

DRAGON Group Meeting 5 Dec 2007

Present DO (rec), CV, GR, UH, CR, CD, LB, DH

Hardware

- there are serious DAQ problems
- the least significant bit in data stream is no longer there
- consequences is that module in slot 9 turns up in slot 8
- could be the result of a bad cable or could be in CAMAC
- failure occurred after Wednesday's quad alignment work

- some discussion of going to VME directly,
- this might require a new VME crate to avoid long analog cables

- MD1 failed on turn on and required calling in an engineer
- problem was a small breaker on the front of the supply that was tripped but appeared to be on.
- we will attach a warning note to front of supply

- Rutherford crate fuse blowing problem discussed
- an on/off switch has been added to front panel
- ownership of 2nd crate is not clear.
- we will ask Tom Davinson if we dare replace 3 A fuse with a slow blow type.
- proposal to rewire alternate slots to allow same crate for SSDD and ion chamber use.

Quad alignment

- A report will be written about our movement of Q1 and Q2
- Q1 and Q2 have been lowered by just under 1mm each.
 - this has resulted in the vertical profile at Ch slits to be centered rather than +3mm as it has previously been.
 - unable to determine effect at final detector because of DAQ problems.
 - Michael's vib wire wanted Q1 lowered by 1.25mm and Q2 by 2mm.
 - was inner pumping tube in or out for this measurement? To be determined.

Purchase Items for new final slit box

- small turbo pump
- 4 inch VAT valve with side pumping port
- ladder activation device
- IRIS activator, stepping motor to control IRIS diameter

- new triple alpha source that will be permanently installed to test strips on strip detector.
- Mitutoyo serial port DO to approach epics controls people

EEC DRAGON talk at 9 am Tuesday