

Hi all,

Here is the minutes from today's meeting.

o BCDB configuration <Itaru>

- **Rachid** comes up with proposed beam clock distribution schematics for the Felix readout.

o Barrel Assembly <Rachid>

- All components are ready for the barrel assembly. The assembly starts as soon as next week.
- **Cheng-wei** starts sending Taiwan ladders and best ladders first regardless of barrel-2 (priority) and barrel-1 (2nd priority).
- Barrel assembly, cooling system, survey are proceeded in sequence, not in parallel.

o Micro - Coax prototype-II Test <Hikaru>

- Prototype-II conversion cables
- **Hikaru** will put identification stickers pasted on the cables before we ship them to BNL. Will send 4 prototype-II cables to BNL soon.
- **Itaru** will make sure to label identification numbers to the production conversion cables.
- **Hikaru** update the presentation slides with all calibration results including different length, types w/ BEX using the same ladder.
- The test was done with 2mA and 8mA. Even with 2mA, we never observed half entry issue.
- **Rachid** and **Geni** should take a look the transmission performance summary. Link to the Itaru's signal transmission study : https://wiki.bnl.gov/sPHENIX/images/9/9b/INTT_Cables_Performance.pdf

o Beam test analysis <Cheng-Wei>

- **Cheng-Wei** should reproduce beam angle dependent multiplicity distribution of 2021 beam test with the correct offset.
- ADC distributions of Felix readout don't seem right. Picked up clone events in Felix as well Felix readout is continued to be debugged.Cheng-Wei should re-evaluate the clone after Raul implements BCO_Full.
- **Genki** should provide better data to Cheng-wei to be analyzed.

o Production Status <Itaru>

- The updated delivery of the 3rd production of BEX is 46 cables in the mid June and 24 cables in the mid July.
- The first 2 preproduction BCB boards are to be implemented with model 70553-0001 (thinner gold plate) for the power connector and the rest of 18 boards are to be implemented with 70553-0106 (thicker gold plate).
- There are some ideas to be modified in the conversion cable prototype-II for the production, but they are relatively minor.

o Summer plan <Itaru>

- **Everyone**, please update the software task list and the travel schedule in google spreadsheet.

* Software task list

https://docs.google.com/spreadsheets/d/1PLKeqPAMxUJHRuPtY2yB_B-sZHPz8cDxUHkBgDfO4Zg/edit#gid=1908115135

* Travel Schedule

<https://docs.google.com/spreadsheets/d/19mHncED6ORXqv2N4TVZ12kvGjgqf92Ysrr8i0v4nPBM/edit#gid=0>

On 2022/06/02 4:42, Itaru Nakagawa wrote:

Deal all,

Sorry the indico link was not up to date in the announcement. Here is the correct link.

June 2nd Thursday 9PM in BNL = June 3rd Friday 10AM in Japan = Friday 9AM in Taiwan

*indico

<https://indico.bnl.gov/event/16140/>

*Zoom

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

Best regards,

-itaru

On 2022/06/01 15:22, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

June 2nd Thursday 9PM in BNL = June 3rd Friday 10AM in Japan = Friday 9AM in Taiwan

*indico

<https://indico.bnl.gov/event/15909/>

*Zoom

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

Best regards,

-itaru

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