

# *DAQ Status Update*

Andre Lebedev on behalf of DAQ group  
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# *DAQ Group is expanding*

- Detector people are doing lots of work
  - Ckov: David Lange, Doug Wright
  - Drift Chambers: Pierrick Hanlet
  - E-cal: Durga Rajarm
  - H-cal: Lanchun Lu, Andrew Norman
  - TOF/T0: Tim Bergfeld



# *Overall, DAQ is doing OK*

- PowerPC side is very stable
  - Server side is reasonably stable
    - Have done a few overnight cosmic runs
  - Implemented versioning of shared libraries
    - Necessary due to large number of code developers
  - Event builder is crashing sometimes
    - L. Piccoli couldn't replicate our problems
    - Major upgrade is ~70% complete
  - Run control is crashing in ROOT GUI interface
    - Not clear how to deal with that
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# Where we are

- Complete Processes
    - Drift Chambers
    - E-cal
    - MWPC
    - RICH
    - T0 + Beam Cherenkov
    - TOF
    - TPC
      - Compressed readout ready!
    - Trigger
  - Incomplete Processes
    - H-cal
    - Monitoring
    - HV Control
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# *Hardware Issues*

- One PowerPC died
    - We have a total of 7
  - CAMAC over “Branch highway” is painful
    - Spent a week trying to get richppc chain working
    - Beamppc chain is still not fully operational
  - LeCroy 1440 system
    - We can talk to both systems
    - Two programs exist to control the beast, no monitoring is currently implemented
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# *Future Work*

- Integrate with Acnet controls
- Integrate with Database
- Install/improve online monitoring
- Further problems will be found as we start running

