

**Table 1: June 21, 2000 - Subsystem Status.**

SS No.	SS Lead	Status	Problems
1.0	Escuadra /Cooper	<ul style="list-style-type: none"> <li>Continued to maintain the TRMM housekeeping data plots on the web, so they could be viewed by TRW. (Filer, Hess, Spence)</li> <li>Continuing analysis of the TRMM data to determine a method to extract the radiometric data from the noisy data stream. (Escuadra, Hess, Spence)</li> <li>Updating SS1 code to write new SDSs to the BDS. (Sample ordered Analog and Drift Corrected Counts). (Escuadra)</li> <li>Continuing integration of the SS1 code updates to support the July 7th delivery date. (Cooper)</li> <li>Continued monitoring Terra data production/ processing and providing data analysis support. (Cooper)</li> <li>Created new post-processor to compress the BDSs using the HDF compression feature. (Szewczyk)</li> <li>Continued TRMM/Terra operations/analysis support. (Weaver)</li> </ul>	
2.0	Kizer	<ul style="list-style-type: none"> <li>Continuing to look at updating the inversion code by incorporating F90 modules. Call to sysmsg subroutines have been replaced with a single msg_util subroutine. Testing is in progress. (Kizer)</li> <li>Modified and tested WriteReport subroutine in test version of cereslib to emulate ERBE-like sysmsg subroutine output. An optional Message Number has been added. Given Joe S. new version to test and add to cereslib. (Kizer)</li> <li>Continuing to inspect ERBE-like Terra and TRMM output plots and QC reports on the Web. (Walikainen, Kizer)</li> <li>Continued work on the CERES Production Processing Tracking Web application. (Flug, McKoy)</li> <li>Continued work on the hyperlinked QC viewer Web application. (Talton)</li> <li>Began work on the ERBE-like Web application help pages. (Yue, Flug)</li> </ul>	

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3.0	Kizer	<ul style="list-style-type: none"> <li>Continuing to look at updating the mtsa code by incorporating F90 modules. Testing calls to cereslib Openfile and Closefile subroutines. Began incorporating msg_util subroutine. Writing prologues for new modules. (Kizer)</li> <li>Continue with creating a program that will check multiple ascii QC reports. Additional changes made to input parameter file to ease user interface. Working on User's Manual and test examples. (Walikainen)</li> <li>Began steps to add QC software to a test version of SS2 and SS3 production software. (Walikainen, Kizer)</li> </ul>	
4.1	Murray	<ul style="list-style-type: none"> <li>Continued to process validation images with DX and modify scripts to include specification changes. Posting results to web and cleaned up directories and web pages as necessary. (R. Brown)</li> <li>Integrated a new Welch algorithm. (Sun-Mack)</li> <li>Developed and implemented a sea water emittance algorithm. (Sun-Mack)</li> <li>Made modifications to the production code to utilize the Clear Sky Btemp StDev fields and remove some hardcoded thresholds. (Sun-Mack)</li> <li>Developed before and after result shots of the Uniformity algorithm and posted them on the web. (Sun-Mack)</li> <li>Sent Jim Coakley CloudVis files along with reader. Sent Steve DeWitte some VIRS data with its reader. After receiving requests, began work on a MODIS reader. (Sun-Mack)</li> <li>Worked with Qing Trepte to determine why her BTemp STD 3-4, night was so wacky. (Sun-Mack)</li> <li>Continued making modifications to the main clouds processor to use a logical id file to store, in one place, all logical ids. Tested for accuracy. (Murray)</li> </ul>	
4.2	Murray	Combined with above.	
4.3	Murray	Combined with above.	

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4.4	Miller	<ul style="list-style-type: none"><li>• Responded to questions generated by SSF meeting. (Miller)</li><li>• Continued discussions with Dr. Loeb, have been attempting to explain trends seen in alongtrack CERES data. Latest trend is the decrease in trend with reduced imager coverage. Several runs have been done. (Miller)</li><li>• Implemented new ssf_typdef into convolution. Testing for changes without an outside dependency almost complete. Final effort to have rea_clr and overlap clear agree. (Miller)</li><li>• Updated the PCF logical IDs in the code to correspond with changes to streamline PCF generation. (Miller)</li><li>• Tested new capabilities of IBM DX SSF tools. Produced graphics for various image coverage. (Rapp)</li><li>• Reviewed Collection Guide. (Rapp)</li></ul>	
4.5	Nolan	<ul style="list-style-type: none"><li>• Modified inversion software to use ssf_typdef module, Version 116. (Nolan)</li><li>• Provided John Young at the DAAC with information about CERES production software for possible Windows NT conversion for Bruce Barkstrom. (Nolan)</li><li>• Continued work to include changes requested by Norman in draft SW channel ADM module template (Nolan)</li><li>• Continued work on stand-alone program that uses subsetted SSFs as input and executes the spectral correction and CERES inversion to TOA modules. (Nolan)</li><li>• Provided assistance to summer intern. (Franklin)</li><li>• Continued work to regenerate 8 months of TRMM SSF subset files, using new SSF subset type definition. January through March 1998 TRMM SSF subset files have been recreated and moved to tape archive. (Whitley and Nolan)</li><li>• Initiated work on software to create metadata (.met files) for SSF subset files. (Whitley, Nolan, Franklin)</li></ul>	

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4.6	Nolan	Combined with above.	
5.0	Coleman	<ul style="list-style-type: none"> <li>Continued work on the Surface albedo pre-processor. Now ready to integrate I/O driver with Fred Rose's contributed code.</li> <li>Investigated the different SGI F90 optimization levels.</li> </ul>	
7.2	Coleman	Combined with above.	
12.0	Coleman	<ul style="list-style-type: none"> <li>Preparing delivery of Regrid MOA Subsystem, scheduled for as soon as the operating system and F90 compilers on samantha are upgraded.</li> <li>Produced MOA for selected days at the request of the Clouds Group.</li> <li>Continued study of differences between the NCEP and ECMWF data in surface temperatures over the polar regions.</li> <li>Responded to inquiries concerning available data dates of 1998 and 1999 MOA from Doug Spangenberg at NASA Langley, Ching-I Lin at Goddard Space Flight Center, and Sunny Sun-Mack at SAIC.</li> <li>Responded to questions from Bing Lin at NASA about subsetting of ECMWF data. Provided basic subsetting software.</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>Continued to help Cynthia Howell to write TISA Averaging output HDF products similar to Erbe-Like products. (Raju)</li> <li>Continued validating surface fluxes using February data. (Nguyen)</li> </ul>	
6.0	McKoy	<ul style="list-style-type: none"> <li>The PMOA data is missing data at the beginning and end of the month. Investigating the cause of this problem.</li> </ul>	
9.0	McKoy	Combined with above.	

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11.0	Stassi/ Fan	<ul style="list-style-type: none"><li>Still working with the GGEO/Clouds problem, trying to determine whether the problem is coming from the GGEO/Clouds code or from the SGI F90 compiler. (Stassi)</li></ul>	
CERESlib Stassi/ Fan		<ul style="list-style-type: none"><li>All known problems with the SGI F90 compiler, other than the GGEO problem, have been resolved. (Stassi)</li></ul>	
CM	Ayers	<ul style="list-style-type: none"><li>Revised the Delivery Schedule. (Ayers)</li><li>Posted the latest Delivery Schedule and Toolkit Information to the CM Home Page. (Franklin)</li><li>Worked on the design, implementation, and testing of the CERES Document CM System. Also, making the necessary changes to the Software CM System to have it interface with the Document CM System. (McKoy)</li><li>Met with Jim Kibler and Maria Mitchum about CM's proposed Document Identification Scheme. (Robbins, Ayers, McKoy, Franklin)</li><li>Updated the DCCR database to standardize document titles. (Franklin)</li></ul>	
IST	Flug	<ul style="list-style-type: none"><li>No new updates.</li></ul>	