

Minutes of the 42nd Machine-Time Committee Meeting

Date and time: March 24, 2011; 13:30–14:50

Place: RIBF Bldg., Room 203

Attendees: Sakai^a (Chair), Abe^a, En'yo^{a,†}, Fukunishi^a, Kambara^{a,†}, Kamigaito^a, Kase^a, Kubo^a, Morita^a, Motobayashi^{a,†}, Sakurai^a, Shimoura^b, Ueno^a, Uesaka^{b,†}, Uwamino^a, Wakasugi^a, Yamaguchi^b (on behalf of Kubono)

Absent: Kubono^b, Teranishi^{c,†}, Yoshida^{a,†}

^aRNC / ^bCNS / ^cRIBF-UEC / [†]observer
(in no particular order)

Reports

1. Beam-time schedule changes (Ueno)

- The following two beam times (BTs) were canceled due to the earthquake.
 - ML0901-RRC20-7 (M. Izumi), Mar./11/9:00 – 18:00
 - NP0702-RRC01-26 (M. Wada), Mar./12/21:00 – Mar/14/9:00
- Also, the following two BTs have been suspended.
 - ¹²⁴Xe-beam commissioned with SRC scheduled from March 14
 - Official facility inspection of RILAC2
- The following two BigRIPS-related BTs were canceled, because there is no possibility of re-scheduling these BTs until October even if the currently scheduled rolling power outages are terminated in a relatively short period of time. Details were discussed on the two BTs.
 - NP0906-RIBF16-2 (T. Kobayashi), Apr./8/21:00 – Apr./11/21:00
 - NP0906-RIBF07-1 (E. Ideguchi), Apr./30/21:00 – May/4/21:00

2. Status of the PAC meetings (Sakai)

- 9th NP-PAC: The call-for-proposals will be announced as usual, although the schedule has been delayed while plans for BT changes until October are being discussed. In the call-for-proposals, the SAMURAI spectrometer will be newly added as RIBF experimental equipment and the description of CRIB will be removed.

Topics discussed

1. Approval of the minutes of the 41st meeting (Sakai)

2. FY2011 first half-year BT schedule changes

- BT plans if the rolling blackouts are not terminated (Sakai)
 - Only the experiments for which electric power can be fully covered with the in-house cogeneration system (CGS) can be scheduled until some later date (no beam tests / experiments can be conducted with SRC).
 - RIBF operation will be partially restarted from April 2 (Sat.) with the SHE experiment on Saturday/Sunday and on weekday nights under the CGS parallel-off mode. However, if a cut in

electric power is requested urgently by the Facility Management Section, the BT will be suspended under the CGS grid interconnection mode.

- The BT for radiation biology experiments should be scheduled for early May or before so the irradiated seeds can be supplied in time for rice planting. The allocation of this BT will be determined soon in consideration of the supply and demand of CGS power.
- BT plans if the rolling blackouts are terminated in a relatively short period of time (Ueno).
 - BT plans if the blackouts are terminated by (a) the middle of April, (b) the beginning of May, and (c) the middle of May were discussed. In any of these cases, the cooling of SRC/BigRIPS takes one month and RIBF performance tests take another three weeks. After these steps, (a) two AVF-injection BTs, (b) one AVF-injection BT, and (c) no BT, could be scheduled as BigRIPS-related experiments.
- It was approved to cancel the BigRIPS-related BTs with a ^{124}Xe beam originally allocated for May, because there is no chance of BT allocation in view of the situation described above.

4. Member changes of the MT Committee (Sakai)

- The following member changes were determined.
 - New Chief Scientist Uesaka was appointed by the RNC director En'yo as a new MT Committee member from April, as provided in Article 4-(9) of RIBF MT Committee Bylaws.
 - New Team Leader Haba was appointed by the MT Committee Chair Sakai as a new observer from April, as provided in Article 5 of RIBF MT Committee Bylaws.

5. Other issues

- The Super ECR ion source equipped with AVF was damaged by the earthquake. Only Hyper ECR can be used for AVF-use experiments until it is repaired (Kase).
- It was requested to put Q magnets, which had been moved for a BT scheduled for early April, back to the dispersion-matching beam line (Kubo). This request was approved, since the possibility that this BT is scheduled before a SHARAQ experiment has disappeared.
- The Safety Committee Meeting, stopped due to the earthquake, will be held again on March 29.

6. Next meeting

The next MT Committee meeting will be held on Friday, April 15, 2011, at 13:30.