Site Service Guide
BBAD Experiment
2004.092

1. **Arrive at site.** Gain access to the equipment. Note any physical problems that may exist with the site, for example, loose wires, chewed wiring, missing/moved solar panels or GPS units, water leaks, equipment that has been dug up, etc.

2. **Check the general condition of the recording system.**
   - Connect the EHT-30 to the DAS.
   - Start the Field Setup Terminal program.
   - Select **Utilities|DAS Status** from the menus.
     - If this display fills in with information it indicates that the DAS is functioning, and that the DAS and EHT-30 are talking. Record the display information in section 2 of the Site Servicing Data Sheet.
   - Select **Utilities|XCLK Status** from the menus.
     - Check that the last lock time of the GPS is recent. Record the display information in section 3 of the Site Servicing Data Sheet.
   - Select **Utilities|SCSI Status** from the menus.
     - The disk should spin up and the amount of disk space used, available, and total should be displayed. Record the display information in section 4 of the Site Servicing Data Sheet.

3. **Stop acquisition.**
   - Select **Communication|Stop Acquisitions** from the menus.
     - Answer **YES** to the acknowledgement. The disk should spin up as the data in RAM is written to the disk.

4. **Replace the current disk.**
   - Disconnect the power and SCSI cables from the old disk and connect up the new one.

5. **Format the new disk.**
   - Select **Utilities|Next Menu|Format SCSI** from the menus.
     - Select the **DISK** button option.
     - When formatting is finished select **Utilities|SCSI Status** from the menus.
       - Record the display information in section 5 of the Site Servicing Data Sheet.

6. **Clear RAM.**
   - Select **Utilities|Next Menu|Clear RAM** from the menus.
     - This will clear the EVNTS counter.

7. **Monitor check the sensors.**
   - Select the **Monitor** function on the Main Menu to "stomp test" all of the channels.

8. **Check the GPS.**
   - Select **Utilities|XCLK Status** from the menus.
     - Check that the last lock time of the GPS is recent, especially if any maintenance was performed on the GPS clock during servicing.
9. **Start acquisition.**
   Select **Communication|Start Acquisitions** from the menus.
   A DAS Status display should show up after the start acquisition command is sent. Record the display information in section 6 of the Site Servicing Data Sheet. Leave the DAS Status display, and disconnect the EHT-30 from the DAS.

10. **Secure the site.**

(END)