**WAG LERF Schedule\***

**Kevin Jordan Aug. 12, 2020**

\*straw-person, subject to many changes

Aug 16 – 22

* Cancel 1X power supply move – change to end of September
* Finish LCLS-II CM 20 cryo testing

Aug 23 – 29

* Additional CM 20 LLRF testing?
* Check cathode Qe – receisiate as needed
* Check drive laser; upgrade laser when? Parts order placed Aug. 2020

Aug 30 – Sep 5

* HCO for Isotope run, ion pumps checked, crate fan repair, corrector repair (ISOR&D)
* Check SRF cavity tune
* LCLS-II HE higher power SSAs (8) arrive & go to storage

Sep 6 – 12

* Labor Day
* Re-Commission beam to 1G, then to 1X – What to use for tune beam dump at 1X?

Sep 13 – 19

* Expose Graphite & hBN blocks (already approved) to check survivability
  + ~1kw for 20 min
  + Get Beam Authorization for irradiation
* Expose 100 gram Ga; 1 kW for 30 hours
* Irradiate 100 milligrams of Ga71; 1 kw for 1 hour
  + Check gamma spec to validate models
* Remove shield blocks from LERF vault

Sep 20 – 26

* CEBAF physics run ends, SAD starts
* CEBAF to 4 K
* South linac to 4 K for 3 to 4 weeks
* Move 1X power supply to GTS

Sep 27 – Oct 3

* Pull U-Tubes from LCLS-II CM 20
* Remove CM 20 from LERF

Oct 4 – 10

* Move LCLS-II CM 11 & reinstall shield blocks
* Connect CM 11 cables & waveguide

Oct 11 – 17

* Cooldown CM 11 to 4.2 K

Oct 18 – 24

* CEBAF South Linac to 2 K
* Cooldown CM 11 to 2 K & refill

Oct 25 – 31

* CM 11 testing

Nov 1 – 7

* CM 11 testing

Nov 8 – 14

* CM 11 Testing

Nov 15 – 21

* Remove shield blocks, CM 11 & SSAs
* Ship SSAs back to SLAC

Nov 22 – 28

* Thanksgiving