

February 17, 2010 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 02/16/10
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 1-09		NSIDC-NESDIS	EICE ESNOW 16 th mesh	4.1-4.0P2	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 44-09 SCCR 741	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 1/1/08 – 1/1/10	In Progress – on 7/08
PR 43-09 SCCR 690	FM1, FM2	Edition2G	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/1/08 – 1/1/09 1/1/08 – 1/1/10	In Progress – on 7/08

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PRs 104-09 thru 111-09 Clouds 2008 on <i>warlock</i> SCCR 742	FM1, FM2	ValR14w4 (GEOS4), ValR14w5 (G5-CERES)	SSF	Clouds and Inversion	12/07	In Progress ValR14w4 complete
PR 84-09 SCCR 719	FM3, FM4	Beta2-Ed3	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	1/04, 4/04, 7/04, 10/04, 1/06, 7/06	In Progress – on 1/06
PR 82-09 SCCR 704	FM3, FM4	Beta2-Ed3	SSF	4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	1/04, 4/04, 7/04, 10/04, 1/06, 7/06	In Progress – on 1/06
PRs 119-09 thru 126-09	FM1, FM2, FM3, FM4	Edition2	BDS, IES, ES8, ES4, ES9	Instrument and ERBE-like	1/2/09 – 10/1/09	Done – 2/16/10
PR 42-09 SCCR 685	FM1, FM2	Edition2G	SFC	9.2P1 9.3P1 9.4P1	1/1/08 – 1/1/09 1/1/08 – 1/1/10 hr 11	Ready
PRs 129-09 thru 135-09	FM1, FM2	ValR16 (for Ed3)	BDS, IES, ERBE-like	Instrument and ERBE-like	12/04, 5/05, 6/06, 10/07, 5/08, 3/09	Ready
PRs 96-09 SCCR 726		ValR14	ERBE-like snow	2.1P1	9/09 – 11/09	Ready
PR 95-09 SCCR 727	FM3, FM4	ValR14	SRF	2.4P1	9/07 – 11/07	Ready
PR 90-09 SCCR 727	FM1, FM2	ValR14	SRF	2.4P1	9/07 – 11/07	Ready
PR 41-09 SCCR 692	FM1 V005 MOD08	Edition2G	CRS	5.0P1 5.1P1 5.4P1	1/1/08 – 12/31/08 1/1/08 – 12/31/09	Process 1 st month and wait for SS checkout
PR 40-09 SCCR 685	FM1	Edition2G	FSW	6.1P1 6.2P1 6.3P1	1/1/08 – 12/31/08 1/1/08 – 12/31/09	Pending CRS input
PR 76-09 SCCR 718	FM1	Edition2G	SAH	5.0P2	1/08 – 12/08	Ready
PR 78-09 SCCR 718	FM1, FM2	Edition2B	SAH	5.0P2	11/05 – 6/06	Ready
PR 77-09 SCCR 718	FM1	Edition2F	SAH	5.0P2	7/06 – 12/07	Ready
PR 75-09 SCCR 718	FM3	Edition2B	SAH	5.0P2	11/05 – 6/06	Ready

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 74-09 SCCR 718	FM3	Edition2C	SAH	5.0P2	7/06 - 12/07	Ready
PR 2-10 SCCR 753	CERES	DAO-G5-CERES	MOA	12.1P1	1/08 – 12/09	In Progress – thru 10/09 – pending input
PR 1-10 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	1/08 – 12/09	In Progress – pending input
**** The PRs that follow cannot be processed until either input data are available or the PGEs have completed the delivery and testing phases. ****						
PRs 11-10 thru 14-10 (in development)	FM1, FM2, FM3, FM4	ValRx	SRBAVG	10.0P1, 10.0P2	1/04, 4/04, 7/04, 10/04	In Pre-Op Testing
PRs 9-10 thru 10-10 (in development)	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	3/2000 – 10/05	In Pre-Op Testing
PRs 7-10 thru 8-10 (in development)	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	7/2002 – 10/05	In Pre-Op Testing
PR 49-09	FM3, FM4, MODIS V005	Edition2C	SSFI	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	1/1/08 – 1/1/09 1/1/08 – 1/1/10	HOLD
PR 48-09 SCCR 690	FM3, FM4	Edition2D/ Ed2D-NoSW	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	1/1/08 – 1/1/09 1/1/08 – 1/1/10	HOLD
PR 47-09 SCCR 685	FM3, FM4	Edition2D/ Ed2D-NoSW	SFC	9.2P1 9.3P1 9.4P1	1/1/08 – 1/1/09 1/1/08 – 1/1/10 hr 11	Pending SSF input
PR 46-09	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P1	1/1/08 – 12/31/08 1/1/08 – 12/31/09	Pending SSF input - process 1 st month and wait for SS checkout
PR 45-09 SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	1/1/08 – 12/31/08 1/1/08 – 12/31/09	Pending input
PR 73-09 SCCR 718	FM3	Edition2D	SAH	5.0P2	1/08 – 12/08	Pending input data
PRs 127-09, 128-09	FM1, FM2	Edition3	BDS, IES	Instrument and ERBE	12/04 – 3/09	Pending ValRx approval

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 63-09 SCCR 653		Beta10	GGEO	11.10P1	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	Delivered
PR 62-09 SCCR 653		Beta10	GGEO	11.2P2	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	Delivered
PR 61-09 SCCR 653		Beta10	GGEO	11.4P1	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	Delivered
PR 60-09 SCCR 653		Edition2A	GGEO	11.1P10	11/05 – 6/09	Pending Beta10 processing and approval
PR 59-09 SCCR 653		Edition2A	GGEO	11.2P2	11/05 – 6/09	Pending Beta10 processing and approval
PR 58-09 SCCR 653		Edition2A	GGEO	11.6P1	11/05 – 6/09	Pending Beta10 processing and approval
PRs 5-10 thru 6-10 (in development)	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	11/05 – 12/09	In Pre-Op Testing
PRs 3-10 thru 4-10 (in development)	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	11/05 – 12/09	In Pre-Op Testing
PRs in development	FM1, FM2, FM3, FM4	Edition2x	TSI, SYNI, SYN/AVG /ZAVG	7.1P1 7.2P1 8.1P1	11/05 – 12/08	Pending input
PRs 138-09, 139-09 SCCR 746	FM1, FM2, FM3, FM4	ValR1	ISCCP-D2like-Day/Nit	9.0P1	7/02 – 4/03 Seasonal Months only	Delivered

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 141-09 SCCR 736		ValR1	ISCCP- D2like- GEO	11.7P1	7/02 – 4/03 Seasonal Months only	Delivered
PRs 136-09, 137-09 SCCR 746	FM1, FM2, FM3, FM4	Edition2	ISCCP- D2like- Day/Nit	9.0P1	Launch thru 9/09	Delivered
PR 140-09 SCCR 736		Edition2	ISCCP- D2like- GEO	11.7P1	3/2000 – 12/08	Delivered
PR 94-09 SCCR 734	FM3, FM4	ValR14	ES8	2.2P1	9/07 – 11/07	Pending Delivery
PR 93-09 SCCR 734	FM3, FM4	ValR14	ES8	2.3P1	9/07 – 11/07	Pending Delivery
PR 92-09 SCCR 734	FM3, FM4	ValR14	ES8	2.3P2	9/07 – 11/07	Pending delivery
PR 89-09 SCCR 734	FM1, FM2	ValR14	ES8	2.2P1	9/07 – 11/07	Pending Delivery
PR 88-09 SCCR 734	FM1, FM2	ValR14	ES8	2.3P1	9/07 – 11/07	Pending Delivery
PR 87-09 SCCR 734	FM1, FM2	ValR14	ES8	2.3P2	9/07 – 11/07	Pending delivery
PR 86-09 SCCR 735	FM1, FM2	ValR14	ES4, ES9	3.1P1	10/07	Pending Redelivery
PR 86a-09 SCCR 735	FM1+ FM3	ValR14	ES4, ES9	3.2P1	10/07	Pending Redelivery
PR 91-09 SCCR 735	FM3, FM4	ValR14	ES4, ES9	3.1P1	10/07	Pending Redelivery

Table 2. February 17, 2010 - System Issues and Status

Activity	Lead	Status
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> • See Table 3 for the current CERES Subsystem Delivery Schedule and Table 4 for the current CERES Coefficients Delivery Schedule. (Ayers) • See Table 5 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 5. (Ayers) • The Edition3 gains for Terra FM1 and FM2 for December 2, 2004, through March 1, 2009 were installed on <i>warlock</i> and <i>AMI</i>, and released to the ASDC on Thursday, February 4. (Ayers) • Testing is complete for the Instrument (SCCR 716) delivery on <i>AMI</i>, but we're still trying to resolve one problem. Bob Grandle was working on the problem, but then the systems went down. Hopefully the problem will be resolved soon after the systems are available again. (Ayers) • Two Instrument deliveries (SCCRs 717 and 747) have been delivered and will be tested once the systems are available. Another Instrument delivery (SCCR 731) is on hold for now. (Ayers) • The SSF Collection Guide was updated and posted on the Web. (Saunders) • The CERES Subsystem and Coefficients Delivery Schedules were updated and will be posted on the Web when the systems are available. (Ayers, Saunders)

Table 3. CERES Subsystem Delivery Schedule – February 2010

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)	October 30	November 20 In Testing	February 12	Terra/Aqua delivery of all Ada PGEs except CER1.1P7 to X86 platform.			<i>AMI-X86</i>
Instrument (SCCR 717)	November 20	December 4 In Testing	February 12	Delivery of PGE CER1.1P7 to X86 platform for NPP. (Ada)			<i>AMI-X86</i>
Instrument (SCCR 731)	October 23	November 6 On Hold	February 12	Build that runs full Terra/Aqua Baseline1-QC and Edition1-CV. PGE 1.1P8 (C++).			<i>AMI-P6</i>
Instrument (SCCR 747)	January 22	February 5 In Testing	February 12	Pre-processor (PGE 1.0P2) updates. (C++)			<i>AMI-P6</i>
TISA Gridding (SCCR 739)	January 29	February 19	February 26	SFC Terra and Aqua Beta2-Edition3. PGEs CER9.2P2, CER9.3P2, & CER9.4P2.	X	X	<i>AMI-P6</i>
Instrument (SCCR 756)	January 29	February 19	February 26	New C++ CER1.4P1 (formerly CER1.3P1).		X	<i>AMI-P6</i>
Inversion (SCCR 722)	February 5	February 19	February 26	Incorporate Edition3 IESs into SSFs without having to rerun Clouds.		X	<i>magneto-P4</i>
ERBE-like (SCCR 735)	October 30	February 26	March 5	Delivering the Subsystem 3 PGEs.			<i>magneto-P4</i>
ERBE-like (SCCR 734)	February 12	February 26	March 5	Delivering the remaining Subsystem 2 PGEs with updates for crosstrack.			<i>magneto-P4</i>

Table 3. CERES Subsystem Delivery Schedule – February 2010

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)
GCEO	February 12	February 26	March 5	First delivery of PGE CER11.6P1 to magneto. (Edition2)			<i>magneto-P4</i>
Instrument (SCCR 755)	March 5	March 19	March 26	Updates to PGE 1.1P8 for NPP. (C++) Also, build to correct any NPP-related errors discovered in NCT3 testing.			<i>AMI-P6</i>
TISA Gridding		March		Beta1–Edition2 delivery of 2 new PGEs (CER9.0P2 & CER9.0P3) for new ISCCP-D2like-Mrg product. [All ISCCP-D2like HDF products will have the same format.]		X	<i>AMI-P6</i>
TISA Averaging		March/April		SRBAVG-nonGEO Beta2-Edition3. New PGE for the subsetter code.		X	<i>AMI-P6</i>
TISA Gridding		April/May		Edition2 ISCCP-D2like-Flx.			<i>AMI-P6</i>
TISA Averaging		April/May		SRBAVG-GEO Beta2-Edition3. Adding Model C surface fluxes and solar insolation.			<i>AMI-P6</i>
TISA Gridding		May		Beta2-Edition3 ISCCP-D2like-Day/Nit. (PGE 9.0P1) (This delivery might not be needed.)			<i>AMI-P6</i>
ERBE-like (SCCR 740)		May		Delivery of all ERBE-like PGEs to AMI.			<i>AMI-P6</i>

Table 3. CERES Subsystem Delivery Schedule – February 2010

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)
Instantaneous SARB		Mid May		New PGE to produce MATCH input files.		X	<i>AMI-P6 & AMI-X86</i>
GGEO		???		Beta1-Edition3 GGEO delivery.			<i>AMI-P6</i>
Clouds		June		Terra and Aqua Edition3.			<i>AMI-P6</i>
Inversion		July		Terra and Aqua Edition3.			<i>AMI-P6</i>
Instrument	August 6	August 20 (Launch – 13 months)	August 27	Build corrects all NPP errors found so far. Last Build before launch freeze date. Might not be needed. Includes pre-processor.			<i>AMI-P6</i>
Instantaneous SARB		August		Edition3			<i>AMI-P6 & AMI-X86</i>
Synoptic SARB		November		Edition3			<i>AMI-P6 & AMI-X86</i>
Clouds		???		Support TRMM VIRS-only processing of August 2001 forward.			<i>magneto-P4</i>
Inversion		Two to four weeks after Clouds		Support TRMM VIRS-only processing.			<i>magneto-P4</i>
Instrument (SCCR 641)		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	<i>magneto-P4</i>

Table 4. CERES Coefficients Delivery Schedule – February 2010

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
ERBE-like	N/A	March 5		Terra Edition3 spectral response function files for Launch – January 2009.	<i>warlock/ magneto/ AMI</i>
Instrument	N/A	April		Aqua Edition3 gain files for Launch – March 2005.	<i>warlock/ AMI</i>
ERBE-like	N/A	April (Two weeks after associated gains files)		Aqua Edition3 spectral response function files for Launch – March 2005.	<i>warlock/ magneto/ AMI</i>
Instrument/ ERBE-like	N/A	???		TRMM Edition3 gains and spectral response function files.	<i>warlock/ magneto/ AMI</i>

Table 5. SCCR Activity February 2 at 2:30 p.m. – February 16 at 2:30 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
622		X				5	11	
644				X		7.2		
647				X		5		
649				X		8		
652				X		7.2		
653			X			11		
676				X		7.2		
734			X			2		
735			X			3		
750					X	2 & 3		
754		X	X			1	13	
755			X			1		
756	X					1	15	

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

CERES Software Configuration Change Request Submittal

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Subsystem: InstSARB

SCCR Date: 04/14/2006

SCCR Number: 622

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

Parameter Change: (X) YES () NO

Description of Change (Science):

This is a preliminary SCCR for the Edition3 version of the Instantaneous SARB software. Details to be provided closer to the time of the actual software delivery.

Reason for Change (Science):

To begin preparing the software to produce the Edition3 CRS product.

Description of Change (non-Science):

N/A

Reason for Change (non-Science):
N/A

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and Description of Parameter Change:
Complete list to be provided with final version of SCCR.

Reason for Parameter Change:
Changes to the input product (SSF) and various algorithms.

Affected PGEs in this Subsystem: 5.1

Estimated Time to Complete Change: unknown
Planned Delivery Date: unscheduled
List Affected Subsystems and PGE Names: 6.0

Date: 04/24/2006 Status: APPROVED

Originator: COLEMAN, LISA H. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 622:

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Parameter Change: () YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
Disapprove SCCR

Reason for Change (non-Science):
This SCCR is no longer necessary

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: 5.1P1, 5.1P2

Estimated Time to Complete Change: None
Planned Delivery Date: None
List Affected Subsystems and PGE Names: None

Date & Time: 2010-02-09 11:51:29

Originator: CALDWELL, THOMAS E. (SSAI)

CERES Software Configuration Change Request Submittal

Subsystem: Instrument

SCCR Date: 01/22/2010

SCCR Number: 754

Parameter Change: () YES (X) NO

Description of Change (Science):

Requirement 1-28 New C++ Gain Analyzer CER1.4P2 (Formerly CER1.3P2)
New C++ CER1.4P1 (Formerly CER1.3P1)

Reason for Change (Science):

Conversion of Ada code to C++

Description of Change (non-Science):

N/A

Reason for Change (non-Science):

N/A

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: New CER1.4P1 and CER1.4P2

Estimated Time to Complete Change: Three Weeks

Planned Delivery Date: 2/15/2010

List Affected Subsystems and PGE Names: None

Date: 02/03/2010

Status: APPROVED

Originator: MAGILL, BRIAN E. (SSAI)

ADDITIONAL CHANGES TO SCCR NO. 754:

Parameter Change: () YES (X) NO

Description of Change (Science):

Please disapprove this SCCR, opening new SCCR to only deliver PGE CER1.4P1.

Reason for Change (Science):

Not yet ready to deliver CER1.4P2

Description of Change (non-Science):

N/A

Reason for Change (non-Science):

N/A

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: NONE

Estimated Time to Complete Change: 1 day
Planned Delivery Date: Feb. 18, 2010
List Affected Subsystems and PGE Names: CER1.4P2

Date & Time: 2010-02-12 11:02:33

Originator: MAGILL, BRIAN E. (SSAI)

CERES Software Configuration Change Request Submittal

Subsystem: Instrument

SCCR Date & TIME: 2010-02-12 11:08:41

SCCR No.: 756

Parameter Change: () YES (X) NO

Description of Change (Science):

Req# 1-28:

New C++ PGE CER1.4P1 to replace Ada PGE CER1.3P1.

Reason for Change (Science):

Req# 1-28:

Deliver new C++ BDSI subsetter to AMI P6, to replace existing Ada PGE CER1.3P1.

Description of Change (non-Science):

N/A

Reason for Change (non-Science):

N/A

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: CER1.4P1

Estimated Time to Complete Change: 1 week

Planned Delivery Date: Feb. 18, 2010

List Affected Subsystems and PGE Names: CER1.3P1 -- to be retired

Originator: MAGILL, BRIAN E. (SSAI)

Table 6. February 17, 2010 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Zentz	<ul style="list-style-type: none"> No new updates. (Zentz) 	
1.0	Cooper (Walikainen)	<ul style="list-style-type: none"> CER1.0P2 was delivered to CERES CM. (Cooper & Spivak) Edition3 gain updates thru March 1, 2009 have been delivered. (Cooper) Work continues on updates to PGE CER1.1P8. (Grepotis & Timcoe) Working to deliver PGE CER1.4P1 the C++ conversion of CER1.3P1; this should be delivered early this week. PGE CER1.4P2 will be delayed due to issues with differences in values between the Ada and C++. (Magill) 	
2.0	Walikainen (Cooper)	<ul style="list-style-type: none"> Continuing to examine QC checker email generated during production. (Walikainen) Continuing to inspect ERBE-like Aqua and Terra output plots. (Walikainen) Creating a year's worth of Edition3 monthly data products. Tak wants to examine our new crosstrack-only data. (Walikainen and Lande) 	
3.0	Walikainen (Cooper)	<ul style="list-style-type: none"> Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> Continued work on Edition 3 QC post processing. (Smith) Started NPP VIIRS reader. Had an overview of how Clouds read different CIDs. Began studying HDF files and usage in clouds code. (Smith & Sun-Mack) Worked on processing FLASHflux QC monthly results from 200601 - 200912. Web scripts were modified and Orthogonal images were added to the results. Results were posted on the Web. (R. Brown) Worked on processing QC global images and statistics for 200803 and 200804 for Terra Edition2B-QC. Results were posted on the Web. (R. Brown). 	

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SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Brown) (Cont'd)	<ul style="list-style-type: none"> • For the Terra/Aqua imagery viewing tool: Added new parameter MultiLayer, adjusted tool to work with the new directory structure, added functionality to view Global, North Pole and South Pole images and plot simultaneously for several parameters. (Heckert) • Continued working on CERES website redesign; transferred almost all of the Documentation section to the new format. (Heckert) • Worked on parameterizations of Cloud effective height when forcing cloud height to CO2 height. This is for improvement of Clouds Ed3. (Sun-Mack) • Worked on, read and gave comments for Retrieval part II paper. (Chen & Sun-Mack) 	
4.2	Sun-Mack	<ul style="list-style-type: none"> • Combined with above. 	
4.3	Sun-Mack	<ul style="list-style-type: none"> • Combined with above. 	
4.4	Miller (Antropov)	<ul style="list-style-type: none"> • Worked on a program to fill the point spread function for the footprint with MODIS albedo data. Replacing individual reads with a buffer read to speed up the program. (Antropov) (Edition3) • Monitored Terra Edition2B-QC and Aqua Beta2Ed3 production. (Miller) • Started effort to gather questions for next IT plenary session. (Miller) 	
4.5	Sothcott	<ul style="list-style-type: none"> • Attended weekly SOFA working group meetings. (Sothcott) • Continued work on IES-SSF software and FLASHflux software. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> • Combined with above. 	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • Working on Edition3. (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> • No new updates. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • Waiting for arrival of latest GMAO test data. (Caldwell) 	

Table 6. February 17, 2010 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
7.1	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> No new updates. (Nguyen) 	
8.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> Cleaning up other subsystem code that is no longer needed. (Lock) 	
10.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> Provided the time series TOA fluxes plots of March 2000 through December 2007 SRBAVGs and SRBAVGLite nonGEO and SRBAVGLite GEO to Norman Loeb. (Nguyen) Provided global TOA fluxes average data of the SRBAVGLite and SRBAVGLite GEO to Norman Loeb. (Nguyen) Writing F90 programs to read and to write output of the desired parameters of SRBAVG and SRBAVGLite for Norman Loeb to study the cause of the difference in the nonGEO and GEO TOA flux. (Nguyen) Reviewing GGEO-3-Hourly Plots for bad data that will require cleanup from Nov. 2005 –Dec. 2006. (Lock) 	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> Preparing for Edition3 SS9 delivery on to <i>AMI</i>. (Raju) 	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> Work continued on modifying the PGEs CER9.2P2, CER9.3P2 and CER9.4P2 scripts and documentation based on requested modifications for Edition 3. (Ron Parrish) 	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> Completed 11/05 - 10/08 GEO runs for all satellites at SCF and provided inputs to TISA averaging. (Raju) Continued to respond to the inquiries regarding the GGEO testing at SSIT. (Raju) Preparing for CER11.6P1 PGE delivery on to <i>magneto</i>. (Raju) Working with Betty Lock to let her know how to check the bad scan data on ggeo web plots. (Lock & Raju) 	
CERES-lib	Zentz	<ul style="list-style-type: none"> No new updates (Zentz) 	

Table 7. February 14, 2010 – DM Tasks

Activity	Status
Code Optimization (Coleman)	<ul style="list-style-type: none"> • No new updates due to higher priorities. (Coleman)
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> • Continuing to migrate PRs to Excel. Incorporating first round of feedback from SIT. (Coleman) • Meeting to write charter. (Bodden, Settel, Parrish, Magill, & Coleman)
Ordering Tool (Kizer)	<ul style="list-style-type: none"> • The directories for developing the CERES data landing pages continues to be off-line. (Kizer) • The CERES project pages to include the new landing pages are being reformatted to an updated design with new graphics. (Kizer) • A meeting was held to finalize all hardware requirements needed to make the tool available on the web for the CERES Science Team meeting. (Kizer) • The data ordering tool was formatted to the new CERES web page design. (Kizer)

Table 8. February 17, 2010 – NPP Issues

Activity	Status
Telecons/ Meetings (Closs)	<ul style="list-style-type: none">• Participated in the NPP GSIT System Integration & Test meetings February 5 and 12. Refined ERB CARS test procedures, reviewed the GSIT Test Plan, and provided a staffing plan to the SDS test manager. (Closs)• Attended the NPP Science Data Segment telecon February 3. The main topic has been preparations for the NPP Ground System Interface Test. Details above. (Closs)
System Engineering (Closs)	<ul style="list-style-type: none">• Participated in an FM5 science data management scheduling meeting to map out software builds, preparations and delivery dates to support ground system testing and launch readiness. (Closs)

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status ¹	Current Prod. Platform ^{2,3} (TK Version for compilation) ⁶	Status for Planned Update/New PGE ¹	Prod Platform for Planned Update ² (TK Version for compilation) ⁶	Comments
Instrument - 1	CER1.0P1			Developing	P6	Will comply with all the latest whenever delivered
	CER1.0P2	Active	P4 (15)	Developing	P6 (16)	C++ RDR Pre-Processor
	CER1.1P1	Active	W	SSI&T	X86	To be disabled when C++ working-CER1.1P8
	CER1.1P3	Active	W	SSI&T	X86	To be disabled when C++ working-CER1.1P8
	CER1.1P5	Active	W	SSI&T	X86	To be disabled when C++ working-CER1.1P8
	CER1.1P7	SSI&T	W	SSI&T	X86	Ada NPP
	CER1.1P8	SSI&T	P6 (16)			C++ NPP, Terra, Aqua
	CER1.2P1	Active	W	SSI&T	X86	C code, delta delivery for NPP completed.
	CER1.3P1	Active	W	SSI&T	X86	Replace with CER1.4P1 on P6
	CER1.3P2	Active	W	SSI&T	X86	Replace with CER1.4P2 on P6
	CER1.3P3	Active	W	SSI&T	X86	Replace with CER1.4P3 on P6
	CER1.4P1			Developing	P6 (16)	
	CER1.4P2			Developing	P6 (16)	
CER1.4P3			Developing	P6 (16)		
ERBE-like - 2	CER2.1P1	Active	W	ValRx	P4 (16)	
	CER2.2P1	Active	W	Developing	P4 (15)	Compile HDF with TK 15, run with TK 16
	CER2.3P1	Active	W	Developing	P4 (15)	Compile HDF with TK 15, run with TK 16
	CER2.3P2	Active	W	Developing	P4 (15)	Compile HDF with TK 15, run with TK 16
	CER2.4P1	Active	W	ValRx	P4 (16)	
ERBE-like - 3	CER3.1P1	Active	W	SSI&T	P4 (16)	
	CER3.2P1	Active	W	SSI&T	P4 (16)	
Clouds 4.1-4	CER4.1-4.0P1	Active	W ³			
	CER4.1-4.0P2	Active	P4 (15)			
	CER4.1-4.1P4	Active	W	ValRx	P4 (15)	<i>warlock</i> version recompiled for 2008 Edition2
	CER4.1-4.1P5	Active	W	ValRx	P4 (15)	<i>warlock</i> version recompiled for 2008 Edition2

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status ¹	Current Prod. Platform ^{2,3} (TK Version for compilation) ⁶	Status for Planned Update/New PGE ¹	Prod Platform for Planned Update ² (TK Version for compilation) ⁶	Comments
	CER4.1-4.1P6	Active	P4 (15)	Developing	P6 (16)	Beta2-Ed3 (P4), Ed3 (P6)
	CER4.1-4.2P2	Active	W	ValRx	P4 (15)	
	CER4.1-4.2P3	Active	W	ValRx	P4 (15)	
	CER4.1-4.2P4	Active	P4 (15)	Developing	P6 (16)	Beta2-Ed3 on P4, Ed3 to be on P6
	CER4.1-4.2P5	Active	P4 (15)	Developing	P6 (16)	Beta2-Ed3 on P4, Ed3 to be on P6
	CER4.1-4.3P2	Active	W		P4 (15)	
	CER4.1-4.3P3	Active	P4 (15)	Developing	P6 (16)	Beta2-Ed3 on P4, Ed3 to be on P6
Inversion/SOFA 4.5-6	CER4.5-6.1P2	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.1P3	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.1P4	Active	P4 (16)	Developing	P6 (16)	Terra Main Ed3 version of 1P2
	CER4.5-6.1P5	Active	P4 (16)	Developing	P6 (16)	Aqua Main Ed3 version of 1P3
	CER4.5-6.2P2	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.2P3	Active	P4 (16)	Developing	P6 (16)	Subset postprocessor for Terra and Aqua (Ed3 version of 2P2)
	CER4.5-6.3P2	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.3P3	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.4P1	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.4P2	Active	P4 (16)	Developing	P6 (16)	Monthly validation site (Ed3 for 4P1)
	CER4.5-6.5P2			Developing	P4 (16)	IES-SSF Terra New PGE
	CER4.5-6.5P3			Developing	P4 (16)	IES-SSF Aqua New PGE
	CER4.5-6.6P2	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.6P3	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status ¹	Current Prod. Platform ^{2,3} (TK Version for compilation) ⁶	Status for Planned Update/New PGE ¹	Prod Platform for Planned Update ² (TK Version for compilation) ⁶	Comments
SARB - 5	CER5.0P1	Active	W, P4 (15)			
	CER5.0P2	Active	P4 (15)		P6 (16)	
	CER5.1P1	Active	W, P4 (15)			
	CER5.1P2	ValRx	P4 (16)			
	CER5.1P3			Developing	P6 (16)	New PGE - Edition3 Main for Terra and Aqua
	CER5.4P1	Active	W, P4 (15)			
	CER5.4P2	ValRx	P4 (16)			
TISA Grid - 6	CER6.1P1	Active	W, P4 (15)			
	CER6.1P2			Developing	P6 (16)	New PGE for Edition3
	CER6.2P1	Active	W, P4 (15)			
	CER6.2P2			Developing	P6 (16)	New PGE for Edition3
	CER6.3P1	Active	W, P4 (15)			
	CER6.3P2			Developing	P6 (16)	New PGE for Edition3
TISA Avg - 7.1	CER7.1.1P1	Active	W, P4 (15)			
SARB - 7.2	CER7.2.1P1	ValRx	W, P4 (16)			
TISA Avg - 8	CER8.1P1	Active	W, P4 (15)			
TISA Grid - 9	CER9.0P1	Active	W, P4 (15)			
	CER9.1P1	Active	W, P4 (15)			
	CER9.1P2		P6 (16)	Developing	P6 (16)	New PGE for Edition3
	CER9.2P1	Active	W, P4 (15)			
	CER9.2P2			Developing	P6 (16)	New PGE for Edition3
	CER9.3P1	Active	W, P4 (15)			
	CER9.3P2			Developing	P6 (16)	New PGE for Edition3
	CER9.4P1	Active	W, P4 (15)			
	CER9.4P2			Developing	P6 (16)	New PGE for Edition3

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status ¹	Current Prod. Platform ^{2,3} (TK Version for compilation) ⁶	Status for Planned Update/New PGE ¹	Prod Platform for Planned Update ² (TK Version for compilation) ⁶	Comments
TISA Avg - 10	CER10.0P1	SSI&T	P4 (16)			New PGE
	CER10.0P2	SSI&T	P4 (16)			New PGE
GGEO - 11	CER11.1P10			Developing	P4 (16)	
	CER11.2P2			Developing	P4 (16)	
	CER11.4P1			Developing	P4 (16)	
	CER11.6P1	Active	W			
	CER11.7P1	Active	P4 (15)			
Regrid MOA -12	CER12.1P1	Active	W, P4 (16)	SSI&T	P6 (16), X86 (16)	Delivery to P6 also included X86 capability
	CER12.1P2	Active	P4 (16)	SSI&T	P6 (16), X86 (16)	Ed3 MOA - Delivery to P6 also included X86 capability

Table 1 Key:		
¹ Status	Active	Currently able to run in production
	Developing	New PGE in development, still to be delivered for the first time. Values in columns to right of the "Current PGE Production Status" column, such as the "Prod. Platform" column, are assumptions only and are highly subject to change.
	Disabled	PGE not currently in production but could be reinstated if requested
	Deleted	PGE no longer in production with little or no possibility of being reinstated
	SSI&T	PGE delivered and in SSI&T testing prior to operational processing
	ValRx	PGE promoted to production on platform, but still undergoing ValRx testing and approving phase
² Prod. Platform	W	warlock
	P4	Magneto - IBM P4
	P6	Magneto - IBM P6
	X86	Magneto - IBM X86
³ Prod. Platform	W	If no other platform is indicated, then the associated PGE will be deleted once warlock is removed. Replacement PGEs on other platforms will have a new PGE identifying number and a separate entry in spreadsheet.
⁶ Prod. Platform (TK ver)	15, 16	Indicates with which version of toolkit the PGE executable was compiled. 15=Version 5.2.15, 16=5.2.16 (Note: IBM PGEs only)
⁵ Toolkit ver16 Tested		Criteria for defining Toolkit Version 16 Tested column value equal to "P4", "P6", "X86": If PGE is in production on P4 and compiled already with TK 15, does the existing executable work with TK 16 as long as LD_LIBRARY_PATH points to TK 15? If PGE not already compiled for production, does it compile and work with TK 16? For the P6/X86, does the version of s/w being tested on the P6/X86 work with TK 16?

Table 2: CERES Product Current Events Status Table			
Table 2 - CERES Data Products			
Product Name	Responsible Working Group	Archival, Internal, or Ext. Input	URL in Sample Read README updated ¹ ? (Y/N)
BDS	Instrument	Archival	N
ES-8	ERBE-like	Active	N
ES-9	ERBE-like	Archival	N
ES-4	ERBE-like	Archival	N
SSF	Inversion	Archival	Y
CRS	SARB	Archival	N
FSW	TISA-Gridding	Archival	N
SYN	TISA-Averaging	Archival	Y
AVG	TISA-Averaging	Archival	Y
ZAVG	TISA-Averaging	Archival	Y
SFC	TISA-Gridding	Archival	N
SRBAVG	TISA-Averaging	Archival	Y
ISCCP-D2like-Day/Nit	TISA-Gridding	Archival	Y
ISCCP-D2like-GEO	TISA-GGEO	Archival	Y
INSTR	Instrument	Internal	N/A
IES	Instrument	Internal	N/A
EID-6	ERBE-like	Internal	N/A
CRH	Clouds	Internal	N/A
GGEO	TISA	Internal	N/A
MOA	SARB	Internal	N/A
CID-VIRS	Clouds	Ext. Input	N/A
CID-MODIS	Clouds	Ext. Input	N/A
SURFMAP	Clouds	Ext. Input	N/A
GEO	TISA	ValRx	N/A
APD	SARB	Ext. Input	N/A
GAP	SARB	Ext. Input	N/A
MWH	SARB	Ext. Input	N/A
OPD	SARB	ValRx	N/A

Table 2: CERES Product Current Events Status Table			
Table 2 - CERES Data Products			
Product Name	Responsible Working Group	Archival, Internal, or Ext. Input	URL in Sample Read README updated ¹ ? (Y/N)
¹ Sample Read Package README files: References to URL http://asd-www.larc.nasa.gov/ceres/ASDceres.html need to be updated to http://science.larc.nasa.gov/ceres			

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
1/12/2010	All	Moved PGEs with status of "Deleted" or "Disabled" to new sheet as Table 3
	CER2.1P1, CER2.4P1	Changed Planned Update status from SSI&T to ValRx
	CER2.2P1	Corrected Planned Update status from SSI&T to Developing
	CER2.3P1,2	Changed TK Version for Planned Update from 15 to 16
	CER 4.1-4.0P2, CER4.1-4.1P4,5, CER4.5-6.1P4,5, CER4.5-6.2P3, CER4.5-6.4P2	Changed Current Production Status from SSI&T to Active
	CER6.xP2	New PGEs added to Table 1
	CER12.1Px	Changed Planned Update Status to SSI&T, Changed Current Production Status TK version from 15 to 16

Table 3. CERES Disabled and Deleted PGEs
(Published in DMT Report Only When a PGE is Added to Table)

Subsystem ID	PGE ID	Current PGE Production Status ¹	Comments
Instrument - 1	CER1.1P2	Disabled	Remain disabled
	CER1.1P4	Disabled	Remain disabled
	CER1.1P6	Disabled	Remain disabled
ERBE-like - 2			
ERBE-like - 3	CER3.2P2	Disabled	
Clouds 4.1-4	CER4.1-4.1P1	Disabled	
	CER4.1-4.1P2	Disabled	Collection 4
	CER4.1-4.1P3	Disabled	Collection 4
	CER4.1-4.2P1	Disabled	Collection 4
	CER4.1-4.3P1	Disabled	Collection 4
	CER4.1-4.4P1	Disabled	In Op Man, but not in FMP. Delete?
Inversion/SOFA 4.5-6	CER4.5-6.1P1	Disabled	Probably not to be reactivated
	CER4.5-6.2P1	Disabled	Probably not to be reactivated
	CER4.5-6.3P1	Disabled	Probably not to be reactivated
SARB - 5	CER5.2P1	Deleted	
	CER5.3P1	Disabled	
TISA Grid - 6			
TISA Avg - 7.1			
SARB - 7.2			
TISA Avg - 8	CER8.2P1	Deleted	Merged with CER8.1P1
TISA Grid - 9			
TISA Avg - 10	CER10.1P1	Disabled	Replace with CER10.0P2
	CER10.1P2	Disabled	Replace with CER10.0P1
	CER10.2P1	Deleted	
	CER10.3P1	Deleted	
	CER10.1P3	Disabled	
	CER10.1P4	Disabled	Replace with CER10.0P2 for Terra
	CER10.1P5	Disabled	Replace with CER10.0P1 for Terra
GGEO - 11	CER11.1P1	Disabled	
	CER11.1P2	Disabled	
	CER11.1P3	Disabled	

Table 3. CERES Disabled and Deleted PGEs
(Published in DMT Report Only When a PGE is Added to Table)

Subsystem ID	PGE ID	Current PGE Production Status ¹	Comments
	CER11.1P4	Disabled	
	CER11.1P5	Disabled	
	CER11.1P6	Disabled	
	CER11.1P7	Disabled	
	CER11.1P8	Disabled	
	CER11.2P1	Disabled	
	CER11.3P1	Disabled	
	CER11.5P1	Deleted	
Regrid MOA -12			