

 – Protocol		Nr.: 20190219, 14.00
<b>Machine Meeting (MM)</b> <a href="https://indico.gsi.de/event/8518/">https://indico.gsi.de/event/8518/</a>		<b>Chair:</b> U. Weinrich <b>Protocol:</b> U. Weinrich
<b>Distribution</b>	Machine coordinators and their deputies, departments leaders accelerator , participants, J. Blaurock, S. Menke, G. Walter	
<b>Participants</b>	R. Bär, W. Barth, P. Gerhard, P. Forck, P. Kowina, F. Herfurth, M. Maier, W. Maier, S. Mickat, F. Herfurth, S. Reimann, M. Schwickert, D. Severin, R. Singh, J. Stadlmann, A. Stafiniak, M. Steck	

<b>Important:</b> I = Information D = Decision AI = Action Item		<b>Confidentiality Notice</b> It is requested not to scatter the protocols over the predetermined distribution circle or leave them on the publicly available printers.
1	<b>Agenda</b>	
	-- Approval of meeting minutes of 12.02.2019  -- Main discussions 1) Beam Set up: S. Reimann 2) Studies on Spill structure optimisation: R. Singh 3) operation status update: all MKs 4) AOB	
2	<b>Update</b>	
	<b>Minutes of the last meeting on 12.02.2019</b> The minutes were released without comments  <b>Beam Set Up (no report)</b> Beam set up went very well. The goals were reached 1.5 days ahead of schedule. Due to this beam will be offered earlier to users.  <b>ESR status report can be found at</b> <a href="https://indico.gsi.de/event/8518/contribution/3">https://indico.gsi.de/event/8518/contribution/3</a> If the user beam time of HADES progresses well it might be possible to dedicate some beam time to ESR during the second half of March. In order to be useful it should be a block of Injection of about 8 hours. D. Severin will follow up this issue during the next weeks.  <b>UNILAC status report can be found at</b> <a href="https://indico.gsi.de/event/8518/contribution/1">https://indico.gsi.de/event/8518/contribution/1</a> HLI RF was interrupted due to non authorised action on the MIL-Bus system in the cw demonstrator control room during rearrangements. It was recalled in the meeting that any hands on intervention on the timing system has to be coordinated over the controls group.  <b>SIS18 status (no report)</b> J. Stadlmann announced that during the upcoming shutdown one sector needs to be flooded with nitrogen from the new fire protection system. This will require special precautions in order to avoid/minimize	S. Reimann      M. Steck      P. Gerhard      J. Stadlmann

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	<p>unwanted dust distribution. The proper planning will be integrated into the shutdown schedule.</p> <p><b>HEST status (no report)</b> HEST tuning went well. It was also reported that operators get more and more operational with the new control system.</p> <p><b>Ion Sources (no report)</b> No participation of ion sources colleagues in the meeting (excused absences)</p> <p><b>Crying (no report)</b> F. Herfurth asked the question whether the required resources from the vacuum department for the planned work are granted by now. This could not be confirmed within the meeting. It is therefore necessary to progress in this respect in order to consolidate the work planning.</p>	<p>M. Sapinski</p> <p>R. Hollinger</p> <p>F. Herfurth</p>
<b>3</b>	<b>Discussion</b>	<b>all</b>
	<p><b>Report on beam studies on spill structure optimisation can be found at</b>  <a href="https://indico.gsi.de/event/8518/contribution/0">https://indico.gsi.de/event/8518/contribution/0</a></p> <p>R.Singh provided an overview on the ideas, execution and results of the studies. The already postulated benefit of using small sextupole excitation in order to create long transit time was qualified. In addition it was shown that the spill structure could be improved by working with small horizontal beam emittance. Tests of introducing also high frequency ripples on the quadrupoles were started but could not be concluded so far. If possible, another time window during this beam time would be beneficial.</p>	R. Singh
<b>4</b>	<b>Decisions</b>	
<b>5</b>	<b>Open Action items (existing ones not discussed in the meeting)</b>	
	<ul style="list-style-type: none"> <li>develop the commissioning plan of the SIS18 spill structure cavity. Expect report at the Nov. 6 machine meeting <ul style="list-style-type: none"> <li>presentation scheduled in the MM about one month later</li> </ul> </li> <li>Analog signal digitization of GSI facilities project status</li> <li>meeting with HADES team on 12<sup>th</sup> of December to decide on HADES user schedule in user beam time 2019 , <b>done, but no reported yet</b></li> <li>communication of updated overview list of ACC activities to machine coordinators and other colleagues <ul style="list-style-type: none"> <li>this will be upgraded to the latest technique of sharing files safely as soon as GSI IT allows. R. Bär will keep us informed.</li> </ul> </li> <li>Technical limitation of GSI existing facilities</li> <li>Survey construction waste falling from ceiling onto cavity A1</li> <li>Address the request for hall coordinators of SH and BG</li> <li>Enter actual beam time schedule in OLOG</li> </ul>	<p>J. Stadlmann/ P. Hülsmann / Spill quality experts</p> <p>JS / RS</p> <p>MS/FH</p> <p>All MKs</p> <p>All MKs P. Gerhard H. Reich-Sprenger D. Severin</p>

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	<ul style="list-style-type: none"> <li>• <b>New: follow up of HADES beam time to check whether beam can be granted to the ESR</b></li> <li>• <b>New: consolidation of ressources of vacuum department for intended shutdown work</b></li> </ul>	D. Severin
	<b>Any other business</b>	
	<ul style="list-style-type: none"> <li>• <u>Next Machine Meeting: Feb. 26, 2019</u></li> </ul>	