Trimbale R7 and 5700 Firmware issue for receivers with FW less than 2.3

Update 16 Apr 2016: Email addresses for requesting codes:

UNAVCO Community members: marc_dahlberg@trimble.com
non UNAVCO Community members: Sales_TrimbleProtected@Trimble.com

Please note that it is most likely that you will need a warranty code password to update your receiver. The receivers expiration warranty date can be found using WinFlash. If is older than 1/2004 you need to send your list of serial numbers to Trimble and request the codes.

Trimble message:

On February 14, 2016, certain older versions of Trimble firmware will experience what is akin to a GPS week rollover. Trimble 4700 and 4800 GPS receivers will experience this, receiver data outputs will have the wrong time reference. This will negatively impact subsequent systems that are communicating with that receiver. More recent Trimble GPS/GNSS receivers types, including Trimble 5700, NetR5, NetR3, NetR5, NetR8, and NetR9 with current firmware are not impact.

Further testing has shown that the 4000SE/SSE/SSi will also handle the rollover without issue. For the single 5700 receiver listed, this can be updated to firmware v2.30 or higher and will be fine. All NetR5 receivers reported showed firmware versions that are not impacted by the upcoming rollover on February 14, 2016.

IMPORTANT: For users who have bad data that was collected after 14FEB16.

You can correct for the week offset in the data by using TEQC to create your RINEX data. By using the "-week" flag in TEQC, you can force the correct week to be used when creating RINEX files.

e.g teqc -week #### FILENAME.dat > FILENAME.obs  (where #### is the GPS week number that that the data was collected on).

For example, here is a RINEX file created using just the raw data file and no TEQC flags:

Here is the same data but this time the '−week 1885' flag was used:

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