

Long Shutdown Integration Meeting

February 23, 2012

F224-225, 10 am

MINUTES (action items in red)

Action Items Summary:

1. W. Akers: Hall C De-installation schedule with QWeak input (including 12GeV Hall C power supply testing/HMS cooldown – ESR need for the schedule)
2. W. Akers: Hall B De-installation schedule to PMI for implementation
3. D. Napier: Setup Hall B De-installation & Hall C De-installation schedule reviews on calendars.
4. D. Napier/PMI: Pull in the Hall D schedule from the 12GeV project schedule.

• PEPPo Update

- The 2 run at the beginning of the down can be supported with some caviats for staffing. Then 3 weeks of parasitic running during the down.
- Power meter reading impact? No per Will
- Is this the entire scope for PEPPo – yes. If more experiments are needed, then it has to be submitted to PAC.
- Overall staffing concerns – mech techs and alignment techs.
- Still some if's in the analysis of impacts to PEPPo – need to integrated schedule for the full analysis for staffing impacts.

• Information Flow from Physics/12GeV CAMS into integrated schedule (F. Pilat).

- Meeting held last Monday
- Will be similar to what Walt presented a few months ago. Flow being worked and will be distributed to all.

• Plans for FEL operations and development (G. Neil/G.Williams)

- G. Neil's presentation – see website for presentation link. Key points listed below.
 - Run Ops until July 31
 - IR-FEL March/April/May
 - UV-FEL May/June (vacuum/alignment help needed)
 - Darklight (NP) June (vacuum/alignment help needed)
 - 2 week experiment
 - In parallel – refurbish Admiral as new C100 (srf help) – this plan being wrapped up
 - Aug 1 – Dec 1:
 - Firm plans being wrapped up: Install admiral in FL02 & (AR process FEL 03/04)
 - Funding dependent & more planning to be done : Remove existing gun, quarter, install new gun, new cryo unit tbd, transfer line work as well
 - A few months float on this if not done by Dec, but major impacts if longer – will be evaluated when the entire integrated schedule is put together.
 - Vacuum/alignment/mechanical/cryo/electrical help needed for all work
- **Integrated Schedule Development Status (D. Napier)**
 - D. Napier's presentation – see website for presentation link. Key points listed below.
 - Hall B Ready to go – Walt to send later today. – cabling review as this is the major task for outside resource support
 - Hall C evolving: QWeak de-installation being worked & SOS de-installation – from Walt
 - D. Napier to add CM Cooldown/associated maintenance work to non-12gev scope for review
 - Hall D CR today and ready to be pulled from the 12GeV project schedule into the integrated schedule.
 - **Schedule review plan revised:**
 - Week of Feb 13th:
 - Hall A (12GeV & Non-12GeV) – not including magnet mapping – Feb 16th review held – Folts working on changes.
 - Week of Feb 27th:

- FML – Feb 28th meeting scheduled
 - Week of March 5th
 - Hall B De-Installation
 - Hall C De-Installation
 - Week of March 12th:
 - Peppo & Non-12GeV Accelerator
 - FEL
 - Week of March 19th:
 - 12GeV Hall D
 - Week of March 26th:
 - 12GeV Accelerator
 - 12GeV Hall B (installation starts ~Dec 2012)
 - 12GeV Hall C (installation starts ~Oct/Nov 2012)
- **Review List of Issues** **(All)**
 - See updated list of issues document
- **Around the room, updates** **(All)**
 - 12 GeV accelerator L. Harwood
 - SRF & Cryo schedules being processed, Power & I&C in a week. BT and extraction in about 3 weeks.
 - 12 GeV physics G. Young
 - Hall D can take today from P6
 - Hall B installation being looked at (waiting on formal CR)
 - Hall C as well
 - Physics R. Ent, J. Gomez, W. Akers
 - FEL R. Legg
 - Operability S. Suhring, A. Freyberger
 - Engineering W. Oren
 - Let's not forget about the second 6 months of the down!
 - Facilities B. Sperlazza
 - Hoses, material here for tie to CHL2 cooling towers/CHL1 – just need outage planned with accelerator
 - ESH&Q M. Logue, D. Owen
 - PMI P. Collins, H. Derby
 - Integration D. Napier
- **Next meeting** **(F. Pilat)**