

Items perhaps not directly covered in talks, need more attention than planned:

In no particular order

1. All SBS experiments should consider implications of lower (10.6 GeV) maximum beam energy – including for lower pass calibrations. Please send any associated configuration changes by the end of August 2019.
 - a. Also don't assume high precision on spectrometer angle positioning (can know installed position well, but movement to a particular position will be difficult).
 - b. What is cutoff where we need to change layouts?
2. Configuration changes will be a major issue... this is not accounted for in the current PAC approval days. Collaboration should develop a run plan including all (de)installations – due to me by September 1
 - a. Consult with Jessie also for times, take cable moves into account,... must be realistic
 - b. Note that RadCon estimating ~a month before anyone can work around/remove anything from the pivot
 - c. Need backup plan in case RadCon won't let Hall A team modify the existing beamline
 - d. For GMn think 100 days total (guessing 2/1/19 – early May 2019) for ALL (reconfigurations, data taking, GEn-RP, RadCon waits,...)
3. SBS needs electronics to be in similar status as BigBite (electronics hut layout, etc..)
4. Beam steering not discussed this time (was in 2018)
 - a. write up a procedure with accelerator for beam steering tests (Yves/Doug)
 - b. develop backup plan if steering doesn't work as expected
 - c. correctors into accelerator software, what interlocks does Yves want?
 - d. work with Robin to understand interplay of three magnets
 - e. move DAQ for beamline out of HRS – check if in right or left arm?
5. Will need documentation for everything
 - a. Have to have all OSPs, etc. in place (note! There's a signature path here!) for request to run (i.e. done by December 2019!)
 - b. Use Hall A Ops manual as a guide – *substantial*, but don't need this much, git a nice approach
 - c. Suggest assign a single point-of-contact for this effort
 - d. Consider NIM article?
6. Subsystem groups should give information to software group regarding requested capabilities and features – document requested (see his slide) for which Andrew didn't give a date, but I think before end of 2019 at the latest
 - a. Online histos,....
 - b. Think also what other detector information do you need to commission your detector?
 - c. Any ancillary measurements?
 - d. Calibration?
7. Need to get ERR response in ASAP to request scheduling

- a. Requires high background rate tracking be addressed, a lot of concerns with this
 - b. Possible to see/include PREX2 plots?
- 8. Evaluate data rates and storage needs – online and offline
 - a. collaboration should determine if there's any anticipated need to buy more CPUs, tapes,...
 - b. report results to A/C management by end of 2019
- 9. Assign collaboration an "installation coordinator" (likely not right title)? Someone to look at experiment as a whole
 - a. Make sure no double-counting of electronics, create master list of all electronics needs (including HV)
 - b. Same for cables
 - c. Perhaps chase documentation
 - d. Coordinate with Robin, Jessie, Jack
- 10. GEp – maybe all - be wary of radiation in Hall... for PREX2, electronics behind green wall (BCM, raster,..) are having trouble – and you'll have less shielding
- 11. Concise (2-3 pages) report on status of the DAQ would be useful
 - a. Fastbus, SSP, mix of new and old Tis – how do we know this will all work together?
- 12. Nothing was presented regarding the coincidence trigger.
 - a. Timing should be specified and coordinated
 - b. A diagram should be developed
 - c. All physical components should be identified.