Last Updated: 09 August 2006

Hall A "LEDEX" RunPlan
1st Low-Energy Beam Period (E_o = 362 MeV): July 24 – Aug. 20, 2006
E05-103

RUN PLAN OVERVIEW

This document provides the "**order of events**" for the 1st beam period, optimized as best as we know before the run. Estimated dates of each activity are provided for rough guidance only to Run Coordinators. Note that, following the notes on our photodisintegration kinematics plot ("kinplot"), the ordering of Kin Points #1-17 should be basically fixed; however, the ordering of the remaining points (#18-38) may change depending on the preliminary polarization results attained for the first 17 points.

The dates at which initial "commissioning" activities take place (e.g. BCM calibrations, Moller running, etc.) is a little uncertain, since some may be able to occur during Collaborative & CSR Tests (July 19-23).

Some activities re-occur periodically throughout the period:

- Beam Calorimeter calibration: roughly once per day see procedures from Arne
- Pedestal runs: roughly once every day or two (see note on LEDEX Procedures for Start-Up).

Dates shown are the optimistic estimates! Difficult to predict how much extra time will be needed for the FPP measurements at the lower momentum settings (where analyzing power drops quickly).

Date	Activity	Location of Procedure Documentation	~ Time
July 19-23 (Collab & CSR Test)	• Radiator comm.. • BCM cal to OLO2 • BCM cal to Unser	• Gilman's head • LEDEX Procedures for Start-Up • ? Hall A web page (Saha)	
July 24-25	Set/Survey Spectrometers	LEDEX Procedures for Start-Up	
July 27, Aug1 Aug 8	Moller measurement Verification helicity sign	Eugene et al. Bob Michaels (*www.jlab.org/~rom/g0helicity.html*)	8 hours ? 1 hour
July 27-Jul 29	H Elastic (**KIN 1, 2, 3**)	LEDEX H Elastic Proc. (KinTable & Plot)	12-16 hours
July 29-30	γD Prod (**KIN 4**), with Radiator Thick. Scan	LEDEX γD Prod. Proc (KinTable & Plot) LEDEX Proc. for Start-Up (item 10)	12 hours 4 hours
July 30-Aug 3	γD Prod (**KIN 5, 6, 7**)	LEDEX γD Prod. Proc (KinTable & Plot)	3 x 12 = 36 hr
Aug 3-5	H Elastic (**KIN 8, 9, 10,10a**)	LEDEX H Elastic Proc. (KinTable & Plot)	12-16 hours
Aug 5-9	γD Prod (**KIN 11,12,13,14**)	LEDEX γD Prod. Proc (KinTable & Plot)	4 x 12 = 48 hr
Aug. 9-10	H Elastic (**KIN 15,16,17,17a**)	LEDEX H Elastic Proc. (KinTable & Plot)	12-16 hours
Aug. 11-15	γD Prod (**KIN 18,19,20,21**)	LEDEX γD Prod. Proc (KinTable & Plot)	4 x 24 = 96 hr
Aug. 15-18	H Elastic (**KIN 22, 23, 24**)	LEDEX H Elastic Proc. (KinTable & Plot)	48 hours
Aug. 18-20	γD Prod (**KIN 25, 26**)	LEDEX γD Prod. Proc (KinTable & Plot)	2 x 48 = 96 hr
TBD	H Elastic (**KIN 27, 28, 29**)	LEDEX H Elastic Proc. (KinTable & Plot)	36 hours (x2)
TBD	γD Prod (**KIN 30,31,32,33**)	LEDEX γD Prod. Proc (KinTable & Plot)	4 x 12 = 48 hr (x2)
TBD	H Elastic (**KIN 34, 35, 36**)	LEDEX H Elastic Proc. (KinTable & Plot)	48 hours (x2)
TBD	γD Prod (**KIN 37, 38**)	LEDEX γD Prod. Proc (KinTable & Plot)	2 x 48 = 48 hr (x2)

Green: updated dates on August 9, 2006 (BDS)
Blue: May be changed