GSI – Protocol	**Nr.: 20180731, 14.00**
Machine Meeting (MM) **http://indico.gsi.de/event/7586/**	**Chair:** M. Bai **Protocol:** U. Weinrich
Distribution	Machine coordinators and their deputies, departments leaders accelerator , participants, J. Blaurock, S. Menke, G. Walter
Participants	Head of division accelerator operation: M. Bai, U. Weinrich Machine coordination Ion Sources: R. Hollinger Machine coordination UNILAC: P. Gerhard Machine coordination SIS18: P. Spiller Machine coordination HEST: M. Sapinski Machine coordination FRS: C. Scheidenberger Machine coordination ESR: M. Steck Machine coordination Cryring/HITRAP: F. Herfurth Beam time coordination: D. Severin Department Operation: M. Sapinski Department Linac: ------ Department Linac HF: G. Schreiber Department Beam Cooling: ------ Department Control System: H. Hüther Department Vacuum System: ------ Department Beam Diagnostics: M. Schwickert Department Electric Power Systems: K.H. Trumm Department Transport and Installations: Department System Design SIS18/SIS100: Department Ring RF: ------ Department Ring HV: Others: W. Barth

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	**Update on Operation Status**	**M. Sapinski**
	M. Sapinski presents the operation status (see presentation on INDICO page http://indico.gsi.de/event/7586/contribution/7): • H. Liebermann and W. Geithner are working together to get the LSA core operational again for the Cryring.	
2	**Status in RF gallery**	**G. Schreiber**
	G.Schreiber presents the status and the planning on UNILAC RF gallery and RF systems (see presentation on INDICO page http://indico.gsi.de/event/7586/contribution/0): The main direction to come back to operation is now the separation of the air cooling within the RF gallery followed by a restart of the HSI RF systems in calender week 33.	
3	**Planning for the upcoming commissioning**	**all**
	M. Bai presented the preliminary timetable for the SIS18 beam commissioning planning, an joint effort of experts and MKs (see presentation on INDICO page https://indico.gsi.de/event/7586/contribution/3):	

	The main issue for the SIS18 is to first complete the commissioning without beam. This requires further debugging of the control system as well as finishing the commissioning of remaining components. To start with a dryrun has been organised. In a second step the commissioning with beam of SIS18 has to be	
AI	finalized. The beam commissioning planning for the SIS18 will be updated.	P. Spiller
AI	In order to prepare the commissioning of the experiments and the user beam time the following actions have to be taken:	
AI	- final test on Bi5+ in the ion sources	R. Hollinger
	- Commissioning and RF conditioning of the A4 station	G. Schreiber
	When HADES will be served FRS commissioning could likely be done in parallel. FRS would start with silver beam.	
AI	The new beam time schedule will be worked out.	D. Severin
	H. Huether also presented the ACO's dryrun plan. The presentations can be found at https://indico.gsi.de/event/7586/contribution/8	
4	**Round table on machine progress towards beam time 2018**	**MKs**
	Ions Sources (see presentation on INDICO page https://indico.gsi.de/event/7586/contribution/1): • The preparation of Bi-operation is on the way. A change of operation between Bi and Ag will take a few hours.	R. Hollinger
AI	**UNILAC (see presentation on INDICO page** http://indico.gsi.de/event/7586/contribution/0**)**: • The HSI RFQ will be opened for inspection. This intervention should take place as soon as it is technically prepared. At first the access will only be made from the side.	P. Gerhard
AI	It is estimated that the RF conditioning back to the operation level before opening can be done roughly within one week.	L. Groening/W. Barth
AI	The feasibility check for plasma cleaning and/or cleaning under hydrogen atmosphere has to be evaluated.	All MKs
	SIS18 (see also presentation of H. Hüther for control aspects): • See discussion above. Given the actual situation the commissioning concepts for UNILAC, SIS18, HEST, FRS and ESR need to be well aligned to each other	
AI	**HEST :** • The influence of the chosen alignment – especially the kink in the HEST should be considered and communicated for the	M. Sapinski
AI	beam commissioning within the HEBT.	M. Sapinski
	• Different optics setting need to be made available for uploading – as it was intended anyhow.	
	ESR (see presentation on INDICO page) : • Daniel Severin stated again that for beam time 2018, the ESR commissioning is of as high priority as the experiments in HADES and the FRS commissioning – even if its scheduled	
AI	experiment can not be executed.	M. Steck
	• All relevant Control System features have to be prepared to assure the beam commissioning. The scope and status that will be available for ESR dryrun and commissioning are not yet clear. Some aspects can also be found at https://indico.gsi.de/event/7586/contribution/8	
	• ESR will be ready for full fleged dryrun in two weeks.	

	Cryring and HITRAP (see presentation on INDICO page https://indico.gsi.de/event/7586/contribution/4): • The Cryring team is working towards the next beam time scheduled to start on the 20th of August	
	Any other business	
	• Next Machine Meeting: August 14th, 2018	