

Table 1: March 28, 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)• Released the Clouds, TISA Averaging, Instrument, ERBE-like, CERESlib, and SARB deliveries to the ASDC. (Ayers)• Continued to update the software to add a status flag for the updated SCCRs. (Franklin)• Added a table to the CERES CM database to contain the list of valid SCCR approvers, their email addresses, and their host machine names. (Franklin)• Updated a table in the CERES CM database for the updated SCCRs to include the approval date and time, the approver's ID and host machine, a comment string, and a status flag. (Franklin)	

Table 2: SCCR Activity March 12 at 4:20pm - March 26 at 12:15pm

SCCR	S	U	A	C	D	SS	Page No.	Comments
251	X		X			12		

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

Table 3: March 28, 2001 - Subsystem Status

SS No.	SS Lead	Status	Problems
1.0	Cooper/ Escuadra	<ul style="list-style-type: none">• Pre-ES8 conversion program update sent to CERES CM. (Cooper)• Continuing SS1 scan and output redesign. (Escuadra)• Continue tracking receipt of Terra Data receipt at LaRC. (Cooper)• Updated the SS1 Operator's Manual and Test Plan in preparation for the next delivery. Added Aqua information to the documents. (Cooper)• Updating the BDS Description page table for the latest delivery. (Cooper)• Continuing work on the program to repair SW radiances from TRMM data from the end of March 2000 through mid-April 2000 and June 2000. (Szewczyk)• Continuing analysis of Terra data, radiance, coastline detection, instrument housekeeping and Moon Viewing data. (Hess, Spence, Szewczyk)• Continue work to verify Terra operations. (Weaver)	

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SS No.	SS Lead	Status	Problems
2.0	Kizer	<ul style="list-style-type: none">• Delivered ERBE-like software to CERES CM as scheduled on March 16, 2001. (Kizer)• Modifying ERBE-like Operator's Manuals and Test Plan to reflect changes in output data sizes and addition of new ES-8 Nadir file. Delivered documentation with software to CERES CM. (Kizer)• As requested by instrument team, generated ES-8 Nadir files for Jan through Aug 1998 TRMM data days and Mar 2000 through Feb 2001 Terra FM1 and FM2 data days. (Kizer)• Met with Bing Lin (RAB) to discuss program to statistically analyze TRMM 1998 ES-8 data. Began generating program. (Kizer)• Edited and recompiled Richard Green's code to generate the nadir-only, map function. Applied the map function to a 1 year period of FM1 and compared bad-flagged data. Generated code to determine map function for full scans from ES-8. Began determining tolerances for flagging bad data in full-scan ES8s. (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.	

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SS No.	SS Lead	Status	Problems
4.1	Sun-Mack	<ul style="list-style-type: none"> • Worked on producing the CloudVis images from Edition1 Jan-Aug (and March 2000) for all VIRS ARM GSP overpasses. (R.Brown) • Created gif animation for Edition1 monthly QC plots to show seasonal change. Reproduced QC plots for Cloud Liquid Water Path. Continued changes to QC code for producing data files for plotting. (R.Brown) • Worked on the stuff for ARM meeting (the week of March 19) and france meeting (the week of March 26) for Pat. (R.Brown, Sun-Mack) • Worked on MODIS algorithm: CO2 slicing. 90% coding is completed. (Sun-Mack) • Worked on DAO/ECMWF MOA issue: tested fixed version of MOA reader on GEOS3.3 data. Examined Edition1 March 2000 data with before and after fixed MOA reader. The conclusion is the MOA reader fix does apply to ECMWF MOA as well as DAO MOA. (Sun-Mack) • Pat Minnis requested intercomparison between CERES and MISR. Looked into what it would take to get the data, where and how..... Communicated with Nancy Ritchey. (Sun-Mack) 	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	
4.4	Miller	<ul style="list-style-type: none"> • Met with Mr. Bill Lowry, SGI, on parallel processing. The tools did not seem to be working, but he requested a strip down version. Started removing toolkit calls and simplifying convolution. • Produced Narrowband-Broadband scatter plots for Northern Great Plains ARM site. (Miller) • Researched appropriate T-Test for linear regression and implemented in daily narrowband-broadband TRMM trends. (Miller) • Processed an hour of TRMM and Terra data with SAR running at high temporal resolution. These were given for Henry Flippo to analyze. (Miller) • Provided support to ASDC on one day Terra processing, Jan 5, 2001. Answered questions on the clouds delivery. (Miller) 	

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4.5	Nolan	<ul style="list-style-type: none"> Completed integration and testing of preliminary version of the CERES Shortwave ADM module from Norman Loeb. (Nolan) Wrote a Fortran 90 module to allow the CERES Shortwave (SW) ADM module to be used with either the original SSF footprint or the SSF Subset footprint. (Nolan) Wrote program to read an SSF, create a new SW flux for each footprint, and then write out the updated SSF footprints. (Nolan) Wrote scripts were to copy binary SSF files from the ASDC archive and create the updated SSFs in batch mode. (Nolan) Initiated testing of a second version of the CERES Shortwave ADM module. (Nolan) Reviewed preliminary version of the CERES Longwave ADM module from Nitchie Manalo-Smith. (Nolan) Provided support for Fred Rose's work with the Shortwave ADM module. (Nolan) 	
4.6	Nolan	Combined with above.	
5.0	Coleman	<ul style="list-style-type: none"> Delivered Instantaneous SARB Subsystem (three PGEs) to CM, complete with Delivery Memo, Test Plan, and Operators' Manual. (Coleman, Caldwell) Making test runs for Fred Rose that tighten the allowable sigmas used in the constraintment process. (Coleman) 	
7.2	Coleman	Combined with above.	
12.0	Coleman	<ul style="list-style-type: none"> Investigating the March 2000 MOA anomalies. (Caldwell, Coleman) Delivered updated MOA_IO to CERESlib. (Caldwell) 	
7.1	Nguyen/Raju	<ul style="list-style-type: none"> Made test runs using February 1998 data and generated TSI output files. (Raju) 	
8.0	Raju/Nguyen	<ul style="list-style-type: none"> No new updates 	

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10.0	Nguyen/ Raju	<ul style="list-style-type: none"> Continued validating TOA albedo. Worked on the albedo normalization for “more than one CERES measurements in a day” case. (Nguyen) Corrected PCF generator script to reflect the toolkit version in the PCF file. Updated the run script to remove temporary files in the outcomp and runlogs directories. Supported the DAAC in testing SS10. (Nguyen) Fred Rose read 8 months of SSF Edition 1 and created binary files for the validation regions. Used Fred’s program to read his output files and to write the required parameters for the ARM, CMDL and BSRN sites for further study. (Nguyen) Wrote IDL program to read the above ascii files and to compare with the measure data. Plotted to compare SSF Edition 1 with the ARM data for 30-minute average and 1-minute data cases. Studying the difference between SSF R4 and SSF Edition 1 data. (Nguyen) 	
6.0	Stassi/ Raju/ Nguyen	<ul style="list-style-type: none"> Source code updated to use latest CRS definition in CERESlib. (Stassi) SSFtoCRS conversion program modified to latest record format definitions. (Stassi) Starting to test subsystem. (Stassi) 	
9.0	Stassi/ Raju/ Nguyen	<ul style="list-style-type: none"> Completed updates to Operator’s Manual. (Stassi) Subsystem tested at ASDC and promoted to production. (Cepaitis) 	
11.0	Stassi/Fan	<ul style="list-style-type: none"> Devised plans for automating the creation and use of intercalibration coefficients in the GGEO production process. (Raju, Stassi) 	
CERESlib Stassi/Ayers		<ul style="list-style-type: none"> Modified the makemake scripts to remove references to *.kmo files, relics from a previous version of the SGI Fortran compiler. (Stassi) Updated CERESlib with modified versions of the moa_io modules. (Caldwell, Stassi) 	
IST	Flug	<ul style="list-style-type: none"> No new updates. 	