

Table 1: August 4, 1999 - Subsystem Status.

SS No.	SS Lead	Status	Problems
1.0	Escuadra /Cooper	<ul style="list-style-type: none">• Continuing work on updates to SS1 for Terra launch, in scripts and code. (Anselmo, Cooper, Escuadra, Rodier)• Continue integration of updates to the Instrument Subsystem for the Terra launch version of SS1. (Rodier)• Updating the QC reports to include Data Coverage and Missing Data tables. Created an example report with the two tables and am now working to combine the two tables into one comprehensive table. (Cooper)• Updated Instrument Test Plan for Terra in the newest format. The Test Plan is now ready to go for the next delivery. (Cooper)• Updating the Instrument Ops Manual to include the Terra PGEs. A draft of the document was given to Maria for review and her comments are now being incorporated. (Cooper)• Continue work on the CERES File Management Database. (Rodier)• Continue work on the QC Post-Processor. (Anselmo, Escuadra)• Continue work to gather data for Kory to develop the updates to the Count Conversion equation. (Escuadra, Spence)• Continue operational support for TRMM and Terra. (Weaver)	

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2.0	Nolan	<ul style="list-style-type: none">• Modified version 2 of Slope-Intercept Spectral Correction Module to use the Toolkit. (Nolan)• Completed modifications to the production version of the inversion code to use version 2 of Slope-Intercept Spectral Correction Module. (Nolan)• Completed work on monthly PCF generator and execution scripts for SS2.0 code using daacget commands. (Nolan)• Continued documentation of Subsystem 2.0 changes. (Chang)• Completed testing of Lee-hwa's latest changes to Subsystem 2.0, with version 1 of Slope-Intercept Spectral Correction Module. Initiated work to test same code with version 2 of Slope-Intercept Spectral Correction Module. (Nolan)• Worked with Vertley at the DAAC on the problem of ES8 gif plots with 0 length. (Liu and Nolan)• Updated the S-8 to preES-8 conversion program and created a preES-8 from ERBE S-8 file. (Chang and Nolan)• Copied source code and scripts used in ERBE reprocessing from warlock to tape archive. The scripts will be modified to produce ES-8s using January 1986 S-8s as input. (Nolan)• Corrected a problem with the download option on the ERBE-like Software Repository Web page. Updated the download version of the ES-8 product listing software with latest changes that were made to the version that is executed over the Web. (Flug)	

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3.0	Kizer	<ul style="list-style-type: none">• Completed the primary development of web application of the difference between ES4 and TISA, including converting ES4 from 2.5-deg equal-angle to 1-deg angle, generating ES4 plot with 1-deg, generating the ES4 - TISA/AVG plot, web HTMLs, and CGI scripts. (Liu)• Continued with familiarization and testing of Subsystem 3.0. (Kizer, Halverson, Hoffman)• Modifying the HDF Read software in the DAAC ERBELike products ordering package to read and list all SDSs and VGroups in any ERBELike HDF file. (Halverson, Hoffman)• Completed summary of ordering ES-4 software and data from the DAAC. (Hoffman)	

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4.1	Murray	<ul style="list-style-type: none">Continued to work on review Sharon's IDL code to try to interface with PERL code and web interface. Worked on debugging code to pass user information to IDL program for processing and to fill in an IDL structure file. (R. Brown)Worked on the code to read the Subset MODIS data. Completed modifications to the read library that allow us to read the new at-launch format. Successfully produced a MODIS cookiedough and passed it to 4.4. (Sun-Mack)For Oklahoma ARM site validation, there are two cases where the satellite data doesn't agree with the radar data. Compared the MOA soundings with ground based measurements and passed the results to Pat Minnis. (Sun-Mack)Began evaluation of ValidationR4_013006 Cloud Products and comparison with SCF generated results. (Sun-Mack/Murray)Made modifications to the AVHRR read library that allow us to read the data under IRIX 6.5. Upgrades to the OS/compiler/?? now cause a failure due to some unknown header fields. The logic to trap this error exists and should have caught us when we processed the AVHRR data previously, but it didn't. Another error occurred in the indexing of bins for our binned QC report. (Murray)Worked to free up disk space on the Clouds partitions on lightning. (Murray)	
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">• Evaluated cookiedough produced from MODIS file. Forwarded a couple of minor problems on how time was assigned to pixels. (Miller)• Tested Convolution with ToolKit 5.2.5. The program executed okay, but there were 35 extra footprints wrote to file. Could be associated with ephemeris routine change. (Miller)• Monitored January 1998 ValidationR4 processing. (Miller)• Assisted Mr. Parker in finding suitable SSF for his study of cloud objects for Dr. Wielicki. (Miller)• Worked with documentation on Test Plan and Operator's Manual. (Miller)• Documented results of using ECS ordering tool. (McKinley)• Updated convolution documentation in StP. (McKinley)	
4.5	Nolan	<ul style="list-style-type: none">• Produced Subsetted SSFs for Jan 1-18, 1998. (Nolan)• Continued work to update sample ASCII file generator to use 3 sampling strategy parameters. (Nolan and Whitley)• Completed work to convert Susan Kizer's program for producing formatted output from an HDF ES8 sample file to work with an SSF HDF sample file. (Whitley)• Removed R2 and R3 SSF subset files from masstor and placed them on tape archive. (Nolan)• Modified the SSF Binary QC-report web application and integrated it into SSF home page based Walt and Erika's requirement, and URL is http://lposun/ssf/ssfdval. (Liu)• Summer Intern Erin Whitley's last day of work at SAIC was July 30, 1999.	
4.6	Nolan	Combined with above.	

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5.0	Coleman	<ul style="list-style-type: none"> • Successfully tested with Toolkit 5.2.5v1. (Coleman) • Successfully tested logic to write header to hourly surface albedo update files. (Coleman) • Continued preparing first draft of CRS Collection Guide. (Coleman) • Received approval on Validation Sites List from Tim Alberta and Dave Young. Still pursuing approval from remaining groups. (Coleman) 	
7.2	Coleman	Combined with above.	
12.0	Coleman	<ul style="list-style-type: none"> • Worked with DAAC to develop a plan for archiving ECMWF data in a format usable by the Regrid MOA Subsystem. (Kizer, Coleman) • Provided script to DAAC for archiving ECMWF data as one file per day per parameter. Crystal Freebourn at the DAAC has been running this script, and now this one-time job is nearly complete. (Kizer) • Continued hashing out details of interface with six-hourly MOA product with MOA users. (Kizer, Coleman) • Continued becoming familiar with the Regrid MOA Subsystem. (Caldwell) • Continued incorporating temporal interpolation logic into the MOA_IO Module for use with ECMWF-based MOA files. (Caldwell) • Supplied Doug Spangenberg with MOA data for validation studies over the ARM SGP site. (Caldwell) • At the request of Mr. Murray, regenerated hourly MOA files for January 1986. (Kizer) • Modified Regrid MOA Subsystem to ingest GEOS3 data for upper level (high altitude) temperature and humidity profile data above ECMWF levels. (Kizer) 	
7.1	Nguyen/Raju	<ul style="list-style-type: none"> • Completed testing SS7. (Nguyen) 	
8.0	Raju/Nguyen	Combined with below.	

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10.0	Nguyen/ Raju	<ul style="list-style-type: none"> Updated the Data Products Catalog. (Nguyen) Modified codes to use different set of coefficients to convert GGEO Infrared data to WN fluxes. (Nguyen) Updated codes to include, interpolate and average the Aerosol Visible Optical Depth. (Nguyen) Used view_hdf_color to view SRBAVG. (Nguyen) 	
6.0	McKoy	<ul style="list-style-type: none"> Investigating problems found in the FSW in the TOA fluxes and the Cloud Property Data. (McKoy) Began investigating how much effort it will require to eliminate the appending to the overlap file in PGE CER9.2P1. (McKoy) 	
9.0	McKoy	Combined with above.	
11.0	Stassi/ Fan	<ul style="list-style-type: none"> Investigated bad header of the METEOSAT B1 data files. The entire month of March can not be read by the format in use. After the effort of octal dumping and header skipping failed, Tak will reorder this month. (Fan) Also found incorrect header information in October 30 hour 2. The header has the value 313 for number of records, but data file contains only 266 records. (Fan) METEOSAT channels were switched from 3,5,6 to 3,4,7 when satellite METEO-6 was replaced by METEO-7. (Fan) Wrote a script for using daacget to get the GOES-9 data files. (Fan) 	
CERESlib Stassi/ Fan		<ul style="list-style-type: none"> Added tests for the ceres_time module to the CERESlib test suites. (Stassi) 	
CM	Ayers	<ul style="list-style-type: none"> No new updates. 	
IST	Flug	<ul style="list-style-type: none"> Generated snap files from the Time-Ordered Downlink files that were received during the End-to-End test. Made the snap files available on the IST Web page. 	