Kabir, Chris H, Seppo, David, Paul, me.

* DAQ

- 2MD between Analog & chussis ground on old system 6 units x 2 ACQ435ELF-24 modules.
- VHDCI-68 connector

* email: about isolation to Peter

- David will measure new system
- CRC-32 checksum? right now: CRC-8
- most important firm war mod: n-samples.

* Firmware mods:

- RGM with n (programmable) samples.
 Trigger resync ~ 30 ns jitter
 Sum & decimate filter run at 52 or 128 kHz.
 Check sum: modulo sum raw + CRC filtered data.
- disabbe channels.

* Kabir - Asymmetry system

- optoisolators for signal & ethernet.
 radiating RFSR Chris contribution.
- 18 pF cap across input: 10x noise increase

 · 2 pF OK. rato output impedance/feedback resistance

 · want to minimize capacitance < 2 pF?
- · no ground planes & thin traces wc. R ~ 1
- "60HZ. - mockup W.C. with current source
- preamp enclosures at UT shop? not yet.
 - · Seppo working w/ cooling in enclosure./preamps.