

Run 18 RHIC Machine/Experiments Meeting

June 12, 2018

Agenda:

General discussion of Run 18

- W. Christie

- Status of 27 GeV AuAu (Physics declared May 10th)
- Schedule for the final week of Run 18
 - 27 GeV Au Au running
 - CeC running
 - APEX
 - Beam development
 - Abort kicker testing
 - High luminosity development

All Other Business (AOB)

READYTALK LOGIN INFO

Audio Login

Toll-Free (US & Canada): 866.740.1260

Toll: 303.248.0285

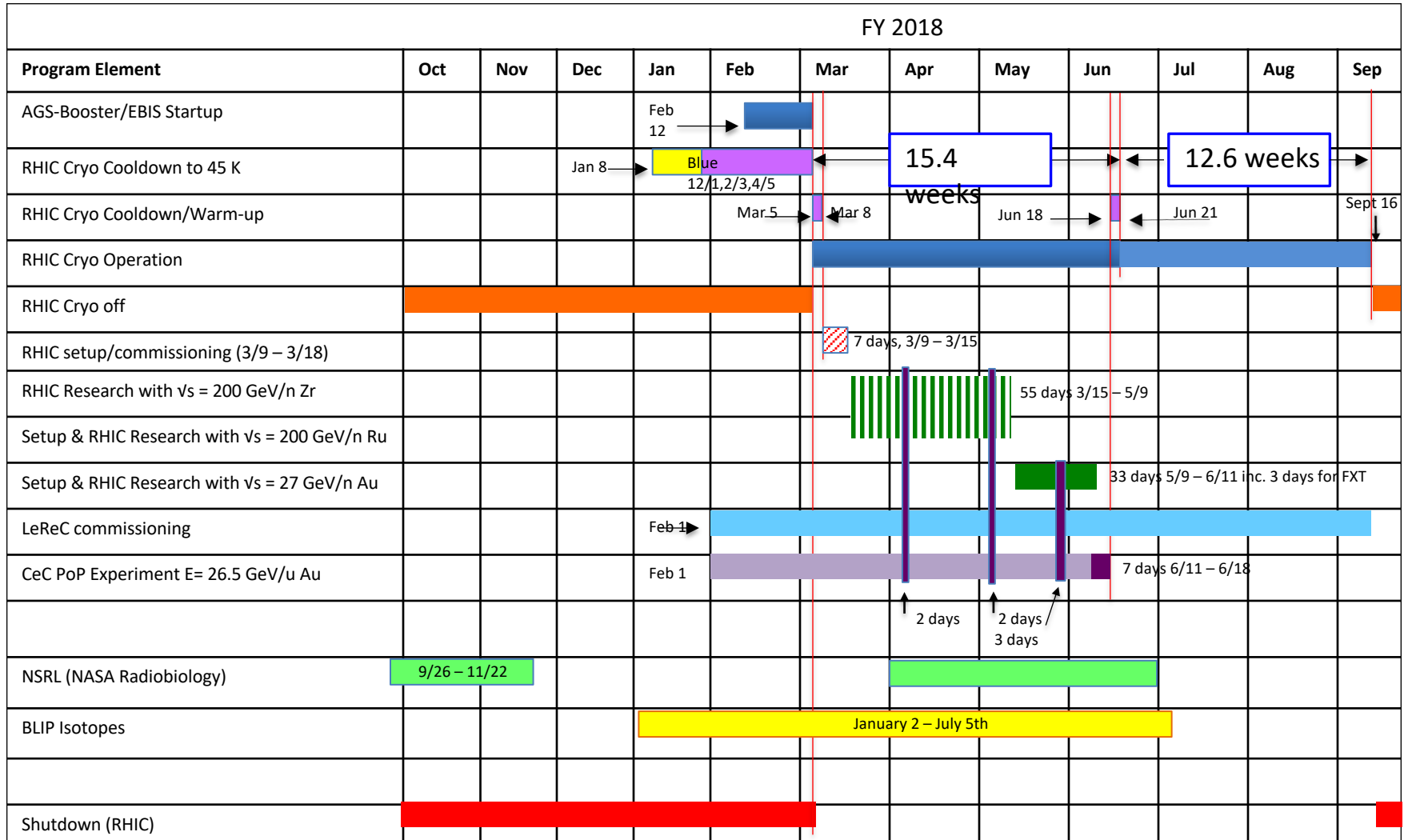
Access Code: 8304505

<https://www.readytalk.com/>

ReadyTalk link <https://core.readytalk.com/interface/guest.jsp?host=readytalk&an=8667401260&ac=8304505>

C-A Operations FY18

Last revision: April 10, 2018



Au run = 33 days (1 setup + 26 "physics" + 3 FXT + 3 CeC)
 3.85 GeV FXT (+ Beam dev.) 5/31 – 6-4
 "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 6/12/18

Tuesday (June 12th):

- Midnight to 1:45 am: CeC running
- 2:00 am to 9:45 am: 27 GeV Au Au Physics running
- 10:00 am to 3:45 pm: CeC running
- 4 pm to 6:45 pm: 27 GeV Au Au Physics running
- 7 pm to midnight: CeC running

Wednesday:

- Midnight to 0:45 am: CeC running
- 1 am to 7:45 pm: 27 GeV Au Au Physics running
- 8 am to 7:45 pm: 9 hours of APEX and 3 hours of RF beam development
- 8 pm to midnight: CeC running

Thursday:

- Midnight until 0:45 am - CeC running
- 1 am to 8:45 am: 27 GeV Au Au Physics running
- 9 am to midnight: CeC running

Friday:

- Midnight to 7:45 am: 27 GeV Au Au Physics running
- 8 am to 6:45 pm: RHIC Abort system Testing
- 7 pm to midnight: CeC running

Saturday:

- Midnight to 0:45 am: CeC running
- 1:00 am to 8:45 am: 27 GeV Au Au Physics running
- 9:00 am to 8:45 pm: CeC running
- 9:00 pm to midnight: 27 GeV Au Au Physics running

Sunday (June 17th):

- Midnight to 8:45 am: 27 GeV Au Au Physics running
- 9:00 am to 8:45 pm: CeC running
- 9:00 pm to midnight: 27 GeV Au Au Physics running

Totals for remainder of Run

CeC running = 62 hours

STAR 27 GeV AuAu = 66 hours

Monday (June 18th):

- Midnight to 7:45 am: 27 GeV Au Au Physics running
- 8:00 am: RHIC Beam Operations end for RHIC run 18.

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 RuRu & ZrZr running extended until May 9th
- First APEX session on March 28th
- Scheduled Access on April 4th
- Second APEX session on April 11th
- Scheduled Access on April 18th
- First session of dedicated CeC running April 19th
- Third APEX session on April 25th
- Second session of dedicated CeC running on April 26th
- Third session of dedicated CeC running on April 27th
- Fourth session of dedicated CeC running on May 2nd
- Scheduled Access on May 3rd
- Fifth session of dedicated CeC running on May 7th
- End of the Isobar Physics program, 7:45 am May 9th
- Fourth APEX session on May 9th
- “Physics” running for 27 GeV AuAu declared May 10th
- Scheduled Access on May 16th
- Sixth session of dedicated CeC running on May 18th
- Remainder of 4th APEX on May 21st, and fifth APEX session on May 23rd
- Seventh session of dedicated CeC running on May 24th
- Eighth session of dedicated CeC running on May 25th
- Ninth session of dedicated CeC running on May 28th
- Scheduled Access on May 30th
- Setup for 3.85 GeV Fixed Target running the evening of May 30th
- Start of 3.85 GeV Fixed Target physics running morning of May 31st
- End of combined 3.85 GeV Au Fixed target run and low energy beam development, noon June 4th.
- Commence final two weeks of ~50-50 27 GeV Au Au Physics and CeC running
- RHIC beam operation ends, 8 am Monday June 18th.

Today's meeting is the last RHIC Coordination meeting for this year!

