



Program Management Group Meeting USCMS Software and Computing Program December 13, 2002

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UMCSMSC Baselines

Baseline 1.0, "morally baselined" by DOE/NSF became obsolete

- ◆ New funding guidance
- ◆ Closed out by the end of FY02

Baseline 2.0: new "workable" baseline

- ◆ Created by L2 and L3 managers – active dialog
- ◆ Documented in Xproject at UCSD
- ◆ Transferred to MS project this week
- ◆ Will be tracked by the L2 and L3 managers
- ◆ Will be used by project accounting



Sample of Baseline 2.0 File

Xproject file data imported to MS project
Not available on the web yet

WBS	Task Name	Start	Finish	DOE	NSF
1	US CMS Facilities Planning Document	10/30/00	10/30/00	\$0.00	\$0.00
1.1	USCMS Facilities Project	10/30/00	10/30/00	\$0.00	\$0.00
1.1.1	Building Components	10/30/00	10/30/00	\$0.00	\$0.00
1.1.1.1	Hardware Benchmarking, Evaluation and Technology Tracking	10/30/00	10/30/00	\$0.00	\$0.00
1.1.1.1.1	Computational and System Elements	10/30/00	10/30/00	\$0.00	\$0.00
1.1.1.1.2	Storage Elements	10/30/00	10/30/00	\$0.00	\$0.00
1.1.1.1.3	Disk Storage	10/30/00	10/30/00	\$0.00	\$0.00
1.1.1.1.3.1	Tracking of evolving Disk Storage Technology	11/1/02	8/1/07	\$0.00	\$0.00



WBS and Project Accounting and WBS

Baseline 2.0 WBS

- ◆ Msproject file uses the USCMS project file template
- ◆ All relevant project information trackable
- ◆ L2 and L3 managers can report on progress monthly
- ◆ Cumulative progress can be reported quarterly

Success with Project Accounting

- ◆ New WBS structure is available
- ◆ Tracking task completion, schedule and cost accurately in the project file
- ◆ Developing methods for seamless integration with effort reporting
- ◆ Continuing with current accounting methods until transition
- ◆ Testing, testing!



Project Accounting

- ◆ USCMSSC is actively working on moving to new FNAL system
- ◆ Actual cost and efforts spent on the project can be tracked ...
- ◆ Now: various budget codes, general ledger, effort reporting
- ◆ Beginning of QT2 of FY03: Project accounting
- ◆ In between:

1. Developing new WBS structure
2. System testing the new structure
3. Accounting for old budget code
4. Developing new reports for the accounting and project reporting
5. Developing Discoverer queries



Other Activities

Project Documents

- ◆ Forth Quarterly Report for FY 02 is available.
- ◆ Lothar to discuss FY02 FTE and Cost report
- ◆ Invoices from Universities:

MPOs signed: U. of Wisconsin, Princeton University and UC Davis

Pending MPOs: Caltech pending task completion report

Quality Assurance

Submitted Code Review Proposal to CMS Software Quality Manager



Conclusion

- Need more work to make the project file fully validated
- Need further understanding for project Accounting system