

Hi all,

Here is the minutes from today's meeting.

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o Cables preparation <Rachid>

- Cables are to be installed before the INTT barrel installation. Cables are to be made before the installation by BNL technicians or the company. Installation of the cables is not gonna be done by INTT members whoever from BNL will install cables.
- The shipping date of INTT barrels to 1008 has not been fixed yet. All test bench setup (HV/LV) racks and cooling gears will move together.
- Most likely we can power ROCs after the installation in the evening so that we won't interfere with other people's installation work.
- **Genki** and **Wei-Che** will review the bias GUI status next week meeting. **Joe** will find out if he can be a help on the development.
- Genki and Rachid from the INTT team will be qualified to work around the beam pipe and they are allow to plug-in/out conversion cables to ROC boards.
- Slow control TLKs replacement plan is pended due to the risk of damaging other components.

o Felix Update <Rachid>

- RCDAQ integration is in progress. Raul is working with Martin every day.
- Once INTT barrel is moved out from the silicon lab, Raul starts setting up 8 Felix machines in 1008.

o INTT Cooling update <Rachid>

- sPHENIX subsystem cooling systems is way behind the schedule at this moment (only half way).
- We'll not gonna have 1008 version of the cooling system on the date of INTT installation. We'll hook up silicon lab portable cooling system to 1008 and stick with it for the time being.

o INTT Strip Displacement <Joseph>

- The worst case displacement is $< 0.18\text{mm}$ or so, but this is an order of magnitude larger than what was evaluated before ($\sim 10\mu\text{m}$ or so). **Joseph** continues to find any bug in his code.
- **Joseph** should visualize the displacement by a 3D vector arrow on the 3D ladder image. The arrow can be superimposed on the ladder image at the surveyed point. The length of the arrow can be $\times 10$ longer than the actual displacement for just display purpose.

o ROC board status update <Itaru>

- NW3 board is back from the repair work. The SC TLK replacement was successfully done in Japanese company, although the J3 connector was slightly deformed by the heat. The company will make some improvement from next time on. The B1 port is confirmed to be good by now. The rest of ports will be tested before ROCs are shipped to BNL. **Itaru** may hand carry if the ROCs cannot be shipped soon enough next week.
- **Cheng-Wei** will check the ROC IDs in Taiwan and ship them to BNL ASAP with a brief memo of the status of these ROCs.

Regards,

-itaru

On 2023/02/01 13:32, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

Feb. 2nd Thursday 8PM in BNL = Feb. 3rd Friday 10AM in Japan = Friday 9AM in Taiwan

*indico

<https://indico.bnl.gov/event/18191/>

*Zoom

<https://zoom.us/j/92149923535>

Best regards,

-itaru

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