

Accelerator Activity Coordination Meeting

- Date of Last Report on CD activities in AD
 - February 4, 2004 (Project Status report)
 - http://computing.fnal.gov/docdb/documents/0002/000274/001/CDhelpsAD_Feb2004.ppt
 - Why are we here?
 - Kickoff of a series of activity coordination meetings
 - Plan to meet together every 1 or 2 months
 - Goal of these meetings
 - To present updates of the status of ongoing projects
 - Review results and conclusions from finished projects
 - Discuss plans/ideas for proposed new projects
 - Today - mainly status of ongoing projects
- AD has an ongoing need for new instrumentation and for software applications to allow them to take advantage of their new instrumentation.
- Should we continue at this level, or
 - Should we do more/less?

VXWorks Support

- CD: Dinker Charak AD contact: FE Group Head/Controls
- Ongoing support
- Tornado 2.x and VxWorks 5.x support.
 - Provide standard build kernel or as per specific request.
 - Provide support to application builders and help with debugging kernel issues. If needed, request for technical support from Wind River Inc (they make Tornado and VxWorks).
- Level of effort 40% for 1 person
- The main task is to provide support so progress can be evaluated in terms of issues raised and issues resolved. Until now 49 out of 56 issues have been resolved.

AD Projects in CD (All projects listed in Feb.04 report)

- **Booster Monitoring project** - support
- **Pbar flying wire upgrade** - support
- **Tevatron Ionization Profile Monitor (IPM) Project** - ongoing
- **SDA Analysis** - ongoing, but reduced level of effort
- **SDA Tools** - support
- **Java Controls Application Tutorial** - complete
- **BLASTdb Accelerator Magnet Database** - phase 1 complete
- **Beam Smoothing Tools** - on hold
- **Tevatron Cusper Software** - on hold
- **Tevatron Tune Fitters** -
- **Run II Luminosity Upgrade Project - Project Management** -
- Moving to AD
- **Booster IPM Calibration and Studies** - ongoing
- **MCR software project** - request withdrawn
- **Controls - Vax migration project**
- **SciDAC Accelerator Simulations** - ongoing
- **TeV BPM project** -ongoing

Effort Reporting for the Run II Accelerator Upgrade project

- Special task codes have been created to track effort in the Run II Accelerator Upgrade Project:
 - New codes will be implemented this month.
 - AD would like to collect all effort info starting from Oct. 04.
 - 56.01.04.05.04.xx TEV BPM Project
 - 56.01.04.05.05.xx TEV IPM Project
 - 56.01.06.xx Project Management
 - All other beams projects will be reported to task 50 codes - at least for the time being.
- Last year we proposed the following task names/#:
 - BEAMS-RECYCL-OP 50.01.13.01 (RRR - Mainly complete)
 - BEAMS-TEV BPM-OP 50.01.13.02 (will move to new code)
 - BEAMS-MGNT-OP 50.01.13.03 (obsolete?)
 - BEAMS-INSTRU-OP 50.01.13.04 (instrumentation projects not included in Run II Acc. Upgrade project)
 - BEAMS-SOFTWARE-OP 50.01.13.05 (ongoing software projects and support not included above)
 - BEAMS-DEVEL-OP 50.01.13.06 (R&D and proposed projects)
- One proposal is to keep the same codes.

Meeting Agenda

- Accelerator Simulation - Panagiotis Spentzouris
- Software Projects- Paul Lebrun -
- IPM Project – Vince Pavlicek
- TeV BPM Project – Steve Wolbers
- Discussion / New project proposals/ AOB

- Controls will be discussed at a future meeting after AD sets up their proposed Vax Migration Project.