

Table 1: April 14, 1999 - Subsystem Status.

SS No.	SS Lead	Status	Problems
1.0	Escuadra /Cooper	<ul style="list-style-type: none">• Completed processing of EOS Spacecraft End-to-End test data through the instrument subsystem. (Cooper, Rodier)• Working on input/output processing report for EOS ETE Test data. (Cooper)• Worked with Lee-Hwa to incorporate BDS/Pre-ES8 Converter changes to support EOS data processing. (Rodier, Lee)• Completed delivery of instrument subsystem to CM. (Rodier)• Completed initial runs for numerical optimization of 2nd time coefficients. (Spence)• Produced instrument noise files for EOS FM1/FM2. Working to locate stowed mode data for PFM. (Escuadra)• Continue operational support for TRMM and EOS-AM1. (Weaver)	
2.0	Chang	<ul style="list-style-type: none">• Generated new 5-record test ES-8 HDF-EOS and ES-9 HDF files and modified their C version of the sample read programs to reflect the changes. (Chang)• Wrote CER3.5P1 and its PCF generators to combine data from 2 satellite instruments. (Chang)• Continued work on updating the multiple-satellite Monthly T/S Averaging code (pre-processor and processor) for PCF runtime parameters and metadata items. (Chang)• Working with Subsystem 1 in testing the 5 preES-8 files generated from the LZ data. (Chang)• Prepared and participated in the presentation of CERES data demonstration for the ERBE-like Subsystems to Dr. Foley. (Chang, Liu)• Completed and delivered Subsystem 3.0 Operator's Manual to Maria for her review. (Chang, Snell)	
3.0	Chang	Combined with above.	

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4.1	Murray	<ul style="list-style-type: none">Continued to develop a program to check links in cloud user directories and the associated GIFs to identify which are still being used and which could be deleted. (R. Brown)Continued to develop the code to read and ingest MODIS data. Communicated with MODIS people as needed. (Sun-Mack)Continued to develop the new CloudVis product and its interface with the new visualization tool. (Murray/Cady)Completed successful testing of Toolkit V5.2.4. (Murray)	
4.2	Murray	Combined with above.	
4.3	Murray	Combined with above.	
4.4	Miller	<ul style="list-style-type: none">Posted daily cloud property QC statistics pages to the web. (Miller)Generated broadband vs. narrowband regression plots for January 1998 and posted. (Miller)Updated the html page code to use referenced pages instead of system specific. (Miller)Tested Toolkit 5.2.4. No significant differences, but many bit differences. EOSDIS documentation doesn't provide any reason for errors. (Miller)Reviewed latest version of the SSF Collection Guide. (McKinley)Reviewed May 1, 1998, hours 1 and 2 before forwarding to Mr. Ignatov, NESDIS. (Miller)Prepared a presentation on cloud retrieval and convolution algorithms. (Miller)Started investigating lower footprint count in ValidationR3. (Miller)	

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4.5	Nolan	<ul style="list-style-type: none"> Continued work on a new version of the SSF subsetting software which packs the subsetting data into 2-byte integers using scale factors and offsets. (Nolan) Subsetting January 1998 SSFs for Nitchie Smith. (Nolan) Provided SSF read software to Anne Wilber. (Nolan) Continued work on Inversion QC listings. (Nolan) Attended IDL Class. (Nolan) Tested Inversion code using Toolkit 5.2.4 on lightning and thunder. Reported problems and necessary script modifications to Ms. Fan. (Franklin) Tested Inversion code on blizzard using Toolkit 5.2.4. (Franklin) 	
4.6	Nolan	Combined with above.	
5.0	Coleman	<ul style="list-style-type: none"> Completed work to create a CRS HDF sample read package using the SSF HDF read package. The source code was modified, a 5-record sample CRS HDF file was created, scripts were modified, and a listing of the contents of the HDF file was created. (Franklin) Prepared description of CRS product for John Olson by modifying the SSF description and incorporating Tom Charlock's and Fred Rose's comments. Sent this description to John after Tom approved it. (Coleman) Began updating SS5.0 Test Plan, App. C, to reflect latest template. (Coleman) 	
7.2	Coleman	Combined with above.	
12.0	Coleman	<ul style="list-style-type: none"> Continued working on version of Regrid MOA software that ingests ECMWF data. (Kizer) 	
7.1	Nguyen/ Raju	Combined with below.	
8.0	Raju/ Nguyen	<ul style="list-style-type: none"> Ran SS8 main processor on thunder with all the changes to the TISA Averaging code for verification purposes. (Raju) 	

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10.0	Nguyen/ Raju	<ul style="list-style-type: none"> • Tested the SS10 with the new SFC provided from the DAAC. Corrected the regional average of the interpolated weighted column averaged cloud data to work with new SFC. (Nguyen, Raju) • Validating clear-sky LW for land and for ocean regions. (Nguyen) • Verifying the land percentage after interpolation and averaging. (Nguyen) • Validating the clear-area fraction and the cloud fraction. (Raju) • Provided consultations to Brian Getzewich in solving problems that happened during testing and running SS10 in production. (Raju) • Sent SRBAVG read software and README file to Tak Wong and getting ready to submit the initial version to DAAC. (Raju) 	
6.0	McKoy	<ul style="list-style-type: none"> • Modifying and validating the column-weighted cloud averaging algorithms. (McKoy) • Delivered the read software and associated documentation to the Langley DAAC for the SFC HDF product. The software will use the HDF routines provided by Pete Spence. (McKoy) 	
9.0	McKoy	Combined with above.	
11.0	Stassi/ Fan	<ul style="list-style-type: none"> • Corrected GOES-8 calibration tables. Added METEO-7 calibration tables to code. (Wong, Stassi) • Modified code to be able to process GOES-10 data as GOES-West input format. (Stassi) • Modified code to correctly handle satellite transition months, e.g. June 1998 (METEO-6 -> METEO-7) or July 1998 (GOES-9 -> GOES-10). (Stassi) • Final modifications to GGEO Operator's Manual. It has been posted to the web. (Seaman, Stassi) 	

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CERESlib Stassi/ Fan		<ul style="list-style-type: none">Solved the mystery of not being able to read the cross-mounted files from the samantha production directory. The mount to SCF is read-only, and the open statements in TK lack the specification of action = 'read'. This causes the Fortran OPEN to fail. The problem needs to be fixed by Toolkit. The Toolkit people have been notified and have acknowledged the problem. (Fan, Stassi)Tested Nag95 64 bit compiler on blizzard. (Fan).	
CM	Ayers	<ul style="list-style-type: none">Tested the TISA Averaging subsystem (Subsystem 10.0) and released it to the Langley DAAC on April 1, 1999. Delivered the CRS and SFC Sample Read Packages to the DAAC on April 1, 1999. (Franklin)	
IST	Flug	<ul style="list-style-type: none">No new updates.	