

Table 1: December 11, 1996 - Subsystem Status.

SS No.	SS Lead	Status	Problems
1.0	Escuadra	<ul style="list-style-type: none">• Investigation of Radiance anomalies found in TRMM SIM #1 processed data. Worked with Jack Paden's group to help figure out what was causing the anomalies. Paper on what was found written. (Filer, Hess, Matthias)• Continued analysis of geolocation results from the TRMM SIM #1 data. (Weaver)• Continued work on simulation of RAPS data from ERBE data. (Lee)• Continued work on the integration of the Release 2 Build 1 system. SGI Ada Compiler now available for use. (Anselmo, Cooper, Escuadra, Filer, Hess, Matthias)	
2.0	Chang	<ul style="list-style-type: none">• Continued modifying ERBE-like DDB, MTSA, and ES4 programs, PC file templates and scripts to only use one PC file to run 6 programs from one script to process one month's data for a single satellite. (Chang)• Continued working on new scripts to generate the PC files for single satellite and multiple satellites monthly data processing. (Chang)• Output data in the ES8-HDF file from SS2, using the new ADMs version of the ERBE-like inversion program and Lee's 450-measurements version of PRES8_19861001_1 as input data file, was examined and stamped "Data looks good." by Curry. (Lee, Chang, Jimenez)• Tested Kam-Pui's new pre-ES8 file which contains FAP/RAP flag and 660 pixel level measurements per record. (Chang)• Created ESDT shortnames for SS2 and SS3 output products. (Chang)	
3.0	Chang	<ul style="list-style-type: none">• Combined with above.	

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4.1	Murray	<ul style="list-style-type: none"> Received new versions of the VINT, CRH_Extract, and CRH_Update algorithms. Worked on their incorporation. (Sun-Mack) Worked with new Release of Toolkit (V. 5.1.1). Modified makefiles and environment variables to run and compile. (McIntire) Continued QC development and testing. (McIntire) Began performance measurements for ViewGeo module with TK 5.1.1 in comparison with TK 5.1 and without the ToolKit functions at all. (McIntire) Tracked and solved the problem producing errant standard deviations for the Radiances. (McIntire, Murray) Continued working on the New-New CloudVis format, with Jay Titlow, and the Visualization Group. (Murray) Validated a new version of the IGBP Ecosystem map. Worked with Qing Trepte to get the Maps from SARB group delivered in a format consistent with other ancillary data sets. (Murray) Clouds Meeting to discuss the handling of overlap data between 4.1-4.3 and 4.4. (All) 	
4.2	Murray	<ul style="list-style-type: none"> Combined with above. 	
4.3	Murray	<ul style="list-style-type: none"> Combined with above. 	
4.4	McKinley	<ul style="list-style-type: none"> Made first run of Release 2 subsystem with Toolkit 5.1.1 on thunder, Dec 3. (McKinley, Miller) Based on consensus, removed option to rerun 4.4 using SSF in place of IES. (McKinley) Implemented initial framework for QC report; currently expanding QC scope. (McKinley, Miller) Conducted initial test using RAPS-mode IES simulation. Currently correcting data problems and debugging code. Expect fix & complete run Dec. 9. (McKinley, Miller) Continued development and testing of improved, user-friendly SSF browse utility. (Miller) 	

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4.5	Nolan	<ul style="list-style-type: none">• Modified Subsystems 4.5 software to incorporate new SSF type definition. (Nolan)• Completed a summary of Chapter III, “From Data Products to Granule Versions”, from Bruce Barkstrom’s paper. (Nolan)• Began work to incorporate modifications from Shashi Gupta in Subsystem 4.6, LW Model B software. (Nolan)• Finished writing software to read an S8 (HDF-EOS format) and generate linked list files of clear-sky longwave and shortwave flux lists. (This is to compare time and efficiency to Bruce Barkstrom’s Ada code reading the S8 flat file and generating the same lists). Requested output files from Bruce for verification. (Jimenez)• Finished modifying the ES-4G conversion code to make the code more efficient. The code runs much faster, however, that is due mostly to changes in the Grid API. (Jimenez)• Built new HDF-EOS libraries on saisun24 and “jimenez” account on thunder. Spent time trying to subset an ES-8. It appears that the ANYPOINT geolocation subsetting option may work, however, one must know the “tricks.” (Jimenez)	
4.6	Nolan	<ul style="list-style-type: none">• Combined with above.	
5.0	Coleman	<ul style="list-style-type: none">• Tracking a bug in the newest version of the Fu-Liou model. (Coleman)• Modifying logic that ingests Release 2 derivative tables and sigma tables to hook into Toolkit error message handling utility. (Coleman, Gupta)• Modifying CRS_IO module and associated README file to include additional routines that give user a choice in whether to call a routine that terminates upon encountering an error, or have the error status passed back to them and they deal with it. (Gupta)	

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7.2	Coleman	<ul style="list-style-type: none">Coming to a close on developing software to write the SYN in EOS-HDF. (Gupta)	
12.0	Coleman	<ul style="list-style-type: none">Although only one source will be input for a given run, the code to handle NCEP input (Release 1 code) and the code to handle DAO inputs are "under one roof." (Kizer)Gathering sample snow data from DAAC (Halun). Need to read the EOS-HDF file and pass the un-HDF data to Dave Rutan, who will then return 10 minute data. This will pave the way for setting up production-level software for the snow data. (Kizer)Putting in logic to "clip" super-saturated humidities (>100% relative humidity), as deemed necessary by Fred Rose and Bryan Baum. (Kizer)	
7.1	Sullivan	<ul style="list-style-type: none">Combined with Subsystem 10.0	
8.0	Sullivan	<ul style="list-style-type: none">Finished testing for writing AVG and ZAVG to HDF-EOS using the modified code for SRBAVG. Also, retested writing an SRBAVG with the modified code. (Sullivan)Wrote the code to read a parameter from an AVG or ZAVG HDF-EOS file. Tested reading parameters from SRBAVG, AVG, or ZAVG. (Sullivan)	
10.0	Sullivan	<ul style="list-style-type: none">Finished putting the Release 1 and Release 2 tisa-avg system into CVS. (Raju)Began drawing module diagrams for the detailed design document. (Sullivan, Raju)Began designing the output for the TOA flux interpolation arrays (only in Subsystem 10) for the validation regions. (Sullivan)	

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6.0	McKoy	<ul style="list-style-type: none"> Continued to work on the implementation of FSW in HDF using vdatas. (McKoy) Made a minor update to the DPC for FSW and SFC to reflect the sizes of the products in HDF instead of HDF-EOS. (McKoy) Continued to study the TISA Gridding software. (Ayers) 	
9.0	McKoy	<ul style="list-style-type: none"> Combined with above. 	
11.0	Stassi/ Fan	<ul style="list-style-type: none"> Problems with the GOES (McIDAS) read code were caused by a single C syntax error which was not caught by the compiler. This has been corrected, and a data dump was made. Tak has plotted the data and says it looks correct. (Stassi) Modified GOES (McIDAS) read routines to use header values rather than hard-coded values for variables such as number-of-scanlines and pixels-per-scanline. (Stassi) Started conversion to 1-deg grid system. (Stassi) 	
CERESlib/ Fan		<ul style="list-style-type: none"> Tested Toolkit version 5.1.1 for NAG and SGI on thunder. (Fan) Tested all metadata toolkit functions. (Fan) Tested opening multiple MCFs at the same time. (Fan) Moved header_time function to the ceres_time module. Previously, this was in CERESlib as an external routine. (Stassi) Updated the CERES start-up scripts on thunder to point to latest versions of TOOLKIT and HDF. (Stassi) Added a CERES log file to the \$CERESLIB directory. (Stassi) 	
CM	Ayers	<ul style="list-style-type: none"> Continued making a copy of the CERES Release 1 software onto optical disks. After working out several problems, this process is almost completed. (Ayers, McKoy) 	
IST	Flug	<ul style="list-style-type: none"> No new updates 	