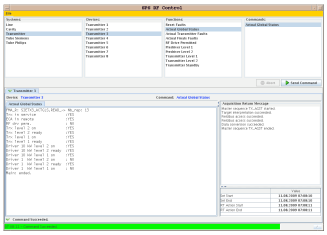
eLogbook - August-2009 Morning

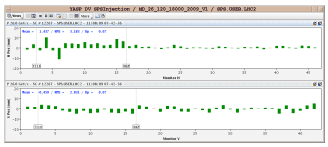
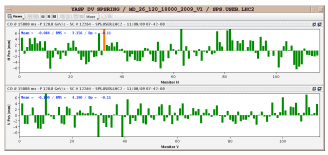
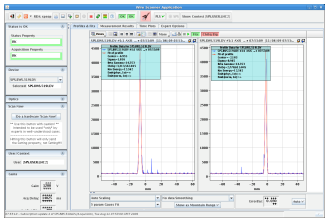
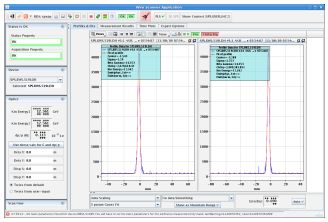
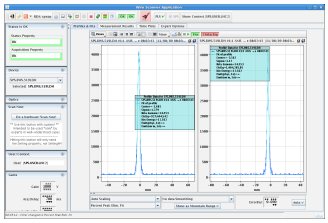
SPS *emeran*

is logged.

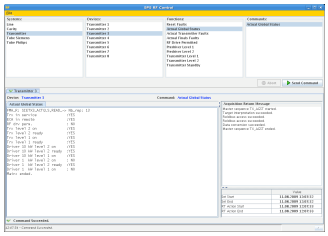
FILTER: Piquets Expert INFO Clear

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

#	Time	HC2	Comment
1	07:00		Yannick, Stephane. Created by spsop from cwo-ccc-a6lc
2	07:07		Changed gain to low and 32 Created by spsop from cwo-ccc-a2lc
3	07:07		TRX 3 Tripped We restarted predriver level1 and 2 and after the RF drive permited. The Trx 3 worked correctly now  20090811070815.png Created by spsop from cwo-ccc-a6lc
4	07:11		dumping the beam for a new fill. before, blms without beam to have a baseline for the blms measurements. Created by spsop from cwo-ccc-a2lc
5	07:15		beam dumped at 7:15 -> aqn of blms ongoing. Created by spsop from cwo-ccc-a2lc
6	07:16		We put disable on the RF 768. Created by spsop from cwo-ccc-a6lc
7	07:17		stopping the transverse dumper. Created by spsop from cwo-ccc-a2lc
8	07:17		changing the BLMs gain -> high gain. Ampli gain->1 Created by spsop from cwo-ccc-a2lc
9	07:19		integration gain -> high. Ampli gain -> 4 still without beam. Created by spsop from cwo-ccc-a2lc
10	07:22		Refilling .... Created by spsop from cwo-ccc-a2lc
11	07:22		We started the coast recover Created by spsop from cwo-ccc-a6lc
12	07:23		Blms settings-> low and 32 Created by spsop from cwo-ccc-a2lc
13	07:26		The cavity in ps machine were down. Created by spsop from cwo-ccc-a6lc
14	07:30		So far the beam is injected of the prepulse but the longitudinal strucure is not good due to the PS cavity that were in automatic stand-by. The beam is injected but not so good.... Created by spsop from cwo-ccc-a2lc

15	07:34		No bean from linac Created by spsop from cwo-ccc-a6lc
16	07:35		We corected the injection oscillation.  20090811075249.png Created by spsop from cwo-ccc-a6lc
17	07:42		Orbit at 15000 ms  20090811074247.png Created by spsop from cwo-ccc-a6lc
18	07:50		Alignment LHC collimator: Jaw left=5.6 m Jaw right=-5 m Observed some negative signal in BLM524 when moving the collimator Created by spsop from cwo-ccc-a2lc
19	07:52		BWS for emittance  20090811075342.png  20090811080017.png Created by spsop from cwo-ccc-a2lc
20	08:11		putting the collimator LHC at 4.4 and -3.8 to have the crystal at 6 sigmas.  20090811081230.png Created by spsop from cwo-ccc-a2lc
21	08:26		LHC collimator still closed beacuse Bernd is trying to understand the SPS BLMs. Created by spsop from cwo-ccc-a2lc
			bernd went ot check the BLMs, saying that for him they are not ok.

22	09:04		We save the data in any case. Created by spsop from cwo-ccc-a2lc
23	09:06		Putting the LHC collimator at 6 sigmas. 4.4 and -3.8 mmm Putting the medipix and the crystal in collimation to take a bit of statistics with the medipix + blms. Created by spsop from cwo-ccc-a2lc
24	09:09		Putting the medipix in. Created by spsop from cwo-ccc-a2lc
25	09:10		keeping low and 32 for the gains of the blms. Created by spsop from cwo-ccc-a2lc
26	09:17		lhc collimators open Created by spsop from cwo-ccc-a2lc
27	09:28		We called Mister Cipolla to inform that the driver amplier on damper V detroyed. He will call me to 30 min to said if he can change the module. Created by spsop from cwo-ccc-a6lc
28	09:33		No beam from booster for 1H00 Created by spsop from cwo-ccc-a6lc
29	09:36		Cristal 2 @ -1306 murad 77.079 mm Medipix -> 35.031 TAL -> 61.5 mm LHC collimator out. BLMs counting... medipix also... cumulating statistics Bernd is starting to work on the BLMs now... so the data wont be good. Created by spsop from cwo-ccc-a2lc
30	09:43		Mister Cipolla was is in BA2 and he try to repair the driver of the damper V. More news ASAP .... Created by spsop from cwo-ccc-a6lc
31	09:54		L. Gatignon asked us to put Quad16 on M2 in Standby mode, but without success. Maybe it's due to the coast supercycle timing. We will try again when we go out the coast. Created by spsop from cwo-ccc-a7lc
32	09:58		E. Carlier called: he asked us to stop MKE4 because of he need to add an interlock system to protect from highvoltage. MKE4 will be available this evening. Created by spsop from cwo-ccc-a7lc
33	10:01		Cipolla called: he changed the driver on the Damper V. Created by spsop from cwo-ccc-a7lc
34	10:19		Test MediPix started at 10:00 acquisition single frame 20um saved on local disk 10 acquisition of 20 us. Created by spsop from cwo-ccc-a2lc
35	10:21		change in acquisition time for MediPix: 1 of 2 msec 1 of 20 msec 1 of 200 msec Created by spsop from cwo-ccc-a2lc
36	10:26		Left collimator jaw set at 5mm (~7 sigma) Created by spsop from cwo-ccc-a2lc
37	10:41		MediPix acquisition restarted Created by spsop from cwo-ccc-a2lc
38	11:02		Beam dumped for the intervention on BLMs

			Created by spsop from cwo-ccc-a2lc
39	11:28		Medipix, crystal 2 and TAL moved to parking position (Medipix was at 35 mm, crystal was at 77 mm, TAL was at 61.5 mm) Created by spsop from cwo-ccc-a2lc
40	12:07		horizontal emittance measurement 1 sigma = 1.5urad Created by spsop from cwo-ccc-a2lc
41	12:07		TRX 3 Tripped  20090811120754.png Created by spsop from cwo-ccc-a7lc
42	12:08		We changed the RF bucket in LHCMONO from 401 to 296. Created by spsop from cwo-ccc-a7lc
43	12:26		Orbit after correction  20090811122623.png Created by spsop from cwo-ccc-a7lc
44	12:26		We go to the coast Created by spsop from cwo-ccc-a7lc
45	12:45		We have set the integrator gain to HIGH and amplifier gain to 64 Reproducibility seems to be acceptable in Sextant 5/6/1 (with the exception of BLM118) Created by spsop from cwo-ccc-a4lc
46	12:46		TAL IN at 61.5 Created by spsop from cwo-ccc-a4lc
47	12:46		Moving crystal 2 Created by spsop from cwo-ccc-a4lc
48	12:54		MEDIPIX being moved IN Created by spsop from cwo-ccc-a4lc
49	13:13		Reproducibility of the BLM signal  20090811131435.png Created by spsop from cwo-ccc-a4lc
50	13:22		Roman pot out Crystal 2 in channeling 78.2 mm - -1200 microrad

			Created by spsop from cwo-ccc-a4lc
51	13:24		Stop MediPix for threshold adjustment Created by spsop from cwo-ccc-a2lc
52	13:25		misaligned crystal 2 -685 microrad Some signal visible in 518 and 524 Created by spsop from cwo-ccc-a4lc
53	13:32		We have changed supercycle to 2 batch of 4 bunch. We put MPK to 2 injections, changed workingset, and added 1000 (=1296) on BU bunch on 2nd injections in RF MMI. Created by spsop from cwo-ccc-a7lc
54	13:35		Medipix THL lowered to 200 Created by spsop from cwo-ccc-a2lc
55	13:35		go back to channeling Created by spsop from cwo-ccc-a4lc
56	13:38		Medipix moved back into the roman pot Created by spsop from cwo-ccc-a2lc
57	13:40		Dumper on with gain=0.5 Created by spsop from cwo-ccc-a2lc
58	13:40		Medipix acquisition in sequence of frames 10 microsec, to be summed up later and count particles. Total of 360 frames taken Created by spsop from cwo-ccc-a2lc
59	13:42		gain 1 Created by spsop from cwo-ccc-a4lc
60	13:43		we changed the gain from 64 to 32 Created by spsop from cwo-ccc-a4lc
61	13:46		gain 0.5 Created by spsop from cwo-ccc-a4lc
62	13:46		C. Tromel took the TZ80 key. Created by spsop from cwo-ccc-a7lc
63	13:50		518 is saturated We misalgin the crystal Created by spsop from cwo-ccc-a4lc
64	13:51		Crystal 2 put back in channeling position 1086 microrad Created by spsop from cwo-ccc-a2lc
65	14:01		TRX3 tripped. Called Charles July. Created by spsop from cwo-ccc-a7lc
66	14:03		Medipix moved in by 200um Created by spsop from cwo-ccc-a2lc
67	14:06		Medipix retracted in steps of 100 um Created by spsop from cwo-ccc-a2lc
68	14:09		third 100um step outwards with Medipix Created by spsop from cwo-ccc-a2lc
69	14:17		200 um steps out with medipix Created by spsop from cwo-ccc-a2lc
70	14:21		medipix in by 2 mm Created by spsop from cwo-ccc-a2lc
71	14:27		Beam dumped , we shift to high intensity: 8 bunches of 10E11 protons each Created by spsop from cwo-ccc-a2lc
72	14:46		TRX3 tripped again. Created by spsop from cwo-ccc-a7lc

FAULTS

#	Group	Fault	Element	Description	Begin	End	Duration
NO FAULT							