

Hi all,

Here is the minutes of the meeting today.

--- Source Test Fixture Design Update <Han-Sheng> ---

- **Han-Sheng** modifies the design to align the ladder support aluminum frame w.r.t the source without modifying the BNL design. No design change in the ladder supporting aluminum frame, no new screw holes. Need to expand the width of the top fixture to utilize the existing screw hole of the ladder support aluminum frame. Similar system to the BNL designed ladder transportation box can be used to mount the aluminum frame.

- The dark box for the source tests are to be prepared in each institutes **NWU, BNL, and Taiwan**, respectively. The box won't be provided from RIKEN.

- **Takashi** send the NWU dark box picture to the mailing list. -> done, thanks to Takashi.

--- Progress Report <Itaru>

- There found the open conductivity in the thruholes we observed open in the voltmeter measurements. We also found a concern in the quality of the copper plating of the thruholes in the Module-70. The thickness of the plating appears to be not constant from the top to the bottom of the thruhole. This leads to the hypothesis that the multiplicative effect as the cause of the open conductivity of the thruholes, i.e. relatively poor copper plating and the shock of the wirebonding. **Itaru** will try to map out this low quality thruhole copper plating and the HDI batches.

- **Itaru** will hold the HDI shipping to BNL for at least a week to wait for the outcome of the above investigation.

- What to do with delivered HDIs? Don't use HDIs from batch-1B for now.

- The stave with 3.000 outer diameter carbon tube is found to have a leak in BNL. **Itaru** will investigate with Asuka what is the safe outer diameter to be a leak free tube using unused tubes remaining in Asuka from October-5th delivered Batch-1 tubes.

- Following Yasuyuki's suggestion, **Rachid** should go ahead and pursue the \*twist\* test for batch-1 staves a using something like torque ranches, which you can control and quantify the torque. The outcome of this test can be applied to batch-3 stave production.

- **Itaru** will summarize the 1008 ROC testing plan in the next meeting and man power estimation for BNL option in this Summer.

--- Outcome from the review <Rachid> ---

- To be finish at least 56 good ladders by the end of May.

- Milan extends his stay until the end of April. Milan should proceed the paper work.

Best regards,

-itaru

On 2021/03/03 10:35, Itaru Nakagawa wrote:

Dear all,

We will have the INTT weekly meeting.

**March 3rd Wednesday, 8PM in Eastern time = 4th Thursday 10AM in Japan = 9AM in Taiwan**

\*indico

<https://indico.bnl.gov/event/10975/>

\*BlueJeans

<https://bluejeans.com/259237842>

Best regards,

-itaru

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