# ATLAS

#### MDT READOUT ELECTRONICS FOR RPC

## 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	<b>No</b> 3

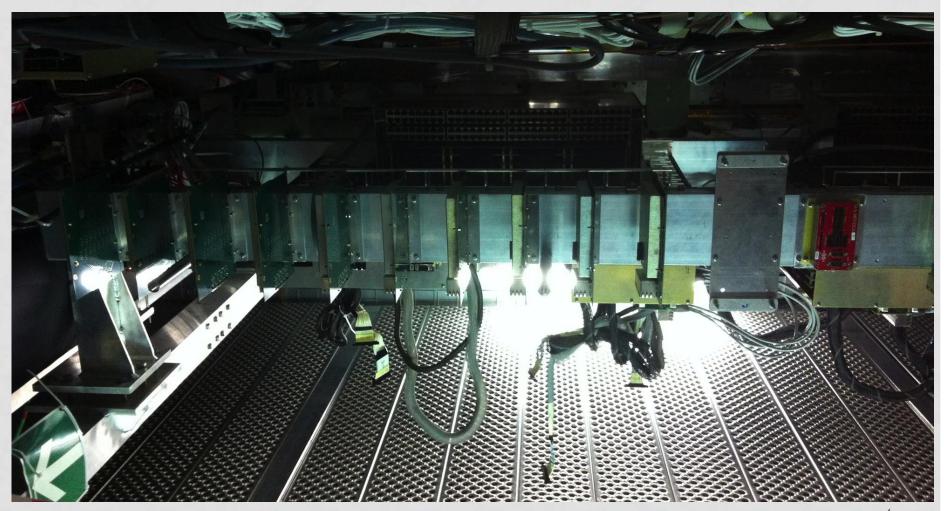
### PROGRESSION IN BOE

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 4

# 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 15<sup>th</sup>