

Joint Controls Group and Main Linac Group Telecon 4/20/06

Topics for discussion...

1. Review the latest revision of the RF system diagram. Make sure we have all the right elements and agree the list signals and controls for the baseline costing.
2. Multi-conductor cables and connectors for piezo and motor drives.
3. Allocation of penetrations and relay rack layout. LLRF performance is heavily driven by group delay (need to minimize).
4. Relay rack power management, cooling
5. Review list of other devices requiring controls interfaces: klystron, modulator, vacuum, cryo, MPS, beam dumps, collimators, etc
6. Data collection rates from LLRF systems