September 16, 2009 - System Issues and Status

Table 1: Process Strategy/Coleman as of 9/14/09

Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
M-PR 3-02		NSIDC-NESDIS	EICE ESNOW (SS4.1)	4.1-4.0P1	Standing request	
M-PR 3-09	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	
M-PR 2-09	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	
Standing requests AM- PR 1-05 to 7-05	Terra	Edition1-CV	BDS/ ERBElike (SS1-3)	1.1P3 1.2P1 1.3P1 1.3P2 2.1P1 2.2P1 2.3P1 2.3P2 3.1P1	Standing request	These PRs replace standing requests AM- PR 1-00 to 7-00.
Standing requests PM-PRs 15-05 to 18-05	FM3	Edition1-CV	BDS/ ERBElike (SS1-3)	1.1P5 1.2P1 1.3P1 1.3P2 2.2P1 2.3P1 2.3P2 3.1P1	Standing request	These PRs replace standing requests PM-PRs 1-05 to 4-05.
Standing requests PM-PRs 11-05 to 14-05	FM4	Ed1-CV-NoSW	BDS/ ERBElike (SS1-3)	1.1P5 1.2P1 1.3P1 1.3P2 2.2P1 2.3P1 2.3P2 3.1P1	Standing request	These PRs replace standing requests PM-PRs 7-05 to 10-05.
PR 37-09	FM1, FM2	ValR14	SSFI	Clouds delivery to magneto	8/07	Almost done – monthly QC in progress
PR 36-09	FM1, FM2	ValR14	SSF	Inversion delivery to magneto	8/07	Done. 9/11/09
PR 35-09	FM3, FM4	ValR14	SSFI	Clouds delivery to magneto	8/07	In Progress
PR 34-09	FM3, FM4	ValR14	SSF	Inversion delivery to magneto	8/07	In Progress

Table 1: Process Strategy/Coleman as of 9/14/09
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 72-09	FM1, FM2	ValR13	BDS, IES	1.3P3	April, October 2000 – 2004 Feb, 2005	Ready
PR 71-09	FM1, FM2	ValR13	BDS, IES	1.2P1	April, October 2000 – 2004 Feb. 2005	Ready
PR 70-09	FM1, FM2	ValR13	ES8	2.4P1	April, October 2000 – 2004 Feb. 2005	Ready
PR 69-09	FM1, FM2	ValR13	ES8	2.2P1	April, October 2000 – 2004 Feb. 2005	Ready
PR 68-09	FM1, FM2	ValR13	ES8	2.3P1	April, October 2000 – 2004 Feb. 2005	Ready
PR 67-09	FM1, FM2	ValR13	ES8	2.3P2	April, October 2000 – 2004 Feb. 2005	Ready
PR 66-09	FM1, FM2	ValR13	ES4, ES9	3.1P1	April, October 2000 – 2004 Feb. 2005	Ready
PR 57-08	FM1, FM2	Edition2A-QC	SSFI Clouds	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	1/1/07 – ~~9/1/07~~ 1/01/08	Done. 9/1/09
PR 56-08	FM1, FM2	Edition2F	SSF Inversion	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/1/07 – ~~9/1/07~~ 1/01/08	Done. 9/1/09
PR 55-08	FM1, FM2	Edition2F	SFC TISA-Grid	9.2P1 9.3P1 9.4P1	12/31/06 hr 12 – ~~9/1/07 hr 11~~ 1/1/08 hr 11	Done. 9/1/09
PR 54-08	FM1 V005 MOD08	Edition2F	CRS Inst SARB	5.0P1 5.1P1 5.4P1	1/1/07 – ~~8/31/07~~ 12/31/07	Almost done – processing final days of 12/07
PR 53-08	FM1	Edition2F	FSW TISA-Grid	6.1P1 6.2P1 6.3P1	1/1/07 – ~~8/31/07~~ 12/31/07	Almost done – processing final days of 12/07
PR 33-09	FM3, FM4	Edition1B	SSFI	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	9/1/07 – 1/01/08	Ready
PR 32-09	FM3, FM4	Edition2C/NoSW	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	9/1/07 – 1/01/08	Ready

Table 1: Process Strategy/Coleman as of 9/14/09
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 31-09	FM3, FM4	Edition2C/ NoSW	SFC	9.2P1 9.3P1 9.4P1	12/31/06 hr 12 – ~~9/1/07 hr 11~~ 1/1/08 hr 11	Ready
PR 30-09	FM3	Edition2C	CRS	5.0P1 5.1P2 5.4P2	9/1/07 – 12/31/07	Ready
PR 29-09	FM3	Edition2C	FSW	6.1P1 6.2P1 6.3P1	9/1/07 – 12/31/07	Ready
PR 57-09	FM5	PreLaunch-Beta1	Instrument	1.0P2	2/28/03 3/1/03 3/2/03 3/19/03	Ready – plan to run on 9/14 in support of SDS functional test
PR 56-09	FM5	PreLaunch-Beta1	Instrument	1.1P7	2/28/03 3/1/03 3/2/03 3/19/03	Ready – plan to run on 9/14 in support of SDS functional test
PR 55-09	FM5	PreLaunch-Beta1	Instrument	1.2P1	2/28/03 3/1/03 3/2/03 3/19/03	Ready – plan to run on 9/14 in support of SDS functional test
PR 50-09	FM5	PreLaunch-Beta1	Instrument	1.1P8	3/1/03	Ready – plan to run on 9/14 in support of SDS functional test
PR 54-09	FM1, FM2	PreLaunch-Beta1	Instrument	1.1P8	2/28/03 3/1/03 3/2/03 3/19/03	Ready
PR 53-09	FM1, FM2	PreLaunch-Beta1	Instrument	1.2P1	2/28/03 3/1/03 3/2/03 3/19/03	Ready
PR 52-09	FM3, FM4	PreLaunch-Beta1	Instrument	1.1P8	2/28/03 3/1/03 3/2/03 3/19/03	Ready
PR 51-09	FM3, FM4	PreLaunch_ Beta1	Instrument	1.2P1	2/28/03 3/1/03 3/2/03 3/19/03	Ready
PR 65-09	FM1, FM2	Edition3	BDS, IES	1.3P3	2/28/00 – 5/1/05	Pending ValR13 processing and approval
PR 64-09	FM1, FM2	Edition3	BDS, IES	1.2P1	2/28/00 – 5/1/05	Pending ValR13 processing and approval

Table 1: Process Strategy/Coleman as of 9/14/09
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 63-09		Beta10	GGEO	11.10P1	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	Pending Promotion
PR 62-09		Beta10	GGEO	11.2P2	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	Pending Promotion
PR 61-09		Beta10	GGEO	11.4P1	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	Pending Promotion
PR 60-09		Edition2A	GGEO	11.1P10	11/05 – 6/09	Pending Beta10 processing and approval
PR 59-09		Edition2A	GGEO	11.2P2	11/05 – 6/09	Pending Beta10 processing and approval
PR 58-09		Edition2A	GGEO	11.6P1	11/05 – 6/09	Pending Beta10 processing and approval
PR 44-09	FM1, FM2, MODIS V005	Edition2B-QC	SSFI	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	1/1/08 – 1/1/09	Pending ValR14 approval
PR 43-09	FM1, FM2	Edition2G	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/1/08 – 1/1/09	Pending ValR14 approval
PR 42-09	FM1, FM2	Edition2G	SFC	9.2P1 9.3P1 9.4P1	1/1/08 – 1/1/09 hr 11	Pending input and ValR14 approval
PR 41-09	FM1 V005 MOD08	Edition2G	CRS	5.0P1 5.1P1 5.4P1	1/1/08 – 12/31/08	Pending input
PR 40-09	FM1	Edition2G	FSW	6.1P1 6.2P1 6.3P1	1/1/08 – 12/31/08	Pending input and ValRx approval

Table 1: Process Strategy/Coleman as of 9/14/09
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 49-09	FM3, FM4, MODIS V005	Edition1C	SSFI	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	1/1/08 – 1/1/09	Pending ValR14 approval
PR 48-09	FM3, FM4	Edition2D/ Ed2D-NoSW	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	1/1/08 – 1/1/09	Pending ValR14 approval
PR 47-09	FM3, FM4	Edition2D/ Ed2D-NoSW	SFC	9.2P1 9.3P1 9.4P1	1/1/08 – 1/1/09 hr 11	Pending input and ValRx approval
PR 46-09	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P1	1/1/08 – 12/31/08	Pending recompile upon completion of PR 30-09 and subsequent ValRx processing and approval
PR 45-09	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	1/1/08 – 12/31/08	Pending input and ValRx approval
PRs in development (to be distributed by 9/18/09): New SARB Sfc Albedo Pre-processor and SYNI scripts		ValRx	SYNI	5.0P2 7.2.1P1		In Pre-Op testing

Table 2. September 16, 2009 - System Issues and Status

Activity	Lead	Status
CM/Docu-mentation	Ayers (Saunders)	• See Table 3 for the current CERES Subsystem Delivery Schedule, Table 4 for the current CERES Coefficients Delivery Schedule, and Table 5 for the current DPC Update Schedule. (Ayers) • See Table 6 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 6. (Ayers) • Raja updated the GGEO delivery (SCCR 653) to include the ability to process GOES-13 data and to run with Toolkit 5.2.16. PGE 11.1P10 was recompiled, retested, and released back to the ASDC on September 9. The GGEO Test Plan was updated accordingly, posted on the Web, and provided to the ASDC. (Ayers, Saunders) • The Instantaneous SARB (SCCR 718) Operator's Manual was updated, posted on the Web, and provided to the ASDC. (Saunders) • The updated Terra FM1 and FM2 Edition3 gains for February 28, 2000, through May 1, 2005 were delivered to *magneto-P4* and *warlock* on September 11. (Ayers) • A new prototype SSF Parameter Definition Document was created and provided to John Robbins. (Ayers, Saunders) • The CERES Subsystem and Coefficients Delivery Schedules were updated and posted on the Web. (Ayers, Saunders)

Table 3. CERES Subsystem Delivery Schedule – September 2009
(Next Science Team Meeting – November 3 – 5, 2009 in Ft. Collins, CO)

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)	Certified Platform(s)
CERESlib (SCCR 724)	August 28	September 11	September 18	Clouds and ceres-env modifications. TK5.2.16 version, also.			*magneto-P4, ami-P6, & ami-X86*
Clouds (SCCR 719)	August 21	September 11	September 18	Terra and Aqua Beta2-Edition3.	X		*magneto-P4*
Instrument (SCCR 723)	September 11	September 25	October 2	Delivering CER1.2P1 to test the SSI&T environment on *ami*.	X		*ami-P6 & ami-X86*
ERBE-like (SCCR 696)	September 11	September 25	October 2	To process everything including all of Edition3 on *magneto*.			*magneto-P4*
Synoptic SARB (SCCR 721)	September 11	September 25	October 2	Update PGE 7.2.1P1 to use new names of surface albedo history files produced by PGE 5.0P2. Port Synoptic SARB to new directory structure.			*magneto-P4*
Inversion (SCCR 722)	September 11	September 25	October 2	In case Clouds doesn't make the Edition3 schedule. (This delivery might not be needed since the code might only be run at the SCF.)		X	*magneto-P4*
TISA Averaging (SCCR 650)	September 18	October 2	October 9	Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing. New PGEs: CER10.0P1, CER10.0P2, & CER10.0P3.		X	*magneto-P4*

Table 3. CERES Subsystem Delivery Schedule – September 2009
(Next Science Team Meeting – November 3 – 5, 2009 in Ft. Collins, CO)

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)	Certified Platform(s)
Inversion (SCCR 704)	September 25	October 9	October 16	Terra and Aqua Beta2-Edition3.		X	*magneto-P4*
TISA Gridding	October 16	October 30	November 6	Edition2 & Beta2-Edition3 ISCCP-D2like-Day/Nit. (PGE 9.0P1) (This delivery might not be needed.)			*magneto-P4*
TISA Gridding	October 16	October 30	November 6	Beta1–Edition2 delivery of new PGE CER9.0P2 for new ISCCP-D2like-Merge (?) product. [All ISCCP-D2like HDF products will have the same format.]		X	*magneto-P4*
CERESlib	October 23	November 6	November 13	Instrument updates – C version of metadata.			*magneto-P4 & ami-P6*
Instrument	October 23	November 6	November 13	Build that runs full Terra/Aqua Baseline1-QC and Edition1-CV. PGE 1.1P8 (C++).	X		*magneto-P4 & ami-P6*
TISA Gridding	October 23	November 6	November 13	SFC Terra and Aqua Beta2-Edition3.			*magneto-P4*
Regrid MOA		November		Edition3 delivery.			*magneto-P4 & ami-P6*
TISA Averaging	November 6	November 20	November 27	SRBAVG-nonGEO Beta2-Edition3. New PGE for the subsetter code.		X	*magneto-P4*
Instrument (SCCR 715)		Fall		Updates to PGE CER1.1P7 (Ada) for NPP.			*warlock*

Table 3. CERES Subsystem Delivery Schedule – September 2009
(Next Science Team Meeting – November 3 – 5, 2009 in Ft. Collins, CO)

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)	Certified Platform(s)
Instrument (SCCR 716)		Fall		NPP delivery of all Ada PGEs except CER1.1P7 to X86 platform. May not need to deliver CER1.2P1 if the test delivery (SCCR 723) was successful.			*ami-X86*
GGEO		Fall		Edition2 & maybe Beta2-Edition3 ISCCP-D2like-GEO. [All ISCCP-D2like HDF products will have the same format.]			*magneto-P4*
Instantaneous SARB		Fall		New PGE to produce MATCH input files.		X	*magneto-P4*
TISA Averaging		Late Fall		SRBAVG-GEO Beta2-Edition3. Adding Model C surface fluxes and solar insulation.			*magneto-P4*
Instrument (SCCR 717)		Late Fall		Delivery of PGE CER1.1P7 to X86 platform for NPP. (Ada)			*ami-X86*
GGEO	November 20	December 4	December 11	Beta1-Edition3 delivery.			*magneto-P4*
Instrument		Winter		Pre-processor (PGE 1.0P2) updates. (C++)			*magneto-P4 & ami-P6*
Clouds		Late 2009		Terra and Aqua Edition3.			*magneto-P4*
Inversion		Late 2009		Terra and Aqua Edition3.			*magneto-P4*

Table 3. CERES Subsystem Delivery Schedule – September 2009
(Next Science Team Meeting – November 3 – 5, 2009 in Ft. Collins, CO)

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)	Certified Platform(s)
TISA Gridding		January 2010		Beta1-Edition2 delivery of new PGE CER9.0P2 (?) for new ISCCP-D2like-Flux (?) product. [All ISCCP-D2like HDF products will have the same format.]		X	*magneto-P4*
TISA Gridding		February 2010		Edition2 ISCCP-D2like-Flux.			*magneto-P4*
Instrument		February 2010		Build corrects NPP-related errors discovered in NCT3 testing.			*magneto-P4 & ami-P6*
Instrument		March 2010		Updates to PGE 1.1P8 for NPP. (C++)			*magneto-P4 & ami-P6*
Instrument		May 2010		Build corrects all NPP errors found so far. Last Build before launch freeze date.			*magneto-P4 & ami-P6*
Clouds		???		Support TRMM VIRS-only processing of August 2001 forward.			*magneto-P4*
Inversion		Two to four weeks after Clouds		Support TRMM VIRS-only processing.			*magneto-P4*
Instrument		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	*magneto-P4*

Table 4. CERES Coefficients Delivery Schedule – September 2009

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
ERBE-like	N/A	Fall		Terra Edition3 spectral response function files for Launch – April 2005.	*warlock/ magneto*
Instrument	N/A	Early Winter		Aqua Edition3 gain files for Launch – December 2006.	*warlock/ magneto/ ami*
ERBE-like	N/A	Winter		Aqua Edition3 spectral response function files for Launch – December 2006.	*warlock/ magneto/ ami*
Instrument/ ERBE-like	N/A	???		TRMM Edition3 gains and spectral response function files.	*warlock/ magneto/ ami*

Table 5. Data Products Catalog Update Schedule – September 2009

DPC Section	Due Date	Comments
SFC	May	Adding a few new parameters for Edition3
SRBAVG-nonGEO	Draft by July	Complete rework of DPC pages
SRBAVG-GEO	Draft by July	Complete rework of DPC pages
TSIB-SSF	September 15	New intermediate product
TSIB-GEO	September 15	New intermediate product
SYNI	September 15	Unknown severity of Edition3 DPC changes
SYN/AVG/ZAVG	September 15	Unknown severity of Edition3 DPC changes
FSW	September 15	Given CRS won't even be in draft mode yet, this date is probably incorrect. Given that CRS and FSW are decoupled from rest of processing, pressure to document & produce these products will not be as great as pressure on the other products.
CRS	December	Draft for science review
ISCCP-D2like products	???	There will be no differences between Edition2 & Edition3 DPC. Don't know the Edition2 DPC schedule.
MOA	???	Unknown if there are Edition3 changes.
GGEO	???	Unknown if there are Edition3 changes.

Table 6. SCCR Activity August 31 at 11:00 a.m. – September 14 at 1:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
653			X			11		
703				X		1		
710				X		1		
722			X			4.5-4.6		
723	X					1	13	
724	X					CERESlib	14	

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

CERES Software Configuration Change Request Submittal
==========

Subsystem: Instrument SCCR Date & TIME: 2009-09-10 14:33:47 SCCR No.: 723

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
Delivery of PGE CER1.2P1 to the new AMI system both P6 & x86

Reason for Change (non-Science):
Test out new SSIT area and the delivery process to that new area

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and Description of Parameter Change:
N/A

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem:
CER1.2P1

Estimated Time to Complete Change: 2 wks
Planned Delivery Date: 09/25/09
List Affected Subsystems and PGE Names: CER1.2P1

Originator: COOPER, DENISE L. (SSAI)

CERES Software Configuration Change Request Submittal
==========

Subsystem: CERESlib SCCR Date & TIME: 2009-09-10 14:48:08 SCCR No.: 724

*** All changes described in this SCCR were made in CERESlib. ***

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
See SCCR #720.

Reason for Change (Science):
See SCCR #720.

Description of Change (non-Science):
See SCCR #720.

Script changes to utilize Toolkit 5.2.16

Reason for Change (non-Science):
See SCCR #720.

Need to use the newest HDF5 version in 5.2.16 TK.

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and Description of Parameter Change:
N/A

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem:
All

Estimated Time to Complete Change: 1 day
Planned Delivery Date: 09/11/09
List Affected Subsystems and PGE Names: All

Originator: ZENTZ, SCOTT M. (SSAI)

Table 7. September 16, 2009 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Zentz	• 5.2.16 is now the default TK on AMI and *magneto*. (Zentz)	
1.0	Cooper (Walikainen)	• SCCR #723, first delivery to the new AMI system for PGE CER1.2P1, the Pre-ES8 generator. Will be delivered to both P6 and x86 platforms. Expect to deliver on 7/25/09. (Cooper) • For the past two months I have been working strictly on the Gain Analyzer (CER1.4P2) conversion. Currently for all of the tests that I have run, the differences for the Total, Window, and SWIC detectors between this version and CER1.3P2 (Ada code) can be attributed to round off error. The current version needs to be modified to read in data from a PCF file (via SDP Toolkit calls) and write error messages to the expected log files (also via Toolkit calls). I am currently working on adding these two capabilities. The Gain Analyzer also will write to meta data when the meta data routines become available. (Magill) • All future deliveries of the Ada code are expected to go straight to AMI if the delivery of CER1.2P1 is successful. (Cooper) • The updates include adding code to properly deal with zero length granules within the HDF5 RDRs. (Spivak)	

Table 7. September 16, 2009 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
2.0	Walikainen (Cooper)	• Continuing to examine QC checker email generated during production. (Walikainen) • Continuing to inspect ERBE-like Aqua and Terra output plots. (Walikainen) • Created candidate Terra Edition3 unfiltering coefficients for the Science Team. These are based on degraded SW and TOT channel spectral responses. (Walikainen) • Tasked to reconstitute code that creates unfiltering coefficients when the Total channel is replaced by a LW channel as is the case with FM6. (Walikainen) • Investigating how to increase the wavelength spectral response resolution in the uv band. (Walikainen)	
3.0	Walikainen (Cooper)	Combined with above.	
4.1	Sun-Mack (Brown)	• Implemented new Javascript animation feature in the Google Map tool (replaced the original applet with new code that required less memory to run) which allows viewing an animation of 3 parameters along with a global image at the same time - in development environment at the moment. (Heckert) • Replaced the single-parameter animation with the same animation player as above also. (Heckert) • Testing 1P6, 2P4, 2P5, and 3P3 on *magneto.* (Smith) • Began 1P6, 2P4, 2P5, and 3P3 changes to Test Plan. (Smith) • Worked on QC global images and statistics for ValR14 data set. Also produced difference results with Edition2A-QC. Posted results on the Web. (R. Brown) • Worked on Edition3 QC global images and statistics. Results are posted on the Web. (R. Brown)	

Table 7. September 16, 2009 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Brown) (Continued)	• Working on SSF results for Aqua (Edition2B and Edition2C) and Terra (Edition2B and Edition2F). (R. Brown) • Kept eyes on Var14 processing and validating the results as Ricky posted. (Sun-Mack) • Worked on Ed3 Beta2. Found the large SINT 2.1um optical depth was caused by model saturation. Implemented a fix. (Sun-Mack) • Review a JGR paper. (Sun-Mack) • Finalizing the Ed3 beta2 version, did the code modifications due to the Toolkit upgrade, scripts modification, compiling and testing on *magneto*. (Chen, Sun-Mack)	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	
4.4	Miller (Sun-Mack)	• No report received.	
4.5	Sothcott	• No report received.	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	• No report received.	
7.2	Caldwell (Coleman)	• No report received.	
12.0	Caldwell (Coleman)	• No report received.	
7.1	Nguyen (Raju, Filer)	• No new updates.	
8.0	Nguyen (Raju, Filer)	• No new updates.	

Table 7. September 16, 2009 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
10.0	Nguyen (Raju, Filer)	• Working on SRBAVGlite at Norman Loeb's request. (Nguyen) • Working with Shashi on updating and validating the surface flux code. (Nguyen) • Added Aqua part to pre-processor and subsetter and delivered latest and greatest code to Churngwei. Sent Michele some example netcdf data for plotting. (Filer)	
6.0	Raju (Nguyen)	• No new updates. (Raju)	
9.0	Raju (Nguyen)	• Modified ISCCP merge code to process multiple instruments and merge data to create intermediate zonal files. (Raju) • Compiled PGE CER9.3P2 (post processor) and CER9.4P2 (HDF process) Edition 3 software successfully at SCF. (Raju) • Continued to work on the test plan and operator's manual to include Edition 3 information. (Ron Parrish) • Work continued to update PGE CER9.2P2 main processor code. (Raju, Ron Parrish)	
11.0	Raju (Nguyen)	• Work continued to convert PCF shell scripts to perl. (Ron Parrish)	
CERES -lib	Zentz	• Delivery was made for Walt's SSF typedefs as well as the scripts necessary for using TK 5.2.16. (Zentz)	
Production Processing Database		• Continuing to populate database with filenames from current daily reports as well as from older reports that existed before the database. Continuing to develop scripts to automatically parse information in daily ANGe reports. (Coleman)	

Table 8. September 2, 2009 – Other NPP Issues

Activity	Status
Telecons/ Meetings	• Attended the SDS bi-weekly telecon Sept. 2. Main topics were upcoming Data/Documentation Convergence activities and preparation for GSIT Ground EEO at the end of Oct. No significant CERES issues discussed. (Closs) • Attended a Data/Documentation Convergence Q&A telecon Sept. 1, and the summary/wrap-up session of kick-off meeting Sept. 9. Main issues are related to VIIRS and OMPS. CDFCB content for CERES accurately describe RDR formats. (Closs) • Convened an SDS Functional Test Readiness Review Sept. 10 in preparation for the Sept. 14 tests. All networks and software are in place in anticipation of successful tests. (Closs)
System Engineering	• Made preparation and conducted the SDS Functional test #2 for ERB CARS. Populated the Requirements Traceability Matrix with test procedures, assembled test artifacts, and organized test participants and respective roles. (Closs) • Submitted an abstract for a paper presentation at the Fall American Geophysical Union conference for a session co-convened by the IPO and NCDC on future operational satellite remote sensing and ground systems. (Closs)