

Dear all,

Here are the minutes of today's meeting.

o End rings <Rachid>

- Aluminum end rings were anodized to prevent corrosion.
- Rachid will report about HV/LV system next week. These racks are to be installed to IR in March. They won't be available for the barrel test in silicon lab after the barrel assembly.
- If calibration is successful with FELIX board, there will be the review end of this month.

o Progress report <Cheng-Wei>

- Confirmed the noise response w.r.t. DAC threshold are consistent between Cheng-Wei and Genki.
- **Cheng-Wei** should confirm if the DAC scan result of 2019 is from the ladder operated at 80V or 100V.
- **Cheng-Wei** should recalculate expected MIP position at 50V bias voltage operation based on the formula in following slide

<https://indico.bnl.gov/event/15075/contributions/60983/attachments/40191/67078/50VoltsOperationEffect.pdf>

o Progress report <Itaru>

- 2nd batch bus extender (40 cables) is on schedule and to be delivered to BNL in the middle of May.
- Procurement of the micro-coax cables are in severe situation due to the recent supply chain issue. **Itaru** starts looking for alternative micro-coax cable company. **Itaru** will keep updating the situation so that Rachid can start looking for any connection of the micro-coax in BNL perhaps through EIC group.
- There is a concern in the beam clock board fabrication due to the possible components non-availability in the market due to the recent supply chain problem. **Rachid** will consult with BNL department if they have a capability to fabricate the boards as a backup solution. The design and parts list are available in wiki:

https://wiki.bnl.gov/sPHENIX/index.php/Beam_Clock_Distribution_Board

o Micro-coax cable Radiation Test <Itaru>

- Irradiated about 1.7×10^{13} neutrons at RANS facility in RIKEN.
- No severe damage visibly within the first glance. Planning to take the cable out next Monday and move on to the routine tests in RIKEN test bench and TIRI.

- **Itaru** will let BCDB to go through the radiation test as well.

Best regards,

-itaru

On 2022/03/10 13:14, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

March. 10th Thursday 8PM in BNL = March 11th Friday 10AM in Japan = Friday 9AM in Taiwan

*indico

<https://indico.bnl.gov/event/15075/>

*Zoom

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

Best regards,

-itaru