GSI – Protocol	**Nr.: 20181120, 14.00**
Machine Meeting (MM)	**Chair:** M. Bai **Protocol: M.Bai**
Distribution	Machine coordinators and their deputies, departments leaders accelerator , participants, J. Blaurock, S. Menke, G. Walter
Participants	M. Sapinski, W. Barth, P. Gerhard, G. Schreiber, J. Stadtmann, F. Herfurth, R. Hollinger, M. Steck, S. Litvinov, U. Weinrich, M. Bai, R. Bär, M. Schwicket, S. Reimann, C. Dimoupoulo, D. Severin, I. Pschorn, Andreas

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**	
	-- Approval of meeting minutes of 06.11.2018 **-- Main discussion** **1) LINAC RF readiness, in particular A4, GS 10mins** **2) Results of Survey campaign, I. Pschorn 10mins** **3) Engineering run plan, SR 20mins** **-- Round table report from MKs** **-- Followup:** **1) open action item status reminder and update** **2) new action items**	
2	**Update**	
	LINAC RF A4 status quo Not yet ready for operation due to power supply control (slow control) issues (not stable). The interlocks of the power supply currently prevent remote control. This means the power supply safety interlock with Thales amplifier requires modification needed. Grid 2 control finished so far. Look forward for operation requires: timing, integral interlock, conditioning... Goal is to have it ready for operation early next week https://indico.gsi.de/event/8104/contribution/9 **SIS18 Survey results** http://indico.gsi.de/event/8104/contribution/8 The latest survey carried out shows that the SIS18 plane continues to tilt since this May. The deepest part is now at about mid 20mm below the level 2 years ago. In addition, couple of mm misalignment out of the plane is also visible. **ESR Dry Run** ESR dry run ongoing. More details are in https://indico.gsi.de/event/8104/contribution/9 **Engineering Run** Most activities are on track besides UNILAC A4. This makes the SIS18 injection setup a bit tricky. Nevertheless, the work on setting up HEST beamline should be progress as planned. Depending on when	G. Schreiber I. Pschorn/Andreas M. Steck S. Reimann

	A4 can be available, we will try to do as much as we can with intermediate energy in the SIS18 to avoid additional RF setup for reaching highest rigidity while the injection energy is below 11.4MeV/u https://indico.gsi.de/event/8104/contribution/0/material/slides/2.pdf **Physics program Q1 2019** Two scenarios, BTS 3a and 3b, were presented and discussed. At the end, scenario 3b is chosen. As for FRS, the collaboration plan to take beam with a beam rigidity of 6Tm due to its dipole issue. http://indico.gsi.de/event/8104/contribution/3 **SIS 18 status report can be found at** http://indico.gsi.de/event/8104/contribution/8. Jens also mentioned that Ring RF experts would like to carry out systematic RF configuration measurements. The request is now collected by P. Spiller who will submit the list to Herr Blaurock **Ion source status report can be found at** http://indico.gsi.de/event/8104/contribution/6	D. Severin J. Stadtmann R. Hollinger
3	**Discussion**	**all**
	Layout/format of the engineering run doesn't have direct information on what ion species should be available for what day. This is concerned as inconvenience by the ion source colleagues. Ralph and Stephann will discuss offline to find the compromise	
4	**Decisions**	
	The next planned SIS18 survey should also extend to the HEST beamline area, as well as ESR. Last time these two places were surveyed was one year ago	
5	**Open Action items**	
	• technical discussion between ACO and ACC to define how to operate ESR in parallel to SIS18 operation for users • Check the integrity of the Strahwegplannung. The existing copy can be found at here • develop then commissioning plan of the SIS18 spill structure cavity. Expect report at the Nov. 6 machine meeting	M. Steck/Hanno All MKs J. Stadtmann/P. Husmann
	Any other business	
	• Next Machine Meeting: Dec. 4, 2018	
