

MI BPM Hardware Status

From CD/ESE's point of view

Bob Forster

May 9, 2006

System Cables

- PO#566784 to Casco is complete.
- 39 Failed cables were returned for repair.
 - Bob picked up the loaner Fermilab crimp tool from Casco Mon May 1st for return to DESY.
 - The returned cables reached Casco Tues May 2nd.
- All but one of the MI8 Cables was delivered to John Van Bogaert Tuesday April 25, 2006.
 - The “but one” was returned for repair.
 - There’s a discrepancy in the count yet to be resolved.

Air Dam Modules

- PO#568441 to Elma
- Expected Delivery April 14, 2006.
- Bob phoned again Thurs May 4 for a delivery update. Troy Lauritsen, Division Manager of Elma Enclosures & Components promised complete shipment by Friday May 5, and phoned back Friday to confirm the shipment.
- Something about “...raw materials just delivered this week from Switzerland...”
- **Estimated Air Dam delivery Weds May 10.**

Digital VME Chassis

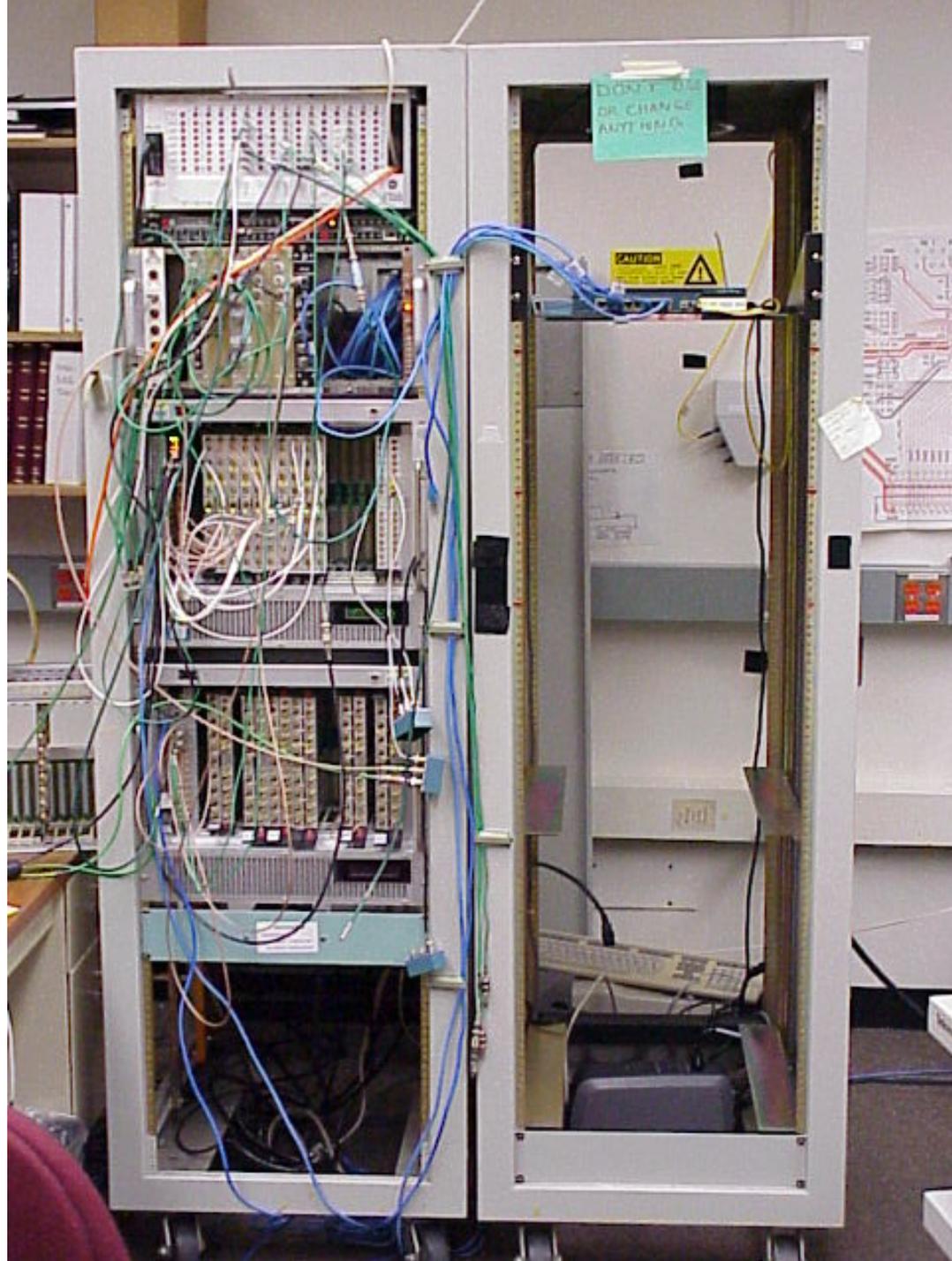
- PO#566244 to DAWN is Complete.
- DAWN UDP firmware works w/o Optilogic H/W, but requires a firmware upgrade.
- Luciano obtained IP addresses for DAWN MI crates (and test stand routers).
- CSS' Bill Barker upgraded the firmware in all DAWN chassis per Charlie Briegel's instructions.
 - **both the Tevatron & MI subnet are known to work in the FCC3 test stand area, thanks to Steve Foulkes and Luciano Piccoli.**

Analog VME Chassis J2 Backplanes

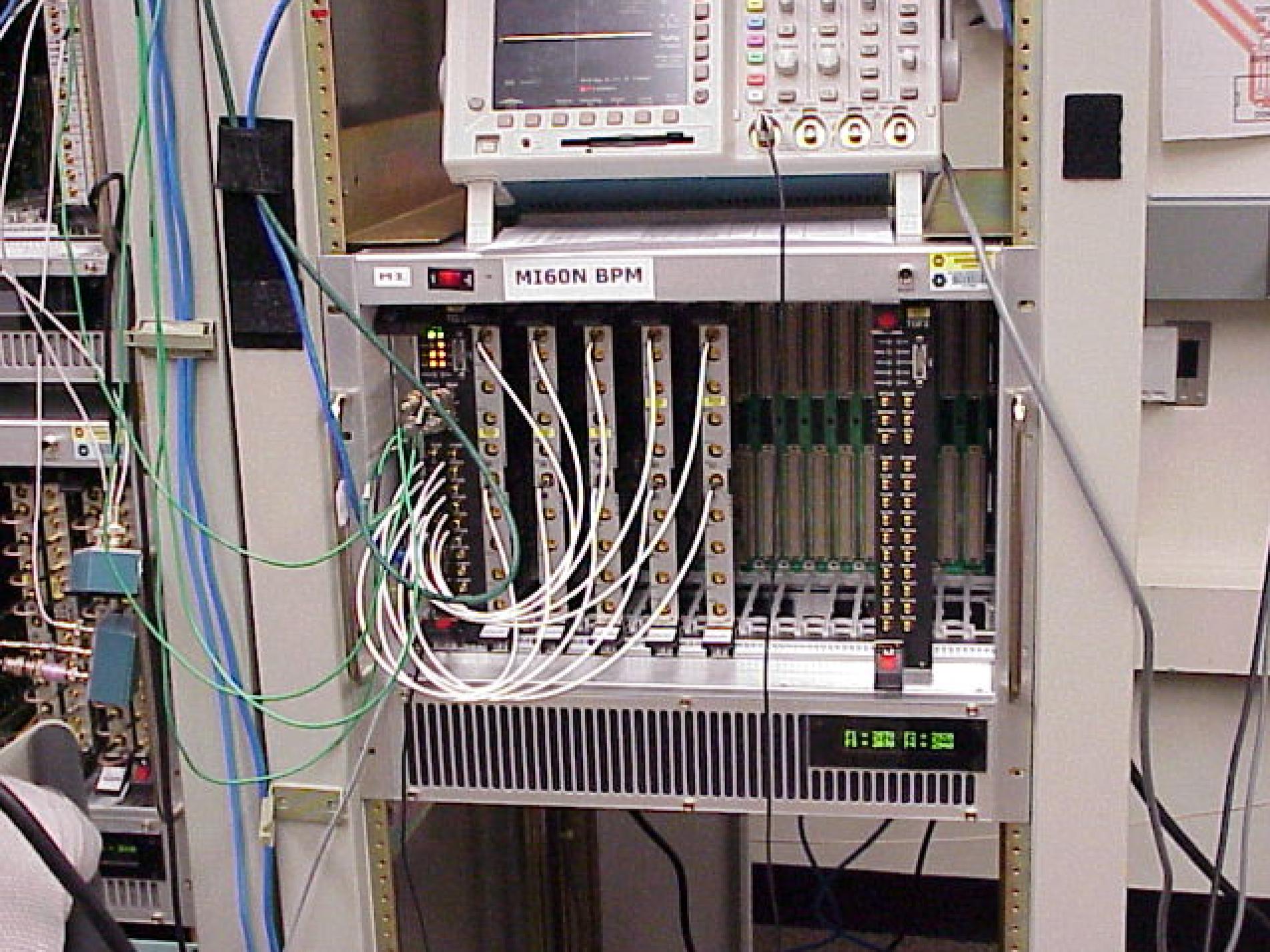
- PO#568474 to Hybricon is complete Apr 21.
- CSS' Bill Barker got the Analog VME Chassis & Power Supplies from AD's John Seraphin.
- CD/PREP tagged each chassis and power supply with an inventory # and serial #.
- Cables and connectors between the power supplies and the backplanes were procarded.
- The proper crimp tool was borrowed from AD's John Van Bogaert.

Analog VME Chassis J2 Backplanes

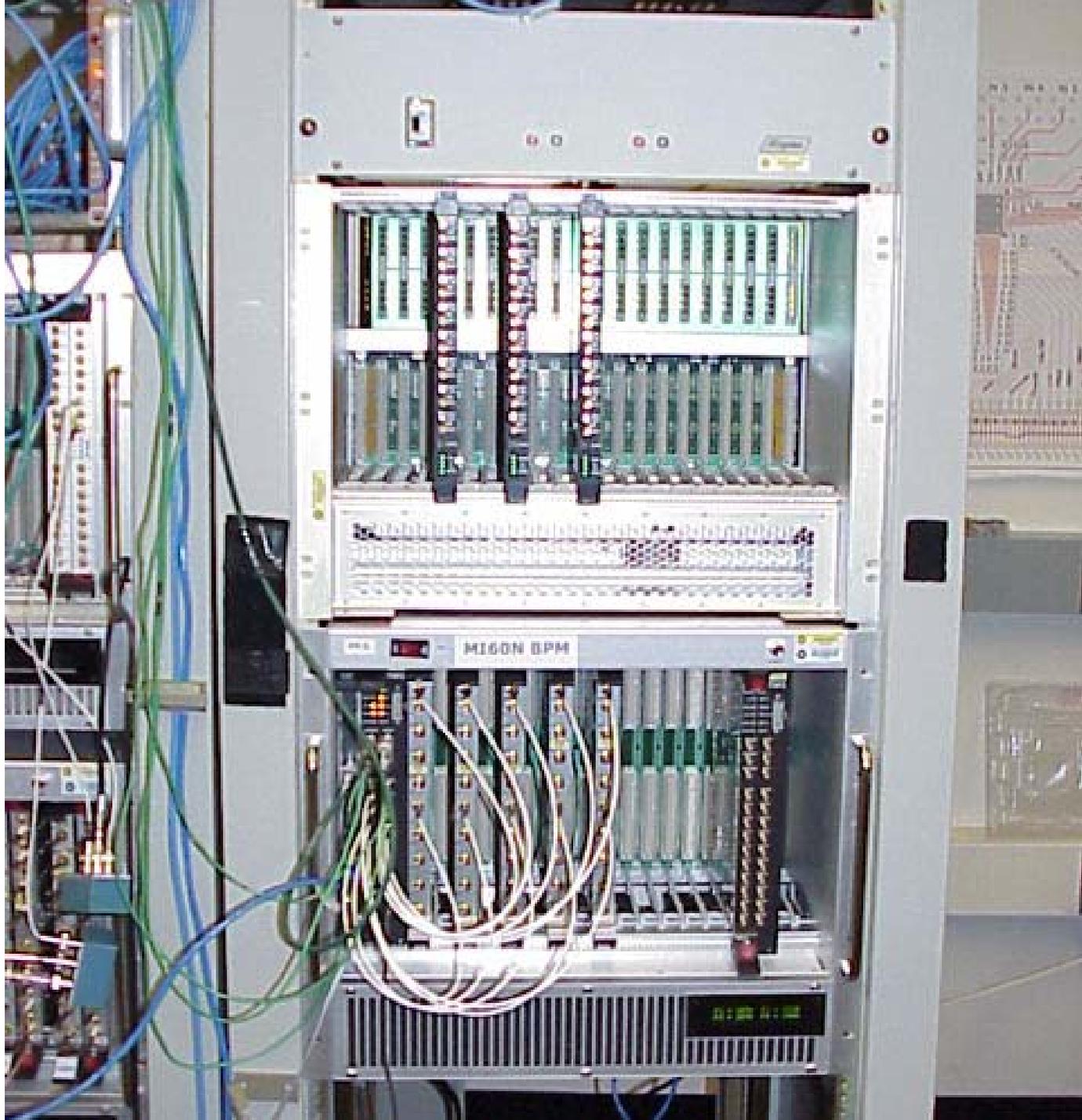
- **Bill Barker assembled and cabled the first analog chassis in the ESE open bay for termination tests prior to assembling the remainder (pictures follow).**
- **Stefano Rapisarda & Neal Wilcer are deciding the best termination scheme to use on these Hybricon backplanes.**

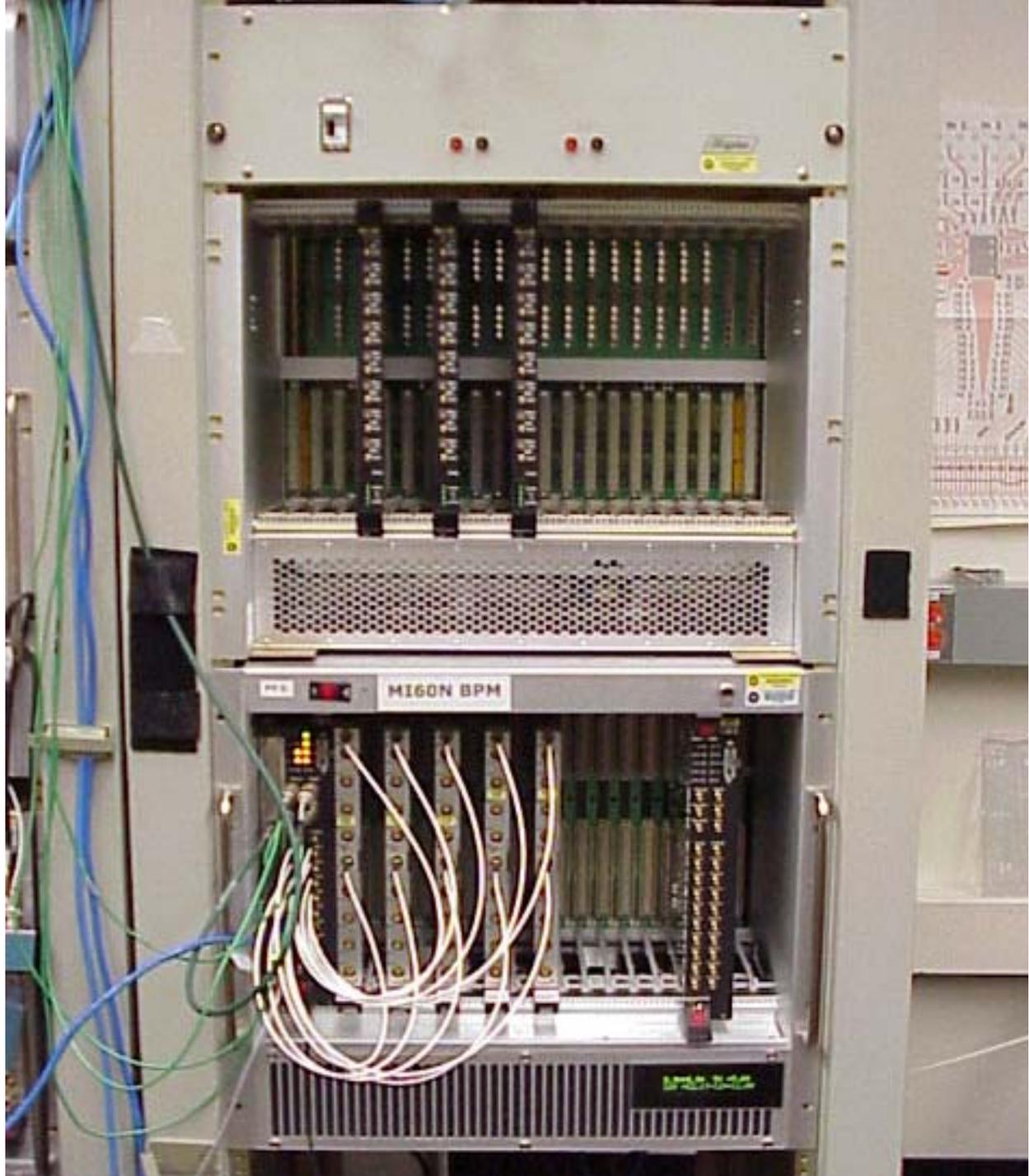


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BPM Integration Test Stand Status

- MI-60 digital section fully functional
 - CPU, Echotek, TGF-II & Rear I/O card
 - Transition Crate Controller & FEC Link
- Need test requirements for Transition Cards
 - Transition Card Test Requirements Meeting Scheduled Wednesday May10, 9:30AM in FCC-3 with Manfred, Andrea and Bill, Stefano, etc

Transition Module Assembly

- First 2 – Bob picked up/Received Thurs Apr 6.
- Next 70 – Bob picked up/Received Mon May 1st.
- PO#568055 was completed Monday May 1st.
- Box of Leftover Parts was Returned by Lace, will be delivered to AD's Andrea Saewert.
- The 2 “First Articles” will be updated with Production Front Panels by CSS' Bill Barker on Wednesday May 10.
- CD/PREP tagged each module with a property number and a serial number.

Transition Module Assembly

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(more to the story . . .)

Transition Module Assembly

- Andrea Saewert expects to complete the Test Software by the end of this week (Fri May 12).
- But prior to testing, the matched Filter Pairs need to be installed (by ESE? CSS? or AD?).
- **New AD request :**
Please retest the filter pairs prior to soldering them on each module.