

ISOLDE WEEK 43											
			RILIS	GPS	HRS	CA0	MEDICIS	GPS IS	p's	Visits	other
Monday	23/10/2023	AM	RILIS: In broad-band	8:00 IS697 stops		GPS	Direct irradiation #826 whenever protons aren't used.				
				Test-HIE-ISOLDE							
		PM		RILIS test	Set up, up to CA0 for VITO on Fri, Mon or Tue.						
Tuesday	24/10/2023	night		IDS 133In, 134In			Direct irradiation #826 whenever protons aren't used.		NORMGPS		Start up meeting IS733
		AM		IDS - Test 133In, 134In (p on convertor?). 133In (max intensity), 134In (test new system), 132In, 135 In (purity and rate)							
		PM									
Wednesday	25/10/2023	night		8:00 Stop IDS test			Direct irradiation #826 whenever protons aren't used.		NORMGPS/ NORMHRS		
		AM		Set up for Rb83 to GLM. Rb83 collections (0.5 shift) - protons on target	Set up for IS733 (K for VITO) - Mark tunes beam from CA0 to VITO.						
		PM		17:00 Cool down target for cold irradiation of #836 for Winter physics	Proton scan in afternoon (no yield check requested)						
Thursday	26/10/2023	night		Stop irradiation 6:00		HRS			NORMGPS		
		AM									
		PM			IS733						
Friday	27/10/2023	night					#836 (coming from GPS) on high-trolley				
		AM		9:30 #761 UC							
		PM			IS733						
Saturday	28/10/2023	night					Indirect irradiation #836		NORMHRS		
		AM			IS733						
		PM									
Sunday	29/10/2023	night					Indirect irradiation #836				
		AM			IS733						
		PM									
Monday	30/10/2023	night			6:00 Stop protons						
		AM									
		PM		Set up for IS692 7Be @ 11MeV/u							

Summary of week: Miniball run IS697 stops Monday morning. During the day, test for HIE-ISOLDE and RILIS on GPS, after which In beam can be taken to IDS in the evening. Set up for K on HRS up to central beam line on Friday, Monday or Tuesday. IDS test with In on GPS finishes Wednesday morning. Set up to GLM for 83Rb collections afterwards. In parallel, stable K available for VITO, they take the beam from ISCOOL to VITO themselves. Yield checks in the afternoon. Rb collections finish in the late afternoon. Afterwards, target #836 on GPS needs to be cooled down for cold irradiation for Winter physics during the night until 6:00. HRS takes radioactive K beam starting from 6:00. On Friday morning, target change on GPS, target #836 will move from GPS to the high trolley on HRS for indirect irradiation during the VITO run. Protons stop Monday at 6:00.

GPS: **GPS: #836 UC n**, HT = 30kV neutron-rich Sb/In beams **NOTE: protons on convertor until Wednesday morning.** Collections of 83Rb (GLM) with protons on target, 50 keV (impact nb for collections: 218302). To be confirmed with target performance following Sb/In run. Irradiation for winter physics with cold target.

HRS: **#817 Ta UC**, used in week 21. Al and K mass marker. K isotopes to VITO. HT= 50kV and RFQ in bunching mode. NOTE: the settings for irradiation of #826 are the following: low trolley H:-10 V:-63, 2uA.

Protons: NORMGPS until Thursday morning, NORMHRS afterwards.

Operations responsible: Alberto (167538) until Tuesday 24 October. Simon (165711) until Tuesday 24 October.

For more details about visits: <https://publicoutreach.cern.ch/outreach/panel#agenda/next-week>
ISOLDE Daily meeting: 09:15 Monday-Tuesday; 08:45 Wed-Fri via Zoom: <https://cern.zoom.us/j/98894210347?pwd=WUttSMlFKbkVicWVhKytNOG5nMFNFd209>