



TRD weekly meeting

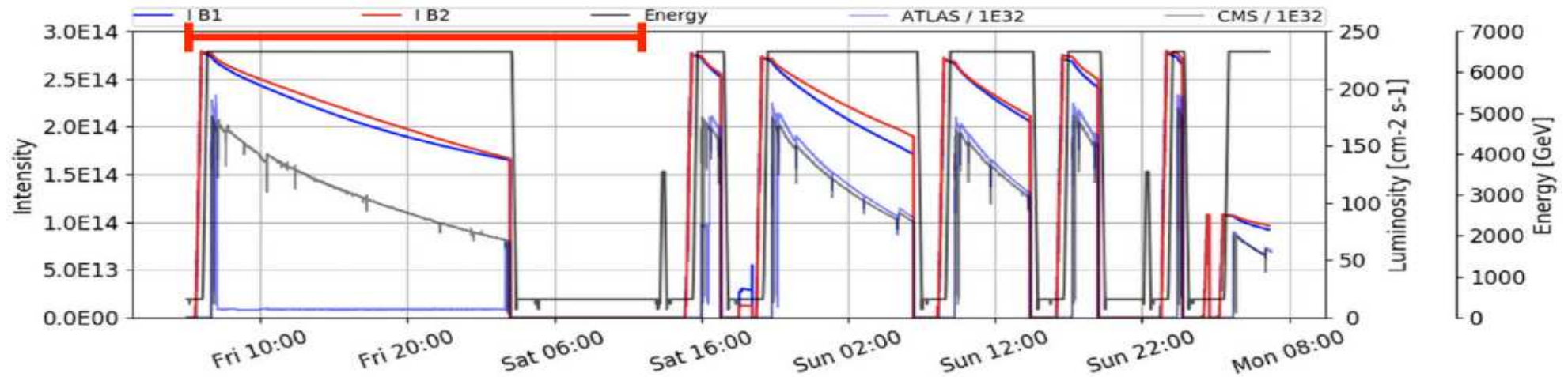
week 28: 9 – 16 July 2018

- LHC status
- TRD status

Alexander Borissov, Münster University, CERN, 16.07.2018

LHC status

Fill Number	Stable Beams Declared	Filling Scheme Name	Stable Beams Start	Stable Beams End	Stable Beams Duration	Data Taking Duration	Pause Duration	SOR/EOR Duration	Efficiency (%)	# of Runs
6929	Yes	25ns_987b_974_878_917_144bpi_13inj	16/07/2018 04:16:33		00:00:00	00:00:-20	00:00:20	00:00:00		1
6927	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	16/07/2018 00:26:46	16/07/2018 00:45:56	00:19:10	00:08:48	00:00:00	00:03:12	45.91	2
6925	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	15/07/2018 17:19:05	15/07/2018 19:01:07	01:42:02	01:31:48	00:00:42	00:04:13	89.97	2
6924	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	15/07/2018 09:22:59	15/07/2018 14:24:15	05:01:16	04:31:44	00:02:06	00:17:08	90.20	9
6923	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	14/07/2018 20:51:08	15/07/2018 06:26:52	09:35:44	09:28:58	00:02:52	00:02:12	98.82	1
6921	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	14/07/2018 16:04:37	14/07/2018 17:20:00	01:15:23	01:05:13	00:00:44	00:05:56	86.51	4
6919	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	13/07/2018 06:42:22	14/07/2018 03:00:23	20:18:01	18:25:07	00:13:05	00:50:00	90.73	25
6913	Yes	Single_12b_9_1_5_BSRT_2018_pilot	12/07/2018 18:39:24	12/07/2018 20:59:52	02:20:28	02:07:52	00:00:00	00:05:47	91.03	3
6912	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	12/07/2018 00:26:30	12/07/2018 13:52:00	13:25:30	12:45:48	00:02:35	00:18:29	95.07	10
6911	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	11/07/2018 11:09:34	11/07/2018 21:34:05	10:24:31	09:14:14	00:03:44	00:17:26	88.75	7
6909	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	09/07/2018 22:58:38	11/07/2018 05:02:31	30:03:53	29:06:02	00:05:17	00:30:46	96.79	15



LHC plan to use 20 hours long fills
Injection of 2556 bunch physics fill now
MD will be from 23 to 27 of July

TRD status

- FED trips in SM 04 (run stopped) but PSUs were ready, powercycled and configured, 11.07
Temporary FED errors in SM 04-04-05 was gone, TRD moved to ready, but 3 runs stopped, 12.07
- HV trips. 02-1-5 with reduced drift voltage from 2002 to 1982 V, 15.07.
HV SM 15 FSM was in mixed state in the transition from ready to beam-tuning, recovered, 14.07.
- Errors during TRD configuration from ACT reported, but not from TRD FSM.
Under discussion with RM.
- New gain tables will be included to TRD configuration after submission.