

Run 20 RHIC Machine/Experiments Meeting

July 14, 2020

Agenda:

- General discussion of Run 20 status and progress - W. Christie
- RHIC Status - C. Liu
- STAR Status - JH Lee
- All Other Business (AOB)

BLUEJEANS CONNECTION INFO

Meeting URL

https://bluejeans.com/806756566?src=join_info

Meeting ID: **806 756 566**

Want to dial in from a phone?

Dial one of the following numbers:

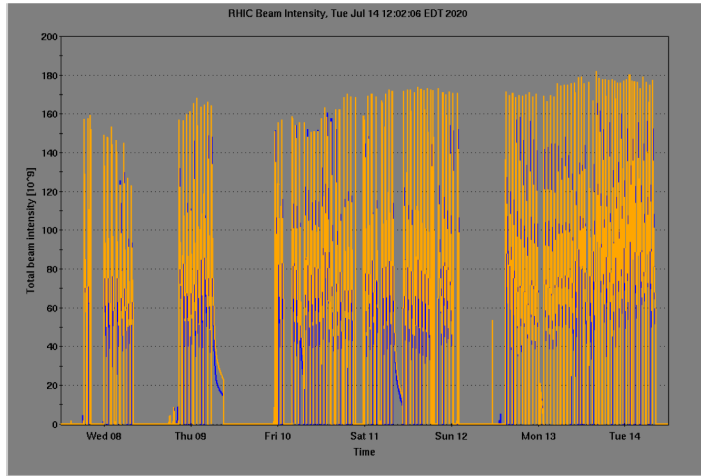
+1.408.419.1715 (United States(San Jose))

+1.408.915.6290 (United States(San Jose))

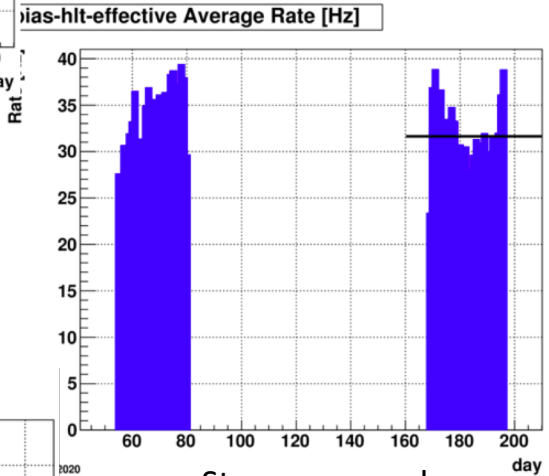
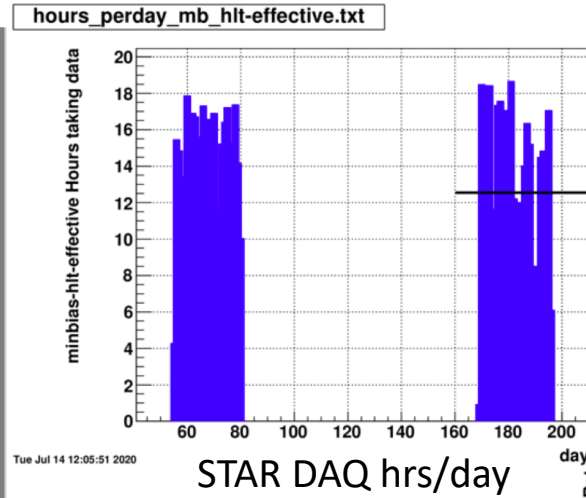
(see all numbers - <https://www.bluejeans.com/premium-numbers>)

Enter the meeting ID and passcode followed by #

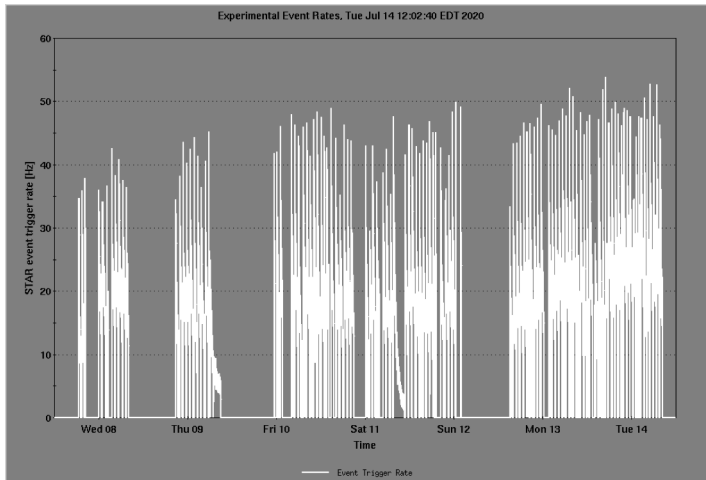
Some Performance Plots for the past week's Operations



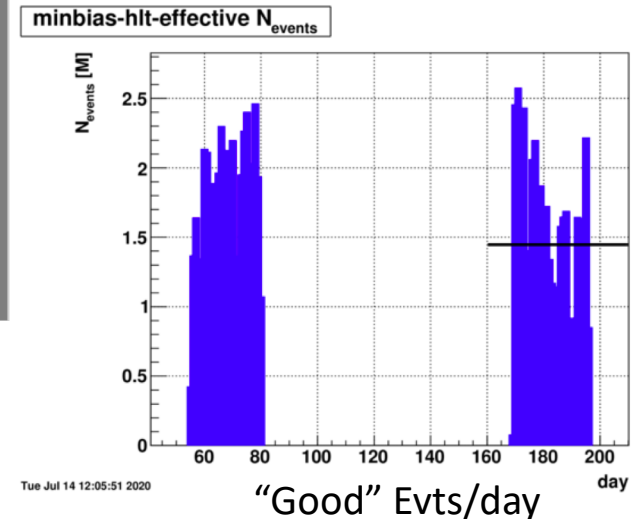
RHIC Store Intensities



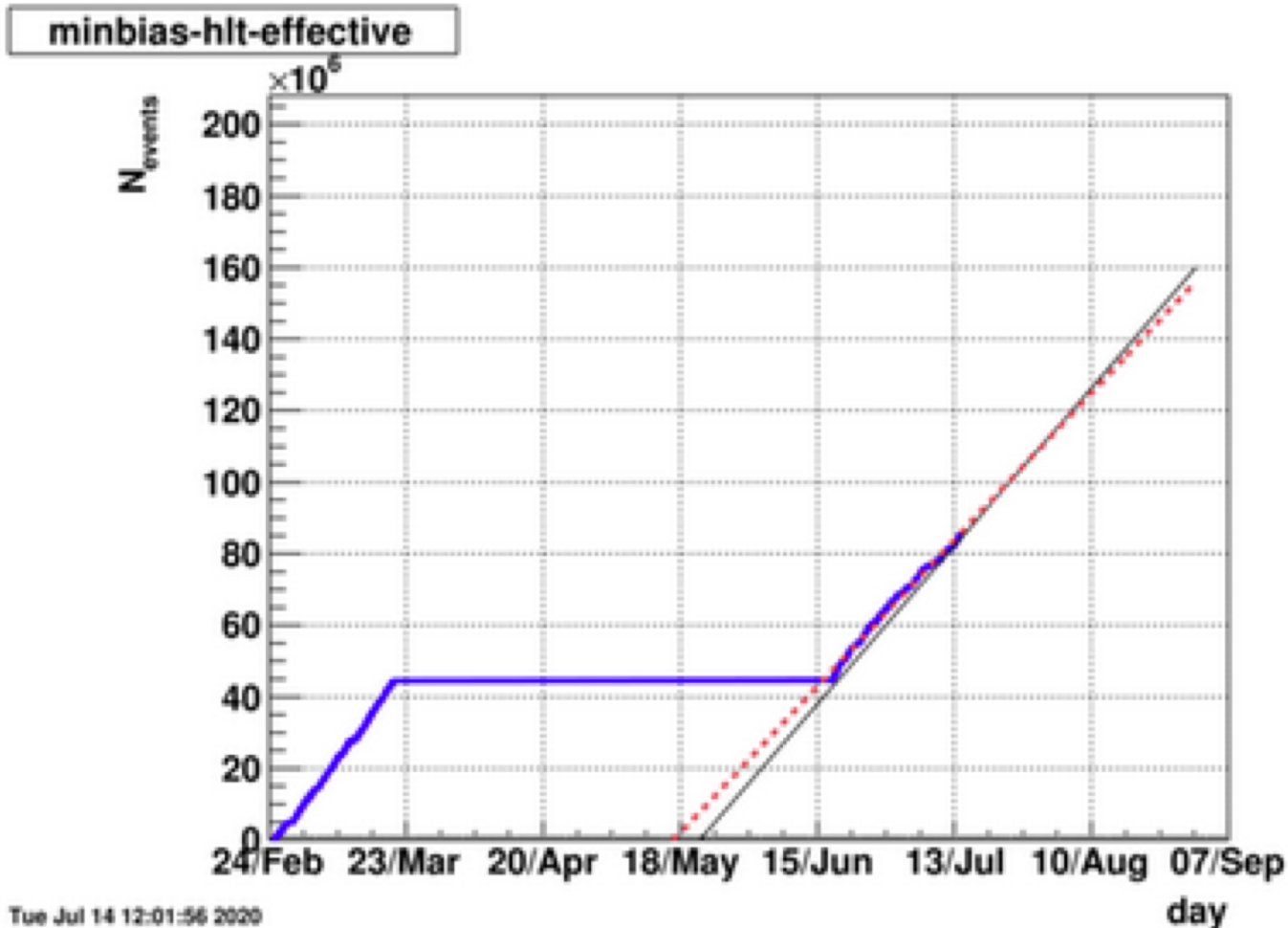
Store averaged "good" evt rates



STAR "Good" Event rates



Current STAR Projections



Many things, in particular weather related, can occur over the next few months which could impact the progress of the run. At this point it appears likely that the run will end sometime in mid September. Please recall the ~ 7.5 days of CeC running as well as 7.7 GeV commissioning time included in the run program.

A Long range Forecast for July

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28 Partly Cloudy Actual: 85° 69° 0.46 in	29 Mostly Cloudy Actual: 84° 68° 0 in	30 Mostly Cloudy Actual: 76° 66° 0 in	1 Mostly Cloudy Actual: 81° 63° 0 in	2 Mostly Sunny Actual: 86° 64° 0.43 in	3 Cloudy Actual: 88° 68° 0 in	4 Cloudy Actual: 83° 66° 0.61 in
5 Mostly Cloudy Actual: 84° 70° 0 in	6 Cloudy Actual: 90° 70° 0 in	7 Cloudy Actual: 74° 68° 0 in	8 Cloudy Actual: 84° 74° 0.02 in	9 Partly Cloudy Actual: 84° 74° 0 in	10 Cloudy Actual: 79° 73° 0 in	11 Foggy Actual: 78° 73° 0.61 in
12 Mostly Sunny Actual: 87° 71° 0 in	13 Partly Cloudy Actual: 83° 73° 0 in	14 Mostly Sunny Forecast: 85° 68° 0 in	15 Partly Cloudy Forecast: 79° 65° 0 in	16 Partly Cloudy Forecast: 76° 67° 0 in	17 AM Showers Forecast: 78° 72° 0.14 in	18 Partly Cloudy Forecast: 86° 73° 0 in
19 Partly Cloudy Forecast: 86° 75° 0 in	20 Mostly Sunny Forecast: 87° 75° 0.03 in	21 Scattered Thunderstorms Forecast: 87° 75° 0.15 in	22 Partly Cloudy Forecast: 87° 74° 0.06 in	23 AM Thunderstorms Forecast: 86° 74° 0.11 in	24 Scattered Thunderstorms Forecast: 85° 73° 0.1 in	25 Partly Cloudy Forecast: 85° 73° 0.02 in
26 Partly Cloudy Forecast: 85° 72° 0.02 in	27 AM Showers Forecast: 84° 72° 0.07 in	28 Scattered Thunderstorms Forecast: 84° 72° 0.18 in	29 Average: 82° 67° 0 in	30 Average: 82° 67° 0 in	31 Average: 82° 67° 0 in	1 Average: 82° 67° 0 in

In general the weather ahead of us looks a lot like the weather we've already experienced. Next week looks like it will be consistently on the hot side.

A meeting to look at the longer range RHIC Schedule

There is a meeting, now scheduled for a week from this Wednesday (July 22nd) to gather input from the various Facilities and Projects impacted by the RHIC schedule to discuss the period between now through the winter of 2022. Brief presentations will be expected addressing the following efforts:

C-AD

- General
- LEReC
- CeC

STAR

sPHENIX

NSRL

BLIP

ATF

The idea is to understand the work that these impacted parties have to accomplish between now through the winter of 2022 (sPHENIX Magnet mapping). Needs & time estimates during the upcoming shutdown between the ongoing Run and the FY 2021 run, the shutdown between the FY 2021 and 2022 runs, and the period after beam operations for the 2022 run to get to the sPHENIX magnet mapping.

Calendars as a possible aid for discussion

2020

September							October						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5				1	2	3	
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30				25	26	27	28	29	30	31

November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7			1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	20	21	22	23	24	25	26
29	30						27	28	29	30	31		

Calendar for Year 2021 (United States)

January							February							March						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6		1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28							28	29	30	31			
6:○	13:●	20:○	28:○				4:○	11:●	19:○	27:○				5:○	13:●	21:○	28:○			

April							May							June						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3						1				1	2	3	4	5
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30			
4:○	11:●	20:○	26:○				3:○	11:●	19:○	26:○				2:○	10:●	17:○	24:○			

July							August							September						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3		1	2	3	4	5	6	7			1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25
25	26	27	28	29	30	31	29	30	31					26	27	28	29	30		
1:○	9:●	17:○	23:○	31:○			8:●	15:○	22:○	30:○				6:●	13:○	20:○	28:○			

October							November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2			1	2	3	4	5	6			1	2	3	4	
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31	
6:●	12:○	20:○	28:○				4:●	11:○	19:○	27:○				4:●	10:○	18:○	26:○			

2022

January							February							March						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
						1		1	2	3	4	5		1	2	3	4	5		
2	3	4	5	6	7	8	6	7	8	9	10	11	12	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28						27	28	29	30	31		
30	31																			
2:●	9:○	17:○	25:○				1:●	8:○	16:○	23:○				2:●	10:○	18:○	25:○			

April							May							June						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2			1	2	3	4	5	6	7			1	2	3	4
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25
24	25	26	27	28	29	30	29	30	31					26	27	28	29	30		
1:●	9:○	16:○	23:○	30:●			8:○	16:○	22:○	30:●				7:○	14:○	20:○	28:●			

AOB