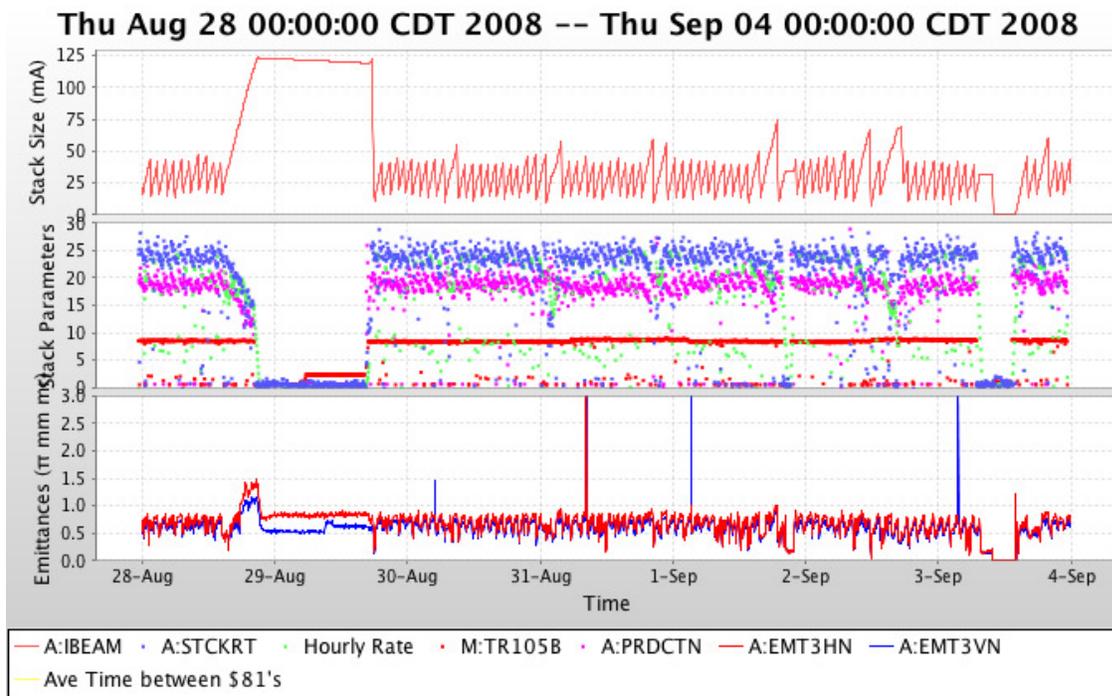


# 2008-09-04 Pbar Department Meeting

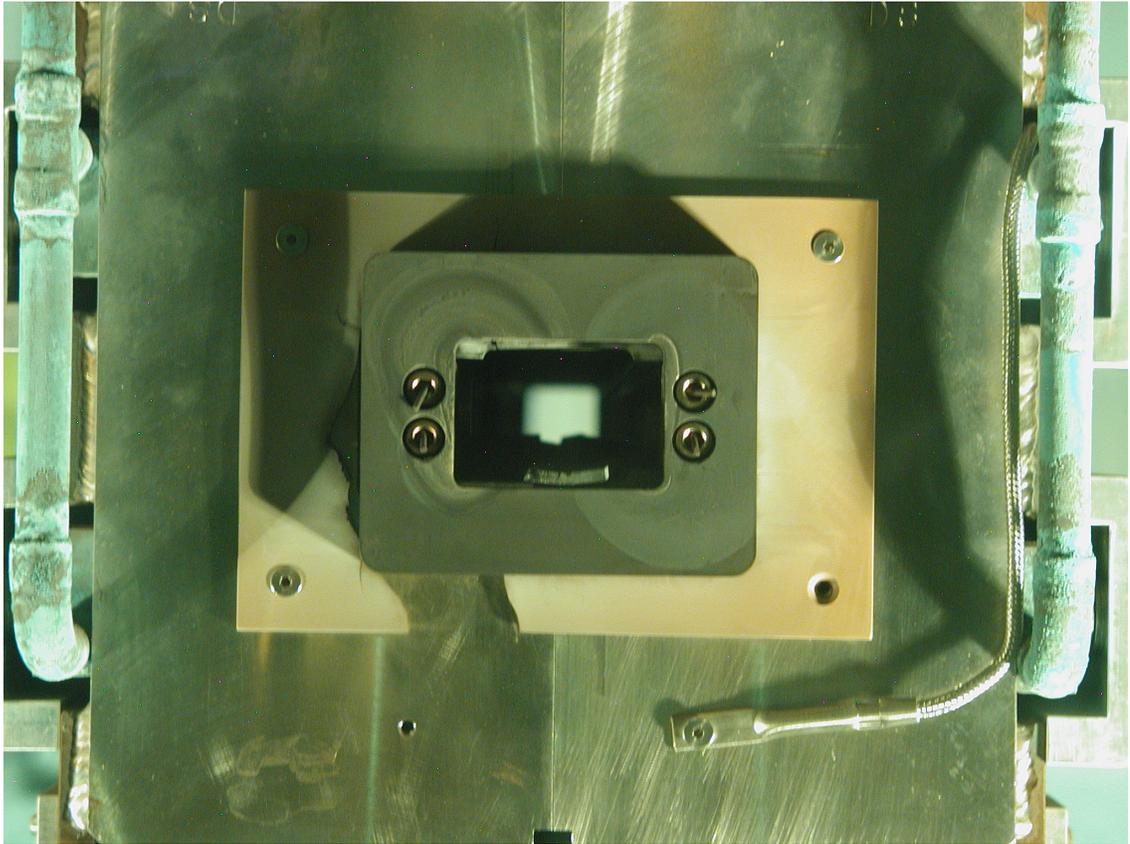
Thursday, September 04, 2008  
9:58 AM



Pasted from <<http://www-bdnew.fnal.gov/pbar/organizationalchart/derwent/stacking/weekly.png>>

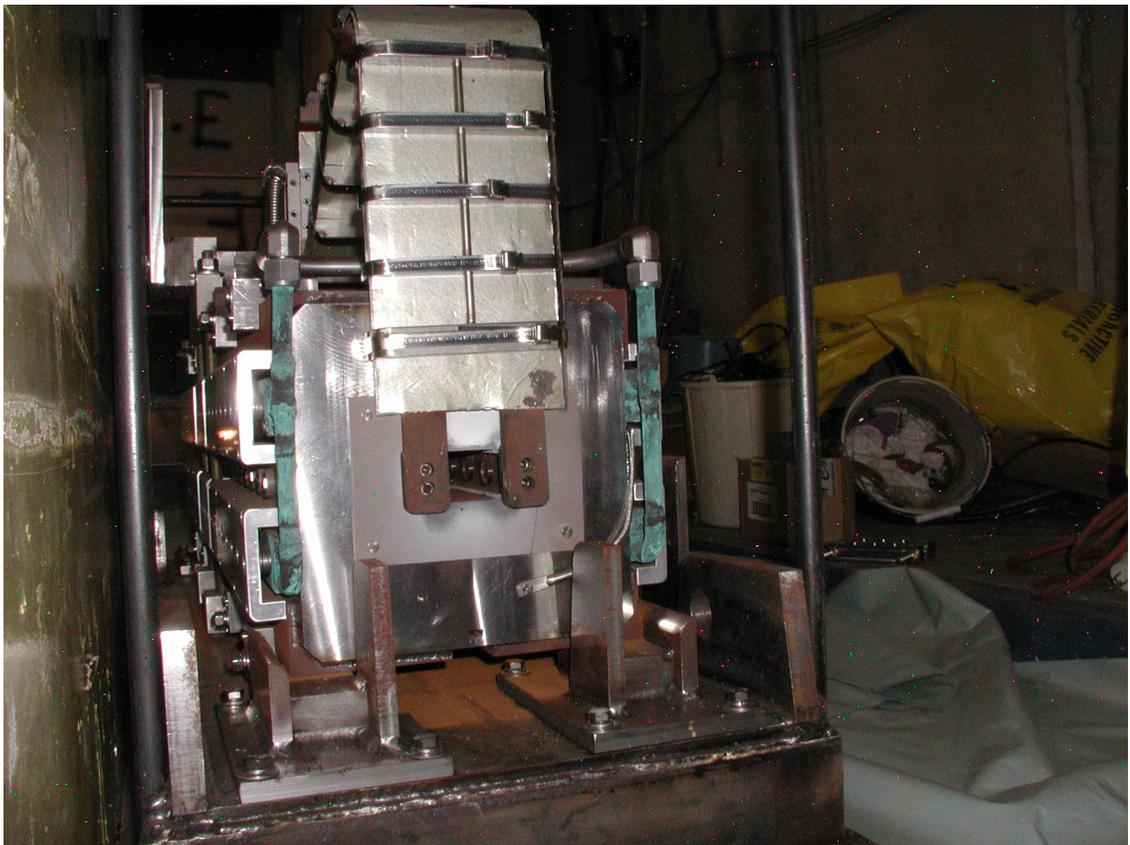
- PMAG failure was the end of last week (<http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pts&action=view&page=322&load=>)
  - Last failure was July 2006
  - This failure similar.
  - Conductor bar failure.
  - The connections that we used to struggle with, no longer fail.
  - 17.6 million pulses

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Pasted from <<http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pts&action=view&page=322&frame=2&anchor=&hilite=&load=>> DS.

o Note torolon plate damage on left side.



- Vault air is acidic environment, see Cu Oxide deposits.
- a
- Lens power supply problems (<http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pbar08&action=view&page=388&anchor=150432&hilite=15:04:32->)
- Access made yesterday during Lens PS problems.
  - Went back to original settings,
  - Suggested ARF1 bucket size stepped down after putting changes back and DVM tune-up.
- Test on single turn, put more gain on the long leg.
- Quick activation survey of D/A
  - Looked mostly at accumulator injection septum
  - Just DS of interface between two septum are several times hotter.
  - No big surprises.
- A:IKIK -
  - Obie would like to get the other kicker magnets down.
  - Want to raise the voltage up on module 1 during the day, then move it back down at night.
  - If we see vacuum activity, we'll back off.
  - We are at 40KV.
- Kicker module alignments (<http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pbar08&action=view&page=389&anchor=081157&hilite=08:11:57->)
  - Java application is setting the timer modules to wrong value.
- I:QF12
  - 3 weeks ago, started getting P2 permit trips.
  - Controls replaced cables going into module and 468 card.
  - Opened up trip window.
  - Swapped the ramp card with QF11A and QF12.
  - Trips went away.
  - Closed the limits back in.
  - Started getting trips again.
  - Controls sees the ramp shifting in time, but not overnight.
  - May have to have a filter on its input.
  - Possibility
    - Getting high frequency noise.
  - Sample flat top early enough to pull the permit before beam goes down the line.
  - May move the sample time a little later in flat top.
- Safety and clean-up day next Friday.
- Thermistor chassis at AP0.
- Long shutdown
  - Stay in controlled access
  - Transport supervised to pull collimator out of hatch. - can be done later in the week.