

Table 1: January 17, 2001 - CM Status

SS No.	SS Lead	Status	Problems
CM	Ayers	<ul style="list-style-type: none">• SCCRs submitted since last DMTM: 237; SCCRs updated since last DMTM: None; SCCRs approved since last DMTM: 237; SCCRs to be reviewed for approval (Subsystems 1-4): none (see following page). (Ayers)• Modified code so an email message is sent when an SCCR is approved, disapproved, or closed. (Franklin)• Updated the PGE Sizes information on the CM Web Page. (Franklin)	

CERES System Configuration Change Request Submittal

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None.

Table 2: January 17, 2001 - Subsystem Status

SS No.	SS Lead	Status	Problems
1.0	Cooper/ Escuadra	<ul style="list-style-type: none">• Investigated necessary SS1 changes to accommodate new no internal calibration scan profile and updated necessary tables to cause Count Conversion to use the proper Normal Scan offsets. (Hess)• Continuing work to redesign the SS1 Scan package to include drift corrected counts within the same area as Count Conversion, so that these values are calculated only once. Also modifying output product manager to handle changes to the BDSS parameters. The BDSS will now contain Solar Angles. (Escuadra)• Continue tracking receipt of Terra Data receipt at LaRC. (Cooper)• Preparing for Delta Delivery of tables to support the new no internal cal scan profile. (Cooper)• Continuing analysis for Science Team Meeting. Coastline detection and three channel intercomparisons. (Spence)• Continuing analysis of Moon View data for the Terra Moon View days prior to the Lunar Eclipse and for the Lunar Eclipse data. (Szewczyk)• Continue work to verify Terra operations. Work with the Terra operations personnel to get the correct viewing angles for the Lunar Eclipse. (Weaver)	

Table 2: January 17, 2001 - Subsystem Status

SS No.	SS Lead	Status	Problems
2.0	Kizer	<ul style="list-style-type: none"> • ES8 Nadir code was incorporating into ERBE-like inversion production software to produce an ascii file. Code modified to capture nadir views during instrument short scan mode. Earth Sun distance was also added. (Kizer) • A flag was added to determine if the state vector was calculated using the position and velocity vectors at the end of the first PRES8 record. Text is then added to the QC report for clarity. (Kizer) • Format statement modified to add a space needed for valid values greater then 999.99 in data blackout section. (Kizer) • Examining ERBE-like inversion code in preparation to execute a 3 channel inter-comparison check. (Walikainen) • Spectral Correction Coefficient software is being examined for code familiarity and possible ways to reduce cpu runtime. Several steps in the software were automated. (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"> • Processed TRMM Edition1 QC (produced at the DAAC) results from January-May and posted results on the web. Testing gif file generator for using logarithmic scaling. Fixed problem with Action Item Utility. (R.Brown) • Modified the cloud production code to only process every nth pixels and every mth scanlines for MODIS, to reduce processing time. (Sun-Mack) • Modified PCF Generator to handle MOD06 (MODIS L2 Cloud Product) data files. (Sun-Mack) • Coded up emissivity calculation. This was debugged and tested. Currently Processing VIRS January on SCF. (Chen, Sun-Mack) • Worked on dx batch version. Modified CloudVis module to output new style. (S.Gibson, Sun-Mack) 	

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4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	
4.4	Miller	<ul style="list-style-type: none"> • Monitored Edition1 production of clouds and convolution (May-June, 1998). (Miller) • Reviewed Emails and ASCII Quality Control summaries from production. (Miller) • Produced Daily Binary Quality Control files for April 17, 1998 to June 19, 1998. (Miller) • Processed April and May 1998 through Narrowband-Broadband regression postprocessor. (Miller) • Tested simulated IES and resolved header problem with Dr. Lee. (Miller) • Summarized regression statistics for Mar 1998 and 2000 and set to Dr. Minnis. When compared with March most differences less than 1 percent. (Miller) • Started updating SSF Action Item list. (Miller) • Discussed cloud retrieval and convolution processing time with Mr. Kibler. (Miller) 	
4.5	Nolan	<ul style="list-style-type: none"> • Created Daytime and Nighttime SSF Subset files from Edition1 SSFs for all available May and April 1998 PFM days. These files are being copied to tape archive -when tape archive is available. (Nolan) • Provided Norman with a copy of Patty Hinton's F77 ADM normalization code and test data. Some of the code was converted from the NOS libraries and works only on Suns. Looking into converting the code to also run on an SGI. (Nolan) • Provide Shashi Gupta with current copies of 'surf_sw_model_a.f90' and 'surf_lw_model_a.f90'. (Nolan) 	
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"> Processing with May 1998 SSF Edition 1 data at the SCF. Generated the monthly Surface Albedo History (SAH) file, full hour CRS files for May 1, 1998, and CRS files for the whole month over the CERES validation regions. The first reactions from Fred Rose and Tom Charlock are favorable. (Coleman) Met with the Systems Engineering Committee to discuss approaches to generating the file names for previous months' SAH files. Since the SAH Monthly Pre-Processor could possibly use maps from 1, 12, and 13 months prior to the current month, the assignment of environment variables was promising to be messy. SARB will maintain a log file of file names to be accessed by the ASCII file generator. (Coleman) Corresponded with Tom Charlock and Fred Rose regarding the addition of a flag on the CRS to indicate the source of the surface albedo value used for the FOV. This is in response to a request from Bruce W. It was decided to defer definition of this flag until after the Science Team meeting, as it was getting quite complicated. This delays SARB's delivery to the DAAC planned for late this month. A new delivery date will be set after the flag definitions are decided. (Coleman) Tested updated CRS HDF code. Currently validating results. (Caldwell) 	
7.2	Coleman	Combined with above.	
12.0	Coleman	<ul style="list-style-type: none"> No new updates. 	
7.1	Nguyen/ Raju	<ul style="list-style-type: none"> No new updates 	
8.0	Raju/ Nguyen	<ul style="list-style-type: none"> Started updating ss8 product write routines to write correct monthly and monthly-hourly values onto AVG/ZAVG HDF products. (Raju) 	

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10.0	Nguyen/Raju	<ul style="list-style-type: none"> Complete modifying the average of the clear-sky LW surface flux. Found error in the TOA Net flux, corrected the code. (Nguyen) Tested the code using the GGEO data with and without the recalibration. Compared the surface fluxes for the two cases. (Nguyen) Comparing the interpolated surface fluxes from SS10 and the ARM measured data. (Nguyen) Providing Shashi Gupta plots for the CERES Science Meeting. (Nguyen) 	
6.0	Stassi/Nguyen	<ul style="list-style-type: none"> Running Tisa Gridding test suites on thunder. (Stassi) 	
9.0	Stassi/Nguyen	<ul style="list-style-type: none"> Same as above. 	
11.0	Stassi/Fan	<ul style="list-style-type: none"> Discovered that the problem with cloud parameter values was due to an error in the calculation of the visible reflectances being sent into the clouds code. This was corrected, and the month of February 1998 was rerun twice, once with recalibration and once without. Also, made separate 4-day runs for each of the four satellites in order to create plots of individual whole images. (Stassi) 	
CERESlib Stassi/Ayers		<ul style="list-style-type: none"> No updates 	
IST	Flug	<ul style="list-style-type: none"> Modified the snap file generator to read in the TODL file as if all duplicate packets have already been removed. 	