

 Protocol	Nr.: 20190312, 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, M. Steck, F. Herfurth, P. Gerhard, G. Schreiber, M: Schwickert, S. Wielsch, J. Stadlmann

Important: I = Information D = Decision AI = Action Item	<u>Confidentiality Notice</u> It is requested not to scatter the protocols over the predetermined distribution circle or leave them on the publicly available printers.
1	Agenda
	<ul style="list-style-type: none"> -- Approval of meeting minutes https://indico.gsi.de/event/8518/material/minutes/0.pdf -- Shutdown 2019 status Petra -- Operation Status update S. Reimann/D. Severin all MKs -- Continue discussions on current capabilities: MBai + All -- Open Action Items follow-up: all
2	Update
	<ul style="list-style-type: none"> -- Open Action Items follow-up: <p>Action: Sven will upload the existing list that was collected for evaluating risk of 2018 beam time. It will be reviewed by all MKs. In 3-4 weeks, a joint review in the MM to update. For each item, the MKS are asked to provide the following information:</p> <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>https://indico.gsi.de/event/8626/contribution/0</p> <p>Action: status update on the spill cavity and preliminary installation plan In mid March. Details to be uploaded soon</p> <p>Action: Analog signal digitization of GSI facilities project status update in March 2019 No reporting from JS&RS on this topic. From M. Steck, for ESR 100k in 2019 was planned. Orders was recently placed. ESR AGE digitization budgeted in 2018. About 20k-40k spent</p>
	<p>Sven, MKs</p> <p>J. Stadlmann/P. Husmann</p> <p>J. Stadlmann/R. Steinhagen/MS</p> <p>M. Steck</p>

<p>for ESR AGE digitization. So far, no results were not shown. Follow-up status and plan for implementation should be reported by Mr. Steinhagen.</p> <p>Action: Schedule a presentation by RS on SIS18 and ESR, April 9, 2019 (TBC)</p> <p>Action: For each MK, please contact all relevant technical groups/departments regarding the amount of FTE required for routine maintenance for the operations</p> <p>Operations: https://indico.gsi.de/event/8626/contribution/10 Besides usual technical hiccups, no major issues and beamtime has been going smoothly. Beam-on-target so far is about 78%. For details, please see the report at the above link</p> <p>Physics programs: No report No major issues. See the information above on Operations.</p> <p>Ion Sources status report: No report IQ running smoothly for the beam time. No major issues</p> <p>SIS18 status report:</p> <ul style="list-style-type: none"> • Ordered IPM parts for next beam time. Goal is to install during this shutdown. <ul style="list-style-type: none"> ○ As this IPM is not the critical for ongoing beam operation, its priority for the shutdown planning has been rated as 4, which means 'should be done if resource is available'. Similar for the new TS1MU1 installation • Agreed to upload a brief report on the status update regarding the spill cavity and preliminary installation plan <p>UNILAC status report: No report In operation</p> <p>HEST status report: No report In operation</p> <p>FRS status report: Absence</p> <p>ESR status report: No report The timing issue that has been blocking ESR commissioning with beam has been partially mitigated. The ESR work with beam is about to get started.</p> <p>CRYRING@ESR status report: No report In operation with beam</p> <p>CW-LINAC demo: Absence</p> <p>COMM systems: ACO:</p>	<p>Jens</p> <p>All MKs</p> <p>S. Reimann</p> <p>D. Severin</p> <p>R. Hollinger</p> <p>Jens</p> <p>P. Gerhard</p> <p>S. Reimann</p> <p>M. Steck</p> <p>F. Herfurth</p> <p>M. Schwickert</p>
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	<p>BI: The to-be installed SIS18 IPM (see the SIS18 report part above) is the prototype IPM for SIS100. Test with beam is required for finalize the technical specs for ordering the SIS100 IPM</p>	
3	Discussion	All
	<p>Mei and Mr. Wielsch shared with the participants the risk reporting needs of GSI. For more details, please see https://indico.gsi.de/event/8626/contribution/0/material/slides/0.pdf. In short, we agreed that</p> <ul style="list-style-type: none"> • The goal of this risk registration exercise is to identify risk items that could jeopardize our operation, which is defined as <ul style="list-style-type: none"> ○ no operation for > 2 weeks and/or financial loss of over 100k Euros • All MKs are asked to provide a top 10 risk items, and Mr. Wielsch will then further condensate these items to a top 10 list risk items for the GSI/FAIR management reporting <ul style="list-style-type: none"> ○ Action: To get started, Mr. Wielsch will first share with us the list that he collected about a year ago. MKs will review and update accordingly. 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 	
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	

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	<ul style="list-style-type: none">• <u>Next Machine Meeting:</u> March. 26, 2019. status update, 14:00—15:30<ul style="list-style-type: none">○ Approval of meeting minutes○ Follow-up of action items○ Status update○ Others	