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- Last Week
 - Prior to Debuncher
 - I:V714 – still tripping
 - IB7 still leaking!
 - Testing 10mm-7 has begun - on day 4. this is spare #2.
 - Debuncher
 - DRF1 (remote) tune-up
 - D/A
 - D:EKIK timing drifts?
 - Found a math error.
 - Accumulator
 - A:IB
 - 12 pulse power supply - 720 Hz
 - Can hear the 720 Hz....
 - EESupport - firing circuitry.
 - Could see that one of the 12 pulses was firing at not desired times
 - Thought it was #5.
 - EESupport chagned out firing circuit.
 - Changed out SCR #5.
 - Also changed snubber circuit.
 - There was two logic boards.....it was SCR#12, not #5
 - Replaced firing circuit and SCR for #12.
 - A:IKIK and vacuum
 - Slowly getting better.
 - Core Hor Band 1 TWT
 - Fixed.
 - The gain is short on this system.
 - Also, vertical band 3 is short of gain.
 - Core Transverse System
 - Jim made some measurements

- Ready for equalizer?
 - 4-8GHz Laser Transmitter and now Receiver
 - Receiver cant send back because it was activated.
 - Moving the tank a few feet wont be an issue. The question is if we can put another tank in.
 - Core Momentum Powers
 - Modified the existing stacktail monitor to run the stacktail and core momentum harder.
 - New stacktail monitor will run them even harder.
- Transfers
 - I:HVF12
 - Had a couple problems - one we can pin on HVF12.
 - 8 GeV orbit drifts a lot, cusps to HVF12.
 - Also, a lot of random scatter in fudge factors.
 - EESupport had turned off voltage feedback because killing filters in the beamlines.
 - So yesterday, turned feedback on for HVF12. Orbits stable overnight.
 - Emittance/Efficiency/Amount
 - Emittance is lower, but not due to TWTs. Emittances started coming down before we started putting the TWTs in.
 - Take out just a little more when we push powers.
- General
 - Ability to use Network Analyzer program
 - Have to set the switches manually from P35
 - It now takes 30 seconds to throw a switch?
- Upcoming
 - Replace IB7 (when it fails)
 - Stacktail equalizer tweak
 - Upstairs no beam for 4hrs
 - Braze D:6Q11 water leak
 - Next opportunity with Tech Division
 - A4S12 is also leaking
 - Valeri Proposals
 - Re-introduce equalizers to core transverse systems
 - Hybrid flips for 4-8GHz Core system - **done**.
 - Fix the service elevators
- :Long Shutdowns
 - Replace IB7 (if it hasn't been done already)
 - Re-install AP2 momentum collimator
 - Need to request jaw modifications
 - Move 4-8GHz kicker tank towards AP50 Pit
 - **Add second 4-8GHz kicker tank**
 - Bake 2 sectors
 - New water manifolds for HV100 magnets
 - Not doing HV102 and V105 manifolds for now
 - Test IKIK module in tunnel
 - How?? - **will not do this**
 - Various maintenance tasks
 - Target Station
 - New target SEM