

Progress report on RICH C1 and others

R. Debbe

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Status of RICH

- The detector has been built
- All PMT and amplifier cards are in hand
- 3/4 of the PMT have been tested, found 1 bad PMT
- The mirror has been delivered.

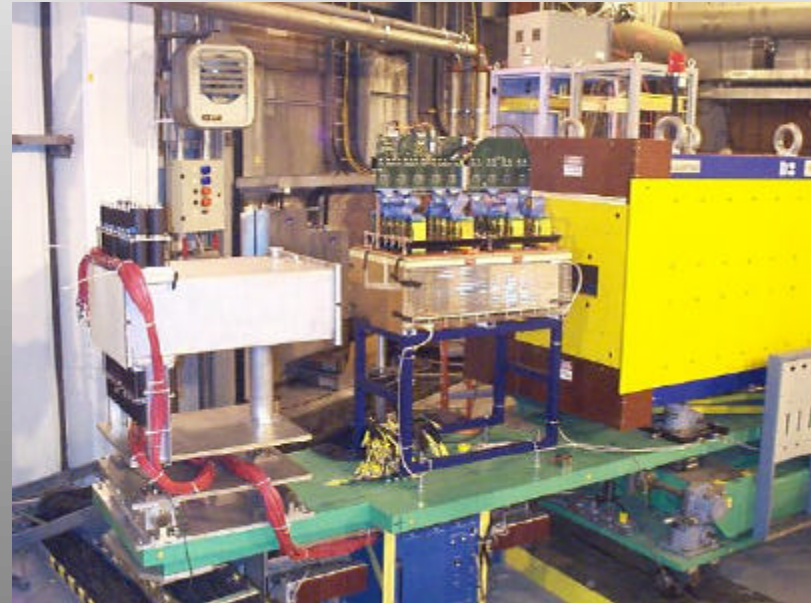


Things to do on RICH

- **Put surveying marks on detector.**
- **Install mirror and align it with a laser.**
- **Move detector to platform and install photon detector.**
- **Cable all channels and make sure amplifier noise is low. (2mV peak-peak for 80 channels)**
- **Close the detector and fill it up !! (measure the index of refraction of radiator)**

STATUS OF C1

- The detector has been timed during the commissioning run. All PMTs are OK.
- Needs a permanent seal for light leaks, or push again to turn off or dim lights at the IR.
- Calibration with LEDs has not been done. (These PMT have some single p.e. resolution



Calibration chambers:

- **The electronic chain for the calibration chambers has been tested at the lab.**
- **All the electronics is now on the platforms.**
- **New stands have to be made before installing on platform.**



Drift Velocity Monitors.

- **Most of the plumbing for the Drift velocity monitors is done. I have to assemble the fourth and last detector and add readout electronics to all detectors.**
- **Install them on platforms.**
- **Decide how to merge their information with the rest of the data.**