

		Created by spsop from cwo-ccc-al
7	07 : 27	Crystal out, we align the scatter Created by spsop from cwo-ccc-al
		Scatter aligned: 54.2mm
8	07:36	With the second seco
		Reference positions after alignment:
9	07 : 38	Collimator: left 4.175mm, right -3.225 mm TAL: 66.5 mm Crystal 1: 76.6 mm Crystal 2: 77.4 mm Medipix: 35.7 mm
		We set the TAL at 64.5 mm (2mm back with respect alignment)
10	07 : 42	Crystal 1 at 76.4mm Created by spsop from cwo-ccc-al
11	07:51	Collimator out at +-20mm we start angular scan (from -6.5mrad to +6.5 mrad)
12	08:01	We restart the scan (collimator moved in by mistake)
13	08:20	Created by space from cwo-ccc-al Since a couple of minutes, we see a spiky behaviour of the beal losses at the cristal. $\vec{u} = \underbrace{u = u = u = u}_{u = u} \underbrace{u = u}_{u = u} \underbrace{u = u = u}_{u = u} \underbrace{u = u}_{u = u} $
		Created by spsop from cwo-ccc-a2





22	09 : 24	20091104092521.png
23	09 : 27	Silicon detector out by 4mm Created by spsop from cwo-ccc-allc
24	09 : 28	Crystal 1 in Created by spsop from cwo-ccc-allc
25	09:29	Transverse emittance meas. Hprofile.png Created by speen from cure.ccc.adle
26	09:33	Crystal IN a primary aperture (spike at 09:32 in the picture). Then we see still spike from unknown sources. Peaks only seem to be present when the ctystal is IN. 20091104093445.png Created by spon from cwo-ccc-a2lc
27	09:37	Retract crystal 1 by 10 mm, then another 10 mm. Collimator is the primary bottleneck.

		Created by spsop from cwo-ccc-a2l
		Crystal back into the beam.
28	09 : 45	Transformed by speep from any one of the spe
H		Collimator OUT.
29	09 : 48	Now start a scan with crystal-1 and and TAL in. Created by spsop from cwo-ccc-a2b
30	09 : 53	Channeling peak close two -2000murad.
	10.00	fine scan with crystal 1 - minimum at -2060 urad.
31	10:06	coincidence for tec 3-4 are 2500 in channeling
32	10:08	try to switch off the power supplies of the orbit corrector in order to try to eliminate the spikes We lose some beam (from 1.4e11 to 3.7e10)
33	10:16	we move the crystal into the beam until we see losses and we keep it there for few minutes in order to check if spikes are still present Cristal at 78.76mm Image: Cristal at 78.76mm
П		Spikes are gone!

34	10 : 23	
		20091104102428.png
		Created by spsop from cwo-ccc-a7lc
		we put the collimator in again -we lose some beam - the orbit has changed we re-align and center the collimator
		pos collimator: 4.17 -3.225
35	10 : 24	
		20091104103333.png
36	10:24	Created by spsop from cwo-ccc-a/lc We extract all the elements to inject a new beam
		Created by spsop from cwo-ccc-a7lc Unable to get YASP acquisitions due to TGM timeout. We see the TGM video is
37	10 : 25	blocked too. We called Ioan Kozsar. Created by spsop from cwo-ccc-a7lc
3.8	11:00	Call Alsdair for access controle console for North area: completely
		Created by spsop from cwo-ccc-a7le
39	11 : 01	It seems the PS are having some problems with pole face windings Created by spsop from cwo-ccc-a7lc
40	11.21	North area access system problem seems as though it may be due to a network
	11.21	Created by spsop from cwo-ccc-a7lc
41	11 : 32	new coast beam 1e11 protons Created by spsop from cwo-ccc-alle
		Transverse emitt. meas.
42	11 : 43	Vprofile.png Hprofile.png
		Created by spsop from cwo-ccc-a4lc



		Created by spsop from cwo-ccc-a2lc						
48	13 : 05	we open the collimator to switch the orbit correctos off Created by spsop from cwo-ccc-a2lc						
49	13 : 06	re-do the collimator alignment Created by spsop from cwo-ccc-a2lc						
50	13:06	Beam shows a strange behavior: the orbit is moving!						
51	13 : 58	beam dumped Created by spsop from cwo-ccc-a2lc						
52	13 : 58	switched all dampers to tunnel access mode						
53	13:59	New coast, correctors on, dumper amplifier off, beam intensity is now 10ell 20091104131403.png Created by spsop from cwo-ccc-a2lc						
54	13:59	Collimator re-alignment, no spikes (yet). Precision 0.5mm. **********************************						
55	13 : 59	Created by speep from ewo-ccc-a2le						
56	14:00	moving the collimator out - create the bump at the tidp						
57	14:00	Timemarkers for logbook entries don't seem to be correct. Called Carlos who said this should already be fixed Created by spsop from cwo-ccc-a6lc						
		Ana came to the control room and saw that wirescanner 519H was perhaps in						

58	14:00	the beam. She removes it.	Created by arrang from any according
		Bump done, start the alignment	Created by spsop from cwo-ccc-aoic
59	14:00		Created by spsop from cwo-ccc-a2lc
60	14 : 07	Collimator realigned. Closed orbit 0.5mm. Left jaw: 5.25 Right jaw: -4.25	Created by spson from cwo-ccc-a2lc
\vdash		spikes seem to be back again -	Created by spsop from ewo-eee-azie
61	14:10	20091104141105.png	
			Created by spsop from cwo-ccc-allc
62	14 : 16	the spikes are seeen also in other elements (TAL)	Created by spsop from cwo-ccc-a2lc
63	14:18	We dump the beam to shut down some power supply in ord problem with spikes.	der to try to fix the
		After switch off elements on TT10 mask POWER CONVERT	Created by spsop from cwo-ccc-a2lc
64	14:23		Created by spsop from cwo-ccc-a5lc
65	14 : 31	New coast, realignment of collimator.	Created by spson from cwo-ccc-a2lc
\square		New alignment:	
66	14 : 39	Left jaw: 5.65 Right jaw: -4.5 Closed orbit 0.575mm	Created by spsop from cwo-ccc-a2lc
67	14:46	change in losses due to cromaticity changes (seen both scintillators)	h on blms and Created by spsop from cwo-ccc-allc
68	14:51	After switch off octupoles, mask Power_converters_OCT	_skew
		COAST lost - reloading	Created by spsop from cwo-ccc-a5lc
69	14:55		Created by spsop from cwo-ccc-a7lc
70	14.55	Chromaticity adjusted.	

						Created by spso	p from cwo-ccc-a2lc
FAULTS							
# Gr	oup	Fault	Element	Description	Begin	End	Duration
				NO FAULT			



