

Presents : Y. Aubert, N. Dosme, X. Grave, A. Korichi, E. Legay

The agenda :

- 1-Summary of the AMB meeting (AK)
- 2-Status of the DAQ dismount and packing at LNL (Aubert and Dosme)
- 3-Status of MBS versus Narval at GSI (Grave)
- 4-Status of the Network and the issues at GSI (Aubert)
- 5-Status of the GEC (Legay)
- 6-Status of the documents (on preparation as an input for a discussion with GSI) for the final design of the networkSecurity (all)
- 5-Futures actions for the final installation at GSI and brainstorming on the new policy for the users and definition of the commissioning of the DAQ on site.

Summary of the AMB and issues for the DAQ:

AK just reported that the AMB congratulates the DAQ-group for the work that has been completed at GSI and that things could continue as planned if we did not face the problem of the electronics. AK informed the group that this issue will be discussed in a joint meeting between the FEE and DAQ groups.

2-Status of the DAQ dismount and packing at LNL (Aubert and Dosme)

Y. Aubert and N. Domes were on site at LNL (11-12 december) for dismounting and packing the DAQ hardware and the list of the material in 19 boxes is the following:

- SunXfire - 4 switch 3com - 4 fibres channel cards (from narvalds2 and narvalds3)
- 4 fibres (connection between narvalds2/narvalds3 and StorageTek disk)
- 4 CX4 connector for switch 3com - 2 cables for CX4 modules
- spare disks for narval node - 1 KVM master - 2 KVM slave - 25 KVM modules
- 6 x3550 M2 or M3 - 3 visu machines - 6 screens for visu machines
- 2 analysis machines - network cables

Since there were still data that was not copied on the GRID the remaining material (necessary for the data transfer) was packed by LNL people and it corresponds to :

- 1 switch 3com - StorageTek 6540 Head - 7 StorageTek 6540 Disk Tray -
- all fibres for StorageTek 2 fibres (connection between narvalds1 and StorageTek disk)
- full narvalds1 (machine with the 2 fiber channel cards) - narvalds2 and fibre channel cards
- full marsouin (specific narval node to ease GSI deployment) and 2 switch 3com

The question of the remaining machines that are not under warranty any more raised again and needs a dedicated meeting with the data-analysis group if once would like to set a data-relay-centre with these machines.

3-Status of MBS versus NARVAL

X.Grave is in contact with N. Kurz and a dedicated meeting took place during our visit in december. The consumer library sends data to MBS and the bugs fixed and the developments and tests of the shared libraries for MBS-Narval interconnection are underway.

The Data Flow encapsulation into MBS-sub ID 0x800 is still to be done as well. An issue came out from ADF and we have decided to organize a meeting with O. Stezowski

4-Status of the Network and the issues at GSI

Investigation on the HEPPI network that is available at GSI and that can be used for the data transfer at Lyon is underway with the help of the CC-IN2P3.

The final design of the AGATA network is still under definition due to the GSI policy in terms of security. It was decided to prepare a detailed document with a precise request for AGATA and with a detailed specifications for AGATA. This was not an issue at LNL and hence was not considered by the group as a problem. The document is almost ready and will constitute a basis for next coming discussion with the GSI-IT group.

5.Status the GEC And the system running

The GEC installation will be performed once the DAQ installation is completed. As already reported, the Orsay group, has been working hard on the GEC and it was running well at LNL which means that it should not be an issue if we first install things as they were running at LNL before any upgrade. In the mean time, the group will be involved in the Orsay test-bench for the VHDL1 upgrade. It was agreed that a FEE-DAQ group should happen in order to discuss this issue.

6-Status of the documents (on preparation as an input for a discussion with GSI) for the final design of the DAQ:

X. Grave has prepared a draft document for the data format MBS/NARVAL together with the DAQ status at GSI and these documents have sent to the GSI people.

AK has prepared a draft document which summarizes the situation of the DAQ at GSI and it is almost ready with the inputs of all

Y. Aubert is almost ready with his document (Allez Yann!!!!)

7-Futures actions for the final installation at GSI and brainstorming on the new policy for the users and definition of the commissioning of the DAQ on site.

From January 24, final installation of the DAQ :

1- Final installation in the dedicated racks : new HP machines, servers, switches, KVM, VISU machines and data analysis machines together with the final network cabling (Eric Legay on site with GSI people next week).

2-Set-up and configuration of the Network. Check of the wiki and elog functioning. Discuss and define the network issue with the local IT group in terms of access to AGATA from outside and

data transfer to GRID (Y. Aubert on site- to be defined). The DAQ rules will be modified in the GSI context but this will be cleared up by Yann and GSI.

3- GEC software installation : to be defined and performed with the FEE group. As a first step, one has to make sure all the Local Slow Controls are functioning and then proceed to the same action on the GEC itself.

4- Acquisition software installation and validation including Krakow run control