

July 20, 2011 - System Issues and Status
Table 1: Process Strategy/Coleman as of 07/20/11
Active Requests in order of priority as of 07/18/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
The PRs that follow are the Standing PRs						
M-PR 1-09		NSIDC-NESDIS	EICE ESNOW 16 th mesh	4.1-4.0P2	Standing Request	
AM- PR 6-05, 7-05, and 1-10 to 4-10 PM-PRs 16-05, 18-05, 2-10, 4-10, 6-10, 8-10 PM-PRs 11-05 to 14-05, 1-10, 3-10, 5-10, 7-10	Terra FM3 FM4	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	
AM 1-11 to 7-11 PM 1-11 to 7-11	Terra Aqua	Edition1-CV	SSF Clouds and Inversion	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2 4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request	
PR M 1-11 SCCR 830	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	
PR M 1-10 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	
The PRs that follow are the Non-Standing PRs that can be processed						
PRs 185-10 thru 187-10 SCCR 782	Terra	ValR15 (for Ed1-CV)	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	12/07	Ready Priority Level 1

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 176-10 thru 182-10 SCCRs 811, 791, 690	Terra	Edition3A	SSF	4.5-6.5P4 4.5-6.2P2 4.5-6.4P1	3/00 – 10/05	In Progress Priority Level 1
PR 148-11 SCCR 849		CALIB	GGEOW	11.6P1	3/2010 – 12/2010	Ready Priority Level 1
PR 188-10 SCCR 795	Merged	Edition3A	SYN1deg-3Hour/ M3Hour/ Month	8.1P1	12/07 – 6/10	Ready Priority 1
PR 86-11 SCCR 842	NPP	ValR23		1.0P2	9/6/10 – 9/8/10	Ready Priority 1
PR 87-11 SCCR 843	NPP	ValR23	BDS, IES	1.1P7	9/6/10 – 9/8/10	Ready Priority 1
PRs 88-11 89-11 thru 91-11 SCCR 838	NPP Terra Aqua	ValR23	BDS, IES	1.1P8	9/6/10 – 9/8/10 3/00, 11/04, 4/09 9/02, 11/04, 4/09	Ready Priority 1
PRs 92-11 thru 96-11, 104-11 thru 108-11 SCCR 716	Terra Aqua	ValR23, ValR23-Ed2 ValR23-Ed3	BDS, IES	1.2P1 1.3P1 1.3P2 1.3P3	3/00, 11/04, 4/09 9/02, 11/04, 4/09	Ready Priority 1
PRs 97-11, 98-11 SCCRs 756, 770	Terra Aqua	ValR23		1.4P1	3/00, 11/04, 4/09 9/02, 11/04, 4/09	Ready Priority 1
PR 110-11 SCCR 843	NPP	ValR24	BDS, IES	1.1P7	9/6/10 – 9/8/10	Ready Priority 2

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 111-11, 112-11 SCCR 716	NPP	ValR24	BDS, IES	1.2P1, 1.3P1	9/6/10 – 9/8/10	Ready Priority 2
PR 113-11 SCCR 756	NPP	ValR24	BDS, IES	1.4P1	9/6/10 – 9/8/10	Ready Priority 2
PRs 114-11 - 116-11 SCCR 843	Terra Aqua	ValR24	BDS, IES	1.1P3 1.1P5	3/00, 11/04, 4/09 9/02, 11/04, 4/09	Ready Priority 2
PRs 117-11 thru 122-11, 130-11 thru 135-11 SCCR 716	Terra Aqua	ValR24, ValR24-Ed2, ValR24-Ed3	BDS, IES	1.2P1 1.3P1 1.3P2 1.3P3	3/00, 11/04, 4/09 9/02, 11/04, 4/09	Ready Priority 2
PRs 123-11, 124-11 SCCR 756	Terra Aqua	ValR24		1.4P1	3/00, 11/04, 4/09 9/02, 11/04, 4/09	Ready Priority 2
PRs 17-11, 18-11 SCCR 756	FM1, FM2, FM3, FM4	ValR17		1.4P1	3/31/00 (Terra) 9/30/02 (Aqua) 11/30/04 (Both) 4/30/09 (Both)	Ready Priority Level 2
PRs 16-10 SCCR 749	CERES	ValR4x86-Ed3	MOA	12.1P2	7/04	Ready Priority Level 2
PR 15-10 SCCR 749	CERES	ValR4p6-Ed3	MOA	12.1P2	7/04	Ready Priority Level 2
PR 37-10 SCCR 749	CERES	ValR4x86-Ed2	MOA	12.1P1	7/04	Ready Priority Level 2

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Active Requests in order of priority as of 07/18/11**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 36-10 SCCR 749	CERES	ValR4p6-Ed2	MOA	12.1P1	7/04	Ready Priority Level 2
PRs 179-10 thru 181-10 SCCR 789	Terra	Edition3A	SFC	9.2P2, 9.3P2 9.4P2	3/00 – 10/05	Ready Priority Level 2
PR 182-10 SCCR 794	Terra	Edition3A	SAH	5.0P2	3/00 – 10/05	Ready Priority Level 2
PR 65-11 SCCR 794	FM1 FM2	Edition3A	SAH	5.0P2	7/10 – 11/10	Ready Priority Level 2
PR 69-11 SCCR 794	FM1 FM2	Edition3A	SAH	5.0P2	12/2010	Ready Priority Level 2
PR 66-11 SCCR 794	FM3 FM4	Edition3A	SAH	5.0P2	7/10 – 11/10 12/10	Ready Priority Level 2
PRs 167-10, 164-10 SCCR 833	Merged	Edition3A	TSI	10.0P3, 7.3.1P1	12/07 – 6/10	HOLD- Production - Validation Priority 3
PR 173-10 SCCR 797	Merged	Edition3A	SYNI	7.2.1P1	12/07 – 6/10	HOLD- Production - Validation Priority 3
PRs 84-10, 76-10, 92-10 SCCRs 812, 791, 690	FM3, FM4	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	7/2/02 – 3/30/05	Ready Priority Level 3

**Table 1: Process Strategy/Coleman as of 07/20/11
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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 6-11 SCCR 749	CERES	GMAO-G541-Ed4	MOA	12.1P2	2/28/2000 – 3/1/2010	HOLD –PreProd- Waiting for Validation Priority Level 3
* PRs 111-10 thru 113-10 (partial – remainder) SCCR 789	Aqua XTrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	7/02 – 4/06 NOTE: Dates 7/02 thru 3/05 should only need to be processed at this point	Hold-Production- Input – 4/05 thru 4/06 already processed Priority Level 3
PR 100-10 SCCR 794	FM3, FM4	Edition3A	SAH	5.0P2	7/02 – 3/05	Hold-Production- Input Priority Level 3
PRs 168-10, 165- 10, 169-10, 166-10, 83-11, 84-11 SCCR 833	Merged	Edition3A	TSI	10.0P3, 7.3.1P1	7/02 – 4/06 1/06, 12/07 – 6/10 7/10 – 12/10	HOLD- Production - Validation Priority 3
PRs 183-10 175-10 174-10 82-11 SCCR 797	Merged	Edition3A	SYNI	7.2.1P1	7/02 – 10/05 11/05 – 4/06 1/06, 5/06 – 12/07 7/10 – 12/10	HOLD- Production - Validation Priority 3
PRs 191-10, 190-10, 189-10, 81-11 SCCR 795	Merged	Edition3A	SYN1deg- 3Hour/ M3Hour/ Month	8.1P1	7/02 – 4/06 1/06, 5/06 – 12/07 7/10 – 12/10	HOLD- Production - Validation Priority 3
PR 47-09 SCCR 685	FM3, FM4	Edition2D/ Ed2D-NoSW	SFC	9.2P1 9.3P1 9.4P1	11/30/07 - 3/1/10 7/1/10	In Progress NOTE: Dates through 4/10 complete Priority Level 3

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 9-10 thru 10-10 SCCR 650	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	3/2000 – 10/05	Ready. Priority Level 3
PRs 7-10 thru 8-10 SCCR 650	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	7/2002 – 10/05	Ready. Priority Level 3
PRs 5-10 thru 6-10 SCCR 650	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	11/05 – 2/10	Ready. Priority Level 3
PRs 3-10 thru 4-10 SCCR 650	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	11/05 – 2/10	Ready. Priority Level 3
PR 46-09	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P1	12/1/07 - 6/30/10	Ready. Process 1 st month and wait for SS checkout Priority Level 3
PR 45-09 SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	12/1/07 - 6/30/10	Ready. Priority Level 3
PRs 136-09, 137-09 SCCR 746	FM1, FM2, FM3, FM4	Edition2A	ISCCP-D2like-Day/Nit	9.0P1	Launch thru 10/02	Ready. Priority Level 3
PRs 39-11 thru 41-11	FM3, FM4	Edition3 Ed3-NoSW	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	3/2/10 – 7/1/10	Complete. 7/17/11
<p>**** The PRs that follow are on HOLD. They cannot be processed until the necessary input data are available. ****</p>						
PR 149-11 SCCR 842	FM5	PreLaunch-NCT4		1.0P2	9/6/10 – 9/13/10	Hold-PreProduction-Input. Priority Level 2

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 150-11 SCCR 838	FM5	PreLaunch-NCT4	BDS	1.1P8	9/6/10 – 9/13/10	Hold-PreProduction-Input. Priority Level 2
PR 151-11 SCCR 848	FM5	PreLaunch-NCT4	BDSS	1.2P1	9/6/10 – 9/13/10	Hold-PreProduction-Input. Priority Level 2
PR 152-11 SCCR 756	FM5	PreLaunch-NCT4	BDSI	1.4P1	9/6/10 – 9/13/10	Hold-PreProduction-Input. Priority Level 2
PR 153-11 SCCR 770	FM5	PreLaunch-NCT4	ES8	2.2P1	9/6/10 – 9/13/10	Hold-PreProduction-Delivery Priority Level 2
PRs 73-11 thru 75-11 SCCRs 811, 791, 690	FM1, FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	12/2/2010 – 1/1/11	Hold-Production-Input. Complete thru 12/31/10 Priority Level 3
PRs 70-11 thru 72-11 SCCR 789	Terra Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/2/2010 – 1/1/11	Hold-Production-Input. Complete thru 12/31/10 Priority Level 3
PRs 58-11 thru 56-11 SCCRs 812, 791, 690	FM3, FM4	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	6/30/10 – 12/1/10 11/1/11	Hold-Production-Input. FM3 Complete thru 12/31/10 Priority Level 3

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 62-11 thru 64-11 SCCR 789	Aqua Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	6/30/10 – 12/1/10 11/1/11	Hold-Production-Input. Complete thru 12/31/10 Priority Level 3
**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed pre-operational testing and been promoted ****						
PRs 102-11, 103-11 SCCRs 756, 770	Terra Aqua	ValR23		1.4P2	3/00, 11/04, 4/09 9/02, 11/04, 4/09	HOLD –PreProd-Software Delivery Priority 2
PRs 128-11, 129-11 SCCR 770	Terra Aqua	ValR24		1.4P2	3/00, 11/04, 4/09 9/02, 11/04, 4/09	HOLD –PreProd-Software Delivery Priority 1
PRs 14-11 thru 15-11 SCCR 770	FM1, FM2, FM3, FM4	Edition1-CV		1.4P2	3/31/00 (Terra) 9/30/02 (Aqua) 11/30/04 (Both) 4/30/09 (Both)	HOLD –PreProd-Software Delivery Priority Level 2
PRs 29-11 thru 31-11 SCCR 763	Terra, Aqua	Beta1	ISCCP-D2like-Mrg	9.0P2 9.0P3	200107 200401 200404 200407 200410	HOLD –PreProd-Waiting for Promotion Priority Level 3
PRs 139-11 thru 142-11 SCCR 809	FM1, FM2	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	2/28/2000 – 6/1/2005	HOLD –PreProd-Waiting for Promotion Priority Level 2
PRs 143-11 thru 146-11 SCCR 809	FM3, FM4	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	6/30/2002 – 3/30/2005	HOLD –PreProd-Waiting for Promotion Priority Level 2

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 109-11 SCCR 842	NPP	ValR24		1.0P2	9/6/10 – 9/8/10	Cancelled
**** PRs to be written ****						
	FM2, FM4	Edition3A	SSF, SAH	4.5-6.5P4 4.5-6.5P5 4.5-6.2P2 4.5-6.4P1 5.0P2	FM2: 3/06 - 3/1/10 FM4: 4/05 - 3/1/10	
	FM1 FM2	Beta1-Ed4	SSF	Inversion		
	FM3 FM4	Beta1-Ed4	SSF	Inversion		

Table 2. July 20, 2011 - System Issues and Status

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> • Nothing to report. (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) • SCCR 843 – Posted the updated Instrument Operator’s Manual on the Web and provided it to the ASDC. (Saunders) • SCCR 854 – Installed this Instrument delta delivery on <i>AMI-P</i>, and released it to the ASDC on July 8. (Ayers) • SCCR 809 – Successfully completed testing. Resolving discrepancies in the expected output lists. (Ayers, Saunders) • Updated the promotion information for Instrument and TISA Averaging in the Promoted Directories document. Provided the updated document to the ASDC. (Ayers) • Removed Instrument PGE CER1.3P2 from the SSI&T area on <i>AMI-P</i>. Provided information to the ASDC for the PGE to also be removed from the production area. (Ayers) • Disabled Inversion PGEs CER4.5-6.3P2, CER4.5-6.3P3, CER4.5-6.6P2, and CER4.5-6.6P3 on <i>magneto</i> by deleting the executables for each of the PGEs in the SSI&T area. Provided information to the ASDC so the PGE executables could also be deleted from the production area. (Ayers)
<i>AMI</i> Job Submission Scripts – Phase 1	Ayers (Grepitotis)	<ul style="list-style-type: none"> • Development continues on the scripts for upcoming deliveries. (Grepitotis, Hillyer)

Table 3. CERES Subsystem Delivery Schedule – July 2011
(CERES Science Team Meeting: October 4 – 6, 2011, in Livermore, CA)
(NPP Launch Date: October 25, 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 Gridding (SCCR 763)	October 15	October 29 On hold awaiting updates	November 5	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>
Clouds (SCCR 809)	February 18	March 4 In CM Queue	March 11	Terra and Aqua Beta1-Edition4 . PGEs CER4.1-4.1P6, CER4.1-4.2P5, CER4.1-4.2P4, and CER4.1-4.3P3.			<i>AMI-P6</i>
ERBE-like (SCCR 740)	July 8	July 22	July 29	Delivery of all ERBE-like PGEs to <i>AMI</i> . (Edition2/Edition3)			<i>AMI-P6</i>
Perl_Lib (SCCR 846)	July 15	July 29	August 5				<i>AMI-P6 & AMI-x86</i>
Inversion (SCCR 814)	July 15	July 29	August 5	Terra and Aqua Beta1-Edition4 . PGEs CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3 and CER4.5-6.4P2.			<i>AMI-P6</i>
Instrument (SCCR 855)	July 22	August 5	August 12	Update to PGE CER1.0P2 to use Toolkit time conversion routines and fix issues discovered in NCT 4.			<i>AMI-P6 & AMI-x86</i>
Instrument (SCCR 770)	July 29	August 12	August 19	Redelivery of PGE CER1.4P2.			<i>AMI-P6 & AMI-x86</i>

Table 3. CERES Subsystem Delivery Schedule – July 2011
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(NPP Launch Date: October 25, 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)
Instrument (SCCR 856)	July 29	August 12	August 19	Delta delivery for PGEs CER1.1P8 and CER1.1P3 to fix issue with proper EPH/ATT names for Terra 2003 data.			<i>AMI-P6</i>
Instantaneous SARB		Spring		Beta1-Edition4 CRS.			<i>AMI-P6 & AMI-x86</i>
GGEO		Summer		Beta1-Edition4 GGEO delivery.			<i>AMI-P6</i>
Instrument (SCCR 641)		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	<i>magneto-P4</i>

SCF Processing

Subsystem	Reason for Delivery	SCF Platform
TISA Averaging (SCCR 766)	SRBAVG-nonGEO Beta2-Edition3. New PGE CER10.1P1 for the subsetter code.	<i>AMI-P6</i>

Table 4. CERES Coefficients Delivery Schedule – July 2011

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
There are no deliveries planned at this time.					

Table 5. SCCR Activity July 5 at 2:00 p.m. – July 19 at 6:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
749				X		MOA		
770			X			Instrument		
843				X		Instrument		
848				X		Instrument		
851			X	X		Perl_Lib		
852		X	X		X	Instrument	15	
853				X		GGEO		
854	X		X	X		Instrument	17	
855	X					Instrument	18	
856	X					Instrument	19	

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

CERES Software Configuration Change Request Submittal

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Subsystem: Instrument

SCCR Date: 06/20/2011

SCCR Number: 852

Parameter Change: () YES (X) NO

Description of Change (Science):

Req. 1-43: update CER1.3P2 to re-order the Radiance and mode flags from high-order (existing CERES data products) to low-order (Ada on AMI x86).

Reason for Change (Science):

Req. 1-43: CER1.3P2 on AMI x86 was improperly deciphering the Radiance and mode flags, as it was originally written on an SGI where Ada reads bits as high-order (left to right), Ada on AMI reads bits as low-order (left to right). This was causing the software to improperly read the flags and then not process the appropriate samples for the gain analyses.

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:

CER1.3P2

Estimated Time to Complete Change: 2 weeks

Planned Delivery Date: Aug. 1, 2011

List Affected Subsystems and PGE Names: Instrument CER1.3P2

Date: 07/08/2011

Status: Approve

Originator: COOPER, DENISE L. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 852:

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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 this SCCR

Reason for Change (non-Science):

Disapprove this SCCR because this PGE will be replaced by CER1.4P2.

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:

Instrument

Estimated Time to Complete Change: 1 day

Planned Delivery Date: N/A

List Affected Subsystems and PGE Names: Instrument

Date & Time: 2011-07-19 16:03:48

Originator: COOPER, DENISE L. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Instrument SCCR Date & TIME: 2011-07-08 11:11:53 SCCR No.: 854

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Req. 1-44: Add NPP as an option in the PCF generator for CER1.3P1 and CER1.4P1.

Reason for Change (non-Science):

Req. 1-44: When these PGEs were originally delivered there was no NPP data to test with and so this option was not added to the PCF generators, because it could not be tested at the time.

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:

CER1.3P1, CER1.4P1

Estimated Time to Complete Change: 1 hr

Planned Delivery Date: 7/8/2011

List Affected Subsystems and PGE Names: Instrument CER1.3P1, CER1.4P1

Originator: COOPER, DENISE L. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Instrument SCCR Date & TIME: 2011-07-18 16:39:53 SCCR No.: 855

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Req. 1-45: PGE CER1.0P2 needs to incorporate the use of the Toolkit time conversion routines.

Reason for Change (non-Science):

Req. 1-45: The PGE is currently using time conversion routines which cannot properly update the time for leap seconds in the future, which is already handled by the existing Toolkit time routines.

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:

CER1.0P2

Estimated Time to Complete Change: 2 wks

Planned Delivery Date: Aug. 5, 2011

List Affected Subsystems and PGE Names: Instrument CER1.0P2

Originator: COOPER, DENISE L. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Instrument SCCR Date & TIME: 2011-07-18 16:47:52 SCCR No.: 856

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Req. 1-46: Fix the issue with the File Utilities for CER1.1P8 and CER1.1P3 to properly handle the change in filenaming convention for Terra eph/att data in 2003. The PCF generator for CER1.1P8 will also be updated to fix the issue with TRMM Level-0, eph/att data for 1/1/2000, where incorrect directory names are put into the PCF.

Reason for Change (non-Science):

Req. 1-46: The eph/att data filenaming convention changed in 2003 for both Terra and Aqua. Terra only back-filled the existing data to 3/16/2003, starting on 3/17/2003 the eph/att data used the new filenaming convention. The existing Perl module has a bug that does not switch the checking for the correct filenames based on data date.

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, CER1.1P3

Estimated Time to Complete Change: 3 weeks

Planned Delivery Date: Aug. 12, 2011

List Affected Subsystems and PGE Names: Instrument CER1.1P8, CER1.1P3

Originator: COOPER, DENISE L. (SSAI)

Table 6. July 20, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Grepitotis)	<ul style="list-style-type: none"> Nothing to report. (Hillyer) 	
CERES-lib	Grepitotis (Hillyer)	<ul style="list-style-type: none"> Rebuilt library following SCF2 crash. (Hillyer) 	
Perl_Lib	Hillyer (Grepitotis)	<ul style="list-style-type: none"> Reinstalled library following SCF2 crash. (Hillyer) 	
CERES Proc. System	Hillyer (Grepitotis)	<ul style="list-style-type: none"> Presented proposed JBoss/Perl layered design to the ASDC. (Hillyer, Coleman) Designed command set to interact with the processing system. (Hillyer) Designing job status broadcasting system. (Hillyer) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> SCCR 770 – Working to add the new algorithm for Edition3 gain updates to the PGE. Work continues to determine the exact cause of the differences between the Ada and C++ software. It appears that the differences are due to how the floating point values are stored in the two different languages. Any updates to the existing algorithm will be incorporated and delivered with the new algorithm addition. (Cooper, Hess, Magill, Timcoe) A problem was discovered with the CER1.1P8 file utility Perl module, which only affects Terra data in the year 2003. This is related to the change in the filenaming convention for the eph/att data files, which occurs between 3/16 and 3/17/ 2003. An update will be delivered as a delta delivery for CER1.1P8 and CER1.1P3 after NCT 4 is complete. (Cooper, Grepitotis) Putting together a complete set of test months per instrument to validate CER1.1P8 for TRMM/Terra/Aqua production on <i>AMI-P</i>. Several months will be added to the existing PR and the remainder of the test months will be run on <i>AMI</i>. Once this data is compared against existing TRMM/Terra/Aqua data from <i>warlock</i> a determination as to whether the C++ can fully replace the existing Ada code will be made. (Cooper, Hess, Thomas) 	

Table 6. July 20, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Wrote PRs to process NCT4 data through Instrument and CER2.2P1 and closed ValRx PRs for PGE 1.3P2. Also, assisted Angel with Instrument ValRx PR questions on Ada vs C++ CC numbers. (Lande) • Wrote ERBE-like section of the Ancillary Data Files for NPP document. Also wrote 6-month report. (Lande & Walikainen) • Provided Science Team with graphs for a Level-3 Data Quality Summary. (Walikainen) • Restored 64 Edition3 SCCs and 5 scripts used for testing. These files were corrupted during July SCF disk failure. (Walikainen) • SCCR-740 - Set up <i>AMI-P-P6</i> account with corrected .cshrc file. With help from Nelson, succeeded in compiling 2.2/2.3/3.1/3.2 and executing 2.2P1 and 3.1P1 for one Terra/Aqua test case and the FM5 test case (both static and SGE). The Terra/Aqua output from 2.2P1 was validated and a new robust test (Baseline1-QC) was successful. The Test Plan document was corrected and notice given to Sue Sorlie to fix the <i>AMI-P</i> Depot directory structure to allow for remaining Test Plan test cases. (Lande) 	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Almost finished processing NEWS products with the corrections before Disk Crash. (Chen) • Recovered the files for reprocessing NEWS products and continue ftp the CloudSat and MAC data after the Disk Crash. Started process the NEWS products again. (Chen) • Recovering files from /SCF2 disk crash. Worked on getting batch job to run in dx. (R. Brown) • Processed FLASHFlux data for Terra and Aqua for 201105 - 201106. QC global images and statistics are posted on the Web. (R. Brown) • Completed an early or preliminary version of the daily CloudVis product. (Gibson) • Recovering Clouds scripts, ancillary database, files, etc., from the disk crash. (Sun-Mack) 	

Table 6. July 20, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Writing clear sky paper for Ed2 (3rd of 4 papers for Ed2). (Sun-Mack) • Continued work on automation of QC and GEWEX post processing scripts. (Smith) • Rewrote GEWEX multi-team plotting program in IDL on <i>wbs128</i> to enable creating plots as web options are chosen. (Smith) • SCCR 809 - Updated clouds delivery out_description files to specify exactly which possible output files did or did not get created by each test run. (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"> • Modified scripts and PCF to run convolution, inversion, and ssf2hdf from one script for ERBE. (Miller) • Set-up directory structure for ERBE processing. (Miller) • Worked on the program for new GRing construction algorithm - improved smoothing procedure. (Antropov) • Started effort to compile convolution program with Intel. (Antropov) 	
4.5	Sothcott	<ul style="list-style-type: none"> • Nothing new to report. (Victor) 	
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. (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"> • Regenerated 9 months of Edition4 MOA at Sunny's request. (Caldwell) • Continuing to work on FLASHFlux MOA code. (Caldwell) 	
7.1	Nguyen (Lock)	<ul style="list-style-type: none"> • Reran July 2004 Terra, Aqua, Terra/Aqua TSI with non-GGEO, 3-hour GGEO and 1-hour GGEO for Michele to compare with GERB data. (Nguyen) 	
8.0	Nguyen (Lock)	<ul style="list-style-type: none"> • Reran SYN with the above TSI data for Michele Nordeen to compare with GERB data. (Nguyen) 	

Table 6. July 20, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
8.0 (Cont'd)	Nguyen (Lock)	<ul style="list-style-type: none"> • Checked for NaN, Inf and out of ranges of DAAC Edition3 January 2008 SYN data. Compared DAAC data versus data ran at SCF. (Lock) • Provided support to DAAC testing and processing SYN data. (Lock) 	
10.0	Nguyen (Lock)	<ul style="list-style-type: none"> • Reran flux by cloud type to produce data for Betty to do the statistics calculation. (Nguyen) • Completed the DPC for monthly and daily SSF and SYN 1-deg to get ready for delivering the code and data. Continue working on the read software package. (Nguyen) • Preparing to rerun Terra and Aqua SSF 1-deg and SYN 1-deg. (Nguyen) • Preparing to rerun the EBAF data for Dennis Keyes. (Nguyen) 	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> • No new updates. (Raju) 	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> • SCCR 763 – No update on the delivery date. Moguo Sun is on vacation and waiting for his approval. (Raju) • Started processing Edition3 Terra /Aqua SSF data through ISCCP-D2likeFlx software to create climatology files. (Syed) • The validation portion of the CER9.5 code now includes statistics in order to determine the impact of discrepancies' between the netCDF file and the SFC current output. Only, the daytime observations without snow scenes are being validated. (Lock) • Several SFC files under /SCF2 directory got corrupted. Generating the files again to provide inputs to TISA Averaging. (Raju) 	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> • Several GGEO-1Hourly data files, ancillary files, and the FORTRAN modules under /SCF2/CERES/tisa/ggeo directory got corrupted. Started replacing the software and generating the data files to provide inputs to TISA averaging process. (Raju) • Wrote an IDL program to read GEO satellite image. Provided the program to Betty Lock to read MTS image that showed problems. (Raju) 	

Table 6. July 20, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
11.0 (Cont'd)	Raju (Nguyen)	<ul style="list-style-type: none">Started working on FORTRAN and IDL programs to calculate standard deviations for each satellite to create thresholds. This process is to test if bad images can be identified before processing through GGEO. (Raju)	

Table 7. July 20, 2011 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none">• Conducting test drive of Web Application that will enable modification of PR status and priority fields. (Heckert, Coleman, Grune, SIT, and Ops)• Presented top-level conceptual design of using JBOSS for PR Controller/Scheduler to the ASDC. (Hillyer)
Ordering Tool (Kizer)	<ul style="list-style-type: none">• No new updates. (Kizer)

Table 8. July 20, 2011 – NPP Issues

Activity	Status
FM5	<ul style="list-style-type: none">• Supporting NCT 4 rehearsals as necessary. (Spivak)• Preparing for the CERES NPP LRR. Working to create a document to support a launch readiness review for CERES on NPP. (Instrument WG)

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	Y	16	Y	16	Y	C++ RDR Pre-Processor
	CER1.1P1	Y	N	N/A	N	N/A	Y	16	Y	To be disabled when C++ working- CER1.1P8
	CER1.1P3	Y	N	N/A	N	N/A	Y	16	Y	To be disabled when C++ working- CER1.1P8
	CER1.1P5	Y	N	N/A	N	N/A	Y	16	Y	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	Y	16	N	N/A	Y	C++ NPP, Terra, Aqua
	CER1.2P1	Y	N	N/A	Y	16	Y	16	Y	C code, NPP capable.
	CER1.3P1	Y	N	N/A	N	N/A	Y	16	Y	Replace with CER1.4P1 on P6
	CER1.3P2	Y	N	N/A	N	N/A	Devel	16	Devel	Replace with CER1.4P2 on P6
	CER1.3P3	Y	N	N/A	N	N/A	Y	16	Y	Replace with CER1.4P3 on P6
	CER1.4P1	N	N	N/A	Y	16	Y	16	Y	
	CER1.4P2	N	N	N/A	Devel	16	Devel	16	Devel	
	CER1.4P3	N	N	N/A	Devel	16	Devel	16	N	
ERBE-like - 2	CER2.1P1	Y	Y	16	Devel	16	Devel	16	Devel	
	CER2.2P1	Y	Y	15	Devel	16	Devel	16	Devel	Compile HDF with TK 15, run with TK 16
	CER2.3P1	Y	Y	16	Devel	16	Devel	16	Devel	
	CER2.3P2	Y	Y	16	Devel	16	Devel	16	Devel	
	CER2.4P1	Y	Y	16	Devel	16	Devel	16	Devel	
ERBE-like - 3	CER3.1P1	Y	Y	16	Devel	16	Devel	16	Devel	
	CER3.2P1	Y	Y	16	Devel	16	Devel	16	Devel	

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	Y	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	SSI&T	16	N	N/A	SSI&T	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	SSI&T	16	N	N/A	SSI&T	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.1-4.2P5	N	Y	16	SSI&T	16	N	N/A	SSI&T	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	SSI&T	16	N	N/A	SSI&T	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	Devel	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	Y	16	Devel	16	Devel	16	Devel	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	Devel	Subset postproc for Terra and Aqua (Ed4 version of 2P2)
	CER4.5-6.2P4	N	Y	16	N	N/A	N	N/A	n/a	Ed3 daily post-processor
	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	Devel	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	Y	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	

Table 1: PGE Current Events Status Table

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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	
TISA Avg - 7.1	CER6.3P2	N	N	N/A	Devel	16	Devel	16	n/a	New PGE for Edition4
	CER7.1.1P1	N	Y	15	N	N/A	N	N/A	n/a	
SARB - 7.2	CER7.3.1P1	N	Y	16	Devel	16	N	N/A	Devel	New PGE for Edition3
	CER7.2.1P1	N	Y	16	N	N/A	Y	16	Y	P4 only Ed2 for now, X86 for Ed2 and Ed3
TISA Avg - 8	CER8.1P1	N	Y	15	Y	16	N	N/A	Y	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	SSI&T	16	N	N/A	SSI&T	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N	N/A	SSI&T	16	N	N/A	SSI&T	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	Y	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	Y	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	Y	16	N	N/A	N	N/A	n/a	New PGE for Edition3
TISA Avg - 10	CER10.0P1	N	Y	16	N	N/A	N	N/A	n/a	
	CER10.0P2	N	Y	16	N	N/A	N	N/A	n/a	
	CER10.0P3	N	Y	16	Devel	16	N	N/A	Devel	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	Y	16	Devel	16	Devel	16	N	
	CER11.2P2	N	Y	16	Devel	16	Devel	16	N	
	CER11.4P1	N	Y	16	Devel	16	Devel	16	N	
	CER11.6P1	N	Y	16	Devel	16	Devel	16	N	
	CER11.7P1	N	Y	16	Devel	16	Devel	16	N	
Regrid MOA - 12	CER12.1P1	Y	Y	16	Y	16	Y	16	Y	
	CER12.1P2	N	SSI&T	16	Y	16	Y	16	Y	

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
1/4/2011	CER12.1P1	Changed P4 status from "Y" to "SSI&T"
1/17/2011	CER7.3.1P1, CER10.0P3, CER7.2.1, CER10.0P1, CER10.0P2	Changed P4 status from "SSI&T" to "Y"
1/31/2011	CER7.3.1P1, CER10.0P3	Changed P4 and P6 statuses from "SSI&T" to "Devel"
2/16/2011	CER2.1P1, 2.2P1, 2.3P1, 2.3P1, 2.3P2 CER3.1P1, 3.2P1 CER4.1-4.1P6, 2P4, 2P5, 3P3 CER4.5-6.1P4, 1P5, 2P3, 4P2	Changed "new" Wrapper status from "N" to "Devel"
2/28/2011	CER1.1P8	Changed P6 and New Wrapper Status to "Y"
3/14/2011	CER4.1-4.1P6, 2P4, 2P5, 3P3	Changed P6 and New Wrapper Status to "SSI&T"
	CER7.3.1P1, CER10.0P3	Changed P6 and New Wrapper Status to "Devel"
	CER12.1P1, CER12.1P2	Changed P6, X86, and New Wrapper Status to "Devel"
3/28/2011	CER1.1P1,3,5, CER1.2P1, CER1.3P1,2,3	Changed X86 and New Wrapper Status from "Devel" to "ValRx"
	CER12.1P1, CER12.1P2	Changed P6, X86, and New Wrapper Status from "Devel" to "SSI&T"
4/4/2011	none	
4/26/2011	none	
5/9/2011	CER4.1-4.1P6, 2P4, 2P5, 3P3	Changed P6 and New Wrapper Status from "SSI&T" to "Devel"
	CER1.0P2, CER1.1P1,3,5, CER1.1P8	Changed P6, X86, and New Wrapper Status to "Devel"
	CER7.3.1P1, CER10.0P3	Changed P4 status from "Devel" to "SSI&T"
5/23/2011	CER1.1P1,3,5, CER1.1P8	Changed X86, and New Wrapper Status from "Devel" to "SSI&T"
6/6/2011	CER1.2P1, CER1.3P1,2,3	Changed X86, and New Wrapper Status from "ValRx" to "SSI&T"
	CER4.1-4.1P6, 2P4, 2P5, 3P3	Changed P6 and New Wrapper Status to "SSI&T"
6/20/2011	CER1.0P2	Changed P6, X86 and New Wrapper Status from "Devel" to "SSI&T"
	CER4.5-6.3P2,3, CER4.5-6.6P2,3	Disabled
7/5/2011	CER8.1P1	Changed P6 and New Wrapper Status from "SSI&T" to "Y"
	CER7.3P1, CER10.0P3	Changed P4 status from "SSI&T" to "Y"
7/18/2011	CER1.0P2, 1.2P1, 1.4P1, CER12.1P1,2	Changed P6, X86, and New Wrapper Status from "SSI&T" to "Y"
	CER1.1P8	Changed P6 and New Wrapper Status from "SSI&T" to "Y"
	CER1.1P1,3,5,7, 1.3P1,3	Changed X86 and New Wrapper Status from "SSI&T" to "Y"
	CER1.3P2	Changed X86 and New Wrapper Status from "SSI&T" to "Devel"

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
	CER4.5-6.3P2	Disabled	Probably not to be reactivated
	CER4.5-6.3P3	Disabled	Probably not to be reactivated
	CER4.5-6.6P2	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			