ehs motes rewired

Rudy had noted that Vmotes at ehs were dropping out. It appears that this is an issue with RF transmission (even from one leg of the darkhorse to the other!). I decided to bypass the whole radio stuff by wiring each of the motes as a serial mote. This involved:

- cabling from each DSM port to the mote console port
- applying the pp=0 command to each mote (after first hitting the white scan button twice to enable the hardwired console)
- changing the config to look at 3 serial ports

All this was done from about 1130 to 1200 today. Now all is well except "ds" only reports data from tty9 (and not tty6&8). This must be caused by my setting all the mode IDs to 0x8000, so data_stats is displaying just the last tty with this ID. The data seem to be okay.

Other stuff:

- took photos
- used my GPS to "shoot" boom angles. Got 146degN into the CSAT, 234degN into the 2D.
- GPS station location: 40d 02.940'N, 105d 01.052'W.