FMD Offline status/plans

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Hardware status/plans

- FMD3
  - Installed in pit
  - Ran in FDR2
- FMD2
  - Installed in pit
  - Ran in FDR2
- FMD1
  - To be installed in pit this week (week 15)
  - Final placement of FMD in 1 month or less
- RCU firmware
  - Current schedule is to get this in week 16
  - Need atleast 1 week or more to test this
  - Could take more time to adapt software to this

Detector Algorithms

- Detector algorithms for all runs
  - Pedestal
  - Gain
  - Physics
  - Standalone

- All algorithms are implemented in Aliroot

- Shuttle preprocessor setup to handle this info

- Precise contents of the files will be impacted by RCU firmware

Geometry

- ## FMD1
  - Thin carbon fiber cover missing
  - Half rings must be rotated by 90°
- ## FMD2
  - Outer carbon fiber cylinder missing
  - Very thin carbon covers missing
  - Small aluminum pieces are missing
- ## FMD3
  - Cooling covers missing
  - Carbon fiber spokes dimensions should be adjusted
  - Some steel bolts must be added
- ## Review and finalizing of geometry must occur
  - Will take a fair amount of time to verify the details

Planning

- ## Hardware
  - All hardware installed by end of week 15
  - Final position and surveys will be finished within 1 month

- ## Detector Algorithms
  - Implemented (in Aliroot)
  - Final algorithm depends on new RCU firmware

- ## Geometry
  - Mostly implemented
  - Missing pieces are low density or very small
  - Final geometry to be verified by June 15

- ## Event display
  - FMD person will work with Matevz on this next week