



TRD weekly meeting

week 20,21: 14 – 24 May 2018

- fill summary
- run 286936
- to do

Alexander Borissov, Münster University, CERN, 24.05.018

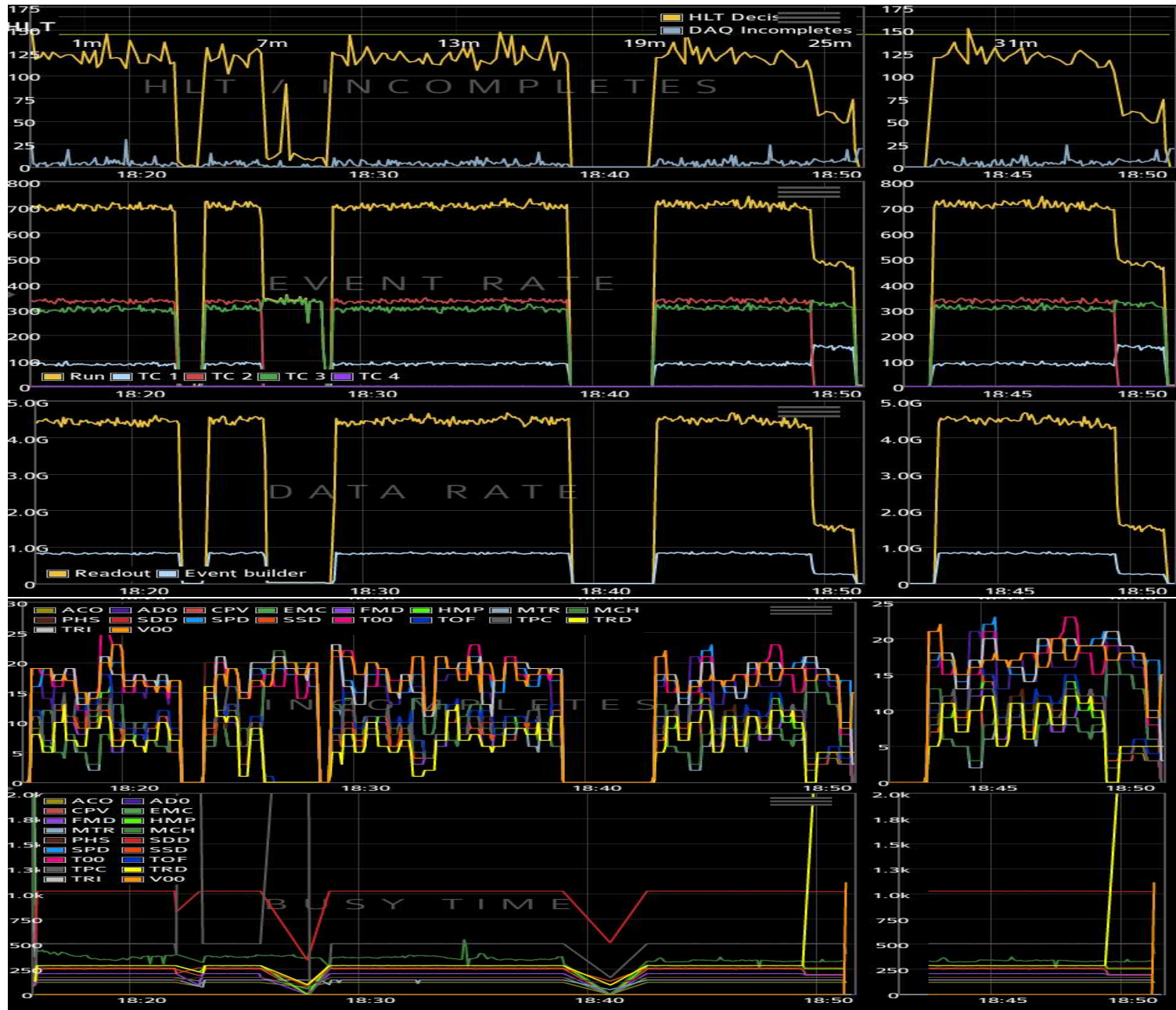
Fill summary

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
6714	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	23/05/2018 07:49:04	23/05/2018 21:47:58	13:58:54	13:32:37	00:06:33	00:14:03	96.87	6
6712	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	22/05/2018 18:41:52	23/05/2018 05:07:35	10:25:43	09:58:31	00:02:40	00:08:41	95.65	4
6711	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	22/05/2018 03:09:42	22/05/2018 16:08:48	12:59:06	12:37:16	00:07:03	00:06:25	97.20	3
6710	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	21/05/2018 13:44:24	21/05/2018 21:52:20	08:07:56	07:48:05	00:02:19	00:09:30	95.93	4
6709	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	20/05/2018 21:59:07	21/05/2018 07:32:27	09:33:20	08:54:44	00:03:51	00:21:16	93.27	10
6706	Yes	25ns_987b_974_878_917_144bpi_13inj	20/05/2018 09:51:05	20/05/2018 13:26:27	03:35:22	03:30:20	00:00:00	00:02:17	97.66	1
6702	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	19/05/2018 22:54:28	20/05/2018 02:13:50	03:19:22	03:05:05	00:01:05	00:02:16	92.84	1
6700	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	19/05/2018 04:14:05	19/05/2018 16:45:31	12:31:26	12:13:08	00:10:19	00:04:13	97.56	2
6699	Yes	Single_10b_9_2_2_BSRT_Calib_pilot	18/05/2018 22:34:29	19/05/2018 01:29:32	02:55:03	02:38:58	00:00:00	00:02:14	90.81	1
6696	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	18/05/2018 02:23:10	18/05/2018 11:00:10	08:37:00	08:16:32	00:09:22	00:06:22	96.04	3
6694	Yes	25ns_2175b_2162_1874_1964_144bpi_19inj	17/05/2018 09:47:30	17/05/2018 19:17:48	09:30:18	06:10:14	00:08:18	00:38:07	64.92	12
6693	Yes	25ns_1887b_1874_1694_1772_144bpi_19inj	16/05/2018 21:15:18	17/05/2018 07:05:51	09:50:33	00:00:00	00:00:00	00:00:00	00.00	0
6692	Yes	25ns_1551b_1538_1404_1467_144bpi_16inj	16/05/2018 18:47:59	16/05/2018 18:57:21	00:09:22	00:00:00	00:00:00	00:00:00	00.00	0
6690	Yes	25ns_1227b_1214_1054_1102_144bpi_14inj	16/05/2018 03:54:59	16/05/2018 12:44:20	08:49:21	00:00:00	00:00:00	00:00:00	00.00	0
6688	Yes	25ns_987b_974_878_917_144bpi_13inj	15/05/2018 19:13:33	15/05/2018 23:51:59	04:38:26	00:00:00	00:00:00	00:00:00	00.00	0
6683	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	15/05/2018 02:22:49	15/05/2018 02:57:41	00:34:52	00:00:00	00:00:00	00:00:00	00.00	0
6681	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	14/05/2018 07:51:17	14/05/2018 21:52:56	14:01:39	00:00:00	00:00:00	00:00:00	00.00	0

Long-time fills with 2556 bunches.

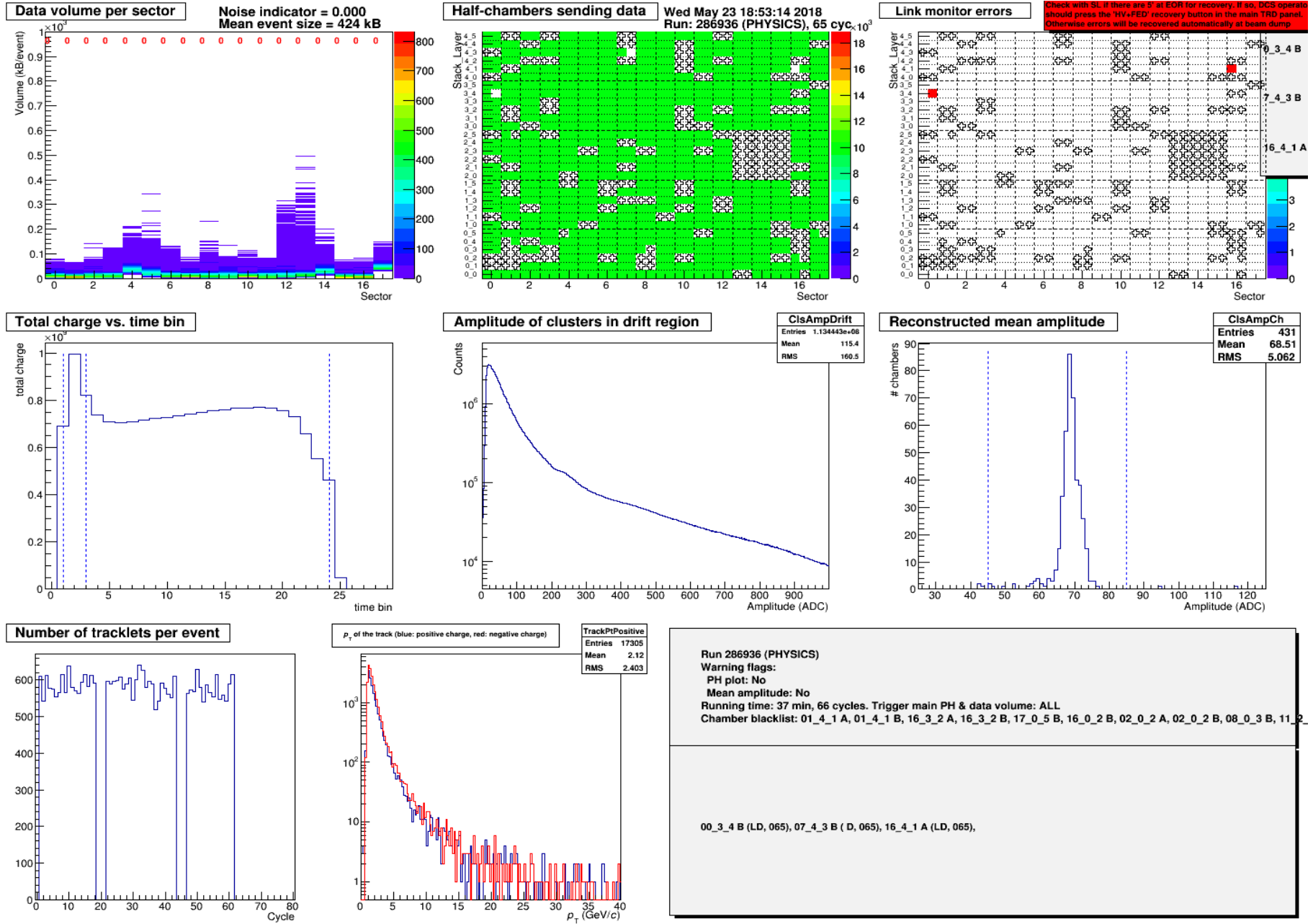
Tests and patching of several TRD chambers on 18.05.

Run 286936 broken on 23.05



TRD got large busy time during the variation of HLT incompletes

DQM plts from run 286936 broken on 23.05



To do

- nginject tests done for 00-3-4, 01-3-4, 07-4-3, 16-4-1 and 15-4-1, 18.05 Alexander.
- patching was done for those chambers, 18.05 Benjamin.
 - ⇒ LMEs remain on 00-3-4 A, 07-4-3 A, 16-4-1 B. Mark it for DQM plots.
- HV of A06-3-4 and its FED switched off. ⇒ Mark it for DQM plots.
HV of several chambers was reduced on 100 V, 23.05 Yvonne.
- Slowest configuration and on of 15-4-1 was 5–10 minutes.
Now full TRD configuration takes about 2 minutes.
 - ⇒ Configuration by TRD person PHYSICS < – > COSMICS remains.
- Tests at 15 Hz/ub rate, similar to PbPb data, are planned.
Could TRD triggers be included?
- TRD DCS/FSM tests can be done during TS1 from 18.06–22.06.