Run Plan for 5/21 to 6/9 time period

1. Before lock up checkout detectors
   (a) Scintillators need to be checked out with cosmics. Cosmic runs for hadron show problem with S1 paddle 3 and S2 paddle 2 . Electron arm scintillators need a cosmic run. (R. Van de Meer)
   (b) VDC have been checked out but need to look at electron VDC with cosmics.
   (c) FPP chambers are in good shape.
   (d) Finish trigger checkout (B. Michaels)
   (e) Make sure aluminum covers removed from hadron VDCs
   (f) Understand what the helicity scheme is from polarized source group and make sure we are compatible.

2. While waiting for beam conduct a HV plateau scan of the FPP chambers. Step the FPP chambers from 1825 to 1925 in 25V steps. Do one hour long runs . Replay the data with *espace_fpp* and at the espace prompt type the command *exec espace_kumac/fpp_online cosmic=on* . Determine the chamber efficiencies by running the paw kumacs eff_front.kumac and eff_rear.kumac .

3. When beam arrives do Moller detector setup and measurement. This should take about 4 hours. At the same time as Moller measurement, put the deuterium target in and defocus the hadron Q3 (change polarity and set to 60% off nominal current.). The purpose of these measurement is to get straight through data (no carbon). Need about hour of data.

4. If time between Moller setup and spin dance start Q^2=2.168 data taking. See Setting for fpp_q2168 page for more details. Estimate that 24 hours data taking needed.

5. Moller spin dance with Hall B. May start at 10:00am on 5/22 . Probably will last 8 hours.

6. Continue (or start) Q^2=2.168 data taking. See Setting for fpp_q2168 page for more details. Estimate that 24 hours data taking needed.

7. Q^2=2.5 data taking. See Setting for fpp_q25 page for more details. Estimate that 108 hours data taking needed.

8. It is not certain what will happen during facility development. There will be time for third arm development. Other than that it is uncertain, except that the beam will be used.