

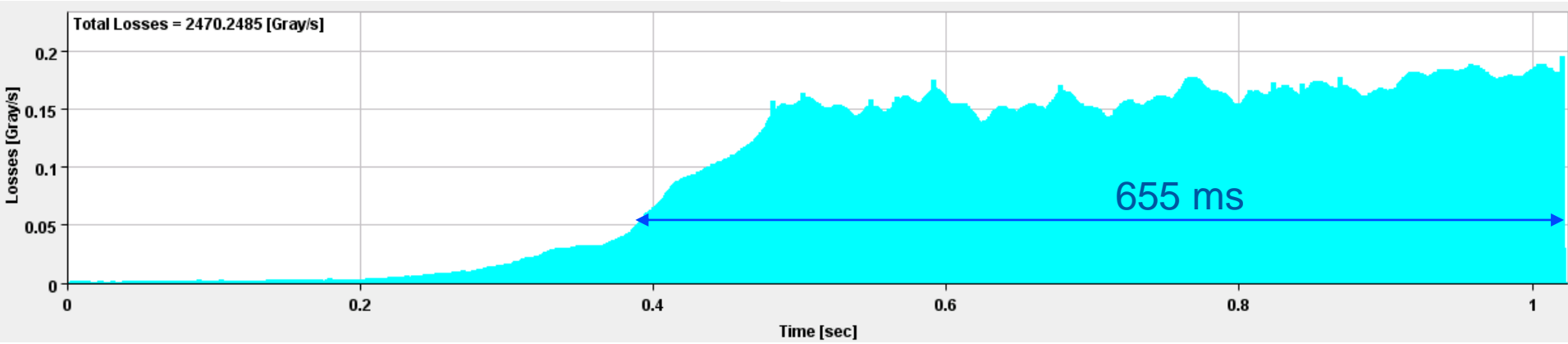
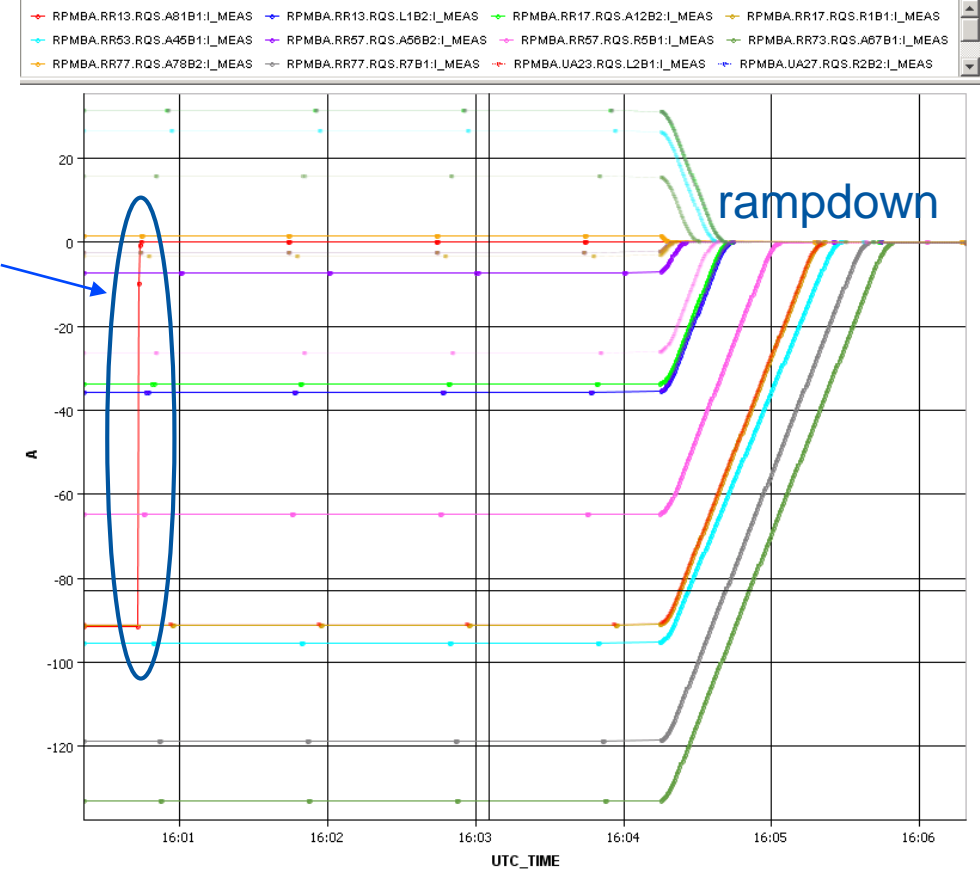


RQS trip on June 16th & coupling correction in the LHC

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Event on June 16th

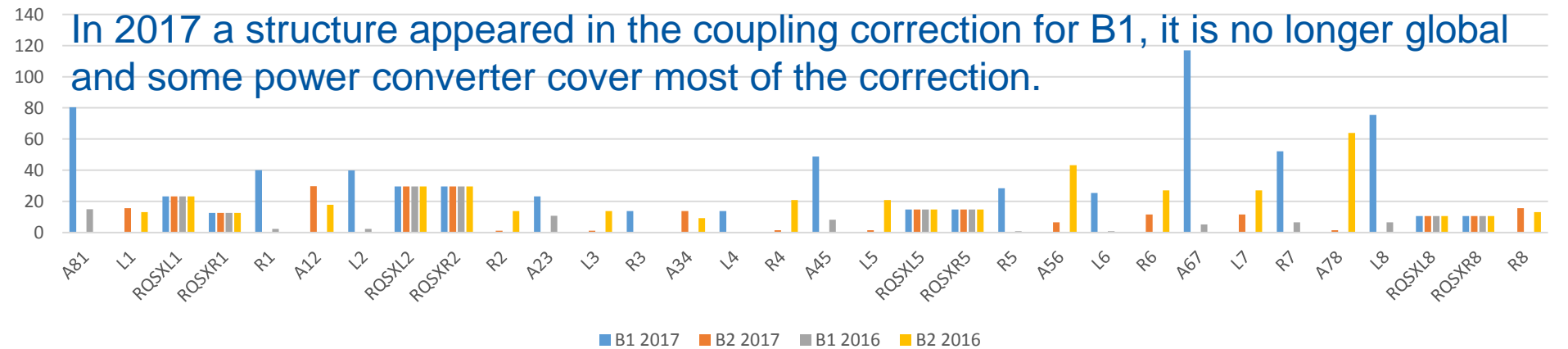
- At 18:02 RQS.A81B1 tripped and went down in 3 seconds.
- After that a dump was triggered by RS08 (655 ms) on a secondary collimator in IR7.



Coupling correction in the LHC

	#quads	I (A) 2017	I (A) 2016	Kmax	Ktot 2017	Ktot 2016		#quads	I (A) 2017	I (A) 2016	Kmax	Ktot 2017	Ktot 2016	
A81	4	-91.5	16.93	123	-80.3893	14.87421		A45	4	-55.5	9.35	123	-48.7607	8.214643
L1	2	-35.66	29.67	123	-15.6649	13.03361		L5	2	-3.34	-47.34	123	-1.46721	-20.7958
RQSXL1	1	162.2	162.2	80	23.17143	23.17143		RQSXL5	1	103.22	103.22	80	14.74571	14.74571
RQSXR1	1	88.48	88.48	80	12.64	12.64		RQSXR5	1	103.22	103.22	80	14.74571	14.74571
R1	2	-91.23	-5.33	123	-40.076	-2.34139		R5	2	-64.82	1.67	123	-28.4745	0.733607
A12	4	-33.89	-20.15	123	-29.7748	-17.7032		A56	4	-7.34	49.21	123	-6.44871	43.2345
L2	2	-90.87	-5.33	123	-39.9179	-2.34139		L6	2	-57.92	1.67	123	-25.4434	0.733607
RQSXL2	1	-206.5	-206.5	80	-29.5	-29.5		R6	2	26.41	-61.66	123	11.60154	-27.0864
RQSXR2	1	-206.5	-206.5	80	-29.5	-29.5		A67	4	-133.15	-5.84	123	-116.982	-5.13086
R2	2	-2.43	-31.31	123	-1.06746	-13.754		L7	2	26.41	-61.66	123	11.60154	-27.0864
A23	4	-26.35	12.19	123	-23.1504	10.70979		R7	2	-118.83	-14.88	123	-52.2003	-6.53657
L3	2	-2.43	-31.31	123	-1.06746	-13.754		A78	4	1.58	-72.82	123	1.388143	-63.9776
R3	2	31.31	0.43	123	13.75404	0.188893		L8	2	-171.9	-14.88	123	-75.5132	-6.53657
A34	4	15.71	10.51	123	13.80236	9.233786		RQSXL8	1	-73.73	-73.73	80	-10.5329	-10.5329
L4	2	31.31	0.43	123	13.75404	0.188893		RQSXR8	1	-73.73	-73.73	80	-10.5329	-10.5329
R4	2	-3.34	-47.34	123	-1.46721	-20.7958		R8	2	-35.66	29.67	123	-15.6649	13.03361

In 2017 a structure appeared in the coupling correction for B1, it is no longer global and some power converter cover most of the correction.





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