

Table 1: August 15, 2001 - CM Status

SS No.	SS Lead	Status	Problems
CM	Ayers	<ul style="list-style-type: none"> • See Table 2 for SCCR activity since the last DMT meeting. SCCRs for Subsystems 1-4 that need to be reviewed follow Table 2. (Ayers) • Tested and released the following packages to the ASDC: Clouds (2), CERESlib, TISA Gridding, Inversion, and Instrument. (Ayers) • Updated ERBE-like and TISA Averaging files in SSI&T. (Ayers) 	

Table 2: SCCR Activity July 30 at 12:05pm - August 13 at 11:45am

SCCR	S	U	A	C	D	SS	Page No.	Comments
271				X		2.0&3.0		
272				X		1.0		
273				X		4.1-4.4		
274				X		9.0		
280		X			X	CERESlib		
281	X		X	X		9.0		
282	X		X	X		CERESlib		
283	X		X	X		4.5-4.5	2	
284	X		X			4.1	3	
285	X	X	X			1.0	4	

S=Submitted; U=Updated; A=Approved; C=Closed; D=Disapproved; SS=Subsystem

CERES Software Configuration Change Request Submittal

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Subsystem: Inversion SCCR Date & TIME: 2001-08-06 17:42:06 SCCR No.: 283

Description of Change (Science):

n/a

Reason for Change (Science):

n/a

Description of Change (non-Science):

Temporary modification to ssf_meta module to replace corrupt Gring metadata from CC4_1 = 019015

Reason for Change (non-Science):

To provide ability to create SSF Terra Beta1 metadata for problem hours without rerunning cloud code

Est. Time to Complete Changes: 1 day

Planned Delivery Date : 08/07/2001

Impact : n/a

Originator: NOLAN, SANDY K. (SAIC)

CERES Software Configuration Change Request Submittal

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Subsystem: Clouds4.1 SCCR Date & TIME: 2001-08-07 09:31:26 SCCR No.: 284

Description of Change (Science):

None

Reason for Change (Science):

None

Description of Change (non-Science):

New MCF files are delivered for SSFI, FQC, and FQCI to handle GRings with more than 72 points.

Reason for Change (non-Science):

Due to the complicated pattern of a polar orbiting satellite, more GRing points are required then TRMM. The SSF header information is being corrupted for Terra processing.

Est. Time to Complete Changes: 2 hours

Planned Delivery Date : 08/07/2001

Impact : Allow VIRSOnly processing to start, prevent problems in SS4.5-4.6.

Originator: MILLER, WALTER F. (SAIC)

CERES Software Configuration Change Request Submittal

Subsystem: Instrument

SCCR Date: 08/07/2001

SCCR Number: 285

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Fix fatal error while doing drift correction on Diagnostic APID data.

Reason for Change (non-Science):

Drift correction on Diagnostic data was not verifying that the next scan was a non-archive science scan. This caused problems when casting a Gimbal scan to a Science scan, a constraint error was raised triggering a fatal error in the subsystem.

Est. Time to Complete Changes: 1 Day

Planned Delivery Date : 8/9/2001

Impact : Reprocessing of any processed Terra August 2001 data

Date: 08/07/2001

Status: APPROVED

Originator: COOPER, DENISE L. (SAIC)

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ADDITIONAL CHANGES TO SCCR NO. 285:

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Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Fix Error in Metadata for Aqua.

Reason for Change (non-Science):

Metadata was reporting Aqua data as TRMM.

Date & Time: 2001-08-09 09:32:01

Originator : COOPER, DENISE L. (SAIC)

Table 3: August 15, 2001 - Subsystem Status

SS No.	SS Lead	Status	Problems
1.0	Cooper/ Escuadra	<ul style="list-style-type: none"> Delivered an update to the July 2001 delivery to fix an error found during production processing. A fatal error occurred when processing Diagnostic data when Gimbal data followed No Archive Science Data. (Cooper) Continue working on TRMM data recovery for 2000. (Szewczyk) Worked with Sandy Nolan to properly set up the new PGEs that will be delivered to ASDC beginning in September. (Cooper) Working on Ada HDF BDS read routines that will be use by the first of the new SS1 PGEs CER1.3P1, which will read a BDS and create BDSIs, containing subsetting BDS information for Internal calibrations. (Escuadra) Working on the new PGE to subset a BDS based on the occurrence of an Internal Calibration event. (Hess) Working on analysis of radiance data, three-channel intercomparison, coastline detection, etc. (Spence) 	
2.0	Kizer	<ul style="list-style-type: none"> Began looking into the possibilities of producing the ES-9 and ES-4 data products on the CERES 1-deg grid. (Kizer) Began efforts to create ES-8 subsetting HDF files for Dr. Martial Haeffelin and the CLAMS experiment to be placed in the ASDC data archive system. (Kizer) Determining a systematic approach to validating ES-8 & ES-4 gif files. Developing off-line code to characterize and validate geo-located radiances. (Walikainen) Continuing to examine the 'production' email generated by the QC checker software. (Walikainen) Continuing to inspect ERBE-like Terra and TRMM output plots and QC reports on the Web. (Walikainen, Kizer) 	
3.0	Kizer	Combined with above.	

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SS No.	SS Lead	Status	Problems
4.1	Sun-Mack	<ul style="list-style-type: none">• Worked on MODIS reader modification to read both versions (old channel and new channel). (Sun-Mack)• Worked with Jim Coakley on MODIS cloud retrievals intercomparisons. Picked 12 coast scenes that he is interested, communicated with him and Bill Tahnk (Jim's student) frequently. (Sun-Mack)• Produced Cloudvis data for Edition1 and posted them on the web. (Brown)• Processed QC data for Edition 2 from May-August 1998. (Brown)	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	
4.4	Miller	<ul style="list-style-type: none">• Started investigating CRS Gring failure. Have been working with Kay Rowe and Fenny Wang in understanding what needs to be there. Most of the problems were repeat points that were corrected in the last delivery. (Miller)• Delivered new MCF files to correct corruption in SSF Header file. (Miller)• Received data request from Joseph Lyu, TSDIS, so he could understand Dr. Stowes, NESDIS, dark albedo problem. (Miller)	

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SS No.	SS Lead	Status	Problems
4.5	Nolan	<ul style="list-style-type: none"> Added temporary modification to ssf_meta module to replace corrupt GRing metadata from CC4_1 = 019015. It provides the ability for PGE CER4.5-6.1P1 to create SSF Terra Beta1 metadata for problem hours without rerunning cloud code. (Nolan) CER4.5-6.1P1 test data and delivery package were prepared. The tar files were tested and the package was delivered to CM on August 6, 2001. (Nolan and Franklin) Modified SSF subset software at the SCF to include more precision for colatitude and longitude SSF parameters. Created new subset files for all TRMM along-track days for Norman. (Nolan) Initiated work to integrate new SW flux module and Edition2 ADMs into PGEs CER4.5-6.1P1 and CER4.5-6.3P1. (Nolan) Continued work to update SSF QC report software to work with the latest version of the SSF daily binary QC files. (Walter) 	
4.6	Nolan	Combined with above.	
5.0	Coleman	<ul style="list-style-type: none"> Checking that the CRS sample read package has the latest documentation, and contains all of the same items the ES-8 package has. (Coleman, Caldwell) Made web pages with SARB QC plots, which are not "public-ready," available to Tom Charlock. (Caldwell) Reviewing prologues and documentation for completeness and any possible improvements. (Coleman) 	
7.2	Coleman	Combined with above.	
12.0	Coleman	<ul style="list-style-type: none"> Continued working on plotting software to show differences between ECMWF-based and DAS-based MOAs for coincidental time periods. (Caldwell) 	
7.1	Nguyen/Raju	<ul style="list-style-type: none"> No new updates. 	
8.0	Raju/Nguyen	<ul style="list-style-type: none"> No new updates. 	

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10.0	Nguyen/Raju	<ul style="list-style-type: none"> Validating SS10 using the most recent February SFC. (Nguyen) Completed the read software C program for SRBAVG. Delivered the package to CM. (Nguyen) Comparing the surface flux from Beta 2 SSF with the ground data for the 30-minute average and 1-minute average measured data for surface flux validation. (Nguyen) 	
6.0	Stassi/Raju/Nguyen	<ul style="list-style-type: none"> No change. 	
9.0	Stassi/Raju/Nguyen	<ul style="list-style-type: none"> Corrected error in calculation of scene fraction. (Raju, Stassi) Tried to remove SGI F90 lib-4211 error by lining up all sequences in the sfc_record_type structure along 64-bit word boundaries; however, this did not correct the problem. (Cooper, Stassi) Modified compilation procedures so that PGEs 9.2 and 9.3 are compiled with the NAG F90 compiler. This is in order to work around the SGI F90 lib-4211 error. (Stassi) Created entire month of Feb 1998 SFC files in validation for Martial H. and Cathy N. to validate. (Stassi) Updated program to read the binary SFC files. (Raju, Stassi) 	
11.0	Stassi/Fan	<ul style="list-style-type: none"> Updating GGEO subsystem to latest Clouds subsystem code. (Stassi) Updated qc module routines to generate one ascii qc report file and one plot file containing all inter-comparison plots generated during the process. (Raju) Started updating the prologues to the intercomparison programs. (Raju) 	
CERESlib Stassi/Ayers		<ul style="list-style-type: none"> Changes were added for the TIsa Grid delivery. CERESlib was redelivered to CM. (Stassi) Testing procedures that will allow CVS updates for secure shells. These procedures should also allow remote logins to secure shells without having to type a password each time. (Flippo, Stassi) 	

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IST	Flug	<ul style="list-style-type: none">• No new updates.	