

2014/07/29 - LS1 LHC BLM Status Update

Subject	LS1 LHC BLM Status Update Meeting
Date and Location	Tue 29 July 2014 14:00 - 15:00, 865-1-D17
Attendees	Bernd Dehning; Ewald Effinger; Slava Grishin; Eva Barbara Holzer; Matti Kalliokoski; Fernando Steve Domingues Sousa; Christos Zamantzas;
Message	

General:

Present: Slava, Matti, Steve, Christos (notes)

Absent: Bernd (holidays), Ewald (holidays), Barbara (excused)

Communication outside the meeting:

- Ewald has prepared and send a detailed list of tasks to be followed by Ion, Steve and Raymond for the next 3 weeks.
- Ion does not have access in the tunnel; Slava and Karim are trying to solve it.
 - The DB thinks Ion is missing the "habilitation electric" course; this is not true.
- Bernd and Barbara ask to change BPMSW detectors to be change from SEMs to LICs+filters
 - We are missing those filters. We have to produce them, but at the moment there is no one free for this.
 - We'll put on hold this change for the moment. To be re-discussed next week.

Slava:

- In sector 2-3 dismantled 20 monitors, following the request of vacuum group.
- Tomorrow will start again installing S23 for the cool-down; they have given us 3 days to complete it.
 - All will be installed except the BLECF modules.
- Sector 5-6 is being checked now for leaks.
 - Steve has removed 7 monitors to assist them.
- The Russian team has followed the tunnel access training this Monday.
- Completed the installation of all detectors that was possible in Straight Sections of:
 - L5, L6, L8 and R8
 - Today will go to R6 and in the next days to R7 and L7.
- **Problem in L5: ROMAN pots are already installed in the place of the detectors.**
 - This is different from previous discussions/agreements and most probably also ECR;
 - Slava will send a mail for additional clarification.
 - If the situation cannot be corrected, Slava will need instructions for the displacement.
- Sent the Layout file with the changes of sector 7-8.
 - Pascal is away till 5 Aug.
 - Sonya is on maternity leave. Slava will discuss with her replacement.
- Will try to send this week the changes of new layout configuration for sector 6-7.
- RSM:
 - Friday learned that Christophe is not ready with the chariot.

- Thus, Slava asked for a schedule update for the transport and the accesses/plan.
- Friday's meeting with Cryogenics
 - Miguel Jimenez says that there cannot be measurements as soon as there is helium in the tunnel.
 - Also, when they put helium in a sector, all types of work is forbidden for additional ~300m from each side.
 - This means, R6 and L7 need also to be completed before Friday (1st Aug).
 - The people performing the measurements need personal oxygen detectors.
 - BI has 8 in total.
 - Slava is asking where we could get more.
 - If the safety rules are enforced: From this Friday it will not be possible to go to sector 6-7 anymore. This needs to be resolved ASAP.
- Barbara sent to Slava the ECR for the injection region changes.
- The contract of the Russian team has been prolonged till 30/11/2014.

Christos:

- FECs and Fantrays of SR1, SR3 and SX4 now exist in the network.
 - Need to configure in all of those manually the fantrays with the new IPs;
 - Action for this week to make a tour on-site and if possible continue with the remaining points.
- New FESA class deployed in all operational points;
 - Several bugs fixed
 - Now using the new driver generator, i.e. *Encore*.
- New firmware for BLETC modules works correctly.
 - Changes have been propagated to the main branch of the code.
- *Concentrator* is active for all crates in SR7 and SR6.
- *Logging DB* configuration all SR7 and SR6 (7 crates) is complete.
 - Data are stored now in Measurement DB.
 - The transfer from Measurement DB to Logging DB is off until we short all issues (need the new Master table with new names etc).
- The *OP Fixed Display* is again operational.
- The *BLMLHC Parameter Expert* application is operational (did not check it yet).
- All crates in SR7 are operational:
 - Statuses, measurements and thresholds are enabled and pushed to the concentrator.
 - the arc of L7 (were the BLECFs are installed) is working and we send data to the DB.
- In SR6:
 - Statuses, measurements and thresholds are enabled and pushed to the concentrator.
 - Centre and Left crates are operational.
 - Right crate has an issue with one or more BLETC modules.
- The parameters' drive is possible for the BLETC modules.
- Pending issues:
 - We cannot execute any of the tests - have not understood the reason yet.
 - The BLECS' parameters cannot be driven - bug in the software.
 - Several BLETC modules declared tested do not have the correct fibre configuration.
 - There is not a clear pattern and seems random.
 - Thus, all cards have to be rechecked.
 - Found and exchanged 5 cards in SR7.

Matti:

- *Layout to LSA sync is working*
 - Christos asked if there were any changes noted during the synchronisation
 - Matti replied there were and he has a list; he will provide this list to be checked.
- Notes that he has noticed **some monitors to be missing from layout, but exist in LSA and MTF.**
 - Will send an example of such a case for us to follow with the CO.
- Christos reminds that **the person who does the sync should be vigilant.**
 - **Before committing needs to perform a manual check of the synchronisation results.**
 - **Every change must be approved and a reasoning of the change must be given.**
 - **If more changes appear that expected then the sync must be aborted and ask for reason.**
- Tried to change the MF, but he misses the appropriate role, i.e. the MCS-BLMexpert.
 - Some changes were needed to be done by CO/DM (Greg).
 - To be tested this week
- Will try this week the Final to Master (needs Barbara for second signature).
- The jar files for the scripts have been updated by CO.
 - Anyone concerned should check in CO wikis for the updated documentation.

Steve:

- Learned how to calibrate the BLECF modules.
- He is now familiarising himself with the BLM LHC Expert application.
- Fixed problem with the doors not closing in SR1 and SR8
- **Problems with SR8:**
 - **Two fans or power supplies are broken**
 - the cap for the interconnect cables daisy chain is missing.
- Tasks performed in SR6:
 - The fibre for the BOBR was wrong
 - Several fibres were not properly installed on the BLETCs.
 - Fixed the mains cables; moved them to UPS plug.
- **Problems with SR6:**
 - **Several BLECF modules (~10) arrive to wrong BLETC modules**
 - Steve will check first in the surface and if not corrected will check in the tunnel.

Next meeting: Monday 4 August 10:15 at 865-1-B03