

 GSI – Protocol	Nr.: 20190625, 15:00 – 16:30
Machine Meeting (MM)	Chair: M. Bai
Distribution	Machine coordinators and their deputies, departments leaders accelerator, participants, Management board
Participants	S. Litvinov, H. Vormann, L. Groening, R. Hollinger, U. Weinrich, P. Gerhard, M. Lestinsky, N. Pyka, G. Schreiber, W. Barth, M. Vossberg, S. Reimann, M. Schwickert

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 Special discussions on Engineering run planning Status update
2	Update
	<p>Follow-up: see in the Open Action section</p> <p>Operations (OPE): status_report_MM_20190625.pptx https://indico.gsi.de/event/9069/contribution/9 Shutdown: outstanding issue is the Non-priority shutdown tasks Engineering run 2019: shift planned. And, version 2 plan is available on the June 4 MM indico site. Action item: integrate the HSI RFQ commissioning plan to the Engineering plan. Beam studies received are now available at https://www.gsi.de/work/beschleunigerbetrieb/dokumente/gsi_beam_experiment_machine_development.htm 2020 General plan is proposed</p> <p>Ion Sources status report: https://indico.gsi.de/event/9069/contribution/3 All activities are on track.</p> <p>Discussion:</p> <ul style="list-style-type: none"> Engineering run will start with Ar, and planned to have Uranium towards the last two weeks of the run. The stability of U5+ can only be found out at the beginning of Engineering run It is preferred by the UNILAC HSI RFQ team to have Bi4+ <p>UNILAC status report: https://indico.gsi.de/event/9069/contribution/5 All HSI RFQ tanks are now with new electrodes. LEBT QQ beam pipe proceeds accordingly. UNILAC UHV also progresses well. At the moment, the infrastructure work (GA) in the LINAC RF area is planned to be done by July 26. Corresponding working groups are notified. Team is following up closely with the GA and campus development colleagues</p>
	<p>S. Reimann</p> <p>R. Hollinger</p> <p>RH, PG, WB, SR</p> <p>L. Groening P. Gerhard H. Vormann G. Schreiber</p>

	<p>SIS18 status report: https://indico.gsi.de/event/9069/contribution/4 Additional SIS18 beam activities are not yet delivered. A new colleague just joined SIS18/SIS100 system department (DO) to work on the digitization of the SIS18 Schottky. Comments from Marcus Schwickert: BEA has been providing digitized signal/data for all ring Schottky monitors. This effort seems to be in repetition. Comments from Mei Bai: at the same time, the digitization project that was launched by Ralph Steinhagen together with R. Baer has no progress made so far</p> <p>HEST status report: None</p> <ul style="list-style-type: none"> ▪ HEST: BI-upgrade for Mini CBM progressing well, transfer measurement planned for June 25th → installation starts sub sequentially, critical: BIG for wall openings → need to be finished till 26. Aug. because installing of cables is scheduled fix <p>FRS status report: None</p> <p>ESR status report: No major issues. Risk assessment is also done. Experimental setup that requires VAC support is delayed. No impact yet.</p> <p>CRYRING@ESR status report: Bake-out of the dipole chamber is done. New EZR from Gissen is now at GSI. E-cooler is still in working progress. Two latest attempts to fixed the cryo problem failed. One more attempt with different approach. To be updated.</p> <p>CW-LINAC demo: https://indico.gsi.de/event/9069/contribution/6 Preparation towards advanced demo, both GSI and HIM. details see the document at indico</p> <p>COMM systems: BEA: routine shutdown maintenance, no major issues</p>	<p>N.Pyka P. Spiller</p> <p>S. Reimann</p> <p>M. Steck</p> <p>M. Lestinsky</p> <p>W. Barth</p> <p>M. Schwickert</p>
3	Discussion	All
	See the comments, actions in the section above	
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 ACO 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 • coordination of ESR re-commissioning and CRYRING commissioning with ESR beam 	<p>L. Groening</p> <p>W. Barth</p> <p>R. Baer</p> <p>M. Bai</p>

	<ul style="list-style-type: none">o Done. Meeting of Mei, Frank, and Sergey <ul style="list-style-type: none">• Risk registration list: for each item, the MKS are asked to provide the following information:<ul style="list-style-type: none">o technical name of the system or componento probability of the failure and its impact including duration of loss of operation as well as financial loss if applicableo 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">o delivered so far: UNILAC, HEST, ESRo 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	All MKs
	<ul style="list-style-type: none">• Invite the spill cavity expert P. Hülsmann to give a brief report on the commissioning plan of the spill cavity	J. Stadlmann
Any other business		
	<ul style="list-style-type: none">• <u>Next Machine Meeting:</u> June 18, 2019. status update, 14:00—15:00<ul style="list-style-type: none">o Approval of meeting minutes: 5minso Follow-up of action items: Achieved Beam parameters of GSI Accelerator facilities by Larso Status update	