

Proton Detector Remote Noise Testing, March – April 2013

Helping us to Acquire Data Remotely from FIU:

- Please turn on the 40V bias voltage in the morning and please turn off the 40V bias voltage in the evening. If anything else needs to be done (such as turning on the computer) I will send you an email.

Returning Items to CCFE:

- The ethernet cables from the JET Computer Help Desk are in the office D3/1.03 on the desk I was using
- Two office keys are in the manila envelope in D3/1.03 on the desk I was using
- The manila envelope in D3/1.03 has the item list for shipping that needs to be given to Rory Conway
- When uninstalling the cables, 3 SMB cables need to be returned to Robert Stephen (and any accompanying adaptors attached to those cables such as lemo/BNC/SMB)
- Any other BNCfemale/BNCfemale adaptors were given to me by yourself
- The blue Nuclear Ultra Cables can return to the shelf in G.65 for shipment at a later date

Shipping Equipment to FIU:

- Call Rory Conway (D4 stores, 6477) to verify date to drop off equipment for packing (I will email you and Rory regarding the exact drop off date before the end of April)
- Go through equipment checklist in MAST area before uninstalling
- Go through equipment checklist in MAST area immediately after uninstalling
- Please check that smaller items do not fall in the pit below
- Please refer to the figure at the end of the document for a visual list of cables to be uninstalled
- Load equipment from MAST area and equipment from downstairs lab (G.65) onto cart and take to Rory Conway in D4 stores (he already has the box, packing materials, and packing instructions)
- I forgot to write down the last of the labels Rory might need for packing up the equipment. Please write one label with a red marker for each of these numbers: 7, 9, 3, 4. When you write the numbers please underline each number (so there is no confusion especially with the 9).
- Make sure Rory has equipment checklist/ item list and labels
- I would be interested in getting our aluminum detector holder shipped back with the blue Nuclear Ultra cables and SHV connectors, though I am not aware of the procedures Health Physics would have to go through to approve this

These items currently in G.65:

- LabVIEW software discs labeled 11 in red
- individually wrapped ferrite cores labeled 21-36 in red
- individually wrapped ferrite cores labeled 37-40 in red
- spool of metal braided cable shielding labeled 41 in red
- cable assembly (0.2m) labeled 13 in red
- 1 black cable assembly (0.2m) with labels: 20,42,43 in red

These items currently in MAST area:

- detectors, which are items 1 and 2 (please immediately place the white cap on the uncovered detector to prevent damage; the white cap is in the detector case in the equipment box in G.65)
- preamplifiers are items 3 and 4
- amplifiers are items 5 and 6
- computer is item 7
- digitizer (inside ADNACO box) is item 8
- ADNACO box (called PCI expansion system) is item 9
- orange fiber optic cable is item 10, labeled in red
- power cable for preamps are items 12 and 46, labeled in red
- cable labeled 17 in red (0.15m BNCmale-BNCfemale)
- cable labeled 18 in red (2.7m BNCmale-BNCfemale)
- cable labeled 16 in red (0.3m BNCmale-BNCmale)
- cable labeled 14 in red (12m with BNC connectors)
- cable labeled 19 in red (12m with SHV connectors)
- cable labeled 15 in red (3m BNCmale-BNCmale)
- cable labeled 17 in black (which will need to have either the 20 label or the 20,45 label and the black label will need to be removed)
- cable labeled 18 in black (which might need to add the 20,45 label and the black label will need to be removed)
- four blue Nuclear Ultra cables, which will stay at MAST for the time being (they are all labeled in black, 16, 14, 15, 19)

Please send me an email if you have any questions.

