



U.S. CMS S/C PMG – February 15, 2002

Agenda

- ➔ Project Summary LATBauerdick
- ➔ Project Office Report Bakul Banerjee
- ➔ UF Report Vivian O'Dell
- ➔ CAS Report Ian Fisk



Dates of Reports, Reviews etc

Next PMG

- ➔ Regular date, April 12, 2002 10:00 – 11:30
(however: PAC meeting)

SCOP review

- ➔ Next review 1st week of April? TBD

DOE/NSF review

- ➔ Next is the M&O “baselining” review, for the U.S. LHC Research Program
 - ◆ CMS + ATLAS, at Fermilab
- ➔ Date April 9-11, 2002

- ➔ Software and Computing status report meeting in May, TBD

LCG workshop

- ➔ March 11-15, 2002



LHC Computing Grid Project

SC2 and POB membership

- ➔ M.Kasemann, SC2 chair: letter to Ken Stanfield and Howard Gordon
- ➔ "... invite you to formally nominate a person to represent the Tier 1 Regional Center in your country. Hans Hoffmann will get in contact with you about the representatives for the Project Overview Board."
- ➔ Discussion b/w Gordon, Huth, Kasemann, Robertson: propose that U.S. PMs alternate membership in SC2 and POB
- ➔ starting with Bauerdick in SC2, Huth in POB
- ➔ Next SC2 meeting: March 8
- ➔ Letter, H.Gordon+K.Stanfield...

LHC Computing Grid kick-off workshop March 11-15

- ➔ 4 working groups: Grid technology, Grid deployment, Facilities, Applications
- ➔ Fermilab is represented, e.g. Don Petravick talk on MSS



Test-bed Activities

U.S. CMS Test-bed

- ➔ Smallish clusters of ~5 CPUs, storage at Tier-2 sites, U Wisconsin, Fermilab
- ➔ Sponsored mostly by iVDGL, GriPhyN
- ➔ Small project funds to U Wisconsin:
 - ◆ Proposal for work with physics department group (S. Dasu)
 - ◆ Some seeding funds out of this project
 - Request for \$13k for Project Assistant → Management reserve
 - ◆ Large matching funds from U Wisconsin, including effort at CS department
- ➔ Activities on
 - ◆ Production environment/development
 - Remote job execution
 - File replication
 - ◆ Authentication Infrastructure

Infrastructure Test-bed for Labs

- ➔ Proposal by Ruth Pordes et al
- ➔ DOE funding and Fermilab support requested



Grid Projects

PPDG manpower

- ➔ CMS team: Fermilab, Caltech, UCSD
 - ◆ New: Jim Letts at UCSD (50%)
- ➔ Jim Amundson will change to Panagiotis' group (CD-CPD)
 - ◆ Personnel Requisition out in ODS department
- ➔ Shahzad Muzzafar ends April, will try very hard to extend by 6 months

GriPhyN plan emerging

- ➔ Successful GriPhyN meeting at U of Florida
- ➔ Joint plan on production system, including Virtual Data tools, CMS, GriPhyN and PPDG

iVDGL involvement

- ➔ I Fisk co-chairs Facility working group
- ➔ LATBauerdick co-chairs Applications working group
- ➔ Maybe there IS a chance to get some iVDGL funding to Fermilab??

CMS Grid Integration Plan emerging

- ➔ Claudio Grandi/Bologna leads this new CCS task



ITR Proposals to the NSF

CMS has submitted 5 “small ITR” proposals to the NSF

- ➔ MIT/Rice (Roland/Yepes)
- ➔ Princeton (Tully)
- ➔ Caltech/UCSD (Newman, Branson)
- ➔ UofMinnesota (Rusack)
- ➔ U Wisconsin (Dasu)

These are small proposals, as given by the solicitations

All fit into the larger CMS context

All have significant matching in effort / funding



Allocation Request to DOE

This is how the allocation request looks like:

➔ UF Labor costs:	\$795k
➔ CAS labor costs:	\$870k
➔ PO labor costs:	\$150k
➔ Management Reserve	\$240k
➔ UF Equipment	\$445k

Total: \$2500k to be allocated to Fermilab

The first DOE FinPlan will have half of this sum, i.e. \$1.25M.

- ➔ **this should be used as operations money** mostly to take care of labor costs
- ➔ Subcontracts at Caltech, Princeton, UCD prepared: SOWs, MOUs
- ➔ the equipment part of \$445 should be part of the next batch.



L2 Manager for UF

Vivian O'Dell moves on to D0

CD-CMS Department Head

- ➔ replacement LATBauerdick from today

UF Level2 Manager

- ➔ Will search replacement
- ➔ Fermilab job opening as an Associate Scientist/Scientist
 - ◆ UF management + physics, Analysis Center
- ➔ Interim, until position can be filled, responsibilities fall back to L1
 - ◆ Hans Wenzel will continue to support UF management

Vivian will stay leading the CMS DAQ project at Fermilab

- ➔ which is in CD-CMS



PMP

U.S. CMS S&C Project will be part of the U.S. LHC Program

- ➔ Received edited version of the ATLAS plan, revised to reflect changes
- ➔ Will adapt the U.S. CMS PMP to that wording (project becomes effort)
- ➔ The U.S. CMS S&C effort is run as a U.S. CMS project anyway, so nothing really changes...