



Week 30 2018			RILIS	GPS	HRS	CA0	MEDICIS	Visits	other	
Monday	7/23/2018	AM			Setup for Is552	HRS	Irradiation?	1400-1530: Summer students	KJ away but contactable. For local mirabal questions please contact Liam Gaffney: (161248)	
		PM				HRS				
		night			proton scan	HRS				NORMHRS
Tuesday	7/24/2018	AM			Yield checks	HRS		1415 - 1715: Bulgarian teachers.		
		PM				HRS				NORMHRS
		night			setup continues	HRS				NORMHRS
Wednesday	7/25/2018	AM		#655 target for Mn implantation (could be earlier depending on GPS target over weekend. DO NOT HEAT BEFORE CHECKING WITH TARGET GROUP.)	Setup continues. IS552	HRS		1000Visit or from iThemba labs		
		PM				HRS				NORMHRS
		night			Setup at 30kV to GLM Collection of 53Mn	HRS				NORMHRS
Thursday	7/26/2018	AM			Collection of 53Mn	HRS				
		PM				HRS				NORMHRS
		night			Collection of 53Mn	HRS				NORMHRS
Friday	7/27/2018	AM			Collection of 53Mn	HRS				
		PM				HRS				NORMHRS
		night			Collection of 53Mn	HRS				NORMHRS
Saturday	7/28/2018	AM			Switch to 228Ra	HRS				
		PM				HRS				NORMHRS
		night			Collection of 53Mn	HRS				NORMHRS
Sunday	7/29/2018	AM			Switch to 142Ba?	HRS				
		PM				HRS				NORMHRS
		night			Collection of 53Mn	HRS				NORMHRS
Monday	7/30/2018	AM			#632 ThC VD7	HRS				
		PM				HRS				NORMHRS
		night			IS552/IS553	HRS				NORMHRS
Monday	7/30/2018	AM			(depending on yields/data obtained)	HRS				
		PM				HRS				NORMHRS
		night			IS552/IS553	HRS				NORMHRS
Monday	7/30/2018	AM			(depending on yields/data obtained)	HRS	Irradiation?			
		PM				HRS				NORMHRS
		night			setup of separator	HRS				NORMHRS
Monday	7/30/2018	AM			IS552/553 continue	HRS				
		PM				HRS				NORMHRS
		night				HRS				NORMHRS

Summary of week: Main priority is HRS run on Ra and Ba isotopes. Quite a few changes of isotope so days will be needed for setting of machine. Depending on the yields the plan is for 222Ra, 228Ra and then 142Ba. The latter will be contaminated with Cs, but should be gateable away. On GPS setup to GLM for collection of 53Mn. Please talk to target group before heating the target. If the target on GPS were to fail over the present weekend target change #655 may be brought forward.

(GPS): #655 for Mn implantation. NOTE: DO NOT HEAT THE TARGET UNTIL TALKING TO THE TARGET GROUP! 53Mn collection for 2 days. Strong beam expected. Destination GLM. Beam will be > 6uA (or so). Expect profile to be ugly.

(HRS): #632 UC W for Ra and Ba. HIE-ISOLDE run, setup at 30kV. Stable mass U. Beams to Experiment: 222Ra, 228Ra and 142Ba. Cs contamination on Ba; beamgate to be used. Energy: ~4.3MeV/u

Responsible for target: TBC (check with Sebastian).

Protons: NORMHRS all week.

Operations responsible: Emanuele (167813) until 24th July. Lefteris (166707) afterwards.

For more details about visits: <https://espace.cern.ch/isolde-visits-info/Lists/Calendar/calendar.aspx>