

Run 18 RHIC Machine/Experiments Meeting

May 8, 2018

Agenda:

General discussion of Run 18

- B. Christie

- Plan for transition to 27 GeV AuAu starting Wednesday

All Other Business (AOB)

READYTALK LOGIN INFO

Audio Login

Toll-Free (US & Canada): 866.740.1260

Toll: 303.248.0285

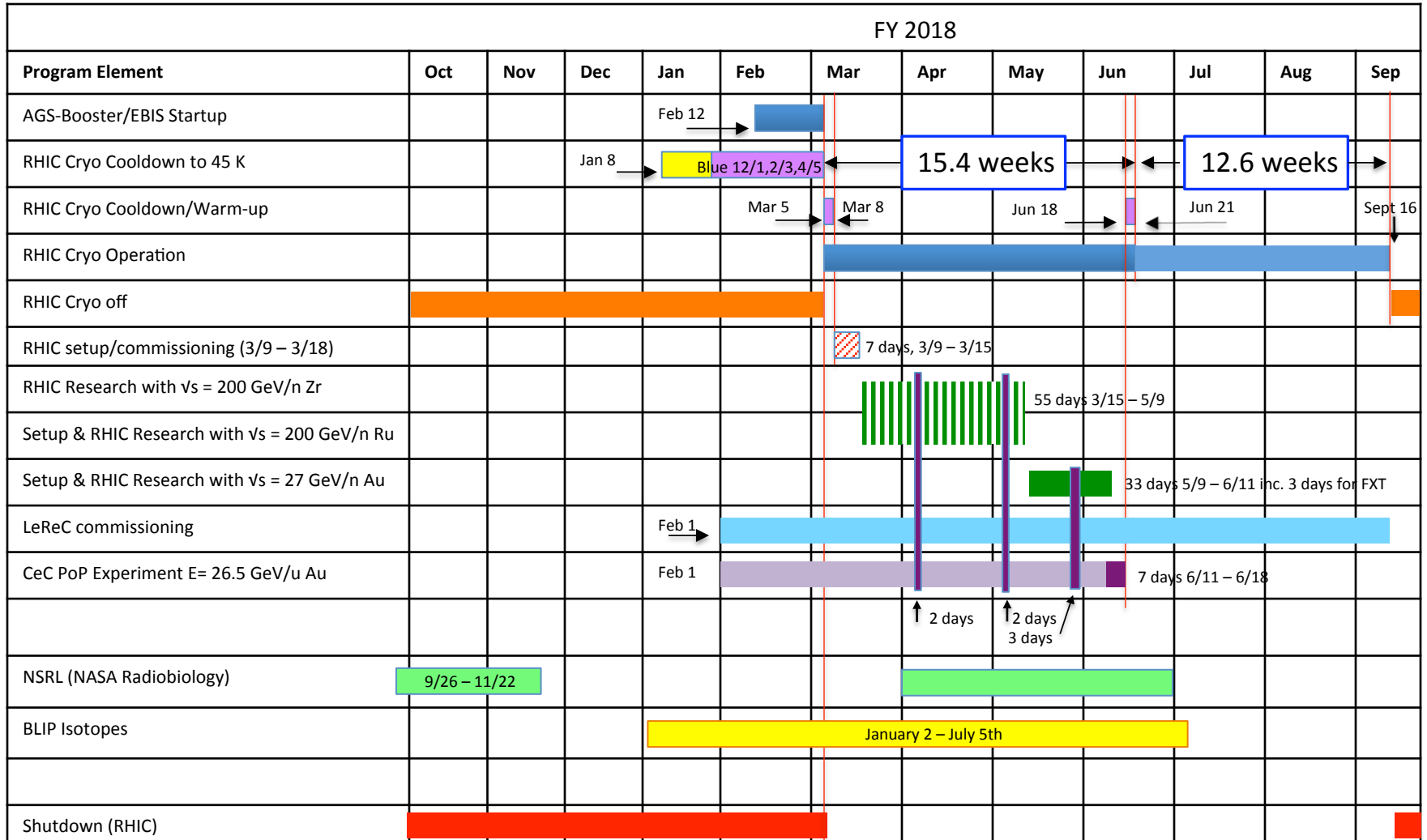
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C-A Operations FY18

Last revision: April 10, 2018



Au run = 33 days (1 setup + 26 “physics” + 3 FXT + 3 CeC)
 “physics” = physics + APEX + maintenance

Dates for first three CeC periods are approximate (early April, early and late May)

CeC parasitic commissioning =

CeC Dedicated running = (Total of 14 days)

N.B. “Physics” running was declared on 3/14, STAR started Physics data on 3/15.

RHIC Schedule for the week starting Monday 5/7/18

Monday (May 7th):

- Physics running until 9:15 am
- 9:30 to 7:30, Dedicated CeC running
- Physics running the rest of the day

Tuesday:

- Physics running until 8:45 am
- 9:00 am to 11:00 am, Access for LeReC
- Physics running the rest of the day.

Wednesday:

- Midnight to 7:45 am, Physics running. *This marks the end of the Isobar Physics running.*
- 8:00 am to 5:00 pm, APEX
- 5:15 pm through the rest of the day, Collider setup and commissioning for the 27 GeV AuAu program

Thursday:

- Collider setup and commissioning continues until it is appropriate to start providing collisions to STAR for experiment setup. These first collisions could start anytime overnight and into the morning.
- STAR experimental setup with collisions expected through the rest of the day

Friday:

- Expectation is that STAR will have triggers tuned, and declare "Physics" running for the 27 GeV AuAu program sometime on Friday.
- Physics running the rest of the day.

Saturday, Sunday & Monday (May 14th):

- Physics running all day

RHIC Run 18, Schedule as Run

- Cool down to 4K for Collider starts on March 4th
- Magnet checkout gets started March 5th
- First injected beam to RHIC March 8th
- “Physics” running Declared March 14th
- STAR starts accumulating Isobar Physics data on March 15th.
- *The planned 55 days for the Ru & Zr running extends until May 9th.*
- First APEX session March 28th
- Scheduled Access on April 4th
- Second APEX session April 11th
- Scheduled Access April 18th
- First session of dedicated CeC running April 19th (13 hours)
- Third APEX session on April 25th
- Second session of dedicated CeC running on April 26th (12 hours)
- Third session of dedicated CeC running on April 27th (8 hours)
- *Fourth session of dedicated CeC running scheduled on May 2nd* (12 hours)
- *Scheduled Access scheduled for May 3rd*
- Fourth session of dedicated CeC running on May 7th (10 hours, Total = 45 hrs)
- End of the Isobar Physics program, 7:45 am May 9th
- Fourth APEX session on May 9th