



MCS Miscellany

- CLC
 - Moving CLC down to 1st floor great success
 - Have had no (zero, none) problems with CLC
 - Speed greatly increased (10X?)
 - Lesson: keep CAENet daisy chain as short as possible (or shielded?), and terminate both ends with 50 Ω —can we apply this to plug? Others?
- PISABOX
 - Get back to xenon flash work
 - Special project file for xenon version of HVMON_CONSOLE
- Gamma HV supplies
 - Replaced east CEM Gammas per Larry Nodulman's request with spares
 - NE supply failed immediately—actual voltages drifted by 10 V or more; original supply returned
 - SE supply has large drift on monitoring only—limits have been widened to ± 10 V instead of ± 5 V



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■ Problems

- TOF and sometimes (?) CDF56183 (muon scintillator) computers failing regularly at about 0020 every night
 - Not virus scans or backups on these computers
 - However, backup on CDFS2 where TOF and trigger inhibit APACS logic is controlled?
 - Still investigating
- Need spare CAEN A1303s and National Instrument PCI-6503s

■ Radical suggestion

- Plug, CLC, and TOF all do same thing—control HVs in one or more CAEN 527 mainframes
- Why not have one program (OK, one HV server and one HV client) with special #ifdef's and “Build→Set Active Configuraton” for differentiation in C++?
- Then we can have three experts on one system instead of one expert on three systems!