## Trimble NetRS - How to reset the receiver and reload the kernel

30 Freddy Blume January 12, 2009 Application Notes 21990

## Trimble NetRS - How to reset the receiver and reload the kernel

This article explains how to reset the Trimble NetRS receiver and reload the kernel.

There are two way to do this:

- 1. Power on the receiver and hold the power button for 30+ seconds until the "external frequency" light comes on then goes off. Release the power button and the receiver will reboot (all lights flashing) as the kernel gets reloaded.
- (preferred method) Boot up receiver and watch boot sequence via a serial cable plugged into port 1 on the receiver (front port) using a terminal program set to 115200 baud, 8N1. (For more details, see UNAVCO's <u>Basic Use of the Trimble NetRS</u>.)

When the boot sequence reads:

>>autoboot in 3 seconds, Hit space twice to stop autoboot

press the space key twice to get a command prompt.

At the prompt, enter:

clearnv

boot\_status 0 254

reset

## NOTES:

1. In either case, the receiver will be set to DHCP. Therefore, you will need either a computer with a serial cable attached to the front port of the NetRS in order to change the IP settings, or to have the receiver attached to a DHCP server. (See UNAVCO's <u>How to connect to the NetRS receiver</u> <u>using DHCP</u>.)

- 2. No GPS data will be lost.
- 3. All settings will be reset to factory defaults. Any saved sessions will be erased.

Online URL:

https://kb.unavco.org/article/trimble-netrs-how-to-reset-the-receiver-and-reload-the-kernel-30.html