Minutes for the September 7, 2011, CERES Production Oversight Board Meeting

Meeting began at 1:05 p.m. in Building 1250 Room 116.

Meeting Notes

There were no comments or corrections on the minutes from the last meeting.

Announcements

Subsystem Leads please respond by Monday September 12 to the email requesting comments on the Exit Code ranges.

NPP Science Readiness Review for CERES will be held on Friday September 16 beginning at 9 am in Bldg. 1250, Rm. 116.

Open Action Items

1. Discuss the ISCCP-D2like-FlxDay/Nit file names with Dave Doelling. (2/16/11 – Jonathan)
2. Provide answers to Raja's questions she emailed recently. (3/16/11 – Jonathan)

FM5 Status

There are six (6) deliveries to support NPP at launch. Two (2) PGEs have already been promoted with three (3) others currently in SIT testing. The one (1) remaining PGE (CER1.1P8) for SCCR 866 will be delivered on Friday, September 9th.

CERES needs to request a waiver for ERBCARS NPP PGEs and StorNext. The waiver needs to be forwarded to Bob Schweiss who will send it on to the project.

Launch is still scheduled for October 25.

SCCR Discussion (SCCRs that have been submitted or updated since the last meeting)

Instrument 856 – Disapproved as the updates will be delivered in the full PGE deliveries that are being made for SCCR 865 & 866.

Instrument 866 – Updates are currently being tested, looking into why on random dates the radiances are not matching those from the Ada code for 1 or 2 scans during the day.

Systems

There are upcoming hardware upgrades for AMI-P, 32 new x86 cores are being added. The new grid-engine is currently being tested with MISR and will be deployed along with the newly added hardware. Nelson has asked for access to the new grid-engine so that he can test it before it is released for CERES production.

Aqua-MODIS MAC data is missing from the DPO, the data may need to be re-ordered and any needed data should be reported to Pat Earl for her to request the missing data. Need a way to check that all data that is available is moved to the DPO. It is not possible for the ASDC to check that all data files are in the DPO. Each subsystem must report files missing from the DPO to ASDC. If the files are missing, but available in the Archive, let Sue Sorlie know so

the files can be copied from the Archive. If the files are missing, but not in the Archive, then they should be reported to Pat Earl for her to re-order the data.

Status of Open SCCRs
859 – Should be delivered next week, looking for new Exit Codes.
846 – Will be delivered with Inversion.
863 – Will be in SIT for 1 – 2 more weeks.
866 – Being tested before delivery on Friday.
740 – Angel finished the Test Plan tests yesterday. Edition3 only lists satellite not instrument, needs update in ASDC scripts and database.
865 – Delivered to CERES CM.
770 – Released to SIT. Vertley is looking at it.
809 – Lower priority due to NPP needs.
814 – 1P4 and 1P5 scripts are being worked. Scripts should be available by Sept. 23rd for Victor to complete his testing.
763 – Waiting for Science approval.
804 – Promotion on Sept. 12.
801 – On hold. Green light to go forward with what they have for the magneto version of the PGE. Nov. 2005 thru Nov. 2010 will be run for Science to review.
787 – No update.

Additions to the Posted Reports

Toolkit
No updates to status report.

CERESlib
No updates to status report.

Perl_Lib
Network messaging was added to the stress test copy of Perl_Lib to allow the jobs to report when they are completed.

CERES Processing System
No updates to status report.

Instrument
No updates to the status report.

ERBE-like
Two (2) PGEs were compiled and run on an x86. Working with updated scripts to copy files to the Web directory, but not yet working. Files may need to be copied as part of the SGE driver script, or as part of the epilogue processing? Need to work with ASDC on how to best handle Web products getting from production to the proper area to be seen by the CERES WG web pages.

Clouds
New snow retrieval being work for Edition5 and later.

Convolution
Created a month of CERES-like ERBE data from 1986.

Inversion
No updates to status report.

SARB
Edition4 SARB being worked, possible delivery in Spring 2012. Algorithm questions still being
    worked.

TISA Gridding & GGEO
Working on updates, probably for Edition4 GGEO. The 3-hourly files may be reworked to be 1-
    hourly files.

TISA Averaging
No updates to the status report.

Production Processing Database/Automation
Database is back on-line and work is able to continue.

Ordering Tool
No updates to status report.

FM5
NCT4 successfully completed.

Meeting ended at 2:02 p. m.