

**Table 1: May 1, 1996 - Subsystem Status.**

SS No.	SS Lead	Status	Problems
1.0	Escuadra	<ul style="list-style-type: none"><li>• Currently planning tasks for Release 2 requirements. Data Products Catalog updates in progress. (Escuadra)</li><li>• Corrections being made to Location module for Along_Track and Cross_Track angle calculations. Satellite position calculations corrected. (Cooper)</li><li>• Time offset discrepancies in IES corrected. (Lake)</li><li>• Final version of ADD completed (Hess)</li><li>• Graphical IES footprint viewer (IDL) working; can plot geolocated footprints in terms of SW, LW and Total radiances. (Matthias)</li></ul>	No defined format for showing output parameters in terms of HDF structures in Data Products Catalog. Will use SS1 updates as a strawman.
2.0	Chang	<ul style="list-style-type: none"><li>• Supporting new ADM evaluation. (Chang)</li><li>• Supported delivery of files to the DAAC for Milestone 7, One Full-Month Test. (Chang)</li><li>• Working on Data Product Catalog. (Chang)</li><li>• Supported evaluation of differences in ERBE scanners on NOAA 9 and NOAA 10. Code is being prepared and validated to determine S-8 parameters at spacecraft intersection points based on temporal and spatial constraints and scene type. (Ziegelmiller)</li><li>• Prepared and presented Subsystems 2.0 and 3.0 Release 1 Lessons Learned at the April CERES All-Hands Meeting. (Chang)</li></ul>	
3.0	Chang	Combined with above.	

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4.1	Murray	<ul style="list-style-type: none"><li>Used cvds performance analyzer with cloud subsystem to determine bottle-necks, processing time spent in each function, CPU time spent in each function, ideal time spent in each function, structure trees, and machine resource usage data. (Sun-Mack)</li><li>Incorporated comments into the SRD. Made Hourly GAC files from Orbital GAC files for Oct 16-31, 86 and placed on masstor. Modified Cloud Fraction to default to Not Processed rather than clear. This required code changes in FOOTPRINT. Made other minor modifications to the code and tested. Began re-running several days to validate the new logic. Prepared slides for All-Hands Meeting and gave the talk. (Murray)</li></ul>	
4.2	Murray	Combined with above.	
4.3	Murray	Combined with above.	
4.4	McKinley	<ul style="list-style-type: none"><li>Modified code in response to changes in imager data interface and activation of night-time cloud algorithm.</li></ul>	<ul style="list-style-type: none"><li>Need to resubmit modified 4.4 code to DAAC to support stress test.</li><li>Need to establish multivariate validation scheme for cloud property data in CookieDough. This will require Science Team participation.</li></ul>

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4.5	Nolan	<ul style="list-style-type: none"><li>Continued validation of SSF data on thunder for 15-day test. (Nolan)</li><li>Modified F90 module to attach core and product specific SSF metadata to EOS-HDF SSF file. (Nolan)</li><li>Prepared and presented Subsystems 4.5 and 4.6 Release 1 Lessons Learned at the April CERES All-Hands Meeting. (Nolan)</li><li>Wrote an entire SSF (one hour of data) into HDF-EOS format. (Jimenez)</li><li>Wrote a 1000-record CRS into HDF-EOS format. Modified the SSF read routines to read the SSF portion of the CRS for validation purposes. (Jimenez)</li><li>Continued preparing for the HDF Training Class scheduled for May 7th. (Jimenez)</li></ul>	
4.6	Nolan	Combined with above.	
5.0	Coleman	<ul style="list-style-type: none"><li>Data Products Catalog listing updates for CRS and SYN completed.</li><li>Fred Rose has OK'd the modifications that dealt with the cloud bottom pressure.</li><li>Draft of Architectural Design Document appendix that describes Subsystem 7.2 differences completed and in typing.</li><li>Investigating compilation with the SGI F90 compiler--learning what pitfalls others on the DMT have encountered.</li><li>Prepared and presented Subsystems 5.0 and 7.2 Release 1 Lessons Learned at the April CERES All-Hands Meeting. (Coleman)</li></ul>	
7.2	Coleman	Combined with above.	

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12.0	Coleman	<ul style="list-style-type: none"> <li>• Data Products Catalog listing updates for MOA completed.</li> <li>• Architectural Design Document ready for distribution to Configuration Management.</li> <li>• NCEP input data for whole month put on mass storage.</li> <li>• Prepared and presented Subsystem 12.0 Release 1 Lessons Learned at the April CERES All-Hands Meeting. (Coleman)</li> </ul>	
7.1	Sullivan	<ul style="list-style-type: none"> <li>• see Subsystem 10.0</li> </ul>	
8.0	Sullivan	<ul style="list-style-type: none"> <li>• see Subsystem 10.0</li> </ul>	
10.0	Sullivan	<ul style="list-style-type: none"> <li>• Added range checks to the post_MOA data to be tested before surface algorithms are called. Running and testing surface algorithms provided by Inversion. (Raju, Sullivan)</li> <li>• Provided estimates for size, CPU time, and memory usage for Subsystems 7.1, 8.0, and 10.0. (Sullivan)</li> <li>• Code for QC reports (to be used by 8.0 and 10.0) is being developed. (Raju)</li> <li>• Updated Data Products Catalog for Subsystems 7.1, 8.0, and 10.0 and gave to Documentation. (Sullivan)</li> <li>• Code being developed to output TOA fluxes (interpolation arrays and averages) for specified validation regions to files.</li> <li>• Sent Architectural Design Document to Documentation. (Sullivan)</li> </ul>	
6.0	McKoy	<ul style="list-style-type: none"> <li>• Completed running the 15-day ERBE test throughn subsystem 9.0. (McKoy)</li> <li>• Sent Architectural Design Document to Documentation. (McKoy)</li> </ul>	
9.0	McKoy	<ul style="list-style-type: none"> <li>• see Subsystem 6.0</li> </ul>	

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11.0	Stassi	<ul style="list-style-type: none"><li>• Ran Stress Test on thunder with the Oct'86 geostationary data. (Stassi)</li><li>• Validating results of Stress Test and making minor corrections and modifications based on these results. (Stassi)</li><li>• Added restart capability to post-processor. (Stassi)</li><li>• Architectural Design Document is ready to send to Documentation. (Stassi)</li></ul>	
CERESlib/ Fan		<ul style="list-style-type: none"><li>• Waiting for new version of SGI F90 compiler to be installed on thunder (anticipated this week). Will again try to compile CERESlib with this compiler. (Fan, Stassi)</li></ul>	
CM	Olaisen	<ul style="list-style-type: none"><li>• A complete redelivery of the Instrument Subsystem was sent to the DAAC.</li><li>• The CM Team met with Jill Travers to decide how to manage the CERES Release 1 files that the DAAC changed.</li></ul>	