

 Protocol	Nr.: 20190521, 14:00 – 15:30
Machine Meeting (MM)	Chair: M. Bai
Distribution	Machine coordinators and their deputies, departments leaders accelerator, participants, Management board
Participants	D. Severin, M. Steck, H. Vormann, L. Groening, M: Schwickert, R. Bär, O. Geithner

Important: I = Information D = Decision AI = Action Item	Confidentiality Notice 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 Follow-up of action items Status update 	
2	Update	
	<p>Followup</p> <ul style="list-style-type: none"> Risk registration: all MK deliver ASAP by May 21, 2019 <ul style="list-style-type: none"> delivered so far: UNILAC, HEST, ESR to be delivered: IQ, SIS18, and CRYRING Achieved Beam parameters of GSI Accelerator facilities: Lars <ul style="list-style-type: none"> still waiting for the feedback from MKs Confirmed the presentation by R. Steinhagen and R. Bär on the topic of Analog signal digitization of GSI facilities project status, June 11, 2019: RB/RS: Confirmed <p>Physics programs: No news. as usual</p> <p>Operations (OPE): http://indico.gsi.de/event/8951/contribution/1</p> <ul style="list-style-type: none"> Dryrun, carried out by Controls <ul style="list-style-type: none"> Switch to Java 11, new JAPC, merge with CERN version etc <ul style="list-style-type: none"> Question from MSw (BEA): any potential change on timing? R. Bär's response was no changes are expected Bugs: pattern coupling, frontend not yet storage ring mode: a new action item Question from MSw (BEA): any potential change on timing <p>Ion Sources status report: Absence From A. Adonin and R. Hollinger via email: U5+ intensity from the source point of view is about 3.5emA, which is about a factor of 5 less than what</p>	<p style="text-align: right;">D. Severin</p> <p style="text-align: right;">O. Geithner</p>

	<p>expected for U4+, according to Lars. Yet the reliability of the performance of U5+ still needs to be confirmed with dedicated tests. To be followed.</p> <p>SIS18 status report: Absence</p> <p>UNILAC status report: http://indico.gsi.de/event/8951/contribution/9/material/slides/0.pdf</p> <p>HEST status report: Absence</p> <p>FRS status report: Absence MK is asked to go over the proposals related to FRS, feedback with the feasibilities of each proposal and plan from there</p> <p>ESR status report: http://indico.gsi.de/event/8951/contribution/11/material/slides/0.pdf From Daniel Severin, A total of 6 storage ring based, 62 days E-Deckvermerk for HV power supply didn't work</p> <p>CRYRING@ESR status report: via email <ul style="list-style-type: none"> - Dipol chamber in YR09/10 installed and pumped. - detailed task list for E Cooler established - cooldown for next fill is running well so far - ECR ion source installation preparation ongoing - Involved in Dryrun testing after the recent CS upgrade </p> <p>CW-LINAC demo: Absence</p> <p>COMM systems: ACO: http://indico.gsi.de/event/8907/contribution/5/material/slides/0.pdf New SIS18 Spill Abort System (fast-Quad, KO, CaveA/M features) <ul style="list-style-type: none"> • Implementation ongoing: on schedule Should be fully commissioned to be operational</p> <p>BI: A lot of routine work are ongoing. Quite a few fixing of MAPS. Overall, old MAPS continue to work till 2020. Roll out new one 2021 to start with this in parallel before it is fully commissioned. Caution: a lot of BIG Antrag are on the way!</p>	<p>H. Vormann L. Groening</p> <p>D. Severin</p> <p>M. Steck</p> <p>F. Herfurth (absence)</p> <p>R. Baer</p> <p>M. Schwickert</p>
3	Discussion	All
4	Open Action items	
	<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"> ○ 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"> • Status: <ul style="list-style-type: none"> ○ inputs from UNILAC, HEST, ESR 	All MKs

	<ul style="list-style-type: none"> ○ to be delivered: IQ, SIS18, CRYRING, and cw-LINAC advanced demo • Achieved Beam parameters of GSI Accelerator facilities • 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 • Invite the spill cavity expert P. Hülsmann to give a brief report on the commissioning plan of the spill cavity • 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. 	L. Groening W. Barth R. Baer J. Stadlmann RB/RS
Any other business		
	<ul style="list-style-type: none"> • <u>Next Machine Meeting:</u> May 28, 2019. status update, 14:00—16:00 <ul style="list-style-type: none"> ○ Approval of meeting minutes: 5mins ○ Follow-up of action items: 15mins ○ Special topics: 40 mins <ul style="list-style-type: none"> ▪ Overview of R3B performance in Q1 2019, H. Simon/J. Gerl ▪ HSI RFQ electrode replacement status including brief summary of latest findings: P. Gerhard/H. Vormann ○ Status update 	