

Weekly Reports - GIF++ Users Meeting

Meeting : 14.10 - 9h

Next meeting : after beam time 4.Nov.

Announcements from GIF++ Coordination

Next Beam Time : 20.10.2021 (17h) - 3.11.2021 (8h) (shared with RD51)

Wednesday 27.10 - NO MD - no stop of beam

Monday November 1st: SPS scrubbing; no FT beam for about 10 hours

RD51 - no plans for using Goliath. Pion & Muon beam.

We plan to install the pre-dump before beamtime.

Beam pipe removed yesterday

Access to Control Room during Test Beam:

- NP control room NOT available the first 2-3 days, but later
- 892 1-B09 booked, but 2 days missing (booking conflict)
- HEPA5 Filter installed
- Please respect the maximum of people allowed - as much as possible
- If numbers are above limit (4 persons) -> FFP2 masks are mandatory, will be provided

Irradiator stop :

- 5 days needed to install security system before christmas shutdown.
Current proposal : 16-18.11 + 23-24.11
 - Irradiator Maintenance to be planned.
Before NA Physics restarts (First week of new year)
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Weekly Reports :

Please update before or during the meeting !

ATLAS-RPC: (Luca,Giorgia)

- We would require a fast access this morning and a longer access when possible.
- We plan to do some run with and without source during the week.

ATLAS-MM: (Alan)

- Weekly Planning
 - ==> 13th Oct
 - ==> Trolley with 3 QUADS - x2 MM [LM2-M40 / SM1-M40] + x1 sTGC [QL1-C4][test beam starting on the 20th Oct]
 - ==> cooling done! [useage of the GIF cooling system]
 - [LV ICS + quads cooled in series]
 - ==> setup @position for Test Beam

- ==> baselines/noise runs on elex + QUAD HV ramping [in ArCO2 now]
- ==> Need to pass signal cables to get trigger
- ==> some work needs to be done on the "tilting"
- ==> ISIEC form sent

ATLAS-sTGC (Estel, Margaret):

- Need to open floor to route cables to services area, preferably today/tomorrow(?)
- Npentane line fully installed, with gas detector, waiting for inspection
- Still need to install scintillators at the downstream wall along the beam
- Quad was installed in the bunker with MM LM2.
- Connected with cooling for MM, now working

Comment : transport of flammable gas....
refilling mechanism

CMS-CSC: (Katerina)

- Weekly Planning
 - ME1/1 (downstream) to be irradiated during the next week
 - ME1/1add (upstream) moved outside the bunker for DAQ debugging in the prep.area
 - GC is still connected to the CMS-CSC gas system output, if does not contradict to plans of other users, will stay like that till the end of the October TB
 - Safety inspection for ME1/1add (upstream) to be done (next Wednesday?)

RER21/CBM: ()

Will arrive for the November Beam time only.
RPC chamber is shipped from VECC. Approved
position is fine with us . 50 cm space along the z-direction will be perfect.
we need RPC gas (CMS wet gas will be ok)
For GEM, we need one premixed cylinder of Ar+Co2 (70:30).

ProTOV: ()

- Waiting for report

ATLAS-sMDT (Elena)

- ATLAS-(s)MDT setup has been modified: all three sMDT detector prototypes are mounted inside the envelope of the setup.
- The setup has been moved to its final "Beam" position (the position is the same as in the September Beam test period).
- Mezz. cards have been installed back to the mini-BIS detector.
- New Faraday cage has been made and installed on the Mezz. cards of the mini-BIS.
- Temperature and pressure sensors have been successfully restarted. Detector control system - GUI is restarted and operated correctly.
- New MiniDAQ readout system needs to restart still. This will be done the next day. During the week, I would request multiple short accesses to restart the data acquisition system installed in the bunker.

RHUM: (Marco, Maria Teresa)

- Removed from bunker

EP-DT2: (Mattia)

- Mattia will be back hopefully next week
- Setup will be placed in test beam position 18-19 Oct

Ecogas: (Mapse, Luca, Gianluca)

- Weekly Planning
 - System off
 - Switched to Ecomix-3
 - ALICE chamber has been moved to Trolley 1 -> HV, gas and signal ok. To be commissioned.
 - New SHiP chamber with electronics arriving today (October 14 th).

CMS-RPC: (Mapse, Nicolas)

- Scans with ABS 6.9 and source OFF performed.
- System to be commissioned from today.
- iRPC demonstrator
 - Trolley under construction. It will be not ready before October 20th -> Would be possible to install it between Oct 27th and 20th?
 - Chambers to be installed: 2 RE3/1 chambers (serial number 186, 187 and 2 RE4/1 chambers (serial nos 188, 189))
 - What was done this week: All required cables (HV,LV,fibers) installed. Compressed air cooling system installed. A small rack with power system to be installed in preparation area.
 - The plans for the next week: To finalise the power system in preparation area. Install 4 chambers on trolley, build a new trigger and move the trolley inside the bunker.

ATL-NSW-CJ: ()

- Waiting for report

CMS-DT: (Lisa)

- Weekly Planning: usual source scan today, then continue irradiation at 2.2. We will move in the beam line next Wednesday.

Current minutes by the respective speakers, edited and commented by M.R. Jäkel
Minutes from previous meetings can be found attached to the respective Indico page as PDF.