

Desired GEM running to be incorporated into the run plans

### 1. SBS Latency

- a. **Priority:** Next available opportunity, could be during normal optics and hydrogen elastic running (parasitic).
- b. **Target:** carbon optics or H(e,e'p)
- c. **Who:** GEM expert presence to change latency between runs. Shift crew to start/stop DAQ.
- d. **Plan,** starting with latency of 102, expect this to not vary by more than 1 latency unit. See:  
<https://docs.google.com/spreadsheets/d/1v4JyDDqjxQeohlNITp7jCjC5g6YP7t5lHe3aQXcAyQ/edit#gid=0>

### 2. BigBite and SBS luminosity scan

- a. **Priority:** To be done when accelerator can provide the maximum beam current
- b. **Target:** carbon multi-foil
- c. **Who:** GEM expert presence to monitor divider currents and adjusting BB layer 0 as needed. Shift crew to start/stop DAQ.
- d. **Plan:** See  
<https://sbs.jlab.org/DocDB/0003/000324/001/GEN%20GEM%20Luminosity%20Studies.pdf>
  - i. **Magnets** on

### 3. SBS HV scan

- a. **Priority:** Low, as available, not to take away from GEN running
- b. **Target:** any
- c. **Who:** GEM experts to modify HV during fixed run conditions
- d. **Plan:** low current (~1 uA), see:  
<https://docs.google.com/spreadsheets/d/1ONOpMdQAgFz6FKP5G605jyuHiWJ1Sv1HHhwWhHg7Gnl/edit#gid=1551623608>
- e. **Magnets** on