

# 2014/07/21 - LS1 LHC BLM update

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## General:

Subject	<b>LS1 LHC BLM status update meeting</b>
Date and Location	Mon 21 July 2014 10:00 - 11:00, 865 1-B03
Attendees	Bernd Dehning; Ewald Effinger; Slava Grishin; Eva Barbara Holzer; Matti Kalliokoski; Fernando Steve Domingues Sousa; Christos Zamantzas;
Message	

**Present:** Ewald, Slava, Matti, Steve, Barbara, Christos (notes)

**Absent:** Bernd (holidays), Matti

**Next week's meeting is moved to Tuesday 14:00 on 865-1-D17**

(Slava has the radioprotection course for the team)

## Christos:

- Firmware for the new optical link configuration is ready
  - To be deployed in the afternoon w/ Stephen
- All the crates are complete; Stephen to make the network config.
- The update of the Expert Applications have started. Had a meeting with Stephen, Jonathan and Blazej to clarify details and priorities.
  - 3 applications are concerned
    - BLMLHC Connectivity Expert
    - BLMLHC Parameter MASTER Viewer
    - BLMLHC Parameter Expert
  - First step is for them to be put in the Maven system - Done
  - Next step is to add some new functionality; have created the relevant Jira issues for Blazej to follow.
- The meeting with CO/DM is for this afternoon.
  - Will ask to start the concentrator and to push data to the Logging DB

## Ewald:

- The rack control units are installed in SR6 and SR7.
  - There were only 4 received by the manufacturer - all taken by us.
- Calibration of BLECF modules will start this week (w/ Steve)
- Starting preparing the cards for 3-4 (w/ Ion)
- Sent the list of cables to Slava.
  - Slava comments that it will be done when there is a gap in the team's tasks.

## Steve:

- Cables for the crate interconnection have been completed and installed.
- Now preparing a list of the PSU in the stock
  - Several of them are with fans in error.

- Preparing the photos for SR3 and SR5 for the documentation.
- Notes that the BOBR is missing in SR2; it was broken and was returned.
  - Christos will follow
- The button for the urgent electricity cut (interrupteur d'urgence) is missing in SX4; not sure if this cuts UPS anyway.
  - Steve to investigate
- Notes issues with the mains powering of the surface crates:
  - the power plugs are 10 A and the PSUs need 16 A
  - At the moment the crates are connect to the non-UPS multiplug.
    - Christos comments that this is wrong; all go to the UPS, except the redundant connections of the CIBUs.
  - No identification for the type of power in the racks
    - Christos asks him to add the orange stripes identification to all points

### Slava:

- Finished ARC of sector 1-2
  - L7 to R7 have all HV dividers installed
  - 4 new monitors installed for Ions
- Sector 2-3 dismantled 11 monitors (urgent request)
- When he gets the confirmation (from Mirko) sector 2-3 to be re-installed. That is, all dismantled monitors to allow accessing for fixing leaks.
- Now moving to Straight-Sections:
  - Point 1 and 2 had all monitors and HV dividers installed; except collimation - to be done in September; waiting for collimation team.
  - Some HV dividers are also missing for the same reason
- Point 2, 4, 5 and 8 had all the plastic boxes removed
- Slava comments on issues with the transportation when it is for radioactive materials.
  - Ewald will ask Nadin (RP) for a memo to explain/clarify the procedure to be followed
- On 31 July asked for transport of the two chariots and rad. sources to the radioprotection building.
  - Next day will be moved in the tunnel, i.e. in points 6 and 7.
  - The transportation of the chariots and sources are done separately to avoid issues in the future.
- Sent the final version of safety manuals; included all comments and proposals given in EDMS and privately.
  - Now preparing a list of things needed for the measurements, i.e. procedures and material (e.g. impact, tracking, etc) necessary.
- Asked Katy Foraz why the RSM moved to 14 Aug (from 4 Aug).
- Slava asks to have a final decision what to make with SEMs; pending points 1, 3, 5, 6 and 7.
  - Barbara: Point 6 is agreed and complete.
  - Point 1, 3, 5 and 7 is missing; Barbara to sent a mail to Stefano/Bernd for clarification.
- Preparing list for the DB changes to be committed for sector 6-7
- Absent for 1 month from 21 Aug. (most likely, but still to be confirmed); will be in ESS.
- Just received request to open 5 monitors (already 11 open) in sector 8-1.

### Barbara:

- First try for sync was not working
  - Met DB guys and fixed some of problems
  - Matti followed afterwards and should have more information (Christos to meet him after the meeting).

- Draft ECR for IP2 and IP8 was given to Slava for check.
  - Slava to send it back in 2-3 days.
  - Slava proposes to send in a preliminary version and after the installation to make an update.
- To do an ECR for IP6 in the next couple weeks.
- Made some first changes for the document for threshold preparation
- Will send the meeting minutes from the DB meeting

### **Matti (after the meeting):**

- CALS-1972 issue is fixed - that is, the access problems for the scripts
  - Matti will check if the fix is ok
- Sync status:
  - MTF -> Layout (no change; should be working)
  - Layout -> LSA: not clear yet if it is working
  - LSA -> Settings: not started
  - Settings -> Electronics: not started (Action: Christos)
- Next week to give a status update of the application and scripts
  - Waiting from Slava the script for the RSM

### **Actions to follow till next week:**

- Ewald to check the installation of sector 6-7; prepare cards for sector 2-3
- Steve to start the calibration of BLECFs; list the PSUs in stock
- Barbara to finalise the list of SEMs replaced by LICs; send minutes of the DB meeting.
- Matti to report on the applications and scripts; check synchronisation of DBs
- Christos to check SR7 (one crate not working); check mains connection on crates.

**Next meeting: Tuesday 29 July 14:00 at 865-1-D17**