ATLAS

MDT READOUT ELECTRONICS FOR RPC

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GOALS

- Install MDT readout electronics for RPC in the following:
  - BME Sector 13
  - BOE Sector 13
- Commission the chambers to which the readout electronics are connected (make sure everything works)

PROGRESSION IN BME

Installation	Done Side A	Done Side C
Service Frame	Yes	Yes
Mezzanines	Yes	Yes
80 Pin to RJ45 Converter	No	No
Cabling	No	No
CSM	Yes	No
MDM	Yes	No

PROGRESSION IN BOE

Installation	Done Side A	Done Side C
Service Frame	No	No
Mezzanines	Yes	Yes
80 Pin to RJ45 Converter	Yes	Yes
Cabling	No	No
CSM	No	No
MDM	No	No

SETBACKS IN PROJECT

- CSM Firmware would produce many parity errors
  - Many versions tested
  - CSM Firmware 2014111911 works well
- A slight Injury occurred (not by my electronics) in the BME when ATLAS was being cleaned
  - Person was not severely injured, pushed back against a corner
  - Mezzanines cards were identified as safety hazard
  - Made safety guards to cover the mezzanines

BME BEFORE SAFETY GUARDS

BME BEFORE SAFETY GUARD

BME WITH SAFETY GUARDS

BME WITH SAFETY GUARDS

SAD NEWS

- I will not be able to commission the chambers
- Power for electronics will not be provided for the time we scheduled to commission
- The person after me will have to commission the chambers
- Installation should be done by December 15th