



Yearly production, so far (January to May 30, 2008)

Target and Lens status and plans:

- Target's second disk is chewed up
- Replaced Lens 32 with Lens 10mm-2
- Want to see if stacking comes back to where we were
 - Continue to use second disk of target
 - Set target to lens distance at maximum
 - Near same distance as Lens 32
 - Optimize gradient at this focal length
- After re-establishing stacking 24-25mA/hr will move to last target disk
- Every day or so increase gradient and decrease target to lens distance
 - Hopefully see increase in yield and stacking
 - Two or three steps until back to normal titanium lens gradient
- Additional information about AP1 rad trips (air activation)

Issues:

- Maintenance
- Access Day - Work List
 - BPMs - cables not well crimped. Outer shield is not captured in the crimp, so it just pulls out. Found 4 questionable BPMs in transport and 3 in the rings.
 - PS water leak
 - Lens changout went ok - vertical position was broken..can move down but not up....used jack screw to get back up.
 - Replace card -
 - Leak check - small leak on SEM.
 - 4-8GHz core momentum - low level trombone changed...will need to be phased..
 - Ice ball - chipped away the ice on the A60 pickup tanks.
 - FESS PM.
 - DCCT?
 - Limit switches on target Z.

- Cooling
 - Debuncher Momentum
 - Equalizer ready for installation; need characterization meas.
 - Double Optical Notch installed- initial foray
 - Next set of studies
 - Core Transverse Systems
 - Measurements made
 - Delta Kickers
 - Measurements made
- Transfers
 - Want to make operational - Stan gone next week.
- Lens
 - 10mm-2 installed
 - Recovery of 10mm-3: WIP
 - New: filled; installing in transformer; ready after testing by mid/ late April
 - Stripline study continues
 - Read to start practicing installing the stripline.
- Back Burner
 - Debuncher Tunes
 - Lens Gradient
 - Proton Spot Size
 - New target assembled, but cover has not arised, waiting for cover.
- Leave Calendar
 - Monthly: please fill out effort report on Friday
- On-Call coverage
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Pbar				
ID	Requestor	Title	Location	Type
7258	Gollwitzer, Keith	Inspection of Transport	Transport	Misc
		Inspection of Transport tunnel; search for water leaks and ground water etc.		
7851	Gollwitzer, Keith	Inspection of Pbar Rings	Rings enclosure	Misc
		Inspection of Pbar tunnel; search for water leaks and ground water etc.		
7912	Gollwitzer, Keith	Lens Changeout	AP0 Vault	Target Station
		Remove Lens 32 on module two from vault and place lens 10mm-2 (currently on module one) back into service		
7913	Gollwitzer, Keith	Repair A:QDF water leak	A:QDF Power Supply	Power Supply
		Recent service building tour found water dripping from A:QDF power supply		
6982	Gusler, Henry	air compressors	service buildings	Misc
		install two new read back transducers		
7869	Gusler, Henry	check ion pump D712	AP2 transport line	Vacuum
		check connector and cable on ion pump		
7891	Gusler, Henry	leak check beam line	D50	Vacuum
		leak check		
7761	Ibrahim, Aisha	Accumulator DCCT	AP10	Diag / Instr
		tune electronics chassis and if time-permitting, calibration		
7745	Leveling, Anthony	Limit switches for D:TGLNZ	Lower Vault	Target Station
		The range of motion for target z appears to be limited. Check and adjust target z motion limit switches.		

7834	Makara, Jerry	Investigate iceball buildup Accumulator tanks in A50-A60 region show larger than expected iceballs due to venting LN2; investigate and provide remediation (add fan and/or reposition existing fan) for such if possible; investigate using electrical heaters as well.	Accumulator A50-A60	Misc
7880	Seifrid, Peter	4-8 Ghz. Core Momentum Investigate the possibility of installing a new trombone on the pickup tank before the hybrid.	A20 Tunnel	Stochastic Cooling
7911	Sievert, Ken	replace card Replace sector valve card that controls BV728 in CIA crate. Crate will need to be powered down which means all valves controlled from it will close.	AP50	Vacuum
7923	Slazyk, Robert	Repair leak Repair leak in A10 stub room	A10 stub room	Water
7775	Sprosty, Susan	PM PBAR TUNNEL PM PANELS SUMP PUMPS AND TOTAL PM RELAMP AP10 TUNNEL THROUGH AP60 AND TUNNEL GOING TO APOTH	PBAR TUNNEL	FESS / Utilities