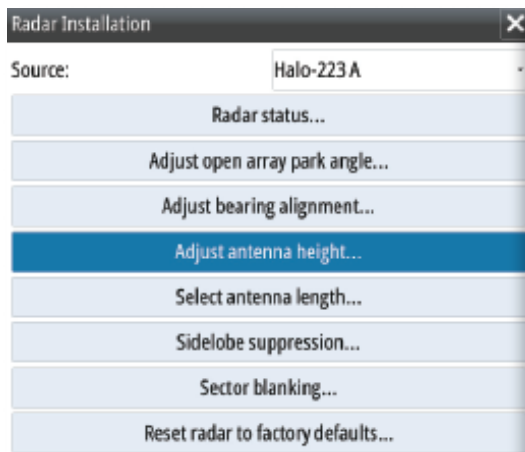
On the radar page select **MENU** > **TRANSMIT.**
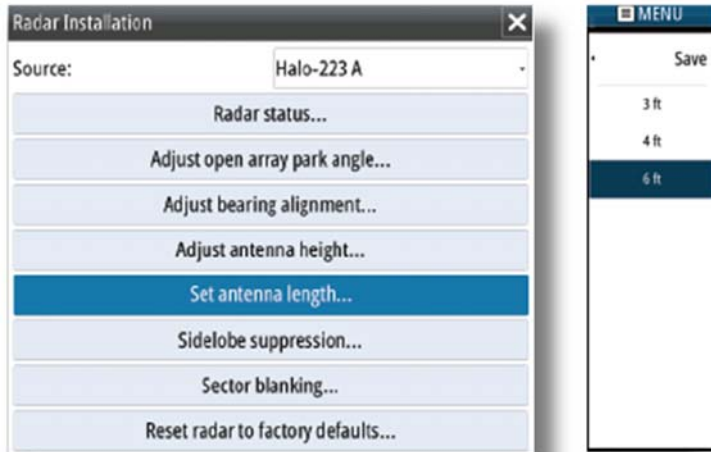Select **HOME** or **PAGES** > **SETTINGS** > **RADAR** > **INSTALLATION**.

Check Software version: Under **Radar Status** > **Scanner Info** > **Software version**. The software version after the upgrade should be 5.3.14
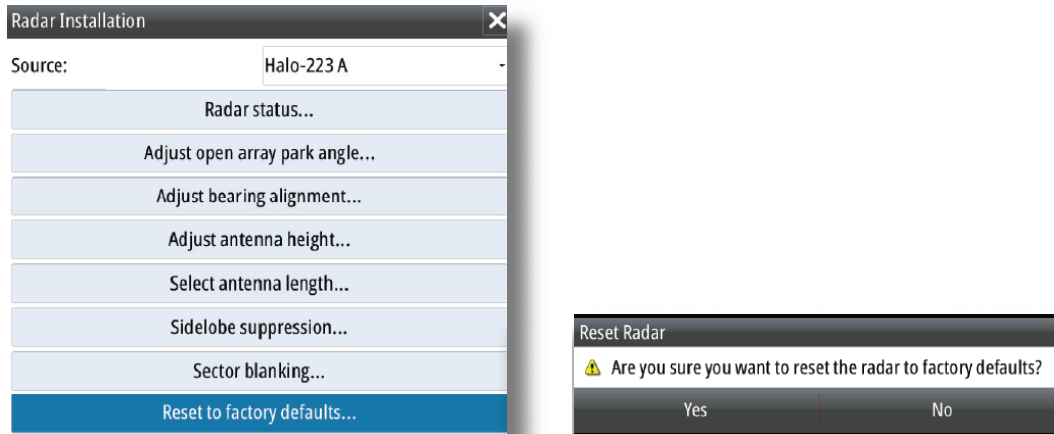

Check antenna height: Antenna height setting should be re-checked and confirmed as this is critical for STC/Sea Clutter optimisation.

Check Antenna Length: Antenna size should also be re-checked to specify if a 3, 4 or 6 ft antenna is installed.

Reset radar to factory defaults: Resetting the radar to factory defaults is strongly recommended after the upgrade. This will not affect the installation settings such as antenna height and width. It will reset settings such as Gain and Sea Clutter.

Power Cycle: At this stage we recommend power cycling the system before using the radar.