

Table 1: July 10, 1996 - Subsystem Status.

SS No.	SS Lead	Status	Problems
1.0	Escuadra	<ul style="list-style-type: none"> Completed final design plans for Release 2 system (team). Ran and analyzed second Level 0 file from SDPF (Lake). Generated additional delimited ASCII output files for data analysis (Matthias, Cooper). Continued working on BDS-ES8 conversion program (Escuadra). Coded azimuth/elevation conversion functions in Instrument modules (Hess) 	
2.0	Chang	<ul style="list-style-type: none"> Supporting creation of SS2.0 input PRES8 files from BDS files. (Chang) Working with Green and Hinton on the new ADMs. (Chang) Working with Young on the new LW threshold numbers for SS2.0 and the code changes for SS3.0. (Chang) 	
3.0	Chang	Combined with above.	
4.1	Murray	<ul style="list-style-type: none"> Continued work on the integration of Coakleys Spatial Coherence Algorithm. Worked with Sharon Cady to study the CERES Nighttime Cloud Mask Algorithms. Worked with Pat Heck to determine problems in new VINT Algorithms. Provided input data sets to him as needed and provided updated versions to Tim Murray for volume testing. (Ms. Sun-Mack) Began studying Clouds documentation, attended meetings, and continued to gain understanding of Cloud System. Began work on a module to perform QC analysis for the Science Algorithms. (Mr. McIntire) Continued to remove the use of default values for optional string parameters to subroutines in order to work around an SGI f90 compiler defect. Held a meeting to discuss data discontinuities and design impact. Began implementing changes dealing with algorithm/data coverage. Continued work on the HIRS algorithm. (Mr. Murray) 	
4.2	Murray	see Subsystem 4.1	
4.3	Murray	see Subsystem 4.1	

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4.4	McKinley	<ul style="list-style-type: none"> Revised 4.4 ADD in response to DMO comments, document was formally posted June 28. Revised satellite position interpolation algorithm in IVT/IES simulation program, reran day 1 hourly IES files; plotted satellite positions appear to be correctly interpolated. Need to rerun 4.4 using these modified IES files to judge improvement in SSF footprint validity. Worked with Instrument subsystem to identify invalid view angle data in simulated IES files. 	
4.5	Nolan	<ul style="list-style-type: none"> Continued work on Subsystem 4.5 and 4.6 Quality Control (QC) Report. Initiated work on daily QC report (24-hours) for Subsystem 4.5 and 4.6. (Nolan and Volpato) Added an option to print out a range of footprints in Fortran 90 SSF print program. (Nolan and Volpato) Created a C version of the SSF read and SSF print programs. (Volpato) Continued work on three channel validation check in Subsystem 4.5. (Nolan) An entire ES-4G was written in HDF-EOS format. Data validation begins. (Jimenez) Began looking at restructuring the SSF in the swath format for subsetting purposes. (Jimenez and Nolan) 	
4.6	Nolan	Combined with above.	
5.0	Coleman	<ul style="list-style-type: none"> Continued testing with the SGI F90 compiler on 1000-record test cases NAG - 45 minutes, SGI - 15 minutes. Have not yet successfully implemented other SGI optimizations features. Incorporated Don's suggestions into the Architectural Design Document. 	
7.2	Coleman	Combined with above.	
12.0	Coleman	<ul style="list-style-type: none"> Continue to modify Regrid MOA Subsystem to use DAO data instead of NCEP data, focusing on differences in the vertical profile organizations between the two sources. 	
7.1	Sullivan	<ul style="list-style-type: none"> see Subsystem 10.0 	
8.0	Sullivan	<ul style="list-style-type: none"> Continued fixing the DPC for AVG/ZAVG in StP. (Raju) see Subsystem 10.0 	

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10.0	Sullivan	<ul style="list-style-type: none"> Made minor changes to the code to perform range checks on the output products SRBAVG and AVG/ZAVG, according to the modified type definitions for the output products. (Raju) Continued implementing SRBAVG in HDF using the HDF-EOS Grid API. Had to split the product into 8 files arranged by type of data. Time estimates for writing a complete SRBAVG in the 1 degree equal angle grid are huge. (Sullivan) Ran the 15-day test using the corrected GGEO data. Tested and debugged the geo-interpolation for longwave. (Sullivan) 	
6.0	McKoy	<ul style="list-style-type: none"> see Subsystem 9.0 	
9.0	McKoy	<ul style="list-style-type: none"> Implementing and testing/debugging the averaging algorithms. (McKoy) Working on the HDF design/implementation. (McKoy) Designing and implementing the range check module. (O'Beirne) Working on the QC reports. (Yue) 	
11.0	Stassi	<ul style="list-style-type: none"> Modified access routines to provide the Tisa Averaging subsystems with data to correctly convert GMT to local time. (Stassi) Modified code to initialize entire output header record with default values so that a diff comparison can be made against expected output. (Stassi) Modified run script for the 2-image test so that output is automatically validated against expected output. (Stassi) Began design modification to include B1 input. (Stassi) Successfully read the calibration data from the GOES B1 data files. (Fan) 	
CERESlib/ Fan		<ul style="list-style-type: none"> Successfully tested Toolkit 5.1 (SGI 64-bit version) on thunder. (Fan) Semi-automated library update procedures. (Stassi) 	
CM	Olaisen	<ul style="list-style-type: none"> Delta Deliveries for TISA Gridding (Subsystems 6.0 & 9.0) and TISA Averaging (Subsystems 7.1, 8.0, & 10.0) were validated and delivered to the DAAC. 	