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## Updating the FLASH FIRMWARE on Ten-Tec Orion

Refer to "74474 Orion565n566 User Manual Addendum V3 Firmware.pdf" for more details on Version 3 firmware, and the RAM Clear and Master Reset sequences.

- 1) Turn Transceiver OFF.
- 2) Connect a PC to the transceiver using the appropriate cable.
- 3) Turn the Transceiver ON while holding down the USER2 button.  
Wait for display to indicate "Flash Update Mode"
- 4) Start the Update program
  - Windows "START"
  - "All Programs"
  - "Ten-Tec"
  - "OrionII Firmware Update"
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- 5) Choose SETUP under the SETTINGS menu to then select the COM port to which the Transceiver is attached. And select OK.
- 6) Choose UPDATE under the PROCESS menu.
- 7) Select the RUF file under the Process Menu.
- 8) The program will update the radio and report any errors encountered.  
During the update process the Orion screen will indicate the current line being processed.
- 9) A RAM Clear and Master Reset MUST be performed when transitioning between V1/V2/V3 firmware.