

UNAVCO POLAR GPS SYSTEM TEST PROCEDURE

APPENDIX 3: TRIMBLE NETR9 OPERATIONS

Appendix Version: **1.1**
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PERFORMING A HARD RESET ON THE NETR9

A hard reset will clear the almanac, reformat the data logging filesystem, and reset the receiver to factory defaults. All datafiles will be deleted.

NOTE: If this receiver was used at a permanent station, check the UNAVCO data archive to verify all datafiles have been downloaded and archived. If the receiver was used in a campaign, verify with the campaign's project engineer that the necessary data has been downloaded and backed up.

If there is any question about data on the receiver, give the receiver to the Polar Technician and ask that the data be downloaded and stored for safekeeping.

- 1) With the NetR9 powered on, press and hold the power button. After 5 seconds a message will appear saying "Clearing EPH/ALM in 10 seconds".
- 2) Keep holding the power button until this timer elapses. At this point, another message will appear saying "Formatting FS in 15 seconds". Release the power button. The receiver will now say "Clearing EPH/ALM", and reboot once finished.
- 3) Press and hold the power button again. Keep holding the power button until the "Formatting FS in 15 seconds" timer has elapsed. At this point, release the power button. The receiver will now say "Formatting FS", and reboot when finished.
- 4) When the receiver restarts, it will be set to the factory default of DHCP. To program a static IP, press Enter - Down Arrow - Enter. Then press Right Arrow - Down Arrow - Enter to disable DHCP. To program the static IP, press Right Arrow. Now use the Up / Down / Right / Left Arrows to enter the desired IP. Once finished, press Enter twice and do the same for the Subnet Mask. Repeat for the Gateway. Reboot the receiver to complete the IP configuration process.

FORMATTING USB DRIVE FOR A NETR9

The USB drive should be FAT32 formatted, and empty of all files.

To do this in a Windows XP machine, place the USB drive into any available slot. It should appear as a new "Removable Disk" drive in the Windows Explorer window.

Right click on this drive and select Format. Choose FAT32 File System, Default Allocation Size. Make sure Quick Format is not checked. Click Start to format the drive.