

 GSI – Protocol	Nr.: 20190813, 14:00 – 15:30
Machine Meeting (MM)	Chair: M. Bai
Distribution	Machine coordinators and their deputies, departments leaders accelerator, participants, Management board
Participants	S. Litvinov, R. Hollinger, Z. Andelkovic, H. Vormann, N. Pyka, S. Mickat, U. Weinrich, D. Severin, C. Scheidenberg, S. Reimann, L. Groening

Important: I = Information D = Decision AI = Action Item	<p style="color: red; margin: 0;"><u>Confidentiality Notice</u></p> <p style="color: red; margin: 0;">It is requested not to scatter the protocols over the predetermined distribution circle or leave them on the publicly available printers.</p>
1	Agenda
	<p>1) Approval of meeting minutes</p> <p>2) Follow-up of action items</p> <ul style="list-style-type: none"> ○ Special update: GSI ACC beam parameter status: L: Groening <p>3) Status update: all</p>
2	Update
	<p>Follow-up: see in the Open Action section</p> <p>GSI ACC beam parameter status http://indico.gsi.de/event/9282/contribution/1/material/slides/2.xlsx Lars presented the best achieved GSI beam parameters he collected either from the feedbacks or from public information. The details are in the above link. All MKs are required to proof read and let Lars know whether there should be revision. In case no feedback from MK, it is assumed that the corresponding beam parameters are confirmed and this will be then presented to the top management and subsequently shared with all review committees. Action: Feedback and confirm the achieved beam parameters</p> <p>During the discussion, it is clear that all the beam parameters collected so far are not yet coherent end2end. To do so, we need to launch campaign through out the chain. Action: operational beam parameter, status of archived data from past operations including the status and plan for archived data for FAIR phase 0</p> <p>Operations (OPE): https://indico.gsi.de/event/9255/contribution/12/material/slides/0.pptx Shutdown: Most of the activities on schedule. Two most outstanding is 1) LEBT QQ 2) e-cooler LHe issue. For details, please see the report UNILAC and Decelerator, respectively. Engineering run plan: updated version at http://indico.gsi.de/event/9282/contribution/3/material/poster/0.xlsx</p>
	<p>L. Groening</p> <p>All MKs</p> <p>S. Reimann</p> <p>S. Reimann</p>

<p>Beam studies received are now available at Action: Review of all Beam study proposals by MKs at the Machine Meeting on August 20. Confirmed ones will then be scheduled in the Engineering Run plan</p> <p>2020 General plan is proposed. On Aug. 19. meeting with TGF on the topic</p> <p>Ion Sources status report: No critical issues.</p> <p>UNILAC status report: http://indico.gsi.de/event/9282/contribution/11/material/slides/0.pptx -- HSI RFQ measurements finished, evaluation ongoing (M. Vossberg). RFQ will be put back into beam line when QQ tube end flange is welded. -- LEBT QQ Plan B-tube inserted. End flange to be welded. After that: RFQ back to beam line. Action: Post mortem report on the LEBT QQ tube issue as well as the magnet overheating without beam tube</p> <p>UNILAC post stripper upgrade: http://indico.gsi.de/event/9282/contribution/1/material/slides/0.pdf FOS progresses well. Details in the report.</p> <p>SIS18 status report: Absence http://indico.gsi.de/event/9282/contribution/10/material/slides/0.pptx Most operation related items are okay except the transformer which serves the SIS18 quadrupole power converter is procured Action: Clarify the problem with transformer which serves the SIS18 quadrupole power converter, and what's the impact to upcoming beam time Action: provide beam parameter of SIS18 to Lars Action: send collected SIS18 beam study proposals to S. Reimann so that all the proposals can be uploaded asap.</p> <p>HEST status report: No major issues regarding upcoming beam time. Investigating the situation of HHD development. More discussion during HEST budget discussion</p> <p>FRS status report: No presence</p> <p>ESR status report: No major issues. Working progress w.r.t storage ring development esp. planned dry run in Sept. It was discussed regarding the hand shake between ESR and CRYRING. Zoran and Sergei will take the lead to come up a coherent list regarding the storage ring dry run activities, such as beam pattern, etc.</p> <p>CRYRING@ESR status report: http://indico.gsi.de/event/9282/contribution/4/material/slides/0.pptx</p>	<p>R. Hollinger</p> <p>H. Vormann</p> <p>L. Groening</p> <p>P. Spiller</p> <p>J. Stadlmann P. Spiller</p> <p>M. Sapinski</p> <p>S. Litvinov</p> <p>Zoran</p>
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	<p>Despite of all attempts and progresses with its e-cooler cyro system, it is still not at the ideal level. With this condition for Physics run 2020, it means more down time has to be planned in order to re-fill the LHe.</p> <p>CW-LINAC demo: Absence</p> <p>COMM systems: Absence</p>	
3	Discussion	All
4	Open Action items	
	<ul style="list-style-type: none"> • Achieved Beam parameters of GSI Accelerator facilities <ul style="list-style-type: none"> ○ pending on the feedback from MKs <ul style="list-style-type: none"> ▪ responded MKs: M.Steck • Installation of cryo interface that will block the use of HLI should be planned to avoid in Nov. to avoid impact on the Engineering run plan • Risk registration list: for each item, the MKS are asked to provide the following information: <ul style="list-style-type: none"> ○ technical name of the system or component ○ probability of the failure and its impact including duration of loss of operation as well as financial loss if applicable ○ counter measure including involved budget if possible <p>S. Wielsch list is available at https://indico.gsi.de/event/8626/contribution/0</p> <p style="color: blue; font-weight: bold;">All lists are delivered to SW.</p> • Invite the spill cavity expert P. Hülsmann to give a brief report on the commissioning plan of the spill cavity 	<p>L. Groening</p> <p>W. Barth</p> <p>All MKs</p> <p>J. Stadlmann</p>
	Any other business	
	<ul style="list-style-type: none"> • <u>Next Machine Meeting</u>: August 20, 2019. status update, 14:00—15:30 <ul style="list-style-type: none"> ○ Approval of meeting minutes ○ Follow-up of action items ○ Dedicated discussion on Beam Studies 	