

# Run 18 RHIC Machine/Experiments Meeting

*May 1, 2018*

## Agenda:

General discussion of Run 18

- B. Christie

- Draft Proposal for transition to 27 GeV AuAu next week

- STAR response on question of splitting last two wks (CeC/STAR)

All Other Business (AOB)

## READYTALK LOGIN INFO

Audio Login

Toll-Free (US & Canada): 866.740.1260

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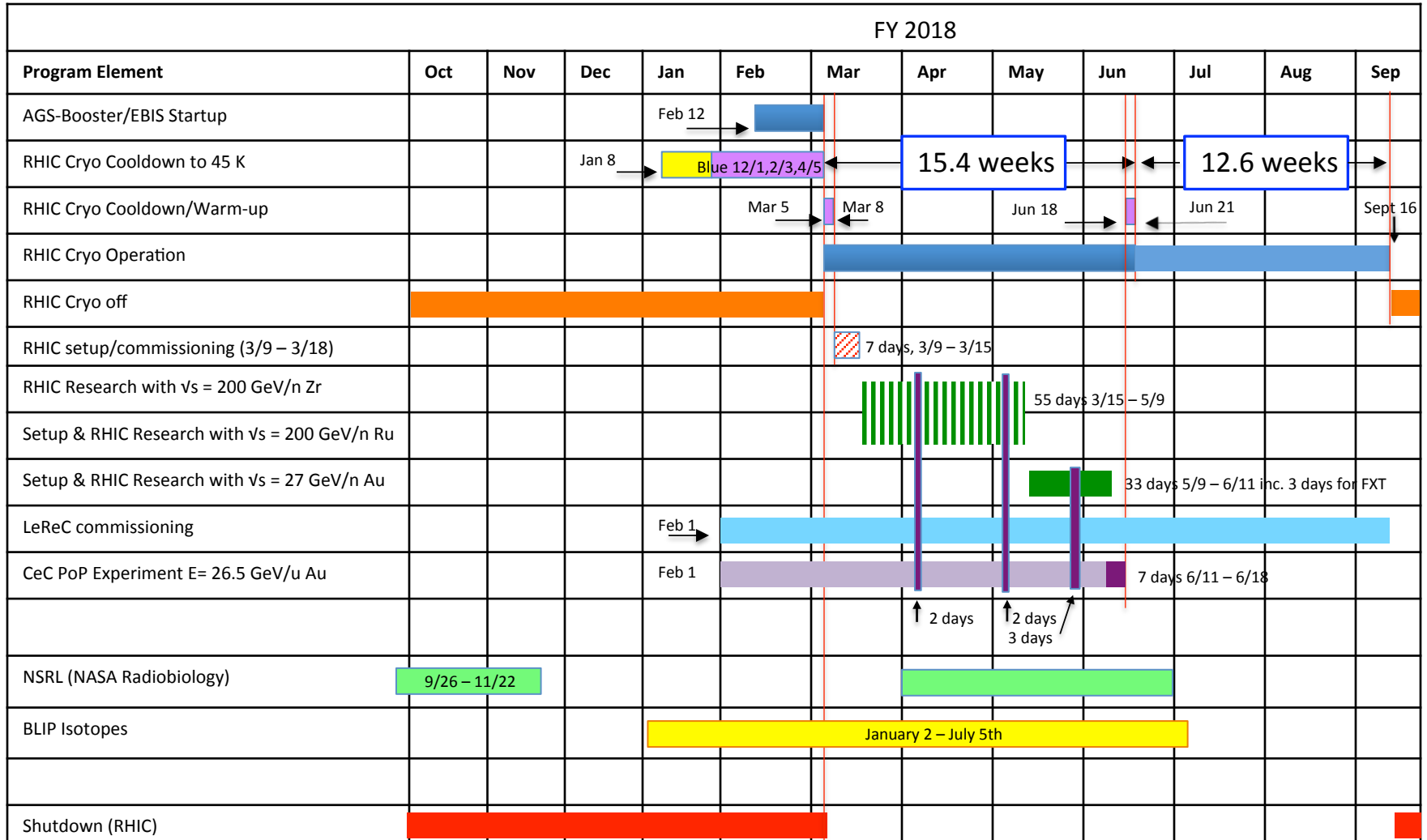
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# C-A Operations FY18

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.**

# Draft Proposal for next weeks transition (To be discussed)

## Monday (May 7<sup>th</sup>):

- Physics running majority of the day
- 1.5 hour Access to IR2 to change LeReC Cathode (sometime during work day)

## Tuesday:

- Physics running all day

## Wednesday:

- Midnight to 7:45 am, Physics running
- 8 am to midnight, APEX

## Thursday:

- 00:01 – Collider commissioning for 27 GeV AuAu running
- ~ noon or so – Provide collisions for Detector calibration and Trigger tuning

## Friday:

- 10 am, Estimate for start of 27 GeV AuAu Physics running

## Saturday, & Sunday:

- Physics running the rest of the day

## Monday (May 14<sup>th</sup>):

- Physics running majority of the day

# RHIC Schedule for the week starting Monday 4/30/18

## Monday (April 30<sup>th</sup>):

- Physics running
- 2 hour Access for vacuum preparatory work for LeReC & CeC.
- Physics running the rest of the day

## Tuesday:

- Physics running essentially all day
- The plan is to continue the overnight store from Monday until 9:45 am, then dump it and allow for an estimated 15 minute LeReC Radiation Safety Committee mandated certification test, prior to filling for the next physics store.
- Physics running the rest of the day.

## Wednesday:

- Midnight to 9:45 am, Physics running
- 10 am to 9:45 pm, Dedicated CeC running
- 10 pm to midnight, Physics running

## Thursday:

- Physics running until 7:45 am, when STAR gets message to prepare to dump.
- 8 am to 4 pm, Scheduled maintenance.
- Laser tuning in IR 2 immediately following maintenance, approximately 2 hours
- Physics running rest of the day

## Friday, Saturday, & Sunday:

- Physics running the rest of the day

## Monday (May 7<sup>th</sup>):

- Physics running majority of the day
- 1.5 hour Access to IR2 to change LeReC Cathode (sometime during work day)

## RHIC Run 18, Schedule as Run

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