

## April 2, 2010 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 03/31/10  
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 <sup>th</sup> 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	<del>1/1/08 – 1/1/09</del> 1/1/08 – 1/1/10	In Progress – processing 2009
PR 43-09 SCCR 690	FM1, FM2	Edition2G	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	<del>1/1/08 – 1/1/09</del> 1/1/08 – 1/1/10	In Progress – processing 2009

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PRs 104-09 thru 111-09 Clouds 2008 on warlock SCCR 742	FM1, FM2	ValR14w4 (GEOS4), ValR14w5 (G5-CERES)	SSF	Clouds and Inversion	12/07	In Progress ValR14w4 complete
PR 42-09 SCCR 685	FM1, FM2	Edition2G	SFC	9.2P1 9.3P1 9.4P1	<del>1/1/08 – 1/1/09</del> 1/1/08 – 1/1/10 hr 11	In progress
PR 76-09 SCCR 718	FM1	Edition2G	SAH	5.0P2	1/08 – 12/08	In progress
PR 41-09 SCCR 692	FM1 V005 MOD08	Edition2G	CRS	5.0P1 5.1P1 5.4P1	<del>1/1/08 – 12/31/08</del> 1/1/08 – 12/31/09	In progress
PR 40-09 SCCR 685	FM1	Edition2G	FSW	6.1P1 6.2P1 6.3P1	<del>1/1/08 – 12/31/08</del> 1/1/08 – 12/31/09	In progress
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	<del>1/1/08 – 1/1/09</del> 1/1/08 – 1/1/10	ON HOLD
PR 48-09 SCCR 690	FM3, FM4	Edition2D/Ed2 D-NoSW	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	<del>1/1/08 – 1/1/09</del> 1/1/08 – 1/1/10	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 47-09 SCCR 685	FM3, FM4	Edition2D/Ed2 D-NoSW	SFC	9.2P1 9.3P1 9.4P1	<del>1/1/08 – 1/1/09</del> 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	<del>1/1/08 – 12/31/08</del> 1/1/08 – 12/31/09	Pending SSF input - process 1 <sup>st</sup> month and wait for SS checkout
PR 45-09 SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	<del>1/1/08 – 12/31/08</del> 1/1/08 – 12/31/09	Pending input
PR 78-09 SCCR 718	FM1, FM2	Edition2B	SAH	5.0P2	11/05 – 6/06	Ready

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PR 73-09 SCCR 718	FM3	Edition2D	SAH	5.0P2	1/08 – 12/08	Pending input data
PR 2-10 SCCR 753	CERES	DAO-G5-CERES	MOA	12.1P1	1/08 – 12/09	In Progress – pending further input from GMAO
PR 1-10 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	1/08 – 12/09	In Progress – pending input
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	Done.
<p>**** The PRs that follow cannot be processed until the PGEs have completed the delivery and testing phases. ****</p>						
PRs 16-10 SCCR 749	CERES	ValR4x86-Ed3	MOA	12.1P2	7/04	In Pre-Op testing
PR 15-10 SCCR 749	CERES	ValR4p6-Ed3	MOA	12.1P2	7/04	In Pre-Op testing
PR 37-10 SCCR 749	CERES	ValR4x86-Ed2	MOA	12.1P1	7/04	In Pre-Op testing
PR 36-10 SCCR 749	CERES	ValR4p6-Ed2	MOA	12.1P1	7/04	In Pre-Op testing
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
PRs 127-09, 128-09	FM1, FM2	Edition3	BDS, IES	Instrument and ERBE	12/04 – 3/09	Pending ValRx approval
PR 63-09 SCCR 653		Beta10	GGEO	11.10P1	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	In Pre-Op testing

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PR 62-09 SCCR 653		Beta10	GGEO	11.2P2	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	In Pre-Op testing
PR 61-09 SCCR 653		Beta10	GGEO	11.4P1	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	In Pre-Op testing
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	In Pre-Op testing
PR 141-09 SCCR 736		ValR1	ISCCP- D2like- GEO	11.7P1	7/02 – 4/03 Seasonal Months only	In Pre-Op testing
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	<del>11.6P1</del> 11.4P1	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 GGEO/SRBAVG processing
PRs 136-09, 137-09 SCCR 746	FM1, FM2, FM3, FM4	Edition2	ISCCP- D2like- Day/Nit	9.0P1	launch thru 9/09	In Pre-Op testing

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PR 140-09 SCCR 736		Edition2	ISCCP-D2like-GEO	11.7P1	3/2000 – 12/08	In Pre-Op testing
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	Delivered
PR 86a-09 SCCR 735	FM1+ FM3	ValR14	ES4, ES9	3.2P1	10/07	Delivered
PR 91-09 SCCR 735	FM3, FM4	ValR14	ES4, ES9	3.1P1	10/07	Delivered

**Table 2. April 2, 2010 - System Issues and Status**

Activity	Lead	Status
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> <li>• See <a href="#">Table 3</a> for the current CERES Subsystem Delivery Schedule and <a href="#">Table 4</a> for the current CERES Coefficients Delivery Schedule. (Ayers)</li> <li>• See <a href="#">Table 5</a> for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow <a href="#">Table 5</a>. (Ayers)</li> <li>• TISA Gridding (SCCR 739) and Instrument (SCCR 756) are in CM testing. Progress has been delayed due to system problems on <i>AMI</i>. (Ayers, Saunders)</li> <li>• The new <i>AMI</i> production scripts for Instrument PGE CER1.1P1 have been developed and are being tested by the subsystem. (Zentz)</li> <li>• In response to a software problem report, scripts were updated on <i>magneto-P4</i> for TISA Averaging (SCCR 650). (Ayers)</li> <li>• Coordinating the Edition2G Sample Read Packages for SSF, CRS, FSW, and SFC. They are being delivered to the ASDC as they become available. (Ayers)</li> <li>• The Instantaneous SARB and TISA Gridding Operator's Manuals were updated, provided to the ASDC, and posted on the Web. (Saunders)</li> <li>• The SSF-Ed2, FSW, SFC, and CRS Data Products Catalog sections were updated, provided to the ASDC, and posted on the Web. (Saunders)</li> <li>• The CERES Subsystem and Coefficients Delivery Schedules were updated and posted on the Web. (Ayers, Saunders)</li> </ul>

**Table 3. CERES Subsystem Delivery Schedule – March 2010**  
**(Next Science Team Meeting: April 27 – 29, 2010, in Newport News, VA)**

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 731)	October 23	November 6 On Hold	February 12	Build that runs full Terra/Aqua Baseline1-QC and <b>Edition1-CV</b> . PGE 1.1P8 (C++).			<i>AMI-P6</i>
TISA Gridding (SCCR 739)	January 29	March 19 In CM Queue	March 26	SFC Terra and Aqua <b>Beta2-Edition3</b> . PGEs CER9.2P2, CER9.3P2, & CER9.4P2.	X	X	<i>AMI-P6</i>
Instrument (SCCR 756)	January 29	March 26 In CM Queue	April 2	New C++ CER1.4P1 (formerly CER1.3P1) for <b>NPP</b> .		X	<i>AMI-P6</i>
ERBE-like (SCCR 734)	February 26	April 2	April 9	Delivering the remaining Subsystem 2 PGEs with updates for crosstrack. ( <b>Edition2/Edition3</b> )	X		<i>magneto-P4</i>
Inversion (SCCR 722)	March 19	April 2	April 9	Incorporate Edition3 IESs into SSFs without having to rerun Clouds. ( <b>Edition2</b> )		X	<i>magneto-P4</i>
Instrument (SCCR 755)	April 9	April 23	April 30	Updates to PGE 1.1P8 for Terra/Aqua ( <b>Edition1-CV</b> ) and <b>NPP</b> . (C++) Also, build to correct any NPP-related errors discovered in NCT3 testing.			<i>AMI-P6</i>
TISA Gridding (SCCR 763)	April 16	April 30	May 7	<b>Beta1-Edition2</b> 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>

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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 770)	April 30	May 14	May 21	New C++ Gain Analyzer CER1.4P2 (Formerly CER1.3P2) for <b>NPP</b> .		X	<i>AMI-P6</i>
TISA Averaging (SCCR 766)		May		SRBAVG-nonGEO <b>Beta2-Edition3</b> . New PGE for the subsetter code.		X	<i>AMI-P6</i>
TISA Averaging		May		SRBAVG-GEO <b>Beta2-Edition3</b> . Adding Model C surface fluxes and solar insulation.			<i>AMI-P6</i>
TISA Gridding		May		<b>Beta2-Edition3</b> 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 <i>AMI</i> . ( <b>Edition2/Edition3</b> )			<i>AMI-P6</i>
TISA Gridding (SCCR 765)		June		<b>Edition2</b> ISCCP-D2like-Flx (PGE CER9.0P0).		X	<i>AMI-P6</i>
Clouds	June 11	June 25	July 2	Terra and Aqua <b>Edition3</b> .			<i>AMI-P6</i>
Inversion	July 9	July 23	July 30	Terra and Aqua <b>Edition3</b> .			<i>AMI-P6</i>
Instrument	August 6	August 20 (Launch – 13 months)	August 27	Build corrects all <b>NPP</b> errors found so far. Last Build before launch freeze date. Might not be needed. Includes pre-processor.			<i>AMI-P6</i>

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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		Fall		<b>Beta1-Edition3</b> GCEO delivery.			<i>AMI-P6</i>
Instantaneous SARB		November		<b>Beta1-Edition3</b> CRS.			<i>AMI-P6 &amp; AMI-x86</i>
Synoptic SARB		November		<b>Edition3</b> SYNI.			<i>AMI-P6 &amp; 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>
Instantaneous SARB		???		New PGE to produce MATCH input files. ( <b>Edition2</b> )		X	<i>AMI-P6 &amp; AMI-x86</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 – March 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	April 2		Terra Edition3 spectral response function files for Launch – January 2009.	<i>warlock/ magneto/ AMI</i>
Instrument/ ERBE-like	N/A	April 16		Terra & Aqua Edition2 gains and spectral response function files for October 2009 – February 2010.	<i>warlock/ magneto/ AMI</i>
Instrument	N/A	July		Aqua Edition3 gain files for Launch – March 2005.	<i>warlock/ AMI</i>
ERBE-like	N/A	July (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 March 17 at 2:30 p.m. – March 31 at 1:00 p.m.**

<b>SCCR</b>	<b>S</b>	<b>U</b>	<b>A</b>	<b>C</b>	<b>D</b>	<b>SS</b>	<b>Page No.</b>	<b>Comments</b>
734			X			2		
739			X			9		
757			X			11		
763			X			9		
764			X			5		
765			X			9		
766			X			10		
767	X		X	X		Perl_Lib	12	
768	X		X	X		Perl_Lib	13	
769	X		X			4.5&4.6	14	
770	X					1	15	
771	X		X	X		Perl_Lib	16	
772	X		X			9	17	
773	X		X			6	18	
774	X		X	X		Perl_Lib		

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

## CERES Software Configuration Change Request Submittal

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Subsystem: Perl\_Lib

SCCR Date & TIME: 2010-03-18 17:42:03 SCCR No.: 767

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

n/a

Reason for Change (Science):

n/a

Description of Change (non-Science):

Adding a new subroutine to Dates.pm. New subroutine is Get\_Days\_In\_Month, where you supply a year and a month and it will return the number of days in that month. Yes, it figures in leap year.

Reason for Change (non-Science):

It's convenient

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: 3/18/2010

List Affected Subsystems and PGE Names: none

Originator: ZENTZ, SCOTT M. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: Perl\_Lib                      SCCR Date & TIME: 2010-03-23 11:46:42                      SCCR No.: 768

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

n/a

Reason for Change (Science):

n/a

Description of Change (non-Science):

Updated Dates.pm with new subroutines. Remove\_Hyphens\_Day Split\_Hyphen\_Date\_Day  
Insert\_Hyphens\_Date Get\_Date\_Range Increment\_Day Check\_Date Check\_Year Check\_Month  
Verify\_Date\_Selection were added.

Pcf.pm was updated with new subroutines. AddtoMissingMan AddtoUsed were added. Also  
File\_exist was modified to return a zero on succesful file find and a 1 on a missing mandatory file.

pcf\_env\_p6.pl pcf\_env\_x86.pl were updated to now include LD\_LIBRARY\_PATH in the Vault  
hash.

Reason for Change (non-Science):

Necessary for new scripts for ASDC

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: 3/23/2010

List Affected Subsystems and PGE Names: all

Originator: ZENTZ, SCOTT M. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: Inversion

SCCR Date & TIME: 2010-03-24 08:21:59

SCCR No.: 769

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

The 5 record SSF sample read package will be resubmitted for Terra Edition2G SSF's. This version contains no changes in SSF SDS names.

Reason for Change (non-Science):

Release of Terra Edition2G (SCCR 751) and Aqua Edition2D/Ed2D-NoSW (SCCR 690) requires a review of the read package and update of the readme. (Req. 4-24).

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:

N/A

Estimated Time to Complete Change: 2 Days

Planned Delivery Date: March 25, 2010

List Affected Subsystems and PGE Names: N/A

Originator: SOTHCOTT, VICTOR E. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: Instrument      SCCR Date & TIME: 2010-03-26 14:57:04      SCCR No.: 770

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Reqt# 1-28:

New C++ PGE CER1.4P2 to replace Ada PGE CER1.3P2.

Reason for Change (Science):

Reqt# 1-28:

Deliver new C++ Gain Analyzer to AMI P6 to replace existing Ada PGE CER1.3P2.

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:

CER1.4P2

Estimated Time to Complete Change: 2 weeks

Planned Delivery Date: Apr. 16, 2010

List Affected Subsystems and PGE Names: CER1.4P2

Originator: MAGILL, BRIAN E. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: Perl\_Lib

SCCR Date & TIME: 2010-03-26 16:57:22

SCCR No.: 771

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

n/a

Reason for Change (Science):

n/a

Description of Change (non-Science):

Corrected a bug in Get\_Date\_Range and added a protection against future versions of this bug in Remove\_Hyphens\_Date.

Reason for Change (non-Science):

To remove bugs. Credit goes to Thomas Grepiotis for bug discovery.

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: 03/26/2010

List Affected Subsystems and PGE Names: all

Originator: ZENTZ, SCOTT M. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: TISAgid9.0

SCCR Date & TIME: 2010-03-29 15:16:50

SCCR No.: 772

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement #9-4.4

Sample Read Package to support Terra Edition2G and Aqua Edition2D SFC product.

See SCCR 685 for details.

Reason for Change (non-Science):

Requirement #9-4.4

Sample Read Package is required for these products.

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:

N/A

Estimated Time to Complete Change: Completed

Planned Delivery Date: March 31, 2010

List Affected Subsystems and PGE Names: N/A

Originator: RAJU, RAJA (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: TISAgid6.0

SCCR Date & TIME: 2010-03-29 15:22:43

SCCR No.: 773

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement #6-3.2

Sample Read Package to support Terra Edition2G and Aqua Edition2D FSW product.

See SCCR 685 for details.

Reason for Change (non-Science):

Requirement #6-3.2

Sample Read Package is required for these products.

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:

N/A

Estimated Time to Complete Change: 1 week

Planned Delivery Date: April 2, 2010

List Affected Subsystems and PGE Names: N/A

Originator: RAJU, RAJA (SSAI)

**Table 6. April 2, 2010 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
Toolkit Issues	Zentz	<ul style="list-style-type: none"> <li>No new updates. (Zentz)</li> </ul>	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>Work continues on updates to PGE CER1.1P8. The memory problem was found and data now matches no matter which directory the binary is run from. Work to complete validation of the output for all instruments and spacecraft is continuing. The addition of code to allow the proper conversion of the NPP instrument parameters will be added once the Terra and Aqua updates have been validated. (Grepitotis &amp; Timcoe)</li> <li>Work on the delivery of PGE CER1.4P1 has been delivered to CERES CM. (Magill)</li> <li>Working to complete the initial C++ version of CER1.4P2, the instrument gain analyzer. The initial version will have all the capabilities of the current CER1.3P2 PGE. An update to add a newer algorithm to the PGE will be added in the future once the new algorithm is coded and validation of the results by the Instrument Calibration team is completed. (Magill)</li> <li>Updates to the Instrument Ops Manual to correct data input and output directories to match the new directory structure on <i>AMI</i> were completed and sent to the CERES documentation team. (Cooper)</li> <li>The first set of new scripts for production of PGE CER1.1P1 have been completed and will be tested by the Instrument development team before any script updates are released to CERES CM for testing. (Cooper, Grepitotis, Magill, &amp; Zentz)</li> </ul>	

**Table 6. April 2, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• Continuing to examine QC checker email generated during production. (Walikainen)</li> <li>• Continuing to inspect ERBE-like Aqua and Terra output plots. (Walikainen)</li> <li>• Created nadir files for Edition2 Terra (Oct09-Feb10). Analysis shows no reason to change gains or spectral responses from Sep09 levels. Pending Science Team approval, this means no delta delivery of spectral responses and we'll have 10 years of Terra Edition2 data products. (Walikainen)</li> <li>• Created candidate Aqua Edition3 unfiltering coefficients for the Science Team. These are based on degraded SW channel spectral responses. (Walikainen)</li> </ul>	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Began creating code to read VIIRS hdf input and put data into CERES ProtoPixel. (Smith &amp; Sun-Mack)</li> <li>• Working on processing QC global images and statistics for Terra Edition2B from 200811 through 200901. Results are posted on the Web. (R. Brown)</li> <li>• Continued to update the Water and Energy Cycle Website as needed. (R. Brown)</li> <li>• Worked on transferring directories over to <i>AMI</i>. (R. Brown)</li> <li>• Processed low37Calib version of Edition3 for Qing and also produced differences between Aqua Ed3. Results are posted on the Web. (R. Brown)</li> <li>• Working on creating a lapse rate database. (Chen &amp; Sun-Mack)</li> <li>• Working on 1.24 clear sky models and snow models. (Arduini &amp; Sun-Mack)</li> <li>• Working on over shooting algorithm validations. (Bedka &amp; Sun-Mack)</li> </ul>	
4.2	Sun-Mack	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	

**Table 6. April 2, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.3	Sun-Mack	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.4	Miller (Antropov)	<ul style="list-style-type: none"> <li>• Introduced multiple 5 degree band read of MODIS albedo data values to speed up the program. Measuring execution time for multiple band read. (Antropov) (Edition3)</li> <li>• Monitored Terra Edition2B-QC production. Three hours were missing IES files for both January and February 2009. All March 2009 hours were processed. (Miller)</li> <li>• Reviewed SGE video tutorial. (Miller)</li> </ul>	
4.5	Sothcott	<ul style="list-style-type: none"> <li>• Attended weekly SOFA working group meetings. (Sothcott)</li> <li>• Delivered the Sample Read Package for Terra Edition2G and Aqua Edition2D/Ed2D-NoSW. (Sothcott)</li> <li>• Continued testing IES-SSF code changes. (Sothcott)</li> </ul>	
4.6	Sothcott	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Working on Edition3 CRS code. (Caldwell)</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• No new updates. (Caldwell)</li> </ul>	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Assisting Anne Edwards with FlashFLUX migration to <i>magneto</i>. (Caldwell)</li> </ul>	
7.1	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> <li>• No new updates. (Nguyen)</li> </ul>	
8.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> <li>• Cleaning up other subsystem code that is no longer needed. (Lock)</li> <li>• Got the SS8 code to compile with the MPI compiler. (Lock)</li> </ul>	

**Table 6. April 2, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
10.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> <li>Updated code to add the global incoming solar. Reran March 2000 through December 2007 version 04 SRBAVGLite nonGEO. Plotting the timeline series and created the monthly and daily averages netCDF data. (Nguyen)</li> <li>Reran November 2005 through December 2007 for different sets of GGEO data to support the GGEO calibration. (Nguyen)</li> <li>Updating the Edition3-Beta2 code. (Nguyen)</li> <li>Working with Shashi Gupta to make the LW model B surface flux code to work for SSF and SRBAVG since SSF input is MOA and SRBAVG input is PMOA. (Nguyen)</li> <li>Updated SRBAVGLite nonGEO code to fill in the defaults all-sky SW TOA fluxes. (Nguyen)</li> </ul>	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>Start working on the Edition2G FSW Read software package. (Parrish &amp; Raju)</li> </ul>	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>Completed Beta2-Edition3 Subsystem 9 delivery on P6. Sent the updated documents to CERES CM. (Raju, Parrish)</li> <li>Start working on the Edition2G SFC Read software package. (Raju, Parrish)</li> <li>Working on the CER9.0P2 ISCCP-Mrg software validations. (Raju)</li> <li>Provided requested Gridding product comparison and read software to FLASH flux group. (Raju)</li> </ul>	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>Processed 01/08 – 12/08 GEO data through PGEs CER11.1P10, 11.2P2 at the SCF. Checked Web plots for bad data scans. Created bad rec input files and processed the months with bad data through PGE CER11.6P1. Provided all GGEO products to tisa averaging for SRBAVG process. (Raju)</li> <li>Found data gaps for GOES-12 and GOES-13 satellites in December 2008 plots. Checking the data to find the cause for the gaps. (Raju)</li> </ul>	
CERES-lib	Zentz	<ul style="list-style-type: none"> <li>No new updates. (Zentz)</li> </ul>	

**Table 7. April 2, 2010 – DM Tasks**

Activity	Status
Code Optimization (Coleman)	<ul style="list-style-type: none"> <li>• Baseline on ODU-X86 verified and ready for ODU staff to work from. ODU has been contacted and we are now trying to schedule a face to face meeting. (Lock &amp; Coleman)</li> </ul>
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> <li>• Continuing the task to migrate PRs from Word to Excel. (Coleman)</li> <li>• Preparing scripts for Instrument PGEs to check for mandatory input files prior to job submittal to <i>AMI</i> cluster. Also preparing scripts to determine which <i>AMI</i> platform a job is running on and then access/execute the appropriate platform-dependent files. These scripts will be the models for remaining PGEs as they are delivered. (Zentz, Magill, &amp; Grepiotis)</li> </ul>
Ordering Tool (Kizer)	<ul style="list-style-type: none"> <li>• Order Tool and CERES Website. (Heckert)</li> </ul>

**Table 8. April 2, 2010 – NPP Issues**

Activity	Status
Telecons/ Meetings (Closs)	<ul style="list-style-type: none"> <li>Participated in weekly NPP GSIT System Integration &amp; Test meetings, twice-daily GSIT pre and post-test status briefings, and near-continuous Test Director SCAMA call-in lines throughout the GSIT test period. Also attended several NPP Science Data Segment telecons in preparation for and during the GSIT.</li> </ul>
System Engineering (Closs)	<ul style="list-style-type: none"> <li>Made final preparations for, and participated in the two-week long NPOESS Preparatory Project (NPP) Ground System Interface Test (GSIT) ) on Friday, March 26. The culmination of the test was the Run for Record (RFR) that occurred March 24-25. A total of approximately 33 Gigabytes of CERES FM-5 Raw Data Records (RDR) and VIIRS AOT and VIMD data from the Land PEATE were ingested and archived. Congratulations to the ASDC team for their hard work in making this critical NPP test a success.</li> </ul>

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status <sup>1</sup>	Current Prod. Platform <sup>2,3</sup> (TK Version for compilation) <sup>6</sup>	Status for Planned Update/New PGE <sup>1</sup>	Prod Platform for Planned Update <sup>2</sup> (TK Version for compilation) <sup>6</sup>	"New" Wrapper Scripts for AMI Status (Y / N / InProg) <sup>7</sup>	Comments
Instrument - 1	CER1.0P1			Developing	P6	<b>N</b>	Will comply with all the latest whenever delivered
	CER1.0P2	Active	P4 (15)	SSI&T	P6 (16)	<b>N</b>	C++ RDR Pre-Processor
	CER1.1P1	Active	W	SSI&T	X86	InProg	To be disabled when C++ working- CER1.1P8
	CER1.1P3	Active	W	SSI&T	X86	InProg	To be disabled when C++ working- CER1.1P8
	CER1.1P5	Active	W	SSI&T	X86	InProg	To be disabled when C++ working- CER1.1P8
	CER1.1P7	SSI&T	W	SSI&T	W, X86	<b>N</b>	Ada NPP
	CER1.1P8			Developing	P6 (16)	<b>N</b>	C++ NPP, Terra, Aqua
	CER1.2P1	Active	W	SSI&T	X86	InProg	C code, delta delivery for NPP completed.
	CER1.3P1	Active	W	SSI&T	X86	InProg	Replace with CER1.4P1 on P6
	CER1.3P2	Active	W	SSI&T	X86	<b>N</b>	Replace with CER1.4P2 on P6
	CER1.3P3	Active	W	SSI&T	X86	<b>N</b>	Replace with CER1.4P3 on P6
	CER1.4P1			SSI&T	P6 (16)	<b>N</b>	
	CER1.4P2			Developing	P6 (16)	<b>N</b>	
CER1.4P3			Developing	P6 (16)	<b>N</b>		
ERBE-like - 2	CER2.1P1	Active	W	ValRx	P4 (16)	<b>N</b>	
	CER2.2P1	Active	W	Developing	P4 (15)	<b>N</b>	Compile HDF with TK 15, run with TK 16
	CER2.3P1	Active	W	Developing	P4 (15)	<b>N</b>	Compile HDF with TK 15, run with TK 16
	CER2.3P2	Active	W	Developing	P4 (15)	<b>N</b>	Compile HDF with TK 15, run with TK 16
	CER2.4P1	Active	W	ValRx	P4 (16)	<b>N</b>	
ERBE-like - 3	CER3.1P1	Active	W	SSI&T	P4 (16)	<b>N</b>	
	CER3.2P1	Active	W	SSI&T	P4 (16)	<b>N</b>	

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status <sup>1</sup>	Current Prod. Platform <sup>2,3</sup> (TK Version for compilation) <sup>6</sup>	Status for Planned Update/New PGE <sup>1</sup>	Prod Platform for Planned Update <sup>2</sup> (TK Version for compilation) <sup>6</sup>	"New" Wrapper Scripts for AMI Status (Y / N / InProg) <sup>7</sup>	Comments	
Clouds 4.1-4	CER4.1-4.0P1	Active	W <sup>3</sup>			N		
	CER4.1-4.0P2	Active	P4 (15)			N		
	CER4.1-4.1P4	Active	W	ValRx	P4 (15)	N	warlock version recompiled for 2008 Edition2: not using P4 version yet	
	CER4.1-4.1P5	Active	W, P4(15)			N	warlock version recompiled for 2008 Edition2	
	CER4.1-4.1P6	Active	P4 (15)	Developing	P6 (16)	N	Beta2-Ed3 (P4), Ed3 (P6)	
	CER4.1-4.2P2	Active	W, P4(15)			N		
	CER4.1-4.2P3	Active	W, P4(15)			N		
	CER4.1-4.2P4	Active	P4 (15)	Developing	P6 (16)	N	Beta2-Ed3 on P4, Ed3 to be on P6	
	CER4.1-4.2P5	Active	P4 (15)	Developing	P6 (16)	N	Beta2-Ed3 on P4, Ed3 to be on P6	
	CER4.1-4.3P2	Active	W, P4 (15)			N		
	CER4.1-4.3P3	Active	P4 (15)	Developing	P6 (16)	N	Beta2-Ed3 on P4, Ed3 to be on P6	
	Inversion/SOFA 4.5-6	CER4.5-6.1P2	Active	W	Developing	P4 (16)	N	For 2010 processing, redeliver Edition2 to <i>magneto</i> . Recompiled on <i>warlock</i> for 2008/2009 processing
		CER4.5-6.1P3	Active	W, P4(15)			N	Edition2 to <i>magneto</i> . Recompiled on <i>warlock</i>
CER4.5-6.1P4		Active	P4 (16)	Developing	P6 (16)	N	Terra Main Ed3 version of 1P2	
CER4.5-6.1P5		Active	P4 (16)	Developing	P6 (16)	N	Aqua Main Ed3 version of 1P3	
CER4.5-6.2P2		Active	W	ValRx	P4 (15)	N	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>	
CER4.5-6.2P3		Active	P4 (16)	Developing	P6 (16)	N	Subset postprocessor for Terra and Aqua (Ed3 version of 2P2)	
CER4.5-6.3P2		Active	W	ValRx	P4 (15)	N	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>	
CER4.5-6.3P3		Active	W	ValRx	P4 (15)	N	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>	
CER4.5-6.4P1		Active	W	ValRx	P4 (15)	N	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>	
CER4.5-6.4P2		Active	P4 (16)	Developing	P6 (16)	N	Monthly validation site (Ed3 for 4P1)	
CER4.5-6.5P2				Developing	P4 (16)	N	IES-SSF Terra New PGE	
CER4.5-6.5P3				Developing	P4 (16)	N	IES-SSF Aqua New PGE	
CER4.5-6.6P2		Active	W	ValRx	P4 (15)	N	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>	
CER4.5-6.6P3	Active	W	ValRx	P4 (15)	N	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 <sup>1</sup>	Current Prod. Platform <sup>2,3</sup> (TK Version for compilation) <sup>6</sup>	Status for Planned Update/New PGE <sup>1</sup>	Prod Platform for Planned Update <sup>2</sup> (TK Version for compilation) <sup>6</sup>	"New" Wrapper Scripts for AMI Status (Y / N / InProg) <sup>7</sup>	Comments
SARB - 5	CER5.0P1	Active	W, P4 (15)			N	
	CER5.0P2	Active	P4 (15)		P6 (16)	N	
	CER5.1P1	Active	W, P4 (15)			N	
	CER5.1P2	ValRx	P4 (16)			N	
	CER5.1P3			Developing	P6 (16), X86	N	New PGE - Edition3 Main for Terra and Aqua
	CER5.4P1	Active	W, P4 (15)			N	
	CER5.4P2	ValRx	P4 (16)			N	
TISA Grid - 6	CER6.1P1	Active	W, P4 (15)			N	
	CER6.1P2			Developing	P6 (16)	N	New PGE for Edition3
	CER6.2P1	Active	W, P4 (15)			N	
	CER6.2P2			Developing	P6 (16)	N	New PGE for Edition3
	CER6.3P1	Active	W, P4 (15)			N	
	CER6.3P2			Developing	P6 (16)	N	New PGE for Edition3
TISA Avg - 7.1	CER7.1.1P1	Active	W, P4 (15)			N	
SARB - 7.2	CER7.2.1P1	Active	W, P4 (16)			N	
TISA Avg - 8	CER8.1P1	Active	W, P4 (15)			N	
TISA Grid - 9	CER9.0P1	Active	W, P4 (15)			N	
	CER9.0P2			Developing	P6 (16)	N	ISCCP-D2like-MRG Pre-processor
	CER9.0P3			Developing	P6 (16)	N	ISCCP-D2like-MRG Main-processor
	CER9.1P1	Active	W, P4 (15)			N	
	CER9.2P1	Active	W, P4 (15)			N	
	CER9.2P2			SSI&T	P6 (16)	N	New PGE for Edition3
	CER9.3P1	Active	W, P4 (15)			N	
	CER9.3P2			SSI&T	P6 (16)	N	New PGE for Edition3
	CER9.4P1	Active	W, P4 (15)			N	
	CER9.4P2			SSI&T	P6 (16)	N	New PGE for Edition3
TISA Avg - 10	CER10.0P1	SSI&T	P4 (16)			N	new PGE
	CER10.0P2	SSI&T	P4 (16)			N	new PGE
GGEO - 11	CER11.1P10			SSI&T	P4 (16)	N	
	CER11.2P2			SSI&T	P4 (16)	N	
	CER11.4P1			SSI&T	P4 (16)	N	
	CER11.6P1	Active	W	SSI&T	P4 (16)	N	
	CER11.7P1	Active	P4 (15)			N	

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status <sup>1</sup>	Current Prod. Platform <sup>2,3</sup> (TK Version for compilation) <sup>6</sup>	Status for Planned Update/New PGE <sup>1</sup>	Prod Platform for Planned Update <sup>2</sup> (TK Version for compilation) <sup>6</sup>	"New" Wrapper Scripts for AMI Status (Y / N / InProg) <sup>7</sup>	Comments
Regrid MOA -12	CER12.1P1	Active	W, P4 (16)	Developing	P6 (16), X86 (16)	<b>N</b>	Back from SSI&T for newly required AMI scripts
	CER12.1P2	Active	P4 (16)	Developing	P6 (16), X86 (16)	<b>N</b>	Ed3 MOA -- Back from SSI&T for newly required AMI scripts

Table 1 Key:		
<sup>1</sup> 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
<sup>2</sup> Prod. Platform	W	warlock
	P4	Magneto - IBM P4
	P6	Magneto - IBM P6
	X86	Magneto - IBM X86
<sup>3</sup> 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.
<sup>6</sup> 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)
<sup>7</sup> "New" Wrapper Scripts for AMI Status	Y	Scripts in production
	N	Development not yet begun
	InProg	Development in progress for inclusion in next delivery

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 <sup>1</sup> ? (Y/N)
BDS	Instrument	Archival	<b>N</b>
ES-8	ERBE-like	Active	<b>N</b>
ES-9	ERBE-like	Archival	<b>N</b>
ES-4	ERBE-like	Archival	<b>N</b>
SSF	Inversion	Archival	Y
CRS	SARB	Archival	Y
FSW	TISA-Gridding	Archival	Y
SYN	TISA-Averaging	Archival	Y
AVG	TISA-Averaging	Archival	Y
ZAVG	TISA-Averaging	Archival	Y
SFC	TISA-Gridding	Archival	Y
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 <sup>1</sup> ? (Y/N)
<sup>1</sup> Sample Read Package README files: References to URL <a href="http://asd-www.larc.nasa.gov/ceres/ASDceres.html">http://asd-www.larc.nasa.gov/ceres/ASDceres.html</a> need to be updated to <a href="http://science.larc.nasa.gov/ceres">http://science.larc.nasa.gov/ceres</a>			

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
2/16/2010	CER1.4Px, CER5.1P3	Added
	All	Moved new PGEs in development from Current to Planned columns
	CER5.1P2, CER5.4P2, CER5.0P2	Changed Current Production Status from SSI&T to Active
	All	Added TK version for P6
3/1/2010	CER4.1-4.1P4, CER4.1-4.2P2, CER4.1-4.2P3, CER4.1-4.3P2, CER4.5-6.1P2	Changed current platforms from "W" to "W, P4", and removed "P4" and "ValRx" from planned update columns
	CER7.2.1P1	Changed current status from "ValRx" to "Active"
3/11/2010	CER12.1Px	Changed Planned Update status back from SSI&T to Developing due to the newly identified requirement for new wrapper scripts on AMI
	CER9.1P2	Removed from list
	CER9.0P2, CER9.0P3	Added to list
	CER1.0P2, CER11.10P1, CER11.2P2, CER11.4P1, CER11.6P1	Changed Planned updated status from Developing to SSI&T
	CER4.1-4.3P2	Changed P4 from planned to currently active
	CER1.1P7,8	Moved from current status columns to planned updated columns
3/30/2010	All PGEs	Added column for "New" AMI wrapper scripts
	Table 2 - Products CRS, FSW, and SFC	Changed URL Sample Read README status from "N" to "Y"
	CER1.4P1, CER9.2P2, CER9.3P2, CER9.4P2	Changed Planned Update status from Developing to SSI&T

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 <sup>1</sup>	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 <sup>1</sup>	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			