Important CEBAF Dates

**CEBAF**

* SAD ends (Jul 2)
* CEBAF Restoration (3 weeks = Jul 5-26)
* Physics Begins (Jul 26)

**PSS/Lock-Up**

* INJ certification (Feb 15 – 26)
* NL certification (May 3 – 21)
* NL lock-ups per Steve (no sooner than June 4)
* MACHINE certification (May 24 – Jun 11)

**Cryo**

* 4K available (Apr 15)
* 2K available (May 15)

Preliminary Commissioning Plan

**Jan 25 – Apr 1 Complete Installation (10 weeks)**

* Complete assembling 6 things (H-Wien, Viewers, Cups, Wien quads, Prebuncher, Kicker)
* Install & align 4 things (Wien, A1A2, FC1)
* Bake 4 things (Prep, Gun, Wien, A1A2)
* PSS INJ certification (means possibility to advance Gun HV conditioning to March)
* Fire pipe installation completed
* Penetrations filled
* Electrical outages over

**Apr 1 – Apr 30 Hot Checkout and System Readiness (4 weeks)**

* ENG – (Magnets, Valves, Viewers, Harp, Prebuncher, Chopper, Wien HVPS, Kicker)
  + “kick-off” meeting soon, when we have a song sheet, CED/layout checked/final
* CIS – (Gun, Laser, Vacuum)
  + Gun
    - HVPS interlocks
    - HV condition 130kV/200kV
    - Remove remaining old components (150kV PS, Interlocks/board, etc)
    - Photocathode ready
  + Laser
    - 4-laser system ON, all beam modes functional
    - Laser outrigger box complete, LOSP updated/ready
    - Lasers aligned to photocathode, lens/PM/Spiricon in room ready
    - Upgrade macropulse chassis & TMG
    - RTP cell aligned, operational (Caryn’s help?)
  + Vacuum
    - Vacuum good
    - UHV PS system stable/reliable
    - IP voltages set, hi-potted if needed
    - Valve shut/overrides working
    - Pcup/Viewer crash inhibit working
    - Harp/Viewer crash inhibit working
    - A1 aperture moves remotely
    - A2 aperture stops in place
    - LCW PCup/A1/A2

**May 3 – June 4 Commission INJ setup @ 130 and 200 kV (5 weeks)**

* PSS INJ mode available
* Restore 130 kV
* HCO with beam, fix things
* Test 200 kV

**Jun 7 – Jul 2 Commission INJ/NL @ 130 + Wiens (4 weeks)**

* PSS Machine Cert (1 week)
* Setup to FC#2
* Wien filter spin calibrations

**Jul 2 – End of SAD**