

**Table 1: December 6, 2000 - CM Status**

SS No.	SS Lead	Status	Problems
CM	Ayers	<ul style="list-style-type: none"><li>• SCCRs submitted since last DMTM: None;</li><li>• SCCRs updated since last DMTM: None;</li><li>• SCCRs to be reviewed for approval (Subsystems 1-4): None. (Ayers)</li><li>• Tested the Regrid MOA delivery package and released it to the Langley DAAC. (Ayers)</li></ul>	

## **CERES System Configuration Change Request Submittal**

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No additional pages this time.

**Table 2: December 6, 2000 - Subsystem Status**

SS No.	SS Lead	Status	Problems
1.0	Cooper/ Escuadra	<ul style="list-style-type: none"><li>• Continuing analysis of the TRMM/Terra data. (Hess, Spence)</li><li>• Continuing analysis of TRMM stow data for March and April. (Spence)</li><li>• Continuing work on post-processor to read a TRMM BDS and correct the radiances for crosstalk. This is being done in conjunction with the analysis of the stow data for TRMM March and April 2000. (Szewczyk)</li><li>• Continuing work to add the ability to have Solar Geometry data on the BDSSs. (Escuadra)</li><li>• Continuing work to maintain/update the CERES Terra Available Data spreadsheets and web pages. (Cooper)</li><li>• Ran the preliminary Aqua MOSS Test at the SCF using the converted Terra data time tagged 9/13/98. The test was taking over a day to complete, when it was discovered that the ORBSIM data had not been created for the test. This was remedied and the test ran without any problems. (Cooper)</li><li>• Continued TRMM/Terra operations/analysis support. (Weaver)</li></ul>	

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SS No.	SS Lead	Status	Problems
2.0	Kizer	<ul style="list-style-type: none"><li>Continuing to look at processing ERBE data run through the CERES ERBE-like Subsystem. Ran 19841109 ERBS data through ERBE-reprocessing code and compared QC report data to that produced during ERBE-reprocessing to verify input data and software. Modifying CERES inversion code to reproduce 19841109 ERBS data. (Kizer)</li><li>Continuing to work on the Spectral Correction Coefficient algorithm. Several steps were automated. (Walikainen)</li><li>Examining the 'production' email generated by the QC checker software. Reformatted email per Dr. Green's requests. (Walikainen)</li><li>Continuing to modifying existing IDL plotting software to map and plot ES4 and ES9 HDF data files. (Kizer)</li><li>Continuing to inspect ERBE-like Terra and TRMM output plots and QC reports on the Web. (Walikainen, Kizer)</li></ul>	
3.0	Kizer	Combined with above.	

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SS No.	SS Lead	Status	Problems
4.1	Sun-Mack	<ul style="list-style-type: none"><li>• Setup Action Item Utility to display open action when entering site. (R.Brown)</li><li>• Implemented and tested script to help with tar file steps in delivery process. (R.Brown)</li><li>• Help setup science team member to use the off-line scripts to run Cloud subsystem. (R.Brown)</li><li>• For independent cloud retrieval validation purpose, we have sent out our cloud product for certain specific hours to Institute Royal Meteorology at Belgium. They have done pixel-by-pixel matching, intercomparison, and found out there are significant disagreement for certain hours and regions. Worked with Pat Minnis, Dave Young and Pat Heck on investigation of the disagreement. (Sun-Mack)</li><li>• Bruce Wielicki was going to present CERES and MODIS intercomparison at NASA headquarter at Goddard on Dec 1st. In the effort of supporting this intercomparison, a new MODIS product (MODIS cloud product: MOD06) had to be read into the cloud framework. The coding to ingest MOD06 product was started, debugged, tested and finished. The coding to put both pixel matched CERES cloud retrieval results and MODIS06 cloud retrieval results into Cloud Subsystem output was also started, debugged, tested and finished. The MOD06 data for MODIS Golden days were ordered from Goddard and successfully read in through cloudframework. The imager pictures and scatterplots of pixel-by-pixel CERES and MODIS clouretrieval intercomparison were successfully produced in time for Bruce Wielicki. (Sun-Mack).</li></ul>	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	

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SS No.	SS Lead	Status	Problems
4.4	Miller	<ul style="list-style-type: none"><li>• Worked with Ms. Hopson, Langley DAAC, on problems during SSIT for Edition1. Monitored Edition1 production of clouds and convolution. One hour was not processed most likely due to corrupted file or .met not being staged. (Miller)</li><li>• Drafted the convolution portion of the SSF Data Summary. (Miller)</li><li>• Reviewed Emails and ASCII Quality Control summaries from production. (Miller)</li><li>• Processed February 25-26 and March 1-5, 2000 TRMM data at the SCF for Dr. Minnis's calibration effort. (Miller)</li><li>• Reviewed Narrowband Tropical Longwave Constant reports for 1998 and forwarded to Mr. Green. (Miller)</li><li>• Tested Toolkit Version 5.2.7. Worked with Mr. Stassi in determining how the version string changed. (Miller)</li></ul>	
4.5	Nolan	<ul style="list-style-type: none"><li>• Completed modifications to the SSF HDF code to include a CERESlib module that can also be used by SARB. (Franklin)</li><li>• Continued work on PGE CER4.5-6.2P1. Began work to create metadata files for the SSF subsets. (Nolan)</li><li>• Initiated modifications to the Inversion Test Plan and Operator's Manual to include PGE CER4.5-6.2P1. (Nolan)</li><li>• Created January 98 Daytime and Nighttime SSF Subset files from Edition1 SSFs. (Nolan)</li><li>• Began creating binary SSFs at the SCF using 2000 TRMM data. (Nolan)</li></ul>	
4.6	Nolan	Combined with above.	

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SS No.	SS Lead	Status	Problems
5.0	Coleman	<ul style="list-style-type: none"> <li>The April 1998 ValR5 SSFs were processed through the Surface Albedo Pre-Processor. Fred Rose made plots of the results and appears to be pleased. (Coleman)</li> <li>Continued implementing code changes in Main-Processor to use the Monthly Surface Albedo map. (Caldwell, Coleman)</li> <li>Testing the Instantaneous SARB Main-Processor, using the results of the Surface Albedo Pre-Processor. (Coleman)</li> </ul>	
7.2	Coleman	Combined with above.	
12.0	Coleman	<ul style="list-style-type: none"> <li>Delivered Regrid MOA Subsystem to CM. This version corrects a slight regridding error in the upper atmosphere (heights above 10 hPa) temperature and humidity profiles that are based on DAS GEOS-3 data. Prior to delivery, it was verified that this change has no impact on the Clouds results. (Caldwell)</li> <li>Tracked down an ECMWF subsetting problem encountered at the DAAC. The cause is that new parameters were included in one of the files, and data previously contained in one file were now spread across two files. (Caldwell)</li> </ul>	
7.1	Nguyen/ Raju	<ul style="list-style-type: none"> <li>No new updates</li> </ul>	
8.0	Raju/ Nguyen	<ul style="list-style-type: none"> <li>No new updates</li> </ul>	
10.0	Nguyen/ Raju	<ul style="list-style-type: none"> <li>Modifying the webplot program to read the new SRBAVG HDF format and to include the clear-sky TOA fluxes for GEO method in the web plot.</li> <li>Completed the comparison of RMS for different time average of the data for Central Facility station. Studying the SW time history plots of the extended facilities.</li> </ul>	
6.0	Stassi/ Nguyen	<ul style="list-style-type: none"> <li>Combined with SS 9.0</li> </ul>	

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9.0	Stassi/ Nguyen	<ul style="list-style-type: none"><li>• Studying the Tisa gridding subsystems and directory structures. (Stassi)</li><li>• An error in the February 1998 SFC product is being investigated. Several of the hours contain cloud fraction areas greater than zero but cloud properties equal to default values. Discussions are continuing with Dave Young to determine what is causing this. (Nguyen)</li></ul>	
11.0	Stassi/Fan	<ul style="list-style-type: none"><li>• Corrected a logic problem in the main-processor, which caused in rare circumstances multiple copies of data records to be copied to the intermediate granfile. This condition caused no errors in the final GGEO output product. (Stassi)</li><li>• Continued working with SGI technical representative to resolve the lib-4211 error. (Stassi)</li></ul>	
CERESlib Stassi/Ayers		<ul style="list-style-type: none"><li>• Toolkit version 5.2.7 has been loaded onto the SCFs for validation testing. So far, everything looks okay. (Flippo, Griffin, Stassi)</li><li>• Sent email memo explaining use of tk_version.csh script. (Stassi)</li></ul>	
IST	Flug	<ul style="list-style-type: none"><li>• No new updates</li></ul>	