

CERES Systems Engineering Committee

Members: Tammy Ayers, SAIC/DMT
Denise Cooper, SAIC/DMT
Vertley Hopson, SAIC/ASDC
Lisa Link, SAIC/ASDC
Sandy Nolan, SAIC/DMT

Charter: Serve as a forum for resolving issues which affect more than one working group.
Report to CERES Data Management Team.

February 22, 2006 11:00 a.m.

Vertley Hopson was not present. The following people joined the SEC for this meeting: Erika Geier, Sue Sorlie, Lisa Coleman, Scott Zentz, Tom Caldwell, Raja Raju, Chris Harris, Tonya Davenport, Walt Miller, Dale Walikainen, Linda Sippel, and Dave Cordner.

The main topic of discussion was the reliance on data files in the production directory for subsystem testing. Problems had been encountered recently when files in the production directory were used as input for test cases for subsystem deliveries. If the production files are updated or removed from active disk the test cases from the subsystem's Test Plan cannot be completed successfully. In an attempt to resolve this problem several questions were posed: Should the subsystems stop relying on files in the production directory for testing? Can additional disk space be provided by the ASDC for subsystems to store the data files necessary for testing? Is it acceptable to the ASDC SSI&T Team to have less robust test cases in exchange for not relying on data files in the production directory? Sue said that the subsystem's should definitely stop relying on files in the production directory. Chris said he would check on the possibility of providing additional disk space after he receives disk space requirement for running the current Instantaneous SARB test cases. Tonya said she would talk to Vertley concerning less robust test cases.

Erika brought up the additional topic of Terra ValR8 SRBAVG being processed recently only using GGEO inputs. The optional, but mandatory if present, GGEO files had originally been staged, but over time were removed from active disk. Ten months of ValR8 SRBAVG for which GGEO existed had to be deleted and rerun. Luckily these were not Editions, nor were they files that automatically went public. Erika suggested creating GGEO files for all months and making them mandatory for production. Raja pointed out that code would need to be delivered to copy GGEO to GGEO files when no weeder regions are present and there's lots of duplicate data. Sue mentioned that when FLASHflux processes with S4P, the PCF gets created by looking into the archive rather than just on disk. Hopefully, as we migrate toward Edition3 and automation, CERES will also generate input lists based on what's in the archive rather than what's been staged. For now, Erika to include in SRBAVG PRs those months for which GGEO must be staged. Cathy and Raja will verify that the PR is correct and the ASDC will verify that those GGEO files are actually on disk. The first three years of Terra have already run, so half of Terra processing is complete.

The meeting adjourned at 11:30 a.m. toa