

InterCAT Technical Working Group Meeting March 20, 2003

Agenda Review and TWG Activity Summary: (Reinhard Pahl)
Reinhard called the meeting to order and reviewed the agenda.

APS Updates and Presentations

A new PSS Design (John Carwardine and Roy Emerson, APS/ASD)

John and Roy presented the design criteria for the next version of the APS Personnel Safety System (PSS): Version 3. The development is motivated by new and additional requirements demanded by the new canted-undulator beamlines coming on-line shortly. Roy discussed the design criteria based on the lessons learned from several years of operation of the current PSS systems – Version 1 and 2 are in operation simultaneously. The complete presentation is available at <http://www.aps.anl.gov/cats/twg/minutes.html>. Responding to a question of how extensive the safety review for the new system would be, John commented that it may actually be less extensive than in the past but it will depend on the actual changes made.

APS Detector Pool - Update (Petr Illinski, XFD)

Petr reported the progress made on the detector pool. The majority of the capital equipment planned for procurement in FY2003 has been ordered and several items have already been delivered; such as several silicon drift-detectors and the CoolSNAP HQ CCD detector from Roper Scientific. The marCCD-165 area detector is scheduled for delivery in August.

Petr also discussed differences between the Yap/Ce PMT detectors from Oxford and APD detectors from Hamamatsu. In addition, Petr reported from an interesting workshop on X-ray detectors he attended at the ESRF in February (To learn more about the ESRF detector workshop see <http://www.esrf.fr/Conferences/UsersMeeting2003/Detectors/>). If you are interested in joining the detector pool mailing list, please write an e-mail to listserv@aps.anl.gov, and add in the body of the text “add aps_detectors”.

The EPICS OMS Servo support (Eric Dufresne, MHATT-CAT)

Eric described the EPICS/OMS installation at Sector 7 supporting the use of “MicroMO” servo motors. MHATT-CAT uses these motors in home-made slits systems for coherent X-ray experiments. The details for the EPICS setup are available at the following URL: <http://www.mhatt.aps.anl.gov/~dufresne/Manuals/servos/>

Next TWG meeting:

The next meeting will be held at 10h30 on Thursday April 17, 2003 in Bldg.401, Room A1100.