

 GSI – Protocol	Nr.: 20190709, 14:00 – 15:30
Machine Meeting (MM)	Chair: M. Bai
Distribution	Machine coordinators and their deputies, departments leaders accelerator, participants, Management board
Participants	M. Steck, H. Vormann, L. Groening, R. Hollinger, U. Weinrich, Z. Andelkovic, G. Schreiber, W. Barth, S. Reimann

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
	<ul style="list-style-type: none"> • Approval of meeting minutes • Follow-up of action items • Special topics: <ul style="list-style-type: none"> ○ GSI ACC AIP resource request process: Udo • Status update
2	Update
	<p>Follow-up: see in the Open Action section</p> <ul style="list-style-type: none"> • MSP server <ul style="list-style-type: none"> ○ download: all – ESR, IQ ○ server permission: none, except SR and Udo <p>Action: clarify the cost</p> <p>Reminded all MKs for the GSI ACC beam parameter task that Lars is coordinating. At the moment, only Markus Steck gave the feedback. Mei asked Lars to re-send his initial email to all MKs as a gentle reminder</p> <ul style="list-style-type: none"> • missing: SIS18, CRYRING, HEST • Action: reminder from Mei to SIS18 MK <p>Operations (OPE): https://indico.gsi.de/event/9092/contribution/1 Engineering schedule includes now the HSI RFQ conditioning commissioning "Engineering-Run2019_draft.xlsx"</p> <p>Shutdown: Overall progressing well, except the resource issue w.r.t. prioritized activities. At the moment, activities that are required to ensure the planned beam time are declined while resources are spent on non-priority 1 items.</p> <p>Mei Bai shared with conveners the approved statement from Management board: priority is goal based, and installation activity that is non-critical for upcoming beam time or on critical path of FAIR execution should not be pursued, if the same resources are also required for critical activities</p>
	<p style="text-align: right;">Mei, Udo</p> <p style="text-align: right;">S. Reimann</p>

<p>Beam studies received are now available at https://www.gsi.de/work/beschleunigerbetrieb/dokumente/gsi_beam_experiment_machine_development.htm</p> <p>2020 General plan is proposed. On Aug. 19. meeting with TGF on the topic</p> <p>Ion Sources status report: https://indico.gsi.de/event/9092/contribution/7 All activities are on track.</p> <p>UNILAC status report: https://indico.gsi.de/event/9092/contribution/9 UNILAC shutdown works are progressing well. FOS is also progressing well</p> <p>Regarding LINAC RF area readiness for safe operation: Bernard expressed his concerns. In particular, he mentioned 1) carrying ongoing roof work when LINAC RF in operation is a safety concern 2) the moisture in the Luftungsanlage is another serious concern. Nevertheless, he also mentioned it is very difficult to estimate the risk probability and impact. And, the only way to make sure operation can be carried out safely is to give Luftungsanlage colleagues ample time (4 to 6 month) to finish what they need to do before start the operation</p> <p>Action item: Technical summary report on this topic by end of July</p> <p>SIS18 status report: No Presence</p> <p>HEST status report: See the report from Operations at https://indico.gsi.de/event/9092/contribution/1</p> <p>FRS status report: None</p> <p>ESR status report: No issues. All shutdown activities are progressing accordingly</p> <p>CRYRING@ESR status report: http://indico.gsi.de/event/9092/contribution/2 e-cooler work continues. Encouraging, yet not conclusive. Preparation for Sept. user beam time is progressing accordingly. Bake out work for YR09 is coordinated and thanks for the generously support from VAC, a temporary solution found to allow the planned the beam time. Long term solution has been discussed together with TGF</p> <p>CW-LINAC demo: http://indico.gsi.de/event/9092/contribution/10</p> <ul style="list-style-type: none"> - set up of new test bunker ongoing: Production of two shielding bricks at HochTief - Upgrade of access to the test area ongoing: Second access staircase and AEB-access door installed - tender for solenoids finished - bidder competition for rf-amplifiers ongoing - Start procurement procedure of ultrapure niobium for two sc-rebuncher cavities 	<p>R. Hollinger</p> <p>L. Groening H. Vormann</p> <p>B. Schlitt</p> <p>B. Schlitt G.Schreiber</p> <p>M. Steck</p> <p>Z. Andelkovic</p> <p>W. Barth</p>
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	<ul style="list-style-type: none"> - Delivery of MESA-cryomodule delayed by more than 2 months => Revised planning/preparation of first demonstrator cold test at HI-Mainz - Z-Buncher still under revision <p>COMM systems: None</p>	
3	Discussion	All
	<p>ACC AIP planning discussion led by Udo</p> <ul style="list-style-type: none"> • Slides at http://indico.gsi.de/event/9092/contribution/3 • Main point is that for AIPs, each PI of ongoing upgrade projects should also establish corresponding MSP in addition to the established FACT sheet. <ul style="list-style-type: none"> ○ For each activity, resource loaded if possible ○ For each activity, please refer to the FAIR project definition if possible ○ Forward planning(bis 2022) if possible ○ In case need help for putting together MSP, two colleagues from FAIR PMO can help • Would like to have all AIPs in MSP by end of Sept. 	
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 • Feedback from AGO on a date of reviewing storage ring mode development status. This should be far before Sept. Tentatively end of June <ul style="list-style-type: none"> ○ July 4th • 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> <ul style="list-style-type: none"> ○ delivered so far: UNILAC, HEST, ESR ○ to be delivered: IQ, SIS18, and CRYRING <ul style="list-style-type: none"> ▪ IQ: Ralph check with Klaus, not yet received response regarding last year input ▪ CRYRING: FH is waiting for the response from SW ▪ SIS18 to be followed • 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>R. Baer Done!</p> <p>All MKs</p> <p>J. Stadlmann</p>
	Any other business	
	<ul style="list-style-type: none"> • <u>Next Machine Meeting</u>: July 16, 2019. status update, 14:00—15:30 <ul style="list-style-type: none"> ○ Approval of meeting minutes ○ Follow-up of action items: 	

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	○ Status update	