

Machine and Run Status

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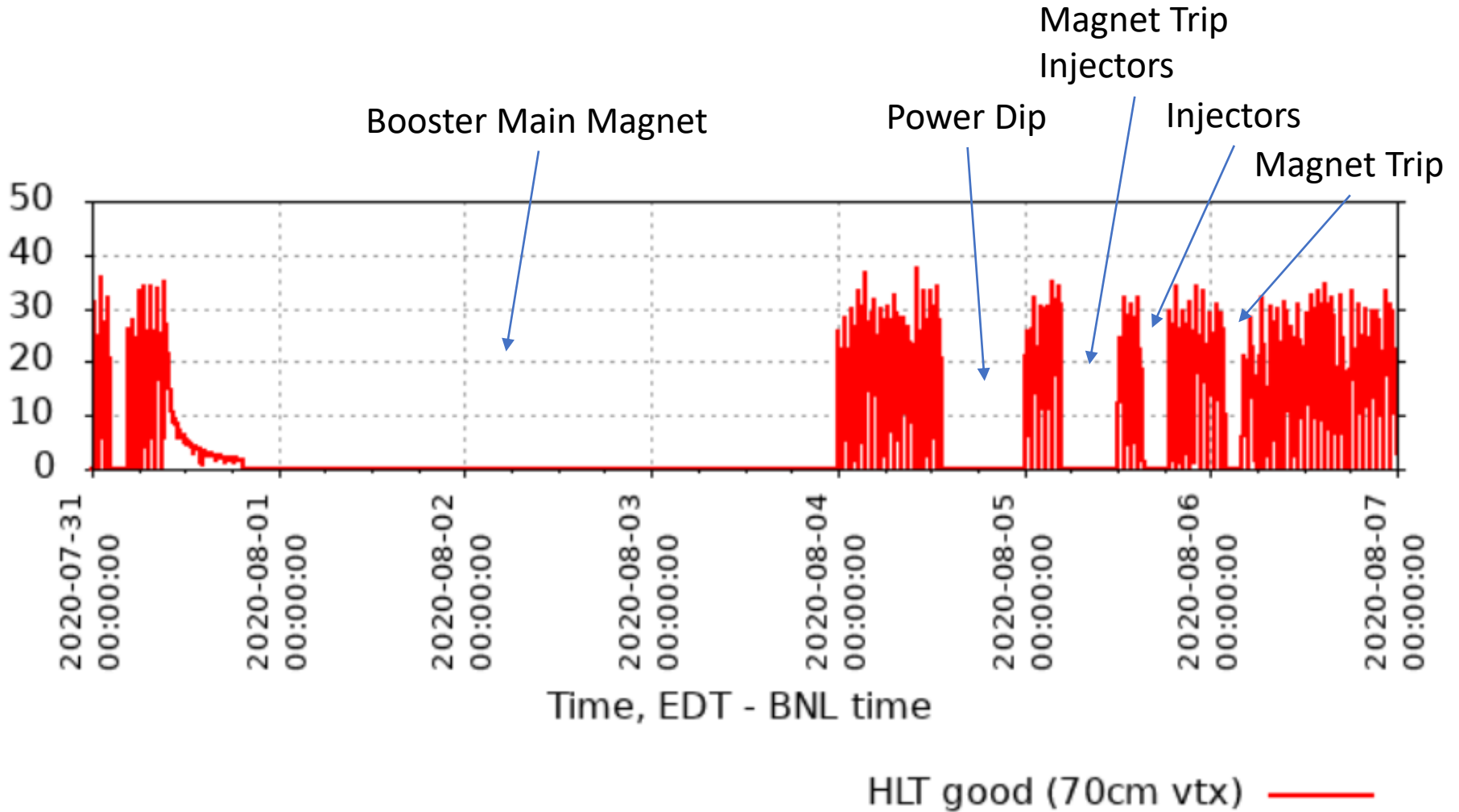
07-August-2020

Run 2020(b)

- **9.2 GeV collisions**

9.2 GeV collisions Run Status

Main breaks for the past week came from Booster and weather (hurricane)



Review of the Past Week

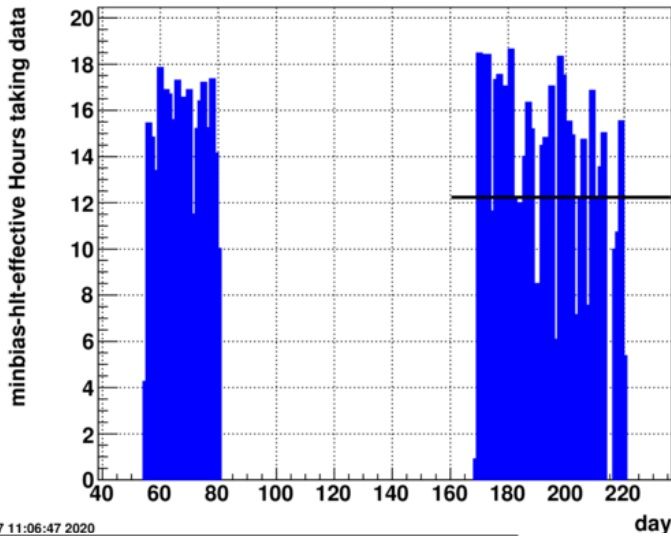
Day	Hours of data taking	Number HLTgood Events	Issues	Hours down
Friday, July 31	(15.0) 10	0.93 M	Booster Main Magnet	12
Saturday Aug 01	0.0	0.0	Booster Main Magnet	24
Sunday Aug 02	0.0	0.0	Booster Main Magnet	24
Monday, Aug 03	0.0	0.0	Booster Main Magnet	24
Tuesday, Aug 04	10.0	1.24 M	Power Dips	10
Wednesday, Aug 05	10.8	1.32 M	Magnet Trip, Injectors, RHIC	10
Thursday, Aug 06	15.6	1.64 M	Magnet Trip	2

QA issues:

- TPC RDO failures have accumulated. Tonko has now (Friday AM) revived two of the recent failures
- BEMC had crate issues, missing boxes through Tuesday, off on Wednesday AM
- eTOF off for most of Wednesday
- Several runs without BBC, ZDC, VPD on Thursday AM

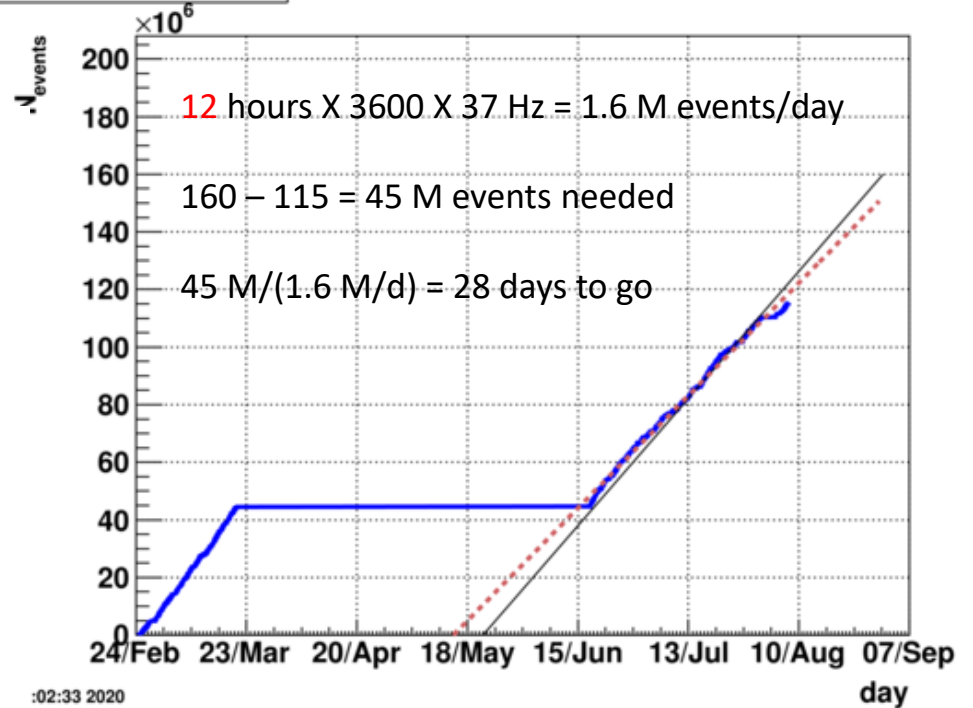
9.2 GeV collisions Run Status

hours_perday_mb_hlt-effective.txt

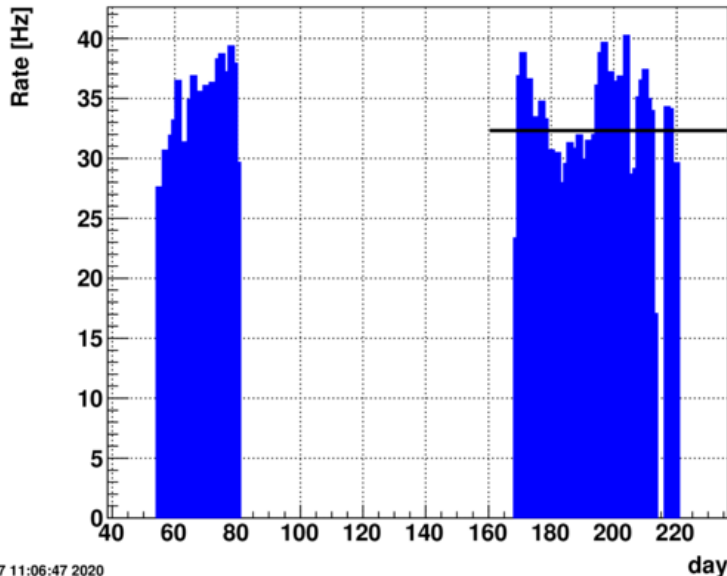


- Last week, average hours per day had been about 12,
- HLTgood average event rate is down a little, now lower 30's. CAD is working on this.
- Currently 115 M, Projected finish Sep. 04th.

minbias-hlt-effective



minbias-hlt-effective Average Rate [Hz]



:02:33 2020

FXT running during CEC

Parasitic running during CeC time is possible when CeC runs ions

The option is FXT at 26.5 (7.2) GeV

→ CEC aborted their proposed run this week... will try again next week

Summary

- 9.2 GeV running has been poor this past week
- Should finish 9.2 GeV in early September
- No FXT run at 26.5 (7.2) GeV this week
- Data QA will be more challenging this week due to STAR detector issues.

Overview of where we were in March

Energy	Start	Finish	First Run	Last Run	HLTgood	Target
11.5 GeV	Dec 10 th	Feb 24 th	20056032	21055017	1235 M	230 M
31.2 FXT	Jan 28 th	Jan 29 th	21028011	21029037	112.5 M	100 M
9.8 FXT	Jan29 th	Feb 1 st	21029051	21032016	108 M	100 M
19.5 FXT	Feb 1 st	Feb 2 nd	21032049	21033017	118 M	100 M
13.5 FXT	Feb 2 nd	Feb 3 rd	21033026	21034013	103 M	100 M
7.3 FXT	Feb 4 th	Feb 5 th	21035003	21036013	117 M	100 M
5.75 FXT	Feb 13 th	Feb 14 th	21044023	21045011	115.6 M	100 M
9.2 GeV	Jan 30 th	Aug?? th	21055032	21000000	115.2 M	160 M
7.7 GeV	Energy		HLTgood w/ eTOF		Target w/ eTOF	
26.5 FXT	31.2 FXT		101.7 M		100 M	
	19.5 FXT		80.4 M		80 M	
	13.5 FXT		88.9 M		70 M	
	9.8 FXT		72.7 M		65 M	
	7.3 FXT		106.4M		50 M	
	5.75 FXT		99.4 M		70 M	
	26.5 FXT		1.96 M		1.7 M	

