

# 2010-08-18 Wednesday Morning Notes

Wednesday, August 18, 2010  
7:38 AM

- Work Done
  - ARF1
    - Waveform looked bad
    - Phasing cable changed
    - LLRF Amplitude module had an intermittent solder joint on a +5V signal.
  - A:LQ
    - The main circuit breaker in A:LQ power supply, was checked out today for any signs of overheating. The output terminals for phase A and B, were very warm, but phase C was very hot. The over current trip device was removed and replaced with a new unit, because of excessive heat damage on its phase C terminal. The terminals on the CB and the output lugs were cleaned. The aluminum bolts were replaced with new stainless steel bolts, and tightened to specs. We will occasionally check on the condition of the CB over the next few days, for any signs of overheating. This completes worklist job #12202.
    - Main Circuit breaker was worked on due to overheating leads.
    - Overcurrent trip device was replaced due to excessive heat damage on the phase C terminal.
    - Cleaned up
  - The stacking VSA was fixed. There was a problem with the VSA not connecting to the RF section.
- Broken
  - Accumulator Core 4-8GHz
    - Problems this morning with Accumulator cooling. I noticed 1/2 of the A4 amplifiers (A:CH1A4, A:CH2A4, and A:CV1A4) were on the alarms screen and show current monitor faults. I also found I can only turn on the stacktail and core 2-4DP PIN switches, but not the 4-8DP or any transverse system. Wes is looking into this. - [DVM](#)  
-- Tue Aug 17 10:47:39 comment by...DVM -- The PIN switch problem was just the gating. Dave P figured that out for us and after putting \$8F events in the gate on timers, everything is happy.  
The problem with the three amplifiers having current monitor faults appears to be real. We'll need to access to repair this, but since our first chance for beam is Thursday evening, we'll wait to see if any other problems come up before going in.
- Requests
  - FESS will want to get into PreTarget/PreVault to complete their sump work.
  - Access to work on Accumulator core transverse cooling amplifiers that have current monitor faults.