

July 27, 2010 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 07/24/10
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.
M-PR 2-10 SCCR 753	CERES	DAO-G5- CERES	MOA	12.1P1	Standing request	

Table 1: Process Strategy/Coleman as of 07/24/10
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 1-10 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	
PRs 138-10 thru 144-10	FM1, FM2	Edition2F	SSF	Clouds, Inversion	1/06, 4/06, 11/06	Reruns due to mis- matched MODIS files
PRs in Development	FM3, FM4	ValR21	BDS, IES	Instrument and ERBE- like		
PRs in Development	FM3, FM4	Edition3	BDS, IES	Instrument and ERBE- like		Pending ValR21 approval
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 1/1/08 - 1/1/10 11/30/07 - 3/1/10	In progress
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 11/30/07 - 3/1/10	In progress
PR 47-09 SCCR 685	FM3, FM4	Edition2D/ Ed2D-NoSW	SFC	9.2P1 9.3P1 9.4P1	1/1/08 - 1/1/09 11/30/07 - 3/1/10 hr 11	In progress
PRs 66/67/68-10, SCCR 781	FM1	Edition2G	CRS	5.0P1 5.1P1 5.4P1	12/1/07 - 2/28/10	In progress
PRs 63/64/65-10 SCCR 685	FM1	Edition2G	FSW	6.1P1 6.2P1 6.3P1	12/1/07 - 2/28/10	In progress
PR 86-09 SCCR 735	FM1, FM2	ValR14	ES4, ES9	3.1P1	10/07	Ready
PR 86a-09 SCCR 735	FM1+ FM3	ValR14	ES4, ES9	3.2P1	10/07	Ready
PR 91-09 SCCR 735	FM3, FM4	ValR14	ES4, ES9	3.1P1	10/07	Ready
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	Ready

Table 1: Process Strategy/Coleman as of 07/24/10
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 46-09	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P1	1/1/08 – 12/31/08 12/1/07 - 2/28/10	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 12/1/07 - 2/28/10	Pending input
PR 73-09 SCCR 718	FM3	Edition2D	SAH	5.0P2	1/08 – 12/08	Pending input data
PRs 136-09, 137-09 SCCR 746	FM1, FM2, FM3, FM4	Edition2	ISCCP- D2like- Day/Nit	9.0P1	Launch thru 9/09	Pending ValR1 processing and approval
PRs 129-10, &130-10	FM1, FM2	ValR20	SCCD/ SCCN	2.4P1		Done. 7/15/10
PR 72 - 10	FM1	Edition3	SCCD/ SCCN	2.4P1	3/00 – 3/10	Done. 7/23/10
PR 71-10	FM2	Edition3	SCCD/ SCCN	2.4P1	3/00 – 3/10	Done. 7/23/10
PRs 127-09, 128-09	FM1, FM2	Edition3	BDS, IES	Instrument	12/2/04 – 2/1/09 3/1/10	Done. 7/19/10
<p>**** The PRs that follow cannot be processed until the PGEs have completed the delivery and pre-operational testing phases. ****</p>						
PRs 131-10 thru 134-10 SCCR 798	FM1, FM2, FM3, FM4	ValR2	SRBAVG	10.0P1, 10.0P2	2004 seasonal months	Delivered
PRs 135-10 thru 137-10 SCCRs 653, 787		Beta11	GGEO	11.1P10, 11.2P2, 11.4P1		Delivered
PRs 9-10 thru 10-10 SCCR 650	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	3/2000 – 10/05	Pending approval ValR2
PRs 7-10 thru 8- 10 SCCR 650	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	7/2002 – 10/05	Pending approval ValR2

Table 1: Process Strategy/Coleman as of 07/24/10
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 60-09 SCCR 653		Edition2A	GGEO	11.1P10	11/05 – 6/09 11/08	Pending Beta11 approval
PR 59-09 SCCR 653		Edition2A	GGEO	11.2P2	11/05 – 6/09 11/08	Pending Beta11 approval
PR 58-09 SCCR 653		Edition2A	GGEO	11.6P1 11.4P1	11/05 – 6/09 11/08	Pending Beta11 approval
PRs 81-10 thru 96-10	FM1, FM2, FM3, FM4	Edition3A	SSF	4.5-6.5P4 4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	3/1/00 – 3/1/10	In pre-op testing
PRs 105-10 thru 122-10	FM1, FM2, FM3, FM4	Edition3A	SFC	9.2P2 9.3P2 9.4P2	3/1/00 – 3/1/10	Delivered
PRs 97-10 thru 104-10	FM1, FM2, FM3, FM4	Edition3A	SAH	5.0P2	3/00 – 2/10	Pending delta delivery and input
PRs 5-10 thru 6-10 SCCR 650	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	11/05 – 12/09	Pending GGEO input data and ValRx approval
PRs 3-10 thru 4-10 SCCR 650	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	11/05 – 12/09	Pending GGEO input data and ValRx approval
PRs 16-10 SCCR 749	CERES	ValR4x86-Ed3	MOA	12.1P2	7/04	Pending redelivery
PR 15-10 SCCR 749	CERES	ValR4p6-Ed3	MOA	12.1P2	7/04	Pending redelivery
PR 37-10 SCCR 749	CERES	ValR4x86-Ed2	MOA	12.1P1	7/04	Pending redelivery
PR 36-10 SCCR 749	CERES	ValR4p6-Ed2	MOA	12.1P1	7/04	Pending redelivery
PR 94-09 SCCR 734	FM3, FM4	ValR14	ES8	2.2P1	9/07 – 11/07	In Pre-Op testing
PR 93-09 SCCR 734	FM3, FM4	ValR14	ES8	2.3P1	9/07 – 11/07	In Pre-Op testing

Table 1: Process Strategy/Coleman as of 07/24/10
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 92-09 SCCR 734	FM3, FM4	ValR14	ES8	2.3P2	9/07 – 11/07	In Pre-Op testing
PR 89-09 SCCR 734	FM1, FM2	ValR14	ES8	2.2P1	9/07 – 11/07	In Pre-Op testing
PR 88-09 SCCR 734	FM1, FM2	ValR14	ES8	2.3P1	9/07 – 11/07	In Pre-Op testing
PR 87-09 SCCR 734	FM1, FM2	ValR14	ES8	2.3P2	9/07 – 11/07	In Pre-Op testing
PRs 53-10 thru 62-10 SCCRs 799, 782, and 685	FM1, FM2	Edition2G	SSF, SFC	Clouds, Inversion, TISA- Gridding SS9	2/28/10 thru TBD	On hold pending inputs and final platform assignment

Table 2. July 27, 2010 - System Issues and Status

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> • No activity. (Miller)
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 following deliveries are in the CM testing queue: ERBE-like 734, Instrument 747, Instrument 755, Instrument 756, Instrument 770, TISA Gridding 789, GGEO 787, and TISA Averaging 798. (Ayers) • Instrument (SCCR 716) was installed, compiled, and tested on AMI, and re-released to the ASDC on July 21. The updated Instrument Test Plan was posted on the Web and provided to the ASDC. (Ayers) • CERESlib (SCCR 793) was installed on AMI and magneto, tested, and released to the ASDC on July 22. The final tar files were created and stored in the code repository. (Ayers) • Perl_Lib (SCCR 780) was released to the ASDC on July 22. (Ayers) • The updated Edition3 gains for Aqua FM3 and FM4 for June 18, 2002, through March 1, 2010, were installed on <i>warlock</i> and <i>AMI</i> and released to the ASDC on July 22. (Ayers) • The Toolkit Version per PGE document was updated and provided to the ASDC.(Ayers) • The CERES Subsystem and Coefficients Delivery Schedules were updated and posted on the Web. (Ayers, Saunders)
<i>AMI</i> Job Submission Scripts – Phase 1	Ayers (Magill)	<ul style="list-style-type: none"> • Instrument 747, Instrument 755, Instrument 756, and Instrument 770, all of which have the Phase 1 job submission scripts, are in the CM testing queue. (Ayers) • Development continued on the <i>AMI</i> job submissions scripts for TISA Averaging PGEs 10.0P3, 7.3.1P1, and 8.1P1. (Magill, Grepiotis)

Table 3. CERES Subsystem Delivery Schedule – July 2010
(Next Science Team Meeting: September 13 – 16, 2010, in Paris, France)
(NPP Launch Date: September 22, 2011)

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)
ERBE-like (SCCR 734)	February 26	April 9 In CM Queue	July 30	Delivering the remaining Subsystem 2 PGEs with updates for crosstrack. (Edition2/Edition3)	X		<i>magneto-P4</i>
TISA Gridding (SCCR 789)	June 11	June 25 In CM Queue	July 30	New PGEs CER9.2P2, CER9.3P2, and CER9.4P2 for SFC Edition3 .	X	X	<i>magneto-P4</i>
GGEO (SCCR 787)	June 18	July 2 In CM Queue	July 30	Updates for PGEs 11.1P10 and 11.2P2 for Edition2 .			<i>magneto-P4</i>
Instrument (SCCR 755)	June 18	July 2 In CM Queue	July 30	Updates to PGE 1.1P8 for Terra/Aqua (Edition1-CV) and NPP . (C++)			<i>AMI-P6</i>
Instrument (SCCR 756)	January 29	July 2 In CM Queue	July 30	New C++ CER1.4P1 (formerly CER1.3P1) for Terra, Aqua, and NPP with AMI job submission scripts.		X	<i>AMI-P6</i>
Instrument (SCCR 770)	June 25	July 9 In CM Queue	July 30	New C++ Gain Analyzer CER1.4P2 (Formerly CER1.3P2) for Terra, Aqua, and NPP .		X	<i>AMI-P6</i>
Instrument (SCCR 747)	N/A	July 16 In CM Queue	July 30	Redelivery of PGE CER1.0P2 with job submission scripts.			<i>AMI-P6</i>
TISA Averaging (SCCR 798)	July 19	July 19 In CM Queue	July 30	Redelivery to correct a problem with Edition2 SRBAVG.			<i>magneto-P4</i>

Table 3. CERES Subsystem Delivery Schedule – July 2010
(Next Science Team Meeting: September 13 – 16, 2010, in Paris, France)
(NPP Launch Date: September 22, 2011)

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 (SCCR 799)	July 16	July 30	August 6	Correcting a problem found in Edition2 ISCCP-D2like-GEO.			<i>magneto-P4</i>
TISA Averaging (SCCR 796)	July 23	August 6	August 13	Edition3 TSI. PGEs CER10.0P3 and CER7.3.1P1.			<i>magneto-P4</i>
TISA Averaging (SCCR 766)	July 23	August 6	August 13	SRBAVG-nonGEO Beta2-Edition3 . New PGE for the subsetter code.		X	<i>AMI-P6</i>
ERBE-like (SCCR 740)	July 30	August 13	August 20	Delivery of all ERBE-like PGEs to <i>AMI</i> . (Edition2/Edition3)			<i>AMI-P6</i>
Synoptic SARB (SCCR 797)	July 30	August 13	August 20	Delta delivery of PGE CER7.2.1P1 for Edition3 SYNI processing.			<i>magneto-P4</i>
TISA Gridding (SCCR 763)	August 6	August 20	August 27	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>
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>

Table 3. CERES Subsystem Delivery Schedule – July 2010
(Next Science Team Meeting: September 13 – 16, 2010, in Paris, France)
(NPP Launch Date: September 22, 2011)

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 Averaging	August 13	August 27	September 3	Edition3 TSI. PGEs CER10.0P3 and CER7.3.1P1.		X	<i>AMI-P6</i>
TISA Averaging (SCCR 795)	August 13	August 27	September 3	Edition3 SYN/AVG/ZAVG. PGE CER8.1P1.			<i>AMI-P6</i>
TISA Gridding (SCCR 765)	August 13	August 27	September 3	Beta1-Edition2 ISCCP-D2like-FlxDay/Nit (PGE CER9.0P0).		X	<i>AMI-P6</i>
GGEO		September		Beta1-Edition4 GGEO delivery.			<i>AMI-P6</i>
Synoptic SARB	August 27	September 10	September 17	Edition3 SYNI delivery of PGEs CER5.0P2 and CER7.2.1P1.			<i>AMI-P6 & AMI-x86</i>
Clouds		October		Terra and Aqua Beta1-Edition4 .			<i>AMI-P6</i>
CERESlib		November		Inversion updates.			<i>AMI-P6, AMI-x86, & magneto-P4</i>
Inversion		November		Terra and Aqua Beta1-Edition4 .	X		<i>AMI-P6</i>
TISA Averaging	November 26	December 10	December 17	SRBAVG-GEO Beta2-Edition3 . Adding Model C surface fluxes and solar insulation.			<i>AMI-P6</i>
Instantaneous SARB		Spring 2011		Beta1-Edition4 CRS.			<i>AMI-P6 & AMI-x86</i>

Table 3. CERES Subsystem Delivery Schedule – July 2010
(Next Science Team Meeting: September 13 – 16, 2010, in Paris, France)
(NPP Launch Date: September 22, 2011)

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-2011		New PGE to produce MATCH input files. (Edition2)		X	<i>AMI-P6 & 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 – July 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	July 30		Aqua Edition3 spectral response function files for Launch – December 2007.	<i>magneto/AMI</i>
Instrument	N/A	August 27		Terra and Aqua Edition2 gain files for March 2010 – May 2010.	<i>warlock/AMI</i>
ERBE-like	N/A	August 27		Terra and Aqua Edition2 spectral response function files for March 2010 – May 2010.	<i>magneto/AMI</i>

Table 5. SCCR Activity July 12 at 12:00 p.m. – July 26 at 3:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
716			X			Instrument		
731		X			X	Instrument	13	
746				X		TISA Gridding		
755			X			Instrument		
756			X			Instrument		
770			X			Instrument		
789		X				TISA Gridding	15	
791		X				Inversion	17	
794			X			SARB		
795			X			TISA Averaging		
796			X			TISA Averaging		
797		X	X			Synoptic SARB	19	
798	X					TISA Averaging	22	
799	X					GGEO	23	

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

CERES Software Configuration Change Request Submittal

=====

Subsystem: Instrument

SCCR Date: 10/14/2009

SCCR Number: 731

Parameter Change: () YES (X) NO

Description of Change (Science):

Requirement 1-33

Deliver full Aqua/Terra capability for CER1.1P8

Reason for Change (Science):

Complete Aqua/Terra capabilities for the new C++ code to AMI P6 platform.

Description of Change (non-Science):

Remove dependency for the ASCII input file for PCF generation

Reason for Change (non-Science):

New delivery procedures for AMI

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:

CER1.1P8

Estimated Time to Complete Change: 3 weeks

Planned Delivery Date: November 6, 2009

List Affected Subsystems and PGE Names: CER1.1P8

Date: 10/28/2009 Status: Approved

Originator: COOPER, DENISE L. (SSAI)

=====

ADDITIONAL CHANGES TO SCCR NO. 731:

=====

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Disapprove this SCCR, it has been overcome by SCCR #755, which provides full capabilities for this PGE.

Reason for Change (non-Science):

The PGE has been improved and all capabilities for all instruments are now available thru SCCR #755

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:

CER1.1P8

Estimated Time to Complete Change: N/A

Planned Delivery Date: N/A

List Affected Subsystems and PGE Names: Instrument CER1.1P8

Date & Time: 2010-07-20 14:56:36

Originator: COOPER, DENISE L. (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: TISAgrid9.0

SCCR Date: 05/28/2010

SCCR Number: 789

Parameter Change: (X) YES () NO

Description of Change (Science):

Requirement # 9-2.10

New PGE CER9.2P2 to support Edition3 SSF1deg-Hour process on Magneto. Code is updated to process parameters that are needed for SS7.1.1P1 process.

Requirement # 9-3.5

New PGE CER9.3P2 to support Edition3 post processing on Magneto.

Requirement # 9-4.5

New PGE CER9.4P2 to support Edition3 HDF processing on Magneto.

Code is updated to generate Daily SSF1deg-Hour HDF product.

Reason for Change (Science):

Requirement # 9-2.10; 9-3.5; 9-4.5

TISA Science team has decided to process Edition3 SSF1deg-Hour versions on Magneto P4. Previously delivered PGEs CER9.2P2, CER9.3P2, and CER9.4P2 to process Edition3 versions on AMI-P6 were cancelled.

Description of Change (non-Science):

Requirement # 9-2.11

PGE CER9.2P2 PCF script is updated to include X-track files in the PCF for processing.

Requirement # 9-4.6

PGE CER9.4P2 PCF script is updated to change output file names from zonal to daily.

Reason for Change (non-Science):

Requirement # 9-2.11

TISA science team has decided to process X-track data only for Edition3.

Requirement # 9-4.6

TISA science team has decided to change output product format from zonal to daily.

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

These parameters are only on the Edition3 SSF1deg-HourB binary outputs created from CER9.3P2 post processor. SSF1deg-Hour HDF product does not include them.

1. CosSolarZenithAngle_TSI
2. SW_TOA_ClearSky_TSI
3. LW_TOA_ClearSky_TSI
4. WN_TOA_ClearSky_TSI
5. ALB_TOA_ClearSky_TSI
6. SW_TOA_TotalSky_TSI
7. LW_TOA_TotalSky_TSI
8. WN_TOA_TotalSky_TSI
9. ALB_TOA_TotalSky_TSI

Reason for Parameter Change:

These parameters are needed for SS7.1.1P1 process.

Affected PGEs in this Subsystem: CER9.2P2, CER9.3P2, CER9.4P2

Estimated Time to Complete Change: 4 weeks
Planned Delivery Date: June 30, 2010
List Affected Subsystems and PGE Names: SS9 and SS10

Date: 06/02/2010 Status: Approved

Originator: RAJU, RAJA (SSAI)

=====
ADDITIONAL CHANGES TO SCCR NO. 789:
=====

Parameter Change: YES NO

Description of Change (Science):
Requirement # 9-4.6
Edition 3 SFC HDF product format is same as Edition2 product format.

Reason for Change (Science):
Requirement # 9-4.6
TISA science has decided to keep the same format for Edition3 versions.

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:
surf_skin_temp

Reason for Parameter Change:
This parameter is needed in SARB Subsystem process.

Affected PGEs in this Subsystem: CER9.2 & CER9.3

Estimated Time to Complete Change: Completed
Planned Delivery Date: July 20, 2010
List Affected Subsystems and PGE Names: TISA averaging: SS7.1

Date & Time: 2010-07-20 07:47:27

Originator: RAJU, RAJA (SSAI)

CERES Software Configuration Change Request Submittal

Subsystem: Inversion

SCCR Date: 06/08/2010

SCCR Number: 791

Parameter Change: (X) YES () NO

Description of Change (Science):

Req. 4.5-26:

Correct the following parameters that were incorrectly represented in the SSF subsetter:

SSF-148: PSF-wtd MOD04 solution indices ocean small, average

SSF-149: PSF-wtd MOD04 solution indices ocean large, average

SSF-151: PSF-wtd MOD04 effective optical depth average ocean
(0.550)

Reason for Change (Science):

Parameters are incorrectly represented and need to be corrected.

Description of Change (non-Science):

Req. 4.5-27:

Add the following parameters to the SSF subsetter:

SSF-46: CERES downward SW surface flux - Model B

SSF-47: CERES downward LW surface flux - Model B

SSF-48: CERES net SW surface flux - Model B

SSF-49: CERES net LW surface flux - Model B

Reason for Change (non-Science):

Additional parameters are needed in the subsets.

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and

Description of Parameter Change:

SSF-148: PSF-wtd MOD04 solution indices ocean small, average

SSF-149: PSF-wtd MOD04 solution indices ocean large, average

SSF-151: PSF-wtd MOD04 effective optical depth average ocean (0.550)

Reason for Parameter Change:

Parameters are incorrectly represented in the SSF subsets.

Affected PGEs in this Subsystem:

CER4.5-6.2P2

Estimated Time to Complete Change: 2 weeks

Planned Delivery Date: 6/25/2010

List Affected Subsystems and PGE Names: Inversion CER4.5-6.2P2

Date: 06/22/2010 Status: Approved

Originator: SOTHCOTT, VICTOR E. (SSAI)

=====

ADDITIONAL CHANGES TO SCCR NO. 791:

=====

Parameter Change: () YES (X) NO

Description of Change (Science):

Req. 4.5-26:

Correct the following parameters that were incorrectly represented in the SSF subsetter:

SSF-148: PSF-wtd MOD04 solution indices ocean small, average

SSF-149: PSF-wtd MOD04 solution indices ocean large, average

SSF-151: PSF-wtd MOD04 effective optical depth average ocean (0.550)

Reason for Change (Science):

Parameters are incorrectly represented and need to be corrected.

Description of Change (non-Science):

Create new PGE CER4.5-6.2P4 to add the following:

Req. 4.5-27:

Add the following parameters to the SSF subsetter:

SSF-46: CERES downward SW surface flux - Model B

SSF-47: CERES downward LW surface flux - Model B

SSF-48: CERES net SW surface flux - Model B

SSF-49: CERES net LW surface flux - Model B

Reason for Change (non-Science):

Additional parameters are needed in the subsets.

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:

CER4.5-6.2P4

Estimated Time to Complete Change: 1 day

Planned Delivery Date: 7/27/2010

List Affected Subsystems and PGE Names: Inversion CER4.5-6.2P2

Date & Time: 2010-07-22 12:42:42

Originator: SOTHCOTT, VICTOR E. (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: SynSARB

SCCR Date: 07/06/2010

SCCR Number: 797

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

(Req# 7.2-1.27)

Delivery of Synoptic SARB scripts to support Edition3 SYNI processing on magneto.

Reason for Change (non-Science):

(Req# 7.2-1.27)

Synoptic SARB will use the new merged Terra-Aqua TSIB as input. This requires delivery of the scripts to enable processing using these new inputs. Since no code changes will be made, the current PGE will be updated to process either Edition2 or Edition3 SYN.

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: 7.2.1P1

Estimated Time to Complete Change: 1 month

Planned Delivery Date: August 13, 2010

List Affected Subsystems and PGE Names: 7.2.1P1

Date: 07/19/2010

Status: Approved

Originator: CALDWELL, THOMAS E. (SSAI)

=====

ADDITIONAL CHANGES TO SCCR NO. 797:

=====

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

(Req# 7.2-1.28)

Addition of environment variables SS5, PS5, and CC5 to the Synoptic ASCII and PCF generator scripts.

Reason for Change (non-Science):

(Req# 7.2-1.28)

The scripts will use those variables to construct the filenames of the SAH maps produced by PGE 5.0P2. This will allow more flexibility when running both 5.0P2 and 7.2.1P1.

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: CER7.2.1P1

Estimated Time to Complete Change: 1 month

Planned Delivery Date: August 13, 2010

List Affected Subsystems and PGE Names: CER7.2.1P1

Date & Time: 2010-07-09 14:15:34

Originator: CALDWELL, THOMAS E. (SSAI)

=====

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

(Req# 7.2-1.29)

Providing updated version of ancillary data file sitelist.txt

Reason for Change (non-Science):

(Req# 7.2-1.29)

Several sites were added to the existing list of Synoptic subset validation sites. This was requested by the Science Team.

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: 7.2.1P1

Estimated Time to Complete Change: 1 day

Planned Delivery Date: August 13, 2010

List Affected Subsystems and PGE Names: Synoptic SARB 7.2.1P1

Date & Time: 2010-07-23 10:56:51

Originator: CALDWELL, THOMAS E. (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: TISAavg10.0 SCCR Date & TIME: 2010-07-19 13:34:42 SCCR No.: 798

Parameter Change: () YES (X) NO

Description of Change (Science):

Req# 10-38 Update to change the input SW fluxes and albedos to be defaults at the solar zenith angles greater than 89.0 degrees.

Reason for Change (Science):

ValR1 Aqua SRBAVGs have "INF" in the SW fluxes. The GEO interpolation code was not made to handle the almost 90 degrees solar zenith angle case.

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:

CER10.0P2

Estimated Time to Complete Change: 1 day

Planned Delivery Date: July 20, 2010

List Affected Subsystems and PGE Names: None

Originator: NGUYEN, CATHY (SSAI)

CERES Software Configuration Change Request Submittal

Subsystem: GGEO SCCR Date & TIME: 2010-07-26 08:56:04 SCCR No.: 799

Parameter Change: () YES (X) NO

Description of Change (Science):

Requirement # 11-7.3

Modified code to compute Optical Depth correctly in Edition2 ISCCP-D2like-GEO product.

Reason for Change (Science):

Requirement # 11-7.3

TISA science team has found an error in Beta version. Software was modified for Edition2 ISCCP-D2like-GEO process.

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:

CER11.7P1

Estimated Time to Complete Change: 2 weeks

Planned Delivery Date: Friday 6, August 2010

List Affected Subsystems and PGE Names: GGEO - ISCCP product

Originator: RAJU, RAJA (SSAI)

Table 6. July 27, 2010 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	(???)	<ul style="list-style-type: none"> • No report received. 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> • Aqua Edition3 gains have been delivered thru Mar. 1, 2010. Waiting for ValRx's to be run. (Cooper) • All PGEs have been delivered to CERES CM. All PGEs include the new SGE scripts for <i>AMI</i>. (Cooper, Grepitotis, Magill, Spivak & Timcoe) • Work has begun on the Edition2 gains thru June 2010. Test0 gain files have been processed and sent on to ERBE-like for evaluation. (Cooper) • Working with Bob Grandle to help with testing of <i>AMI-POC</i>, using PGE CER1.3P3. Bob has updated the BDS compression program to work more efficiently on <i>AMI</i>. The updated BDS compression has been tested at the SCF also and appears to work without any issues. This updated compression program will be delivered when the SCCR #716 delivery is retested by CERES CM on <i>AMI-P</i>. (Cooper) • Created PRs for validating (through both Instrument and ERBE-like) Aqua Edition3 gains through 3/1/10. Also created PRs for the full Edition3 production run (creating both BDS and PRES8) through Instrument, (Lande) 	
2.0	Walikainen (Lande)	<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) • Examining Test0 for Aqua and Terra Edition2 gains and spectral responses Mar10-May10. Test0 holds gains and responses at Feb10 levels. (Walikainen) • Finalized and delivered SCCR734. (Lande) • Continued work on SCCR740. Finalized scripts for CER3.2P1 and tested them successfully. Created and tested a run script for CER3.1P1 	

Table 6. July 27, 2010 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Processed SSF global images and statistics for Aqua Edition2D from 200712 through 200808. Results were posted on the Web. (Brown) • QC global images and statistics for Aqua Edition1C were processed from 200805 through 200808. Results were posted on the Web. (Brown) • Began transferring ClearSky and SSF code to AMI. (Brown) • Debugging VIIRS CID code on AMI. (Smith) 	
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. Tested the procedure with archive Aqua and Terra data. (Antropov) (Edition3) • Resolved uninitialized variables or errors in convolution binary QC report (Miller) (Edition4) • Determined Terra SSF hours with problems related to mismatch MODIS granules. (Miller) (Edition2) 	
4.5	Sothcott	<ul style="list-style-type: none"> • Attended weekly SOFA working group meetings. (Sothcott) • Continued work on Edition4-Beta1 software. (Sothcott) • Started work and delivered modification to SCCR 791 to change PGE CER4.5-6.2P2 to PGE CER4.5-6.2P4. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> • Combined with above. 	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • No new updates. 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> • Running test data in preparation for Edition3 SYN delivery. (Caldwell) 	

Table 6. July 27, 2010 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> Running new G5 sample data for CERES analysis. (Caldwell) 	
7.1	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> Found infinity in SW TOA fluxes. Modified code to include the CSZA at GMT from SFC. Make input SW fluxes and albedos to be defaults at SZA greater than 89.5 degrees. (Nguyen) Provided TSI data to SARB to re-create SYNI. (Nguyen) Preparing documentations for the delivery of PGEs CER10.OP3 and PGE 7.3.1P1 on <i>magneto</i> and <i>AMI-P</i>. (Nguyen) Testing scripts to deliver code on <i>AMI-P</i>. (Nguyen) Waiting for more TSIB validation from Fred Rose. (Nguyen) 	
8.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> Ran SS8 with the merged Terra-Aqua TSIB and SYNI. (Lock) Worked with ODU in including MPI in the code for optimization. (Nguyen) 	
10.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> Delivered SCCR 798 to correct the infinity SW fluxes in ValR1 SRBAVGs. (Nguyen) Updated code to correct the clear-sky albedo, SW and Net fluxes to add the twilight in the regional averages. Sent the data to Cristian for validation and create inputs for ordering tools. (Nguyen) Validating clear-sky TOA SW flux for SSF1deg data. (Nguyen) 	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> No new updates. (Raju) 	

Table 6. July 27, 2010 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> • Verified Terra SFC vs. SSF SW fluxes. (Raju) • As per Moguo Sun's requests, debugged the ISCCP-MRG code and made corrections to IO routines. (Raju) • Started working on the ISCCP-MRG PCF scripts for AMI delivery (SCCR 763). (Raju) • Started working on the documents to include ISCCP-MRG information. (Raju) • Started working on the TISA Gridding Description/Abstract documents. (Raju) 	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> • Received new MET7 coefficients from Dave Doelling and started processing data from 04/07 – 02/10 at SCF. (Raju) • Modified CER11.2P2 code to handle cases where satellite transition occurred only for few days with in a month. Ran month12/07, 05/08, 12/08, 04/08, 08/08 and checked web plots. (Raju) • Started checking web plots for months 04/07 – 02/10 for bad scans to create input files for CER11.6P1 process. (Raju) • The new design for GGEO 11.1P10 was modified to support the differences in processing between MTSAT-1 and MTSAT-2 and is currently being tested for various satellites and time frames. (Parrish) 	
CERES -lib or PerlLib	Magill	<ul style="list-style-type: none"> • No activity. 	

Table 7. July 27, 2010 – DM Tasks

Activity	Status
Code Optimization (Coleman)	<ul style="list-style-type: none">• Planning meeting with ODU for first week of August to discuss results so far. (Bodden, Nguyen)
Production Processing Database/ Automation (Coleman)	<ul style="list-style-type: none">• Preparing for PR database design review. (Grune, Coleman)
Ordering Tool (Kizer)	<ul style="list-style-type: none">• Designed database tables for storing the contents of the web access logs from the CERES Ordering Tool website, and loaded them with the previous month's worth of access logs. (Heckert)• Began development of the web-tool interface for viewing statistics/histograms based on this information (the CERES Data Ordering Statistics Web tool). (Heckert)

Table 8. July 27, 2010 – NPP Issues

Activity	Status
FM5	<ul style="list-style-type: none">• Presented a paper on CERES FM5 Science Data Processing as part of a special session on Next Generation Data Systems for Climate Record Continuity at the IGARSS conference July 27.• Finalized the dates for SDS Functional testing, with a TRR September 8, and testing September 10.• Attended biweekly NPP Science Data Segment, Data Format Working Group, and the new External Interfaces and System Test Working Group telecons. The dominant topic has been planning for NCT3 using requirements traceability and control of our own test procedures.• Refined the Requirements Traceability Matrix for the CERES FM5 Instrument Operations Requirements in preparation for NCT3 part 1, which is now scheduled to begin September 1.

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)	
Subsystem ID	PGE ID	Sgi	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	Comments
Instrument - 1	CER1.0P1	N	N	N/A	N	N/A	N	N/A	n/a	Will comply with all the latest whenever delivered
	CER1.0P2	N	N	N/A	Devel	16	Devel	16	Devel	C++ RDR Pre-Processor
	CER1.1P1	Y	N	N/A	N	N/A	SSI&T	16	SSI&T	To be disabled when C++ working- CER1.1P8
	CER1.1P3	Y	N	N/A	N	N/A	SSI&T	16	SSI&T	To be disabled when C++ working- CER1.1P8
	CER1.1P5	Y	N	N/A	N	N/A	SSI&T	16	SSI&T	To be disabled when C++ working- CER1.1P8
	CER1.1P7	SSI&T	N	N/A	N	N/A	Y	16	Y	Ada NPP
	CER1.1P8	N	N	N/A	SSI&T	16	Devel	16	SSI&T	C++ NPP, Terra, Aqua
	CER1.2P1	Y	N	N/A	SSI&T	16	SSI&T	16	SSI&T	C code, NPP capable.
	CER1.3P1	Y	N	N/A	N	N/A	SSI&T	16	SSI&T	Replace with CER1.4P1 on P6
	CER1.3P2	Y	N	N/A	N	N/A	SSI&T	16	SSI&T	Replace with CER1.4P2 on P6
	CER1.3P3	Y	N	N/A	N	N/A	SSI&T	16	SSI&T	Replace with CER1.4P3 on P6
	CER1.4P1	N	N	N/A	SSI&T	16	SSI&T	16	SSI&T	
	CER1.4P2	N	N	N/A	SSI&T	16	SSI&T	16	SSI&T	
CER1.4P3	N	N	N/A	Devel	16	Devel	16	N		
ERBE-like - 2	CER2.1P1	Y	Y	16	Devel	16	Devel	16	N	
	CER2.2P1	Y	SSI&T	15	Devel	16	Devel	16	N	Compile HDF with TK 15, run with TK 16
	CER2.3P1	Y	SSI&T	16	Devel	16	Devel	16	N	
	CER2.3P2	Y	SSI&T	16	Devel	16	Devel	16	N	
	CER2.4P1	Y	Y	16	Devel	16	Devel	16	N	
ERBE-like - 3	CER3.1P1	Y	ValRx	16	Devel	16	Devel	16	N	
	CER3.2P1	Y	ValRx	16	Devel	16	Devel	16	N	

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)	
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	Comments
Clouds 4.1-4	CER4.1-4.0P1	Y	N	N/A	N	N/A	N	N/A	n/a	
	CER4.1-4.0P2	N	Y	15	N	N/A	N	N/A	n/a	Migration to AMI not in near future
	CER4.1-4.1P4	Y	ValRx	16	N	N/A	N	N/A	n/a	warlock version recompiled for 2008 Edition2, Possibly use P4 for 3/10 forward
	CER4.1-4.1P5	Y	Y	16	N	N/A	N	N/A	n/a	warlock version recompiled for 2008 Edition2, Use P4 for 3/10 forward
	CER4.1-4.1P6	N	Y	16	Devel	16	N	N/A	N	Beta2-Ed3 (P4), Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P2	Y	Y	15	N	N/A	N	N/A	n/a	Ed2
	CER4.1-4.2P3	Y	Y	15	N	N/A	N	N/A	n/a	Ed2
	CER4.1-4.2P4	N	Y	16	Devel	16	N	N/A	N	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.1-4.2P5	N	Y	16	Devel	16	N	N/A	N	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.1-4.3P2	Y	Y	15	N	N/A	N	N/A	n/a	Ed2
CER4.1-4.3P3	N	Y	16	Devel	16	N	N/A	N	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future	
Inversion/SOF A 4.5-6	CER4.5-6.1P2	Y	ValRx	16	N	N/A	N	N/A	n/a	Ed2 Terra Main
	CER4.5-6.1P3	Y	Y	15	N	N/A	N	N/A	n/a	Ed2 Aqua Main
	CER4.5-6.1P4	N	Y	16	Devel	16	Devel	16	N	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	Y	16	Devel	16	Devel	16	N	Aqua Main Ed4 version of 1P3
	CER4.5-6.2P2	Y	Y	15	N	N/A	N	N/A	n/a	Ed2/Ed3 subsetter
	CER4.5-6.2P3	N	Y	16	Devel	16	Devel	16	N	Subset postproc for Terra and Aqua (Ed4 version of 2P2)
	CER4.5-6.2P4	N	SSI&T	16	N	N/A	N	N/A		Ed3 daily post-processor
	CER4.5-6.3P2	Y	SSI&T	16	N	N/A	N	N/A	n/a	Edition2 to <i>magneto</i> Terra alternate
	CER4.5-6.3P3	Y	Y	15	N	N/A	N	N/A	n/a	Edition2 to <i>magneto</i>
	CER4.5-6.4P1	Y	Y	15	N	N/A	N	N/A	n/a	Edition2 to <i>magneto</i>
	CER4.5-6.4P2	N	Y	16	Devel	16	Devel	16	N	Monthly validation site (Ed4 for 4P1)
	CER4.5-6.5P2	N	N	N/A	N	N/A	N	N/A	n/a	IES-SSF Terra New PGE, Ed4 format
	CER4.5-6.5P3	N	N	N/A	N	N/A	N	N/A	n/a	IES-SSF Aqua New PGE, Ed4 format
	CER4.5-6.5P4	N	SSI&T	16	N	N/A	N	N/A	n/a	IES-SSF Terra New PGE, Ed2 format
CER4.5-6.5P5	N	SSI&T	16	N	N/A	N	N/A	n/a	IES-SSF Aqua New PGE, Ed2 format	
CER4.5-6.6P2	Y	N	N/A	N	N/A	N	N/A	n/a	Edition2	

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)	
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	Comments
	CER4.5-6.6P3	Y	Y	15	N	N/A	N	N/A	n/a	Edition2 to <i>magneto</i>

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)	
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	Comments
SARB - 5	CER5.0P1	Y	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER5.0P2	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only for now, Ed3 version requires delta delivery
	CER5.1P1	Y	Y	16	N	N/A	N	N/A	n/a	Ed2 only
	CER5.1P2	N	ValRx	16	N	N/A	N	N/A	n/a	Ed2 only
	CER5.1P3	N	N	N/A	Devel	16	Devel	16	N	New PGE - Edition4 Main for Terra and Aqua
	CER5.4P1	Y	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER5.4P2	N	Y	16	N	N/A	N	N/A	n/a	Ed2 only
TISA Grid - 6	CER6.1P1	Y	Y	15	N	N/A	Devel	16	n/a	
	CER6.1P2	N	N	N/A	N	N/A	N	N/A	n/a	New PGE for Edition4
	CER6.2P1	Y	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER6.2P2	N	N	N/A	Devel	16	Devel	16	n/a	New PGE for Edition4
	CER6.3P1	Y	Y	15	N	N/A	N	N	n/a	
	CER6.3P2	N	N	N/A	Devel	16	Devel	16	n/a	New PGE for Edition4
TISA Avg - 7.1	CER7.1.1P1	N	Y	15	N	N/A	n	N/A	n/a	
	CER7.3.1P1	N	N	N/A	Devel	16	Devel	16	Devel	New PGE for Edition3
SARB - 7.2	CER7.2.1P1	N	Y	16	Devel	16	Devel	16	Devel	Ed2 only for now, Ed3 version requires delta delivery
TISA Avg - 8	CER8.1P1	N	Y	15	Devel	16	Devel	16	Devel	Migrate to AMI for Ed3
TISA Grid - 9	CER9.0P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.0P2	N	N	N/A	Devel	16	Devel	16	N	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N	N/A	Devel	16	Devel	16	N	ISCCP-D2like-MRG Main-processor
	CER9.1P1	Y	Y	15	Devel	16	Devel	16	N	
	CER9.2P1	Y	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.2P2	N	SSI&T	16	N	N/A	N	N/A	n/a	New PGE for Edition3
	CER9.3P1	Y	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.3P2	N	SSI&T	16	N	N/A	N	N/A	n/a	New PGE for Edition3
	CER9.4P1	Y	Y	15	N	N/A	N	N/A	n/a	Ed2 only
CER9.4P2	N	SSI&T	16	N	N/A	N	N/A	n/a	New PGE for Edition3	
TISA Avg - 10	CER10.0P1	N	ValRx	16	N	N/A	N	N/A	n/a	
	CER10.0P2	N	ValRx	16	N	N/A	N	N/A	n/a	
	CER10.0P3	N	Devel	16	Devel	16	N	N/A	n/a	new PGE for Edition3

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)	
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	Comments
GGEO - 11	CER11.1P10	N	SSI&T	16	Devel	16	Devel	16	Devel	
	CER11.2P2	N	SSI&T	16	Devel	16	Devel	16	N	
	CER11.4P1	N	ValRx	16	Devel	16	Devel	16	N	
	CER11.6P1	N	SSI&T	16	Devel	16	Devel	16	N	
	CER11.7P1	N	Y	16	Devel	16	Devel	16	N	
Regrid MOA - 12	CER12.1P1	Y	Y	16	Devel	16	Devel	16	Devel	Back from SSI&T for newly required AMI scripts
	CER12.1P2	N	Y	16	Devel	16	Devel	16	Devel	Ed4 MOA -- Back from SSI&T for newly required AMI scripts

Table 1 Key:		
¹ Status	Y	Currently able to run in production
	Devel	PGE in development, still to be delivered for the first time to the platform.
	SSI&T	PGE delivered and in SSI&T (CM or SIT) testing prior to operational processing
	ValRx	PGE promoted to production on platform, but still undergoing ValRx testing and approving phase
² Prod. Platform	SGL	warlock
	P4	Magneto - IBM P4
	P6	AMI - IBM P6
	X86	AMI - IBM X86
⁷ "New" Wrapper Scripts for AMI Status	Y	Scripts in production
	n/a	Not needed for this PGE
	N	Development not yet begun
	SSI&T	Delivered and in SSI&T (CM or SIT) testing prior to operational processing
	Devel	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 ¹ ? (Y/N)
BDS	Instrument	Archival	N
ES-8	ERBE-like	Archival	N
ES-9	ERBE-like	Archival	N
ES-4	ERBE-like	Archival	N
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
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
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
4/13/2010	CER1.1P7, CER12.1Px	Changed Wrapper Script Status from "N" to "InProg"
	CER2.2P1, CER2.3Px	Changed Planned Updated Status from "Developing" to "SSI&T"
	CER4.1-4P5	Moved from a Current Production status of Active on P4 to a Planned update status of Developing on P4

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
5/3/2010	Many PGEs	Changed "New" Wrapper status from "N" to "n/a"; Changed Status and Platform for Planned updates to "n/a" for PGEs that are not expected to migrate to AMI
	CER1.1P8, CER1.3P2,3, CER1.4Px	Changed "new" Wrapper status from "N" to "InProg"
	CER1.4Px	Added X86 to planned update platform column
	CER4.1-4.1P4	Changed Planned update status from "ValRx" to "SSI&T" and TK Ver to 16
	CER4.5-6.2P2,4P1	
	CER5.4P2	Changed current status from ValRx to Active
	CER10.0Px	Changed status from SSI&T to ValRx
	CER11.7P1	Changed Planned update status to "SSI&T" and Planned Platform to P4
5/18/2010	All	Replaced columns indicating active platforms with platform-specific status
6/1/2010	CER4.5-6.5P4, CER4.5-6.5P5	New PGEs added to list
	CER4.5-6.5P2, CER4.5-6.5P3	Changed P4 status from SSI&T to N
	Clouds and Inversion	Changed comments to indicate Edition4 instead of Edition3
	CER9.x.P2	Changed Platform information to indicate development status on P4
6/15/2010	CER7.1.1P2, CER7.2.1P2, CER10.0P3	New PGEs added to list
	CER1.1P7	Changed Wrapper Script Status from "InProg" to "Y", changed X86 status to "Y"
	CER2.4P1	Changed P4 status from "ValRx" to "Y"
	CER4.5-6.5P4, CER4.5-6.5P5	Changed P4 status from "Devel" to "SSI&T"
	CER4.5-6.2P2	Changed P4 status from "SSI&T" to "Y"
	CER1.4P3	Changed "new" Wrapper status from "InProg" to "N"
6/28/2010	CER4.1-4.1P5, CER4.5-6.1P3	Changed P4 status from "ValRx" to "Y"
	CER9.2P2, CER9.3P2, CER9.4P2	Changed P4 status from "Devel" 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 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

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
GGEO - 11	CER11.1P1	Disabled	
	CER11.1P2	Disabled	
	CER11.1P3	Disabled	
	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		