

Beam Commissioning Working Group

Minutes for 26 July 2019

Present: G. Rumolo, A. Huschauer, S. Albright, R. Alemany Fernandez, H. Bartosik, D. Cotte, J. Coupard, A. Lasheen, K. Li

Meeting objectives

Discussion of IST scheduling across the complex

Approval of Minutes and Matters Arising - A. Huschauer

The minutes of the 12th of July are approved without comment.

Status of IST Scheduling - J. Coupard

Presentation

- Linac4 schedule is complete, PSB first draft is complete and to be reviewed with the recommissioning coordinators, the PS and SPS are still missing some information to complete the first draft.
- BTP and ion transfer line ISTs should be covered by the PSB and Linac3/LEIR commissioning working groups, but need to be included in the PS schedule as they will potentially impact PS work.
- The end of July deadline will be missed for some machines, it is requested to delay the first draft to the end of September, the group extraction to mid-October, and the identification of conflicts to the end of October.
- Due to the unusual requirements for line closures as different machines start up, it will be necessary to take extra care when considering work in these areas.

Discussion

- A. Huschauer asks D. Cotte if the PS are missing much input from equipment groups. D. Cotte says there is not much, about a week is required after F. Pedrosa returns from holiday.
- D. Cotte asks J. Coupard what is missing for the BTP line, J. Coupard says the information will be available, it is just necessary to ensure it is included in both the PS and PSB schedule because it affects both machines. J. Coupard says in these cases they have in the past modified the access system to recognise that it affects both areas, which can be done for operation as well if needed.
- A. Huschauer asks about the status of East Area. D. Cotte says only F61 is important for PS commissioning due to proximity to the ring, the other lines can be handled separately. J. Coupard says it is important to discuss the schedule with the experimental area because if parts are within the access area of the PS it may still have an impact, this confirmation should come from the experimental areas. A. Huschauer asks if this is part of the PS scheduling, J.

Coupard says that as long as the information is available and can be compared to the schedule in some way it is not important how. J. Coupard proposes giving deadlines to the experimental areas for when information is required for the IST and commissioning scheduling.

- J. Coupard says for the LHC/SPS commissioning the transfer line is handled within the EN-ACE group, so they will handle it. In the past there has been need for LHC access during SPS commissioning, so special care will be taken to avoid that after LS2.
- R. Alemany Fernandez says the LEIR ISTs are ready, J. Coupard says that it will therefore be included in the overall schedule.
- A. Huschauer asks who is responsible for AD, J. Coupard says it will be EN-EA.

AOB

Synergies for the Different TFB Systems - A. Huschauer

Presentation —

- There is a need for a software developer to collaborate with machine experts to design suitable software for use across the complex.
- A common GUI across all machines, with machine specific tabs is the objective.
- Some FESA and firmware modifications are required, to be discussed with the RF group.

Discussion —

- H. Bartosik asks if G. Kotzian is responsible for all TFBs, A. Huschauer says that the responsibility needs to be clarified with BE-RF.
- H. Bartosik asks if the PS already had an application, D. Cotte says they had an inspector panel to control a few working set knobs, but not a specific application.
- K. Li says connecting the TFB to the BIS should be possible, but it requires sufficiently strong justification. D. Cotte says cutting a single beam with the BIS may be difficult, and perhaps the SIS is a better system to use for that.
- K. Li suggests interlocking with the TFB may be a dedicated subject in it's own right.