

Dear all,

Here are the minutes of today's meeting.

o Summary of Single Ladder Performance <Cheng-Wei>

- **Cheng-Wei** will upload the ladder performance data on the web and make a link from the INTT wiki.
- The ladder databases are supposed to be united between BNL and Taiwan. **Genki, Milan, and Chen-Wei** should coordinate how to pursue them.

o Unpacker <Wei Xie>

- Consulted with Jin and figured out the numbering convention pre-defined in the reco-software. The unpacker will be developed to be consistent with these convention. The remaining convention to be determined is the ladder-ID which is to be correlated with the packet-ID assigned from the DAQ group.
- **Itaru** initiates the packet-ID to half ladder ID convention with a few proposals via e-mail. The discussion will be made from there.
- Software documentation will be managed by Takashi as he agreed previously. Any documentations to be exposed to outside INTT group should be uploaded to sPHENIX documentation database, not directly to wiki so that collaborators can easily search for the documentation. The instruction can be found here:

https://wiki.bnl.gov/sPHENIX/images/b/b6/DocumentManagement_v2.pdf

o Production Status <Itaru>

- The final lot BEX (24 cables) are expected to be delivered July 11th or so. **Itaru** will pursue the exporting paper works so that BNL crews can receive them before they take the vacation.
- Two pre-production beam clock boards (BCBs) were delivered and under test now. So far, the results are good. The cable mapping has to be straightened out though, there is anything fatal found so far which prevent us to move on to production.
- The BCB will be tested further in RIKEN while Itaru prepares paper works for exporting. Itaru will ship them two to BNL if all tests are completed by the pick-up date, otherwise send just one board to BNL.

o Feedback of Micro-coax <Rachid>

- **Itaru** will update the modification requests to the Hayashi-REPIC engineer.

- **Itaru** will arrange spare locks for GND/Power connector.
- Itaru sent out photos of bundling options for miacro-coax harness to the INTT mailing list. Any feedback from BNL crews will be reflected to the production version.

o Grounding of barrel <Rachid>

- Rachid explained the ground configuration of the barrel. Due to the weak conductivity between 2nd layer ladder PEEK and the aluminum end ring, noise condition is higher in the 2nd layer. non-uniform grounding between staves
- **Rachid/Genki** will update this topics once they found something new.

Regards,

-itaru

On 2022/06/29 18:23, Itaru Nakagawa wrote:

Deal all,

We'll have the weekly meeting in following time.

June 30th Thursday 9PM in BNL = July 1st Friday 10AM in Japan = Friday 9AM in Taiwan

*indico

<https://indico.bnl.gov/event/16357/>

*Zoom

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

Best regards,

-itaru

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