

**In memory of Bob Siemann**

Ben Cowan





Recipe for fixing the 11.8/82.7 MHz box in FEL1 that is the heart of HEPH

- 1) Required tool 5/16" wrench in drawer on left hand side of Leap desk (where connectors are located). Vice grips on tool board in FEL3
- 2) Look at monitor point - auxiliary monitor on back of box. It is probably on the negative rail (-12V). This is not good
- 3) Remove the box that is the heart of HEPH from the rack & remove its cover. I need you will see a short, gold cable with one end soldered to circuit board and the other end on SMA that connects to a filter
- 4) Using the surgical tool kit, disconnect the cable carefully watching the monitor. As it floats positive, reconnect it. If it locks it will settle at  $\sim 3-5V$ .
- 5) Close the box if successful, sterilize & return tools

This is not a joke!

Kicker turned to zero  $\cos 5.44$

18:30 Kicker appears to have died - could be clear. No smoke, fire or drug downstairs

take 1 mm from edge (into beam)

1st attempt at ITR run 308 - waf, problem with operation of DAA

Run 0309 - just ITR run - no obvious sign of events

0310 - 2nd ITR run

0311 - 3rd ITR, wider time range 360-420 pass machine becoming unstable... data may not be useful

0312 - 365-405 signature at 392 !! Signature!

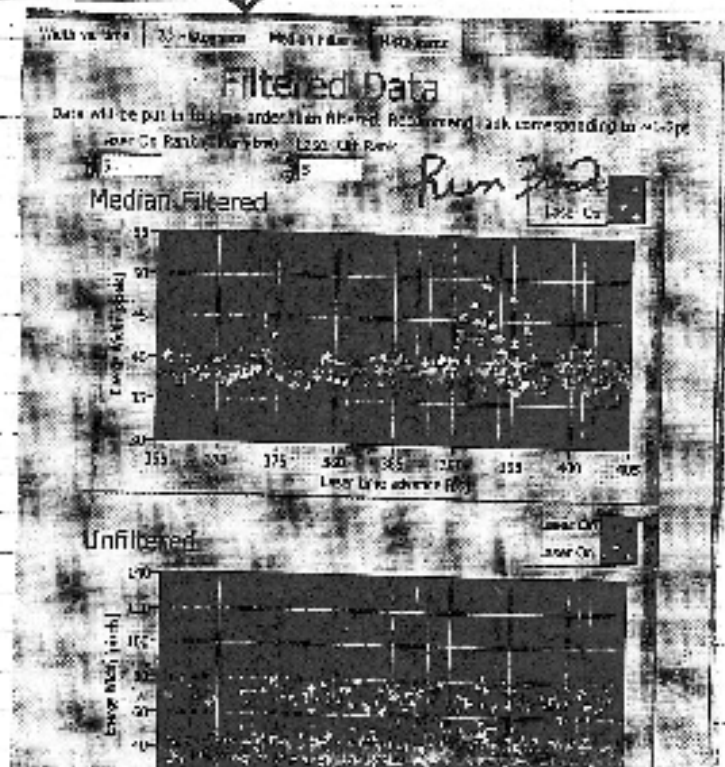
0313 - repeat of 0312 to see if signature at 392 survives

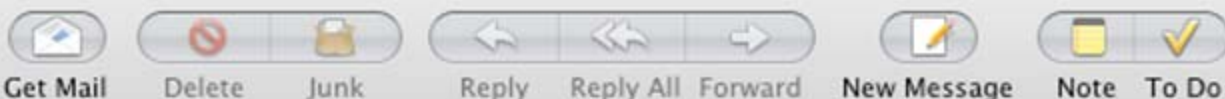
Signal reappears!  
We have seen ITR  
signal

0314 - time scan 390-400  
Wave plate  $19.5^\circ$

0315 Polarization plate  
rotated  $95^\circ$  from  
 $13\frac{1}{2}^\circ$  (for I  
polarization)

Waveplate software  
© 640





Q 223



18 Found

All Mailboxes

Bob

Entire Message

From

To

Subject

Save

From	Subject	Date Received
Siemann, Robert H.	Parts and equipment in Bldg 223	Feb 24, 2007 18:08
Siemann, Robert H.	Parts in Bldg 223	Feb 23, 2007 17:27
Siemann, Robert H.	Tools in 223	Nov 9, 2006 12:58
Siemann, Robert H.	Tools and Supplies in Bldg 223	Oct 29, 2006 12:07
Siemann, Robert H.	LABEL MAKER MISSING FROM 223	Apr 11, 2006 8:24
Siemann, Robert H.	Please return the heat gun you have taken from bldg 223	Mar 14, 2006 11:36
Siemann, Robert H.	Where is our RF power meter?? - It has disappeared from 223 - Please let me kn...	Mar 3, 2006 8:55
Siemann, Robert H.	Clean-up in Bldg 223	Sep 21, 2005 7:58
Siemann, Robert H.	Building 223 Label Maker	Jul 8, 2005 11:07
Siemann, Robert H.	Missing equipment from 223	Jul 23, 2004 10:54
Siemann, Robert H.	Please help clean up Buidling 223	Jan 23, 2004 9:19
Siemann, Robert H.	CORRECTION There is now an operating FAX machine in Bldg 223 Number is 65...	Jul 1, 2003 16:14
Siemann, Robert H.	There is now an operating FAX machine in Bldg 223 Number is 650 926 3892	Jul 1, 2003 16:12
Siemann, Robert H.	Building 222/223 move	Jul 29, 2002 17:49
Siemann, Robert H.	Move of building 222/223	Jul 15, 2002 13:16
Siemann, Robert H.	Please clean up 223	May 26, 2001 8:17
Siemann, Robert H.	tools missing from 223	Apr 21, 2001 10:26
Siemann, Robert H.	223 Stock	Feb 7, 2000 14:05