

# Post-commissioning Offline mini-workshop

11/02/2008

## Action items:

1. RAW data production :
  - a) Checker and trigger – to be redefined
  - b) Output file list – too long. ESDs and put rec.points in ESDfriends
  - c) Move the production to 'Prodraw' partition, include sites with replicated data
  - d) Involve detector experts in checking the produced data and log files for errors
  - e) Check OCDB behavior in the reconstruction
  - f) Chain the raw data - more than one input file per job
  - g) Test merging of ESDs – one ESD per run
  - h) QA – one file per job
  - i) Web page with the output of the reconstruction
2. Alienspool
  - a) Current version v.2.3, last 2 days of commissioning, no errors, do nothing
3. FTD/FTS, Catalogue
  - a) Automatic resubmission of transfers
  - b) Alarms for broken FTS channels
  - c) Catalogue – notification when a table becomes too big (above 1 Mio entries)
4. MC production during the commissioning
  - a) Launching a production needs help from Offline expert during the Grid validation process
5. AliRoot - RAW data decoding status detector by detector
  - a) TPC – currently no access to the TPC operation conditions, until the new firmware is operational, need to get these from TPCC through DAQ FXS
  - b) Mapping of SDD – update needed
  - c) Mapping of SPD – update needed
  - d) TRD – go to consolidated reader, no final format of RAW yet
6. Shifter Dashboard and monitoring
  - a) First level QA by experts on shift, check-boxes for run validation on logbook level already?
  - b) Shuttle - status and failing pre-processors (groups)
  - c) Define additional fields in the DAQ logbook (run transferred in CASRTOR2, number of chunks, filesizes, number of events)...
7. Shuttle – operation, prtotection, pre-processors
  - a) gSoap library problem
  - b) discussion with DCS experts on availability of data points (very few during the last run)
  - c) Table with what is available in the test shuttle and what was available during the commissioning

8. CASTOR2 and storage
  - a) Change the default size of RAW data chunks from 1 to 10GB
9. AMORE
  - a) AMORE code in AliRoot SVN
  - b) Release policy for the cosmic run, calendar with releases, 1 week code stability (ROOT and AliRoot)
  - c) 'release policy' meeting with HLT/DAQ
10. DAs in DAQ
  - a) Run type definition in ECS – full list to be implemented
11. DAQ – recording of large events with AliMDC
  - a) Discuss with Rene the Tree structure
  - b) 18 branches split for the TPC does look like a reasonable scenario
12. Timing check and compression on the fly
  - a) HLT is sending all data as one eq. ID, over one link. This cannot be split in the same way as for DAQ – potentially a showstopper for large events. To be discussed internally by HLT and later discussion with Offline/DAQ
  - b) HLT ESDs in ROOT format