DRAO Upstairs Meeting Room IP Address: 192.139.21.207
Participant Teleconferencing Connection Details:
- Anywhere in North America: 1 866 261-6767 Passcode: 150167#
- Anywhere in the UK: 00-800-42783782 Passcode: 150167#

Hardware Update

1. Production – CPU Module
   A. Hiring process for possible temporary technologist in place if it is decided to proceed with this option
   B. Still waiting on a quote from BreconRidge for soldering modules
2. Production – Baseline Board Testing
   A. Ralph had 4 boards go through burn-in, now in functional testing
      a. Have encountered some problems which may be associated with Bruce's software
      b. Bruce is investigating
   B. Another bug: Went into LTA to turn off correlator power and came back with xml error
      a. Rebooted CPU and resolved issue
      b. Bruce says it's a result of using amy01

Round-table Updates

1. Sonja
   A. Changing communication to boards
   B. Need test time on correlator now, ~0.5-1h
      a. Ken: Will this affect the current running configuration mapper?
         i. Sonja: No. Will run this from her own computer
   C. Ken: Any progress on the memory leak?
      a. Sonja: No. Haven't looked at it yet
2. Brent
   A. LTA fullness count bug looks like it is on Bruce's end
   B. Still seems to be another bug
   C. Tested of 10GigE implementation of GigE chip; will be ready for next release
3. Dave DR
   A. Upgraded GUI to interface with CRM
   B. Ran full connectivity test last week, found a few bugs
   C. Problem with BlB showing symptoms of some sort of issue
   D. Ken wants Dave to do another test after this meeting
4. Bruce
   A. Found a glitch in the noise diode phasing
   B. Added invalidating data to configuration
      a. Now baseband based; eventually will move to subband based
5. Martin
   A. Cleaning up configuration handling issues and process state tracking issues
6. Adam
   A. Ran test of phased array output
      a. 128MHz subband works
      b. Doesn't work for narrower subband
   B. Wants to rerun test this week to make sure the test was performed properly
7. Bryan
   A. Multi-configuration in given schedule block works now
   B. Still struggling with wide bandwidth observations

C. Still struggling with 20Hz switch over
    a. Struggling with fixing modules in EVLA system
8. Kevin
    A. Working on power plant interface
    B. Over-temperature shutdown: sent email asking if we want to do it and at what temperature it should happen
        a. Brent: Shuts down by itself. Board will automatically turn back on once it has cooled down. Think it's set at 65°C
        b. All of this can be done now, just need to decide on numbers
9. System Testing
    A. Done a fair amount of observing: 200GB of science data observing
        a. Bottleneck is not at monitor and control, it is in archiving
    B. For WIDAR acceptance plan: Rick has taken over the writing of the document
        a. Rick, Michael, and Bryan are working on a first draft this week