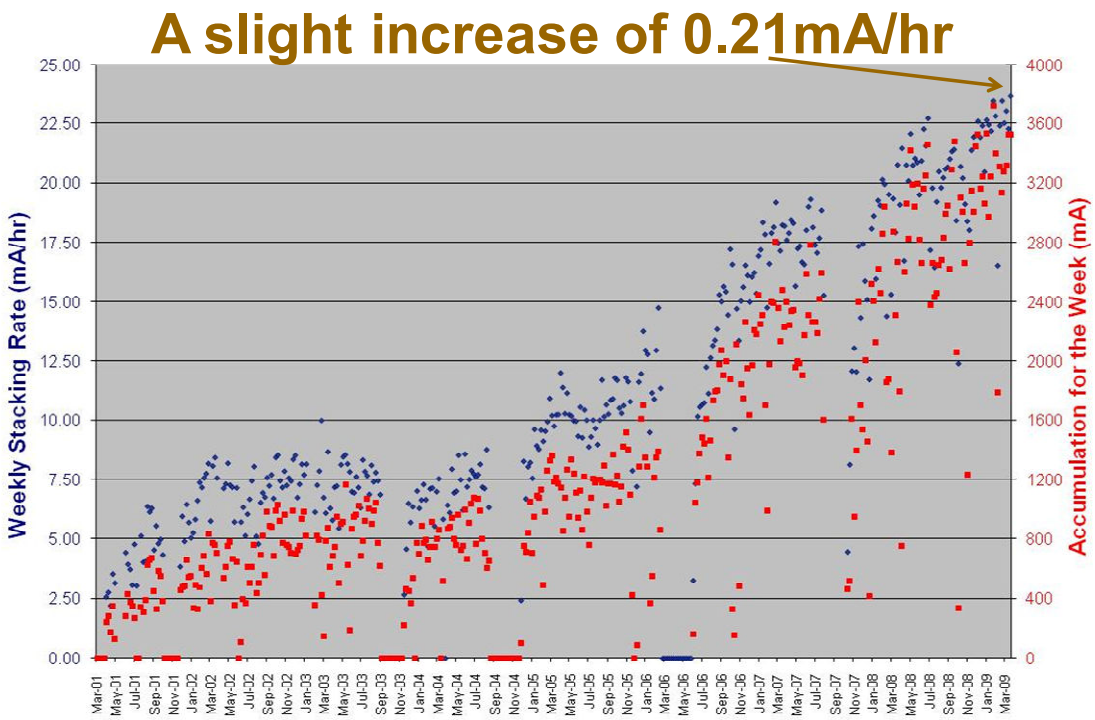
2009-04-02 Pbar Department Meeting

Thursday, April 02, 2009
9:59 AM

- 23.60mA/hr average stacking rate for a week



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- Documentation
  - Procedures
  - IQA -
  - Safety Documents
  - Project Engineering

- Department Predures
  - Where are the originals?
  - Dates of 1993 and 1994 for these LOTO procedures
  - Need to review/update every 5 years!
  - Mechanical Support has the target station
  - Question of controlled versus uncontrolled copies
  - Lab is going to be audited and graded

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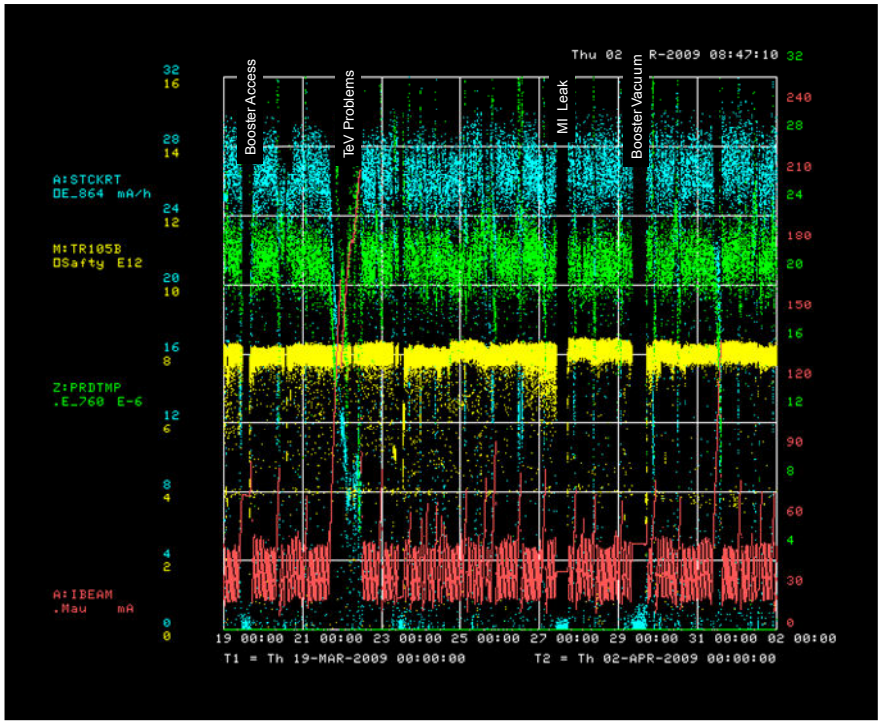
DEVICE NAME	ADDP NUMBER
A:EKIK	ADDP-AP-0003
A:IB	ADDP-AP-0004
A:IKIK	ADDP-AP-0005
A:ISEP1V	ADDP-AP-0006
A:ISEP2V	ADDP-AP-0007
A:LQ	ADDP-AP-0008
A:QDF	ADDP-AP-0009
A:QT	ADDP-AP-0010
A:SEX3	ADDP-AP-0011
A:SEX7	ADDP-AP-0012
A:SEX9	ADDP-AP-0013
A:SEX10	ADDP-AP-0014
A:SEX12	ADDP-AP-0015
D:BKIK	ADDP-AP-0016
D:BSEPV	ADDP-AP-0017
D:EKIK	ADDP-AP-0018
D:ESEPV	ADDP-AP-0019
D:IB	ADDP-AP-0020
D:IKIK	ADDP-AP-0021
D:ISEPV	ADDP-AP-0022
D:LNV	ADDP-AP-0023
D:PMAGV	ADDP-AP-0024
D:QD	ADDP-AP-0025
D:QF	ADDP-AP-0026
D:QSS	ADDP-AP-0027
D:QT205	ADDP-AP-0028
D:QT405	ADDP-AP-0029
D:QT606	ADDP-AP-0030
D:SEXDI	ADDP-AP-0031
D:SEXDV	ADDP-AP-0032
D:SEXFI	ADDP-AP-0033
D:SEXFV	ADDP-AP-0034
DRF1 Anode PS	ADDP-AP-0036
A:R1APSV	ADDP-AP-0037
Collection Lens Tes	ADDP-AP-0042

- 

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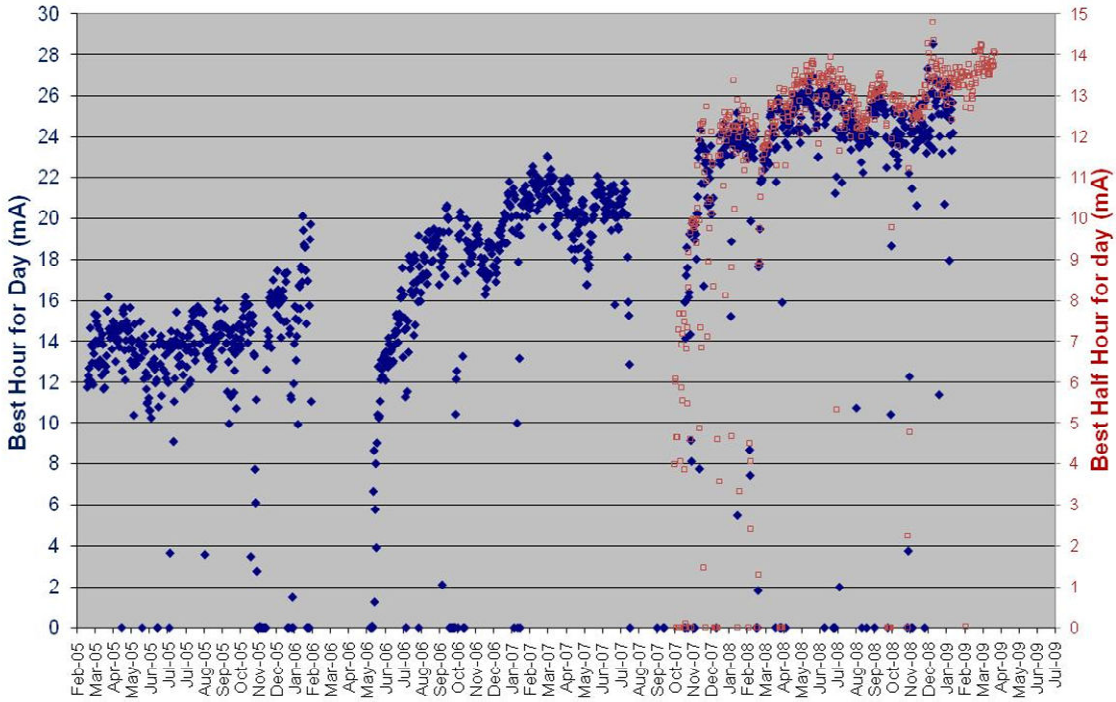
  - Last two weeks….
- Last Week
  - Prior to Debuncher
    - I:V714 – still tripping
    - Lens running at reduced gradient
  - Debuncher
    - Tunes aggregate
    - DRF1 (remote) tune-up
  - D/A
    - D:EKIK module timing and OAC parameters
  - Accumulator
    - A:IKIK and vacuum -

        - A:IKIK and vacuum -
            - now at 57KV.
            - Rate that we can increase is slowing. Increases are weeks or as much as a month apart.
        - Core Momentum Powers
    - Transfers
        - Efficiency staying about 95%
            - Ups and downs appear to be MI tunes wandering.
        - I:HVF12
            - Turned the voltage feedback on. Got rid of months of wandering.
            - Line locking had one 720Hz difference - trying to change timing on transfers.
        - ARF4 curve frequency
            - Used to use VSA to calculate core on each transfer
            - Just dead reckon it.
            - Doesn't work as well when doing a lot of transfers in a set. Built in a incremental frequency shift.
    - General
    - 

        - Changed to best half hour.
        - Back tracked to last shutdown, best half hour.
        - Shows we are no a good trend.
- Jobs long/short term
    - Replace IB7 (when it fails)
    - Convert Stacktail TWT#1 to second 2-4GHz Core cooling TWT
        - 1 hr of non-stacking when Pete and Wes available.
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    - Stacktail equalizer tweak
        - Upstairs no beam for 4hrs
        - Back down to 2 hrs. There are variable trombones, so it will not take as long.
    - Braze D:6Q11 water leak
        - Next opportunity with Tech Division
        - A4S12 is also leaking
    - Valeri Proposals -
        - Re-introduce equalizers to core transverse systems
        - On hold -- going to TWTs from amps fixed some of what the equalizers were doing.
    - Re-install AP2 momentum collimator
        - Need to request jaw modifications
        - Need to be re-assembled.
        - Need new o-rings, stock items.

        - Ready to be put back together.
    - Move 4-8GHz kicker tank towards AP50 Pit
        - Install two 4-8GHz kicker tanks for exisiting kicker tank
    - 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

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