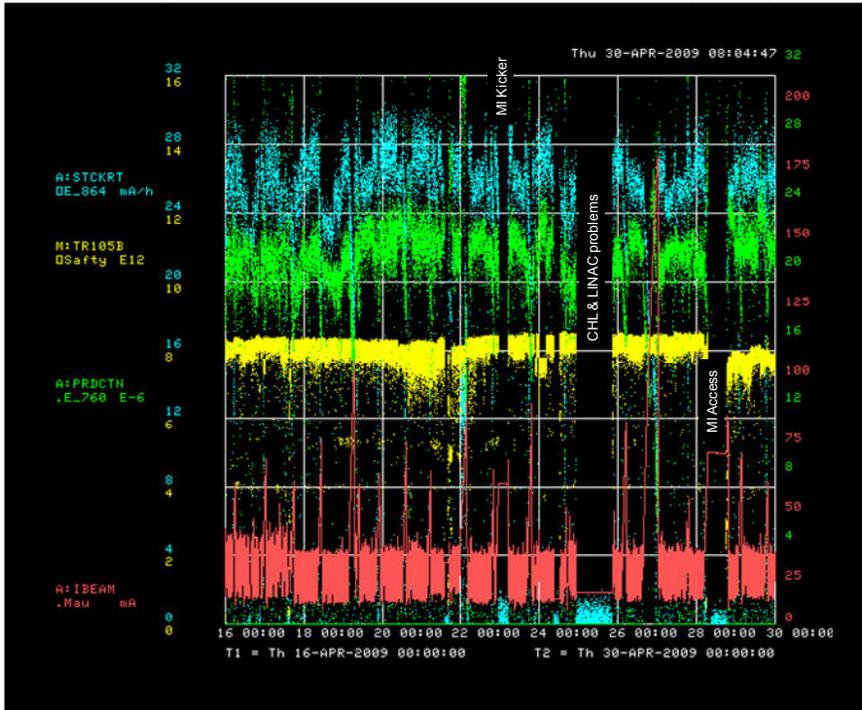


- Had 333 transfers week of Apr13-Apr20. Normally around 220 or so.
- Word from Safety
 - Two person rule
 - CDF had a roll around dolly that wheel fell off, dumping load. Be careful.
- Computers
 - Testing for vulnerabilities electronically and physically.



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- Last Week
 - Prior to Debuncher
 - I:V714 – still tripping(?)
 - Target Rotation readback
 - Took out the blocks.
 - Had a few hours
 - Listen to motor, sounded growly
 - But shaft was turning smoothly.
 - Still looked like resolver,
 - But since motor making sound, replaced both
 - Will try a new gear box on motor.....if gears plastic, could be suffering radiation damage.
 - Lens consumption
 - 2" per week.
 - A little less since the latest lens.
 - Not sure if has anything to do with running at lower voltage?
 - 4.34" in 3 weeks (old rate would have been 6")
 - LCW
 - Steady.
 - Debuncher
 - Debuncher TWT power/offset
 - Tripping off earlier than we need to.
 - DRF1 tune-up

- D/A
 - D:EKIK timing - params going well.
- A:IKIK
 - Vacuum quieting down.
 - Monday will kick up again.
 - Right now around 57KV.
- Accumulator
 - A:IKIK HV and vacuum
 - 2nd 2-4GHz Core TWT
 - Havnt done the careful comparison that ralph suggests of running tubes separately
 - Appears to help us
 - Transverse gain adjustment
 - Diode settings got changed.
 - Transverse Band 1's trunk delay
 - Off by a wavelength both hor and vert. Steve says it could be. Have to worry about overlap between bands. Might be that way on purpose?
 - 4-8GHz Kicker replacement update
 - The parts are done in machine shop
 - Beginning reassembly.
 - Dirty alcohol clean
 - Assemble the boxes.
 - Move the boards on their
 - Measure sets of boards resistance
 - Going well
 - Goal to have one set of arrays in tank for survey week after next.
 - Trip
 - Core betatron band 3 trip on chill plate fault....couldnt reset the tubes....at AP30 looks like delta kickers that share protection monitor. Then reset after a delay....show tripped status since second half of protection monitor has chill plate. TWT PMs for deltas taken for other use.
- Transfers
 - Target Stack size & Efficiency
 - Keep stack size smaller.
 - 35->25 - gained 1ma/hr
 - Take a little more time, not much....
 - 4% gain?
 - MI closed orbit and P1 orbit
 - TBT program had the ability to take beam switch, being blamed for taking all the beam switched. Taken out of the code.
 - Beam switch issues
 - Failures while running aggregate (ACNET +)
 - Energy & Phase adjustments
 - Puzzle, Friday had to change the phase by 15 degrees..
 - Normally 3-5 deg change is normal.
 - Sent email to a bunch of people.
 - aaa
- General
 - Testing of Switchtree program
 - Switch trees have been left in funny states.
 - Temperature effects
 - See sprint thaw temp effects.
 - ◆ 18th....dip, change debuncher cooling. Other change
 - ◆ Outside temp, drive stub room temp, change oven temperature....
 - Get long shutdown jobs into worklist
- Other Items
 - Long Shutdown Power Outages

June 2009 updated 4/24/09 Draft						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
1-	2	3	4	5	6	7
←			Hep	→		
8	9	10	11	12	13	14
←			Hep	→		
15 Shutdown starts	16	17 0800-1000 Power down D sector to reconnect feeder cable to normal configuration	18 0730-1730 Feeder 24 off pbar power outage	19	20 0730-1530 Fdr 49 Off D0 CDF C4 pump house SWesson Rd D0??	28 FDR-49 CDF-B0 & P71 power off?
22 0700-0730 Master sub off (master sub moved to Kautz rd sub for 4 weeks -11120 powered off	23 0800-1600 minos/miniboone/ education center (feeder 44 power outage	24 0800-1600 Feeder 38 CHL Power outage	25 A3-C3 AM B3-D3 Pm	26 A1-C1 Am B1-D1 pm	27 0600-0800 Booster feeder 41 off. 0800-noon West gal tunnel off 1300-1600 east gal tunnel off	
29 E1-A2 Am F1-B2 Pm	30 C2-E2 AM D2-F2 Pm					

July 2009 updated 4/24/09 draft						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1 E3-E4 Am F3-B3 Pm	2 C4-E4 am D4-F4 Pm	3 Lab Holiday	4 -	5
6 Buss duct Pm Master sub-?? CUB 55 low water off for VFD upgrades affects Linac	7	8 B0-C0 am Co north power D0-E0 Pm	9 MI12-MI20- sci 22 am MI30- MI31 Pm	10 Mi50-Mi52 am Mi 60 pm	11 A0 Fdr 45 conv Off all day	12
13 PP FDR 61@Mi30 CUB 55 low water off affects Linac for Chiller maintenance and VFD upgrades	14	15	16	17	18	19
20	21 PP FDR @Mi40	22 PPF-Fdr 63@Mi 50	23 PPF-Fdr 71@Mi 60	24 PPF-Fdr 72@Mi 10 Edison energizes L1120	25 0730-1530 feeder 42 Cub off no air conditioning for WH Foot print area	26 0730-1530 feeder 40\ Linac/xgallery affects linac computer room MCR room
27 0700-0730 master sub off to switch back to normal 0800-0900 Kautz rd sub off switch on to master sub 1000 L14419 off	28	29	30	31		

August 2009 updated 4/24/09 Draft						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1 -0730-1730 FDR 45 Tex. Conventional off 10 hrs	2
3 0800-1600 Feeder 46b ½ of the cryg off	4	5 0800-1600 feeder 46A ½ of the cry off	6 0800-1600 feeder 48 Tex. RF off (F0)	7	8	9
10 PP-FDR73 @Mi20	←	12 PP-FDR 23 (tex. Pulsed power	→	14 Mi40 AM Mi10 PM	15 0700-1700 feeder 44 Wilson Hall power outage	16
17	18	19	20	21 MiNu civil construction done Edison line L14419 re energized. Booster start up	22 Booster commissioning	23 Booster commissioning
24 0700-0730 Kautz substation off moved back to normal operation	←	26	27 Final alignment of Mi tunnel and Mi radiation shielding (bpm) need 2 Alignment crews	→	29 MI PS start up	30 MI Ps start up
		Booster commissioning				

- Shutdown Tours
 - Keith will talk to safety some more on this.
- Angels and Demons
 - Coming soon (Movie and Lecture)
 - Our own web page of facts? Antimater FAQ
- You Tube Man of Science
- Jobs
 - Replace IB7 (when it fails)
 - Convert Stacktail TWT#1 to second 2-4GHz Core cooling TWT
 - 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
 - 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
 - Target Station
 - New target SEM
 - Water cooled Target Prep Work
 - Fix the service elevators
 - FESS maintenance
 - Transport sump pump
 - Compressor in AP10 and AP0
 - Drive belts on unit for DRF1 racks
 - Tunnel exhaust fans