

ISOLDE					
<i>Machine Supervisor last week</i>		Erwin Sielsing			
<i>Machine Supervisor this week</i>					
Beam Scheduled					
<i>GPS</i>	Yes	<i>HRS</i>	Yes	<i>HIE-ISO</i>	No
Beam Availability by Destination (AFT)					
<i>GPS</i>	-%	<i>HRS</i>	-%	<i>HIE-ISO</i>	-%
Facility Status					
Summary	<p>Advancing well towards physics. Again a very busy and good week for ISOLDE. Many tasks accomplished also due to the work at PSB. Special thanks again to Gian Piero, Simon, Federico and the PSB team!</p>				
	<p>GPS: On Monday night, due to the SEMGRIDS test finishing ahead of schedule, we were able tests in the frame of the Beam Dump Replacement Study (Ana-Paula Bernardes et al.) a continuous 1.4GeV, 2uA proton beam onto the GPS dump (without target on the GPS Front End). Thermocouples were registering the temperature increase of the dumps providing very useful information for the requirements of the new dumps. Despite some start issues (Watchdog playing up at PSB) the run was very successful and useful data recorded. Also coupling tests with the LIST targets were carried out to confirm correct coupling of their RF connectors. All with positive result. GPS has been running with a LIST target in place during the rest of the week and the weekend. Fortunately the effect of the power glitch yesterday afternoon was minimal at ISOLDE. Only the HT and separator magnet tripped. (We now have some issues with the HT tripping, not related to the glitch. We're on it.)</p> <p>HRS: PSB carried out all HRS SEMGRID tests again ahead of schedule and we used the Wednesday-afternoon to verify with our colleagues from PSB and BI the correct functioning of the second, spare, SEMGRID target #2 which had reported issues with the signals (rising from pulse to pulse) reported. The tests were successful and no abnormalities were observed (the issue last year was probably due to a badly connected Burndy plug at the target side (manually done by us)). Thursday was used to continue with a normal target to verify the correct functioning of the HRS Front End. Once this was confirmed the target was removed and a similar to GPS protons-on-dump test was carried out on Thursday night: In the frame of the Beam Dump Replacement Study (Ana-Paula Bernardes et al.) a continuous 1.4GeV, 2uA proton beam onto the HRS dump (without target on the HRS Front End). A bit of a bumpy start due to some issues at PSB injection but once the 2uA current was stable again very useful date was recorded by our colleagues from STI. Friday the target was recoupled on the HRS FE and setting up for reference files from HRS has continued and will continue this week.</p> <p>REX/HIE ISOLDE: At the REX side the recommissioning of the REX RF amplifiers is ongoing. Some tripped during the weekend probably due to the power glitch. Setting up will continue during the week.</p>				

	<p>At HIE ISOLDE the cooldown of the Cryo Modules has started. D. Valuch has started SRF reconditioning tests at warm. The cryo team (T. Dupont) has verified the compressor station gear box shaft seal last Tuesday: All good. (Last year there was a serious failure of the gear box bringing the plant down).</p> <p>All this advancement would not have been possible without the flexibility and hard work by our colleagues at PSB, from the Robot team, in STI and RP as well as the Cryo and RF colleagues on the REX and HIE side. Many thanks!</p>		
Issues			
Plans			
Intervention Request			
No	Duration	-	Preferred date/time -
Reason	-		
Impact	-		