

eLogbook : 11-August 2009

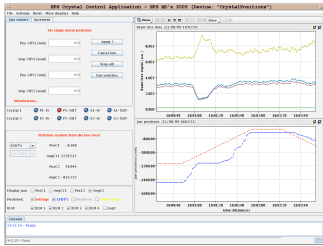


SPS Afternoon

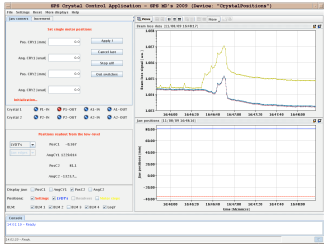
is logged.

FILTER: Piquets Expert INFO Clear

NEW: For the mobile devices, try the eLogbook mobile beta v0.2

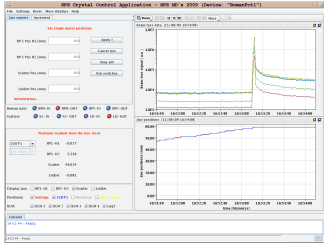
#	Time	H C 2	Comment
1	15:00		Fabio, Jerome <span style="float: right;">Created by spsop from cwo-ccc-a7lc</span>
2	15:31		We left the crystal and the TAL in.....we had problem in increasing the intensity, and we obviously found a "smaller" beam. The collimator has been centered to: left jaw: 3.8 mm right jaw : -2.2 <span style="float: right;">Created by spsop from cwo-ccc-a2lc</span>
3	15:39		References:  Crystal 79.945mm (touching halo second with step size 0.1mm) TAL 61.5mm (protect position) Collimator 3.8 mm (touching halo first)  <span style="float: right;">Created by spsop from cwo-ccc-a2lc</span>
4	15:39		at 15:38: crystal 2 is in channeling, moving in with 0.1 mm steps <span style="float: right;">Created by spsop from cwo-ccc-a4lc</span>
5	15:41		putting medipix in at 30 mm <span style="float: right;">Created by spsop from cwo-ccc-a4lc</span>
6	15:48		medipix is down <span style="float: right;">Created by spsop from cwo-ccc-a4lc</span>
7	16:02		Channeling for Cry2. Scan IN.   20090811160306.png  <span style="float: right;">Created by spsop from cwo-ccc-a1lc</span>
8	16:04		Channeling CRY2 - SCAN OUT.   20090811160450.png


			Created by spsop from cwo-ccc-a1lc
9	16:14	In channeling mode. 19 h beam lifetime.	Created by spsop from cwo-ccc-a2lc
10	16:18	TAL to 62.44 mm first Crystal to 81.1 mm afterwards.   20090811162128.png	Created by spsop from cwo-ccc-a2lc
11	16:22		Created by spsop from cwo-ccc-a1lc
12	16:23	Beam lifetime: 1 h.	Created by spsop from cwo-ccc-a2lc
13	16:25	Redo channeling scan.   20090811163017.png	Created by spsop from cwo-ccc-a2lc
14	16:28	Crystal ange at -1120urad (LVDT) for channeling. Beam lifetime: 1h46min Loss maps recorded, no changes visible in arcs.	Created by spsop from cwo-ccc-a2lc
15	16:34	Put crystal in amorphous mode (-500urad). Crystal angle: 1324urad.	Created by spsop from cwo-ccc-a2lc
16	17:35	No channeling Lifetime: 2h40min.   20090811163606.png	Created by spsop from cwo-ccc-a2lc

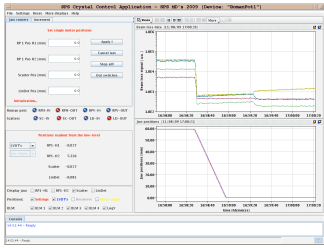
17	17:36	<p>LHC collimator as p[primary bottleneck, very close to beam centre: 2.2 mm</p>  <p>20090811164822.png</p> <p style="text-align: right;">Created by spsop from cwo-ccc-alle</p>
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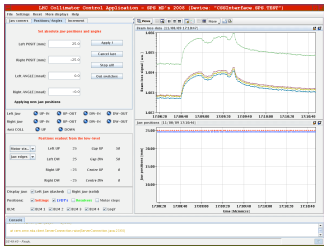
18	17:36	<p>Collimator out at 6mm.</p> <p style="text-align: right;">Created by spsop from cwo-ccc-alle</p>
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19	17:37	<p>Put in the W target to set it as primary.</p> <p style="text-align: right;">Created by spsop from cwo-ccc-alle</p>
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20	17:37	<p>W scatterer IN: 59.03 mm</p>  <p>20090811165414.png</p> <p style="text-align: right;">Created by spsop from cwo-ccc-alle</p>
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21	17:38	<p>Move TAL out.</p>  <p>2009081116590925.png</p> <p style="text-align: right;">Created by spsop from cwo-ccc-alle</p>
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22	17:38	<p>Collimator completely out.</p>  <p>20090811170026.png</p> <p style="text-align: right;">Created by spsop from cwo-ccc-alle</p>
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23	17:38	<p>note that the logbook timing went bad now is 17:00</p> <p style="text-align: right;">Created by spsop from cwo-ccc-a4lc</p>
24	17:38	<p>lossmap</p> <p style="text-align: right;">Created by spsop from cwo-ccc-a4lc</p>
25	17:39	<p>Moved crystal IN by 1mm</p>  <p style="text-align: center;">20090811170755.png</p> <p style="text-align: right;">Created by spsop from cwo-ccc-a4lc</p>
26	17:39	<p>Move crystal in by 1mm. Do another angular scan!</p>  <p style="text-align: center;">20090811171054.png</p> <p style="text-align: right;">Created by spsop from cwo-ccc-a4lc</p>
27	17:40	<p>Channeling again - new reference losses at this time. Losses in 2 and 6 disappeared.</p>   <p style="text-align: center;">20090811171548.png      20090811171723.png</p> <p style="text-align: right;">Created by spsop from cwo-ccc-a4lc</p>
28	17:40	<p>Move crystal IN and dump beam.</p> <p style="text-align: right;">Created by spsop from cwo-ccc-a4lc</p>
		<p>lossmap</p>

29	17:41	 <p>20090811172035.png</p> <p>Created by spsop from cwo-ccc-a4lc</p>
30	17:41	<p>UA9 (Crystal) MD finished. BI studies ask for a LHCINDIV one bunch one batch.</p> <p>Created by spsop from cwo-ccc-a6lc</p>
31	17:42	<p>Ask Ti to cut water circuits 214, 414 and 614.</p> <p>Created by spsop from cwo-ccc-a6lc</p>
32	17:42	<p>Start coast LHCINDIV 1 bunch, one batch.</p> <p>Created by spsop from cwo-ccc-a6lc</p>
33	19:18	<p>&gt; Piquet SPS &gt; VACUUM &gt; Called Call vacuum Piquet to block fast valves</p> <p>Created by spsop from cwo-ccc-a7lc</p>
34	20:19	<p>&gt; Piquet SPS &gt; VACUUM &gt; End</p> <p>Created by spsop from cwo-ccc-a7lc</p>
35	20:23	<p>Switch to 4 batches. Changed SIX.MC from 1 to 3 repeat.</p> <p>Created by spsop from cwo-ccc-a6lc</p>
36	21:13	<p>Feed back, feed forward, damper are put Off by RF team</p> <p>Created by spsop from cwo-ccc-a7lc</p>
37	21:27	<p>Switch to LHCPILOT beam. Set MKP delay from 62 us to 67 us. Change bucket selector from 296 to 4076 and phase from 160 to 0. Set Beam signal limiter from Gain0 to Gain3 (RF2 workingset). A lot of injection oscillations, we correct it.</p> <p>Created by spsop from cwo-ccc-a6lc</p>
38	22:25	<p>Switch to LHC PROBE beam.</p> <p>Created by spsop from cwo-ccc-a6lc</p>

FAULTS

#	Group	Fault	Element	Description	Begin	End	Duration
NO FAULT							

