

Minutes of LHC-CP Link Meeting 5

- Subject** : LHC Controls Project
- Date** : 16:00 10th October 2000
- Place** : 865/1-D17
- Participants** :
- | | | |
|------------------|-------------|---------|
| Billen, R | | SL-MR |
| Brahy, J | | LHC-IAS |
| Bruning, O | | SL-AP |
| Carlier, E | | SL-BT |
| Ciapala, E | | SL-HRF |
| Di Maio, F | | PS-CO |
| Gavaggio, R | | LHC-VAC |
| Gayet, P | | LHC-ACR |
| Gras, JJ | | SL-BI |
| Jonker, M | | SL-CO |
| King, Q | (Secretary) | SL-PO |
| Ladzinski, T | | LHC-IAS |
| Lauckner, R | (Chairman) | SL-DI |
| Martel, P | | EST-ISS |
| Peryt, M | | LHC-IAS |
| Pettersson, T | | EST-ISS |
| Schmidt, R | | AC-TCP |
| Vanden Eynden, M | | SL-CO |
| Walckiers, L | | LHC-MTA |
- Excused** :
- | | | |
|-----------|--|---------|
| Epting, U | | ST-MO |
| Wolf, R | | LHC-MMS |
- Absent** :
- | | | |
|---------------------|--|---------|
| Lamont, M | | SL-OP |
| Pezzetti, M | | LHC-ECR |
| De Rijk, G | | SL-MS |
| Rodriguez Mateos, F | | LHC-ICP |
- Distribution** : Via LHC-CP website: <http://lhc-cp.web.cern.ch/lhc-cp>
Notification via: lhc-cp-info@listbox.cern.ch
- Agenda** :
- | | |
|----------------------------------|---------------|
| 1. Minutes from previous meeting | |
| 2. Activities of EST-ISS | T. Pettersson |
| 3. Planning Questionnaire | R. Lauckner |
| 4. SL/PO: Function Generators | Q. King |
| 5. AOB | |

1. Minutes from Previous Meeting

Ronny Billen had already corrected the comment in section 4 on Database activities:

“...a concentration of database specialists within the SL/MR group, in particular the DDS section under Ronny Billen.”

to:

“...a concentration of database specialists within the SL/MR group, in the DBS section under Ronny Billen.”

The minutes on the web have been amended.

Rob Wolf could not attend the meeting but supplied this comment on section 3 by email:

SASD analysis was undertaken already before LEP started (the AAWG working group). The AAWG started out too late and with too little experience, but maybe their report (LEP note 597, 1987) is still worth looking through. The LAWG has learned from this I suppose.

2. Presentation: Activities of EST-ISS

T. Pettersson

The head of EST-ISS, Thomas Pettersson, presented the activities of his group, most which are related to the Engineering and Equipment Data Management System. This is a major service provided by EST-ISS both for the LHC (machine and detectors) as well as for other CERN projects and units. The power point presentation can be access via:

http://edmsoraweb.cern.ch:8001/cedarnew/doc.page?document_id=114453&version=1

The type of information managed may be divided into two broad categories: engineering data and equipment data.

Engineering data is taken to include LHC documentation such as technical specifications, engineering change requests, drawings, 3D models as well as layouts, lattice, powering and other databases.

Equipment data describes installed equipment; be it cryogenic compressors or buildings, its location, present and past status, maintenance requirements and possibly also descriptions of the procedures and test results from the manufacturing phases (Manufacturing and Test folder application - MTF).

The entire life cycle of data for any equipment both for LHC and other projects can be managed starting from the design phase and ending with the final decommissioning and disposal.

Thomas noted at the end that EST-ISS responsibility does not extend to the information content, which remains the responsibility of the originating equipment group. However, large numbers of template files exist to make the production of many of the standard document types easier (e.g. manufacturing specifications).

In the discussion that followed, there was a comment that the system is slow to access for documents such as minutes to meetings. In reply it was noted that a full document search facility was being added, to speed up finding specific information. The system is evolving and will increase its performance. It was asked if planning documents were included in EDMS, but not all planning documents are available there for historical reasons. The LHC planning system was set up before EDMS become available.

It was noted that SL-MR will be busy with LEP dismantling for sometime, so it was asked if EST-ISS can help with databases. In reply, Thomas said that EST-ISS does help in general with database design. He noted that the LHC database working group had died, but his group tried to keep it going on an informal basis.

3. LHC-CP Planning Questionnaire

R. Lauckner

Robin Lauckner reviewed the LHC-CP planning questionnaire, which all linkmen have been asked to complete before the next meeting. The questionnaire is available on the LHC-CP web site at:

<http://lhc-cp.web.cern.ch/lhc-cp/Planning/Questionnaire/Quiz.html>

The questionnaire was tested on RF and Vacuum groups and an another example was presented concerning the GPS time distribution project.

Question 2 asks when the functional requirements for the sub-system will be known. It was suggested that being “known” should mean “has an approved functional specification”, presumably in EDMS.

It was explained that the response to the web questionnaire is emailed to the LHC-CP core team, and is therefore not modifiable afterwards by the author. While feasible in theory, this facility would require a great deal more effort and is not justified at this time. If the web form is too limited for a response, then a marked up paper copy can be submitted.

It was also noted that the questionnaire should be completed for each sub-project related to LHC controls, so some groups will provide multiple entries. All the results will be collated and made available on the LHC-CP web site.

4. Presentation: SL/PO Function generators

Q. King

There was not enough time for this presentation, so it will be rescheduled for a future meeting.

5. AOB

None.

Actions	People
Review RT requirements for end of 2000.	M. Lamont, R Lauckner
Set up the LHC Controls Engineering data tree in EDMS	M. Vanden Eynden
Complete planning questionnaire for all LHC controls related sub-projects with a group	All LHC-CP linkmen