

APS/Users Operations Meeting

J. Murray Gibson
August 18, 2010



Agenda

- 2:30 p.m. Refreshments
- 2:45 p.m. APS Update – Murray Gibson
- 3:05 p.m. Upgrade Update – Derrick Mancini
- 3:25 p.m. High Pressure PDF on Sector 11 - Karena Chapman
- 3:45 p.m. Adjourn

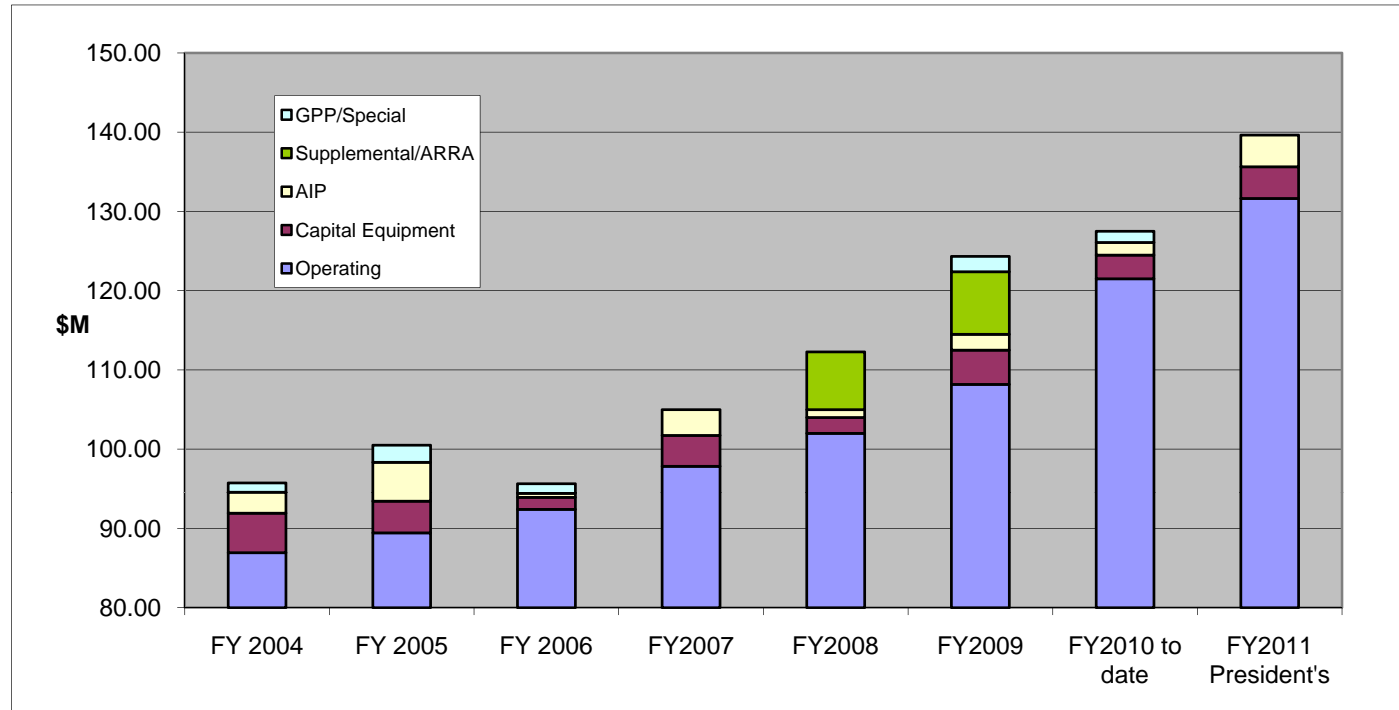


Timely reporting of injuries and safety incidents

- A non – ANL Collaborative Access Team employee wrenched his back while working on controls inside an experimental enclosure on Friday, August 13th
 - The incident was not reported to APS Management until Tuesday, August 17th
- Employees who are injured must call 911 & notify their supervisors within 24 hours
 - engages Laboratory resources for the benefit and aid of employees
 - allows evaluation of work conditions and environment for further prevention or mitigation of circumstances that may lead to unwanted consequences
 - is a DOE metric that affects laboratory performance
- The lab is working on a new system to reduce the burden for simple first-aid reporting (not yet implemented)



Budget update



Almost certain to be a continuing resolution until early CY2011

Budget pressure in congress on 2011 is intense

Fortunately, with lab and DOE help, we will have a healthy "carryover" for the first part of FY 2011 (an increase of ~\$4-5M)

Significant ANL support next year will be necessary to keep both operations and the upgrade on track



APSUO/PUC Joint Meeting

Working Agenda

Tuesday, August 24, 2010 - Building 401, Room A1100

David Tiede, Chair, APSUO, Tom Irving, Chair, PUC

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|-------------------|---|
| 9:00 – 9:15 a.m. | Welcome and Announcements |
| 9:15 – 9:45 | APS Update - <i>Murray Gibson</i> |
| 9:45 – 10:45 | APS Upgrade: Overview and Status - <i>Derrick Mancini</i> |
| 10:45 – 11:45 | APS Upgrade: Experimental Facilities - <i>Dean Haeffner</i> |
| 11:45 – 12:30 | APS Upgrade: Accelerator Systems - <i>Michael Borland</i> |
| 12:30 – 1:30 p.m. | Working Lunch: Discussion of Current Upgrade Plans
(box lunches will be served) - <i>Dennis Mills, Discussion Leader</i> |
| 1:30 – 4:00 | Executive Session Discussions |
| 4:00 | Adjourn |



University of Chicago Review of Photon Sciences and Advanced Photon Source Upgrade (August 30-31, 2010)

Monday, August 30, 2010: Building 401, A5000

8:15 – 8:30	Eric Isaacs – Welcome
8:30 – 9:30	J. Murray Gibson – Introductions
9:45 – 10:15	Overview of APS Upgrade – Derrick Mancini
10:15 – 10:45	Panel Q&A on overview provided – Isaacs, Gibson, Mancini
10:45 – 11:30	Accelerator Upgrade – Michael Borland
11:30 – 12:30	Working Lunch
12:30 – 1:00 pm	Ultrafast Dynamics – Linda Young
1:00 – 1:30	Imaging and Coherence – Chris Jacobsen
1:30 – 2:00	High Resolution Spectroscopy – Steve Heald
2:30 – 3:00	Extreme Conditions – Jonathan Lang
3:00 – 3:30	Interfaces in Complex Systems – Paul Zschack
3:30 – 4:00	Proteins to Organisms – Stefan Vogt
4:30 – 5:30	Discussion
5:15 – 5:45	Joanne Livengood & Ron Lutha to meet with members of the Committee

Tuesday, August 31, 2010: Building 401, A5000

8:30 – 9:00	Enabling capabilities – Mohan Ramanathan
9:00 – 9:30	Committee Discussion & Follow-up on any committee questions/issues remaining from Day 1
9:30 – 10:00	Question & Answer on CDR – J. Murray Gibson and Derrick Mancini
10:15 – 12:00	Upgrade Project Overview – Derrick Mancini, Geoff Pile, Rod Gerig
12:00 – 12:30 pm	Q&A period on project management
1:00 – 1:45	Roundtable on bigger picture – Eric Isaacs, J. Murray Gibson, Derrick Mancini and Mark Peters
4:00 – 5:00	Closeout - Committee
5:00	Adjourn



UC Committee Members

Charles V. Shank ~ Chair

Professor of Physics and Chemistry Emeritus, University of California – Berkeley
Laboratory Director Emeritus, Lawrence Berkeley National Laboratory

Brent Fultz - Professor of Materials Science and Applied Physics,
California Institute of Technology

Janos Kirz - Scientific Advisor - Advanced Light Source –
Lawrence Berkeley National Laboratory

Carolyn Larabell - Professor, Department of Anatomy, University of California
at San Francisco and Faculty Scientist, Physical Biosciences Division, Lawrence
Berkeley National Lab

Jim Murphy - Deputy Chairman for Accelerator and Operations
National Synchrotron Light Source (NSLS) - Brookhaven National Laboratory

Jean Susini - Instrumentation Services and Development Division Head (ISDD)
European Synchrotron Radiation Facility (ESRF)

Michael Toney - Senior Staff Scientist Stanford, Synchrotron Radiation Laboratory -
SLAC National Accelerator Laboratory



LCLS Dedication



August 18th 2010
Stanford CA

On Sept 3rd John Galayda and Claudio Pellegrini will attend a ceremony here at ANL to recognize our essential role

To the LCLS Team

WORLD'S FIRST X-RAY FREE-ELECTRON LASER

The demonstration on April 10th, 2009, of the first X-ray lasing at a wavelength of 1.5 Å, in the Linac Coherent Light Source (LCLS) free-electron laser, is a historic landmark in the development of coherent electromagnetic radiation sources.

On behalf of the entire free-electron laser community, the members of the Executive Committee of the International Free-electron Laser Conference wish to express their congratulations and appreciation to the LCLS scientists and engineers.

The exceptional and successful work of the LCLS team, under outstanding leadership, has made it possible to realize the vision of the many scientists who conceived and promoted the development of atomic scale wavelength free-electron lasers with their groundbreaking theoretical, experimental and technological achievements.

Liverpool August 25th, 2009

John D. Smith	Abraham Gover	V. Schiavone
Rob. Strohriegl	Angelo Di Felice	Alex Holm
Charles Robinson	J. Lybrand	Claudio Pellegrini
Chris Strohriegl	Kang-Jin Kim	Richard P. Walker
N. Vinogradov	W. Coburn	J. Clarke
Gregory		Luca M. J. Moran
Diego...		





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