

Sheet1

Out-of-lock data to throw out

Time Zone 7 25200
 UNIX Date 01/01/70
 UNIX Conversion 86400

Run	Date	Comment	Bad Time [PDT]		Bad Time [UNIX]		Duration
71	05/23/14	See elog entry on run 76	22:15:40	22:18:44	1400908540	1400908724	184
76	05/24/14	See outa4_backup2.dat	00:40:42	00:46:05	1400917242	1400917565	323
80	05/24/14	When the polarization stopped flipping yesterday, it affected *all* of run 81, and only the very end of run 80. And by "the very end", I mean "thelast 120 seconds"	03:20:00	03:49:04	1400926800	1400928544	1744
81	05/24/14	The polarization flip was off from 03:20 to about 04:00.	Whole Run				
103	05/25/14	Polarization stopped flipping briefly ~ 0.18 hours (~11 minutes) Ago (entered 02:28:14). Not sure If it was this run or the Previous one.	02:13:00	02:14:09	1401009180	1401009249	69
104	05/25/14	Polarization stopped flipping briefly ~ 0.18 hours (~11 minutes) Ago (entered 02:28:14). Not sure If it was this run or the Previous one.	02:16:54	02:30:00	1401009414	1401010200	786
116	05/25/14	OP pulses ended 0.3 hours (18 mins) before the End of run 116 (ended 17:22:40).	16:58:00	17:23:00	1401062280	1401063780	1500
121	05/26/14	BNC box shut off for ~30 minutes at the end Of this run (ended 01:14:55)	00:30:00	01:15:00	1401089400	1401092100	2700
126	05/26/14	(41K) First half of this run 126 is OK. 2nd half, OP out of frequency lock (started 10:39:17)	11:25:00	12:27:07	1401128700	1401132427	3727
283	06/07/14	At about 11:06AM, beam went out briefly, And returned about a minute later.	11:00:00	11:10:00	1402164000	1402164600	600
285	06/07/14	There was a spike in eMCP anode current at about 12:15pm Resulting in a count rate of about 200kHz For several seconds. After the spike, everything seemed to return to normal.	12:10:00	12:20:00	1402168200	1402168800	600
288	06/07/14	SPARK in EMCP between 2100 and 2200 seconds (started 14:21:34)	14:55:00	14:58:00	1402178100	1402178280	180
314	06/08/14	So this is about 40 minutes of (hopefully) good emcp data And 5 minutes of high rate (ended 12:16:55)	12:07:00	12:17:00	1402254420	1402255020	600
343	06/09/14	At end of run 343, OP laser was out of lock for About 3 minutes. (ended 03:05:16)	03:00:00	03:06:00	1402308000	1402308360	360
385	06/09/14	It looked like the trapping laser had been out Of lock for ~400s at the end (ended 23:26:14)	23:16:00	23:27:00	1402380960	1402381620	660
396	06/10/14	Looks like OP laser hopped for last 100 sec (ended 05:22:12)	05:20:00	05:23:00	1402402800	1402402980	180
425	06/11/14	Lost beam about 22 minutes into run 425. Beam was Gone for about 1 minute (started 07:13:54).	07:30:00	07:40:00	1402497000	1402497600	600
428	06/11/14	There was a short beam outage during run 428. The Beam went out about 27 minutes in and it came Back less than a minute later. This occurred again at 28 minutes (short beam outage). (started 09:56:49)	10:22:00	10:32:00	1402507320	1402507920	600

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429	06/11/14	We lost beam for less than a minute at about 10 Minutes into run 429. (started 11:03:38)	11:10:00	11:15:00	1402510200	1402510500	300
429	06/11/14	A short beam outage occurred at about 53 Minutes into run 429. By 54 minutes, the beam was back. (started 11:03:38)	11:54:00	11:59:00	1402512840	1402513140	300
432	06/11/14	Discard the final 300 seconds of data from run 432. (ended 15:19:07)	15:14:00	15:20:00	1402524840	1402525200	360
436	06/11/14	Discard last 400 second of run 436 (ended 18:17:35). FMCP tripped about 2-3 mins before the EOR. Proton beam also died around the same	18:10:00	18:18:00	1402535400	1402535880	480
461	06/12/14	Time. (ended 18:02:10)	17:57:00	18:03:00	1402621020	1402621380	360
482	06/13/14	As Mike reported, the last 3 minutes of run 482 Should be discarded as 'unknown status of OP'. (ended 09:08:19)	09:05:00	09:09:00	1402675500	1402675740	240
487	06/13/14	They took a cup reading 10m15s into run. Still Running. Cup reading done at 12m00s (started 13:51:03)	14:01:00	14:04:00	1402693260	1402693440	180
489	06/13/14	Proton beam tripped at about 4 mins into the Run. (started 14:17:23)	14:20:00	14:23:00	1402694400	1402694580	180
					-2209136400	-2209136400	0

Version 1

02/13/15 Initial read of elog

Version 2

02/16/15 Clarified situation around 103/104

Extended bad time a few second beyond EOR time when situation lasted until EOR