

Table 1: March 17, 1999 - Subsystem Status.

SS No.	SS Lead	Status	Problems
1.0	Escuadra /Cooper	<ul style="list-style-type: none">• Investigated the one second time difference in the SNAP files vs. BDS files. The time on the BDS is correct on the SS1 side, but the one second difference still remains. Ran the Coastline Detection algorithm to verify geolocation and errors are comparable to previous results. BDS appears to be correct. (Cooper, Rodier)• Preparing the delivery package for the next delivery the first part of April. Running tests to verify all software changes. (Rodier)• Working with the latest TRMM data to determine the degradation rate of the DAA +15 V converter. (Hess, Spence)• Running data for Richard Green to evaluate the affects of the Second Time Constant correction. (Escuadra)• Testing the program to convert radiances when the Instrument is in stow to use to determine instrument noise for Kory Priestly. Tracking down coding errors. (Escuadra)• Working with DAAC and DMT personnel to get ready for the TERRA End-to-End tests at the end of March, beginning of April. (Cooper, Rodier)• Continue operational support for TRMM and EOS-AM1. (Weaver)	

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2.0	Chang	<ul style="list-style-type: none">• Modified Inversion code to have the average viewing zenith and azimuth angle values set to default in EID-6 file if any measurements used in the averaging for the region are from RAPS data. (Chang)• Started evaluating what needs to be done for EOS-AM data processing. (Chang)• Cleaned /QA/test, /CERES/erbelike, and home directories on thunder for thunder's disk swap event. (Chang)• Provided the sizes of ERBE-like Subsystem software and data files delivered to the DAAC as of 4/99 to CM. (Chang)• Modified ES-8 Web applications to look for available files in both /darrin-QA and the archive. (Flug)• Worked on the Subsystem 2.0 Operator's Manual. (Chang, Snell)• Worked on the Subsystem 3.0 Operator's Manual. (Chang, Snell)• Attended a three-day Introduction to IDL class at MEC. (Chang, Snell)	
3.0	Chang	Combined with above.	

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4.1	Murray	<ul style="list-style-type: none">• Began work on developing a link checker utility that can be used for web related images. (R. Brown)• Continued to work with the zooming utility and looked at possibility of using IDL to create images through the web. (R. Brown)• Made modifications to the Cloud Mask Development routines with Qing. Can now use off-line ecmwf and have extended the DX software with new information. (Sun-Mack)• Ran all the ARM site TRMM overpasses hours for March, April, and May. Posted the results on the web for Dong. (Sun-Mack)• Implemented the current production code into ecmwf off-line code. Ran 19980101 - 19980115 for Jay. (Sun_mack)• With the new 1.6 micron thermal leak correction, worked on creating new start up albedo and albedo standard deviation maps (1.6 um, and 1.6 /0.6). (Sun-Mack, Murray)• Found an initialization problem in the new corrk algorithm. Fixed, tested and delivered to CM. (Sun-Mack, Murray)• Worked with Tammy Ayers, Jill Travers, Fred Byrd, and Brian Getzewich to complete the Clouds delivery and promote to production. (Murray)• Identified a problem with overlap Cookiedough pixels that fall into a different year. This occurs for Jan 1, hour 00 and Dec 31 hour 23 only. Corrected the problem in the SCF code and delivered a script to the DAAC that will not process overlap scanlines for those hours. (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">• Worked on resolving SSIT issues with new delivery. Majority were related to documentation. (Miller)• Attempted to repeat one layer note being incorrectly set to default. Have been unable to duplicate problem. (Miller)• Worked on SSF Collection Guide writing imager, cloud layer, and cloud mask sections. (Miller)• Wrote timing algorithm for MODIS pixel level data. (Miller)• Reviewed the January 1, 1998 DAAC operational testing run. (Miller)• Reprocessing VIRS complete at TSDIS. (Miller)• Updated Delivery Memo for this delivery. (Miller)• Continued validation of the TRMM SSF using DX. (Miller)	
4.5	Nolan	<ul style="list-style-type: none">• Submitted Inversion Test Plan to CERES Documentation. (Nolan)• Converted PGE CER4.5-6.1P1 test_suite comparison structures to start all 4-byte words on 4-byte word boundary. (Nolan)• Ran subsetting scripts with time command in order to test GigE connection between SCF and DAAC. (Nolan)• Requested information from the DAAC on feasibility of producing subsetted SSFs at the SCF and having them placed in the DAAC archive as suggested by Norman Loeb. (Nolan)• Provided PGE sizing information on latest DAAC delivery. (Nolan)• Continued to work on the module that reads the SSF HDF file into a structure that can be printed by the ssfread program. (Franklin)• Completed work on an updated 5-record SSF HDF sample file and related read software package and delivered it to CERES CM. (Franklin)	
4.6	Nolan	Combined with above.	

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5.0	Coleman	<ul style="list-style-type: none"> Preparing software and documentation for Instantaneous SARB delivery to DAAC. (Coleman) Initiated work to modify the PGE CER5.2P1 software to write 185 single-parameter SDSs. (Franklin) 	
7.2	Coleman	Combined with above.	
12.0	Coleman	<ul style="list-style-type: none"> Retrieved a year's worth of ocean wave data from NOAA/NCEP as per Tom Charlock's request. (Kizer) Submitted Regrid MOA Test Plan to documentation department prior to posting on the web. (Kizer) Generated monthly averaged MOA values for January 1998 for Fred Rose. (Kizer) Continuing to work on version of Regrid MOA Subsystem and associated plotting software that uses ECMWF as the primary meteorological data source. (Kizer) 	
7.1	Nguyen/ Raju	Combined with below.	
8.0	Raju/ Nguyen	Combined with below.	
10.0	Nguyen/ Raju	<ul style="list-style-type: none"> Completed validating SS10 TOA SW flux interpolation routines using January data. (Nguyen, Raju) Completed modifying the Test Plan according to the new Test Plan template. (Raju). Preparing for DAAC delivery. (Raju, Nguyen) 	
6.0	McKoy	<ul style="list-style-type: none"> No new updates. 	
9.0	McKoy	Combined with above.	

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11.0	Stassi/ Fan	<ul style="list-style-type: none">January 1998 data were run through the GGEO main processors and postprocessor at the DAAC. (The DAAC)Tracked down an error in the SGI 7.2 64-bit version of the F90 compiler. The error was causing incorrect GGEO output (see CERESlib updates for details). The work-around in GGEO was simple. (Stassi)Modified GGEO off-line IDL programs to use the structure variable learned from the IDL classes to streamline the program. (Fan)Reviewing and editing draft of GOES-8 streak study report. (Stassi, Fan)	
CERESlib Stassi/ Fan		<ul style="list-style-type: none">Found an error in 64-bit version of the SGI 7.2 F90 compiler. The compiler did not recognize the full size of an array of structures unless the array limits were explicitly declared; e.g. "WRITE(...) arr" did not write the full array of structures. I had to explicitly "WRITE(...) arr(1:num)". I reported the error to SGI. It has already been fixed in the 7.3 version of the compiler. (Stassi)Updated validation versions of CERESlib with the tisa_grid_type_def module. CERESlib was delivered to CM and then to the DAAC. (McKoy, Stassi, Fan)Updated validation versions of CERESlib with the new sarb_params and crs_io modules, in preparation for another delivery to the DAAC. (Coleman, Fan)Added the tar_cereslib.csh script to the CERESlib bin directory. (Stassi)	
CM	Ayers	<ul style="list-style-type: none">Tested the following CERES subsystems and released them to the Langley DAAC: Clouds (Subsystems 4.1-4.4), CERESlib, and TISA Gridding (Subsystems 6.0 & 9.0). (Ayers)	
IST	Flug	<ul style="list-style-type: none">No new updates.	