

 GSI – Protocol	Nr.: 20190205, 14:00 – 15:30
Machine Meeting (MM)	Chair: M. Bai
Distribution	Machine coordinators and their deputies, departments leaders accelerator, participants, Management board
Participants	S. Reimann, D. Severin, U. Weinrich, R. Hollinger, S. Litvinov, Z. Andelkovic, P. Gerhard, L. Groening, C. Dimopoulou, G. Schreiber, W. Barth

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>-- Approval of meeting minutes https://indico.gsi.de/event/8427/material/minutes/0.pdf</p> <p>-- Status update from all MKs 1) status report of linac RF preparation by G. Schreiber 2) operation status/plan from S. Reimann 3) machine readiness from all MKs</p> <p>-- Open Action Items followup: all</p>
2	Update
	<p>-- Open Action Items followup: Shutdown priority list https://sf.gsi.de/f/cfaec80dda27438c8135/ It was briefly discussed. And, the definition of priority was reminded. The priority purely reflects the fact the commitment of carrying of the requested activity in summer 2019 from resource and technical readiness point of view. It does not reflect the importance of activity. For more details, please see the previous meeting minutes or the above link. The detailed day to day coordination of the committed shutdown activities is carried out by Petra and her colleagues in the ACC::Ops department.</p> <p>As for summer 2019 shutdown activity planning, there are following items need to show their technical readiness: 1) LEBT QQ beam pipe replacement 2) SIS18 spill cavity</p> <p>Action: status update on the spill cavity and preliminary installation plan In mid March</p> <p>Operations: https://indico.gsi.de/event/8450/contribution/1 Winter shutdown is closed. Summer shutdown priority items are identified and planned accordingly. Machine preparation towards operation is progressing well. The beam setup plan is drafted with machine developments included http://indico.gsi.de/event/8450/contribution/1/material/poster/0.pdf</p>
	<p style="color: red; margin: 0;">J. Stadlmann/P. Husmann</p>

<p>Physics programs: no change</p> <p>Ion Sources status report: Source for Sn is prepared for operator training. Request on Ar beam on Feb. 13 will require dedicated effort of IQ. Prepared CORDIS for FRANZ per request of GUF.</p> <p>SIS18 status report: SIS18 winter shutdown finished. Survey done, similar to last time. No needs for realignment.</p> <p>UNILAC status report: http://indico.gsi.de/event/8345/contribution/5 LINAC RF: RFQ coupling loop was broken and resulted water leak. Subsequently found the flange of the RF power line was broken. RFQ conditioning is restored. Most okay, but slight increase of deflected power. Maximum voltage 5.8v. Recommendation is not to exceed. Impact on the end of run study on HSI RFQ? HLI RF Sendungswagen hiccup. Alvarez A1, 2 reached 4ms pulse (user demands). A3 in progress. A4 short pulse only.</p> <p>FoS progresses as planned. Z7 is ready</p> <p>UHV controls of UNILAC (excluding TK and experimental area) upgrade is on track</p> <p>HSI RFQ electrode+carrier-rings production on track</p> <p>HEST status report: Installation of new camera in TH2DK8 done. Primarily on optics work: MIROKO (old ME program ie legacy settings) to LSA (MS). The optics practised during the last ER is available.</p> <p>FRS status report: absence</p> <p>ESR status report: No particular issues at the moment. Nevertheless, it is not clear whether the status of the ESR control allows its commissioning with beam in parallel to the beam time operation.</p> <p>Action: update on ESR/CRYring commissioning requirements and status in two weeks (end of Feb)</p> <p>During the discussion, the topic of digitizing the analogue signals was brought up. This has been an activity (budget request) for the ESR as well as other machines including SIS18. Nevertheless, ESR commissioning is still only scope based.</p> <p>Action: Analog signal digitization of GSI facilities project status update in March 2019</p> <p>CRYRING@ESR status report: http://indico.gsi.de/event/8450/contribution/2</p>	<p>MS/FH/CD</p> <p>J. Stadlmann/R. Steinhagen</p>
--	---

	<p>CW-LINAC demo: LHe transfer line installation for the CW-LINAC advanced demonstrator is expected to take 4 consecutive weeks and is now aiming for Nov this year. Since this installation requires to access the HLI hall, this can interfere with the upcoming Engineering run beam time.</p> <p>Action: please provide further information on the installation planning. The team also has to touch base with the campus development to avoid potential collision.</p> <p>COMM systems: No presence ACO: BI:</p>	<p>W. Barth</p>
3	Discussion	all
4	Decisions	
5	Open Action items (existing ones not discussed in the meeting)	
	<ul style="list-style-type: none"> • develop the commissioning plan of the SIS18 spill structure cavity. Expect report at the Nov. 6 machine meeting <ul style="list-style-type: none"> ○ presentation scheduled in the MM about one month later • Analog signal digitization of GSI facilities project status • ESR/CRYring commissioning requirements and status • <i>meeting with HADES team on 12th of December to decide on HADES user schedule in user beam time 2019 done, but no reported yet</i> • new: communication of updated overview list of ACC activities to machine coordinators and other colleagues <ul style="list-style-type: none"> ○ this will be upgraded to the latest technique of sharing files safely as soon as GSI IT allows. R. Bär will keep us informed. • Technical limitation of GSI existing facilities • Survey construction waste falling from ceiling onto cavity A1 	<p>J. Stadlmann/P. Husmann/Spill quality experts</p> <p>JS/RS</p> <p>MS/FH</p> <p>D. Severin</p> <p>All MKs</p> <p>All MKs P. Gerhard</p>
	Any other business	
	<ul style="list-style-type: none"> • <u>Next Machine Meeting:</u> Feb. 12, 2019. status update, hosted by S. Reimann 14:00—15:30 <ul style="list-style-type: none"> ○ Approval of meeting minutes: ○ Status update 	