

Table 1: August 1, 2001 - CM Status

SS No.	SS Lead	Status	Problems
CM	Ayers	<ul style="list-style-type: none">• See Table 2 for SCCR activity since the last DMT meeting. SCCRs for Subsystems 1-4 that need to be reviewed follow Table 2. (Ayers)• Tested and released the following packages to the ASDC: TISA Averaging and ERBE-like. (Ayers)• Currently testing CERESlib and TISA Gridding. (Ayers)• Expecting the Cloud delivery on Tuesday. (Ayers)• Updated the Sample Delivery Memo and posted it on the CM Web page. (Franklin, Ayers)• Updated the Delivery Procedures document and posted it on the CM Web page. (Ayers, Franklin)• Modified the Delivery Memos web page and file structure to remove references to Release 3. (Franklin)• Reorganized the Delivery Schedule directory structure to eliminate duplicate gif files. (No visible changes to the web page.) (Franklin)	

Table 2: SCCR Activity July 16 at 2:30pm - July 30 at 12:05pm

SCCR	S	U	A	C	D	SS	Page No.	Comments
267				X		5.0		
275				X		6.0 & 9.0		
277				X		4.5		
278				X		CERESlib		
279				X		CERESlib		
280	X		X			CERESlib		

S=Submitted; **U**=Updated; **A**=Approved; **C**=Closed; **D**=Disapproved; **SS**=Subsystem

Table 3: August 1, 2001 - Subsystem Status

SS No.	SS Lead	Status	Problems
1.0	Cooper/ Escuadra	<ul style="list-style-type: none">• Updated previous and next day scripts to properly use the last day script that was updated to accept a 2-digit month. Instructions to test the new scripts were sent to ASDC. (Cooper)• Created scripts to handle some of the delivery tasks, such as removing the CVS directories from the tar file used to move the source code to samantha. Also created a script to create the Expected_Output.List file. (Cooper, Snyder)• Continued running CLAMS test data at the SCF for early analysis of area coverage. (Hess)• Completed initial delivery of the MODIS subsetter to GSFC. (Spence)• Continue working on TRMM data recovery for 2000. (Szewczyk)• Held a design meeting to discuss how to handle the gain drift found in Terra data. As a result, 3 new PGEs and 2 new data files are being added to SS1 to automate the gathering of internal calibration data necessary to determine gain coefficients. These new PGEs will be use for Aqua and Terra data. The first PGE CER1.3P1 will create a new BDSI file whenever internal calibration data is present within a BDS. A tentative delivery of mid-September for CER1.3P1 has been requested by Kory Priestley. The remaining 2 PGEs will be delivered after the Science Team meeting, where the strategy for handling the drift will be discussed. (Cooper, Escuadra, Hess)	

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2.0	Kizer	<ul style="list-style-type: none"> Delivered the ERBE-like software as scheduled to CM on July 20, 2001. SS2 and SS3 Operator's Manuals and the ERBE-like Test Plan were modified to reflect changes in software and posted to the web via CERES CM. Delivery Memo also sent to CM on July 19, 2001. (Kizer) Worked with ASDC and SA's to determine why June 2000, Terra-FM1 ES-4 gif files not visible on web. Files now visible. (Kizer) Determining a systematic approach to validating ES-8 & ES-4 gif files. (Walikainen) Continuing to examine the 'production' email generated by the QC checker software. (Walikainen) Continuing to inspect ERBE-like Terra and TRMM output plots and QC reports on the Web. (Walikainen, Kizer) 	
3.0	Kizer	Combined with above.	
4.1	Sun-Mack	<ul style="list-style-type: none"> Worked on producing Edition1 Cloudvis images for Jan - Aug. 1998 and Mar 2000. (Brown) Worked on producing plots for one of the QC fields, Cloud Temperature Binned Results, to automation process. (Brown) Modified and updated Test Plan and Appendices to reflect the changes in upcoming MODIS Beta delivery (SCCR #273). (Brown, Miller) Continued working on implementing, testing and validating algorithms and clear sky snow/ice models for MODIS Beta delivery (SCCR #273). Great effort was made on validating various algorithms and trouble shooting the problems when they occurred. 1/3 of MODIS data, during one day of data testing, failed. Debugged and found the cause successfully. (Sun-Mack) 	
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"> Completed testing of GRing algorithms for Terra. (Miller) Corrected problem in determining IGBP type surface area coverage when pixels without cloud fractions are included. (Miller) Prepared subsystem for delivery. (Miller) Prepared publication quality graphics for CERES Broadband vs. VIRS Narrowband radiances slope trend and scatter plots. (Miller) Prepared scatter plots of day and night VIRS longwave radiance against CERES broadband on the same graph. (Miller) 	
4.5	Nolan	<ul style="list-style-type: none"> Completed the following Web pages.: " Inversion Production Code" Web page (http://lposun/inv/ProductionCode/) contains information on the SSF Subset data products. The "CERES TOA Flux Code History" Web page (http://lposun/cgi-bin/cgiwrap/inv/ProductionCode/tableadd.cgi) displays a table showing the history of ADM software modifications and provides a form for inserting information into the table. (Walter and Nolan) Added metadata to the program which will create a binary SSF from an SSF HDF file. (Walter) 	
4.6	Nolan	Combined with above.	
5.0	Coleman	<ul style="list-style-type: none"> Monitoring Instantaneous SARB production processing. (Coleman) Provided rough draft of Data Quality Summary and Description/Abstract to Fred Rose, Tom Charlock, and Dave Rutan for review. They are out at Wallops for CLAMS, however. (Coleman) Updated sample CRS read package to reflect CRS structure changes since April 1999. (Caldwell) 	
7.2	Coleman	Combined with above.	
12.0	Coleman	<ul style="list-style-type: none"> Watching the communication between Langley and Goddard regarding the date of the arrival of GEOS-3.3 data. It looks like the earliest we could see GESO-3.3 is September. (Caldwell, Coleman) 	

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7.1	Nguyen/Raju	<ul style="list-style-type: none"> No new updates. 	
8.0	Raju/Nguyen	<ul style="list-style-type: none"> No new updates. 	
10.0	Nguyen/Raju	<ul style="list-style-type: none"> Completed reading SSF Beta2 and writing all the validation sites to the files. Preparing to separate the SSF Beta2 data into each validation regions. (Nguyen) Working on the read software C program for SRBAVG. (Nguyen) 	
6.0	Stassi/Raju	<ul style="list-style-type: none"> No change. 	
9.0	Stassi/Raju/Nguyen	<ul style="list-style-type: none"> Subsystem modified to handle new CERES ADM definitions on the SSF inputs. Redelivered to CERES DM. (Raju, Stassi) Some understanding of the SGI F95 lib-4211 error was gained by compiling code with the NAG F95 compiler and comparing output. (Stassi) 	
11.0	Stassi/Fan	<ul style="list-style-type: none"> New routines were added to inter-comparison modules to generate instantaneous GGEO/VIRS comparison plots for cloud parameters. Generated plots and qc reports for Feb 1998 data, sent them to tisa science members. Modifications were made to the code to include suggested changes by the tisa science team. (Raju) 	
CERESlib Stassi/Ayers		<ul style="list-style-type: none"> Changes were added for the Tisa Grid delivery. CERESlib was redelivered to CM. (Stassi) 	
IST	Flug	<ul style="list-style-type: none"> No new updates. 	