July 6, 2011 - System Issues and Status
Table 1: Process Strategy/Coleman as of 07/06/11
Active Requests in order of priority as of 07/05/11

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 16th 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

Table 1: Process Strategy/Coleman as of 07/06/11
Active Requests in order of priority as of 07/05/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 148-11 SCCR 849		CALIB	GGEOW	11.6P1	3/2010 – 12/2010	Ready Priority Level 1
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
PRs 179-10 thru 181-10 SCCR 789	Terra	Edition3A	SFC	9.2P2, 9.3P2 9.4P2	3/00 – 10/05	Ready Priority Level 1
PR 182-10 SCCR 794	Terra	Edition3A	SAH	5.0P2	3/00 – 10/05	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 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 2

Table 1: Process Strategy/Coleman as of 07/06/11
Active Requests in order of priority as of 07/05/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 173-10 SCCR 797	Merged	Edition3A	SYNI	7.2.1P1	7/10 – 12/10	HOLD- Production - Validation Priority 2
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 2
* 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	Ready – 4/05 thru 4/06 already processed Priority Level 2
PR 100-10 SCCR 794	FM3, FM4	Edition3A	SAH	5.0P2	7/02 – 3/05	Ready Priority Level 2
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

Table 1: Process Strategy/Coleman as of 07/06/11
Active Requests in order of priority as of 07/05/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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
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 1st 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
PR 138-11 SCCR 849		Edition2A	GGEOW	11.6P1	3/2000 – 10/2005	Complete. 6/21/11
137-11 SCCR 849		CALIB	GGEOW	11.6P1	11/2005 – 2/2010	Complete. 6/21/11

Table 1: Process Strategy/Coleman as of 07/06/11
Active Requests in order of priority as of 07/05/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 147-11 SCCR 727	FM4	Ed3-NoSW	SCCD/ SCCN	2.4P1	4/05 – 1/11	Complete. 6/22/11
PR 16-11 SCCR 747	FM5	PreLaunch		1.0P2	9/6/10 – 9/8/10	Complete
PR 33-11 SCCR 747	FM5	PreLaunch	BDS	1.1P8	9/6/10 – 9/8/10	Complete
PR 34-11 SCCR 747	FM5	PreLaunch	PRES8	1.2P1	9/6/10 – 9/8/10	Complete
PR 35-11 SCCR 734	FM5	Prelaunch	ES8	2.2P1	9/6/10 – 9/8/10	Complete
**** The PRs that follow are on HOLD. They cannot be processed until the necessary input data are available. ****						
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	Hold-Production-Input. FM3 Complete 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 2
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 2

Table 1: Process Strategy/Coleman as of 07/06/11
Active Requests in order of priority as of 07/05/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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 2
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 2
**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed pre-operational testing and been promoted ****						
PR 86-11 SCCR 842	NPP	ValR23		1.0P2	9/6/10 – 9/8/10	Hold. PreProduction – Promotion Priority 1
PR 87-11 SCCR 843	NPP	ValR23	BDS, IES	1.1P7	9/6/10 – 9/8/10	Hold. PreProduction – Promotion 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	Hold - PreProduction – Promotion Priority 1
PRs 92-11 thru 96-11, 99-11 thru 101-11, 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	Hold - PreProduction – Promotion Priority 1

Table 1: Process Strategy/Coleman as of 07/06/11
Active Requests in order of priority as of 07/05/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 97-11, 98-11 102-11, 103-11 SCCRs 756, 770	Terra Aqua	ValR23		1.4P1 1.4P2	3/00, 11/04, 4/09 9/02, 11/04, 4/09	Hold - PreProduction – Promotion Priority 1
PR 109-11 SCCR 842	NPP	ValR24		1.0P2	9/6/10 – 9/8/10	Hold. PreProduction – Promotion Priority 1
PR 110-11 SCCR 843	NPP	ValR24	BDS, IES	1.1P7	9/6/10 – 9/8/10	Hold. PreProduction – Promotion Priority 1
PRs 111-11, 112-11 SCCR 716	NPP	ValR24	BDS, IES	1.2P1, 1.3P1	9/6/10 – 9/8/10	Hold. PreProduction – Promotion Priority 1
PR 113-11 SCCR 756	NPP	ValR24	BDS, IES	1.4P1	9/6/10 – 9/8/10	Hold. PreProduction – Promotion Priority 1
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	Hold. PreProduction – Promotion Priority 1
PRs 117-11 thru 122-11, 125-11 thru 127-11, 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	Hold - PreProduction – Promotion Priority 1

Table 1: Process Strategy/Coleman as of 07/06/11
Active Requests in order of priority as of 07/05/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 123-11, 124-11 SCCR 756	Terra Aqua	ValR24		1.4P1	3/00, 11/04, 4/09 9/02, 11/04, 4/09	Hold - PreProduction – Promotion Priority 1
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 - PreProduction – Promotion Priority 1
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)	HOLD –PreProd- Waiting for Promotion Priority Level 2
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- Waiting for Promotion 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 191-10 190-10, 189-10 188-10 81-11 SCCR 795	Merged	Edition3A	SYN1deg-3Hour/ M3Hour/ Month	8.1P1	7/02 – 4/06 1/06, 5/06 – 12/07 12/07 – 6/10 7/10 – 12/10	HOLD –PreProd - Waiting for Promotion Priority Level 3
PRs 16-10 SCCR 749	CERES	ValR4x86-Ed3	MOA	12.1P2	7/04	HOLD –PreProd - Waiting for Promotion Priority Level 2

Table 1: Process Strategy/Coleman as of 07/06/11
Active Requests in order of priority as of 07/05/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 15-10 SCCR 749	CERES	ValR4p6-Ed3	MOA	12.1P2	7/04	HOLD – PreProd-Waiting for Promotion Priority Level 2
PR 37-10 SCCR 749	CERES	ValR4x86-Ed2	MOA	12.1P1	7/04	HOLD –PreProd-Waiting for Promotion Priority Level 2
PR 36-10 SCCR 749	CERES	ValR4p6-Ed2	MOA	12.1P1	7/04	HOLD –PreProd-Waiting for Promotion Priority Level 2
PR 6-11 SCCR 749	CERES		MOA	12.1P2	2/28/2000 – 3/1/2010	HOLD –PreProd-Waiting for Promotion Priority Level 2
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
**** 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	

Table 1: Process Strategy/Coleman as of 07/06/11
Active Requests in order of priority as of 07/05/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
	FM1 FM2	Beta1-Ed4	SSF	Inversion		
	FM3 FM4	Beta1-Ed4	SSF	Inversion		

Table 2. July 6, 2011 - System Issues and Status

Activity	Lead	Status
SEC	Miller	• Nothing to report. (Miller)
CM/Docu-mentation	Ayers (Saunders)	• 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 – Installed, compiled, and tested Instrument on *AMI-P-x86*, and released it to the ASDC on June 24. (Ayers) • SCCR 853 – Installed this GGEO delta delivery on *magneto-P4*, and released it to the ASDC on July 1. (Saunders) • SCCR 809 – Testing on *AMI-P-P6*. (Ayers)
AMI Job Submission Scripts – Phase 1	Ayers (Grepiotis)	• Development continues on the scripts for upcoming deliveries. (Grepiotis, 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	*AMI-P6*
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.			*AMI-P6*
ERBE-like (SCCR 740)	June 24	July 8	July 15	Delivery of all ERBE-like PGEs to *AMI*. (**Edition2/Edition3**)			*AMI-P6*
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.			*AMI-P6*
Instrument	July 15	July 29	August 5	Update to use Toolkit time conversion routines and fix issues discovered in NCT 4.			*AMI-P6 & AMI-x86*
Instrument	July 29	August 12	August 19	Redelivery of PGE CER4.1P2.			*AMI-P6 & AMI-x86*
Perl_Lib (SCCR 846)	July 29	August 12	August 19				*AMI-P6 & AMI-x86*
Instantaneous SARB		Spring		**Beta1-Edition4** CRS.			*AMI-P6 & AMI-x86*

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)
GGEO		Summer		**Beta1-Edition4** GGEO delivery.			*AMI-P6*
Instrument (SCCR 641)		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	*magneto-P4*

SCF Processing

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

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 June 19 at 3:30 p.m. – July 5 at 2:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
770		X				Instrument	16	
795				X		TISA Averaging		
838				X		Instrument		
842				X		Instrument		
845				X		CERESlib		
850				X		SARB		
852	X					Instrument	19	
853	X		X			GGEO	20	

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: 03/26/2010   SCCR Number: 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

Date: 04/06/2010   Status: Approved

Originator: MAGILL, BRIAN E.   (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 770:
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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):
Added Perl Scripts to run C++ Gain Analyzer using Sun Grid Engine
(SGE)

Reason for Change (non-Science):
C++ Gain Analyzer will not work with SGE using current Perl scripts

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

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem: CER1.4P1

Estimated Time to Complete Change: 2 weeks
Planned Delivery Date: July 2, 2010
List Affected Subsystems and PGE Names: CER1.3P1 -- to be retired

Date & Time: 2010-07-06 17:09:21

Originator: MAGILL, BRIAN E.   (SSAI)

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Parameter Change: ( ) YES (X) NO

Description of Change (Science):
Reqt. 1-28: Add the new ramp up gain determination algorithm to the PGE.

Reason for Change (Science):
Reqt. 1-28: The new ramp up algorithm is used to determine
Edition3 gains. This algorithm is currently being run off-line at the SCF, but it has been requested
by Kory Priestley that it be added to the production code to eliminate the manual effort.

Description of Change (non-Science):
Reqt. 1-28: Update the scripts to handle new output data files.

Reason for Change (non-Science):
Reqt. 1-28: The new algorithm results will be written to separate output files to allow us to run both
gain determination algorithms within this code.

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: 1 month
Planned Delivery Date: Aug. 12, 2011
List Affected Subsystems and PGE Names: Instrument CER1.4P2

Date & Time: 2011-07-01 10:24:26

Originator: COOPER, DENISE L.   (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Instrument   SCCR Date & TIME: 2011-06-20 17:01:51   SCCR No.: 852

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
Reqt. 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):
Reqt. 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

Originator: COOPER, DENISE L.   (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: GGEO   SCCR Date & TIME: 2011-06-30 13:35:50   SCCR No.: 853

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
Requirement # : 11.6-33
Delta delivery
Ascii input files to process 03/2010 - 12/2010 GGEO files through PGE CER11.6P1 to create
GGEOW files on P4.
Note: In previous SCCRs, the ascii files were listed as a non-science change. However, since the
process affect the data on the output files, updates/modifications to the ascii files will be listed as a
science change from now on.

Reason for Change (Science):
Requirement #: 11.6-33
Delta delivery
Bad scan data that was found on to GGEO files will be set to defaults and create GGEOW output.

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:
N/A

Estimated Time to Complete Change: Completed
Planned Delivery Date: June 30, 2011
List Affected Subsystems and PGE Names: TISA Averaging: SS10, SS7.1

Originator: RAJU, RAJA   (SSAI)

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

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Grepiotis)	• Nothing new to report. (Hillyer)	
CERES-lib	Grepiotis (Hillyer)	• Installed H4H5Tools on *AMI* to handle HDF4/HDF5/NetCDF-4 conversions. Added "$H4H5TOOLS" environment variable to reference directory containing h5toh4 and h4toh5 executables. (Hillyer)	
Perl_Lib	Hillyer (Grepiotis)	• SCCR 851 - Removed 'Log::Summary' addendum from SCCR. Updates for 'Log::Summary' will be included in a future SCCR. (Hillyer)	
1.0	Cooper (Grepiotis)	• SCCR 838 – In SIT at the ASDC. (Timcoe, Grepiotis) • SCCR 842 – In SIT at the ASDC. (Spivak, Hillyer) • SCCR 843 – In CERES CM testing. An update to this code has been completed and tested and will be delivered after NCT 4. (Cooper, Timcoe, Grepiotis) • SCCR 770 – In SIT at the ASDC. This SCCR has been recalled to allow the addition of a new gain determination algorithm to be added before NPP launch. The update should be delivered after NCT 4. (Cooper)	
2.0	Walikainen (Lande)	• Updated PR workbook to reflect completion of NTC3, ValR17 cancellation, and current TK/platform/SCCR columns for subsystems 1.0/2.0/3.0. Fixed issues found by Angel with 1.0P2/1.1P7/1.1P8 in ValRs 23/24. Fixed typos in processing priorities document. (Lande) • Sent Web space/link request and received reply from Ben Loyall via RT ticket #21869. Waiting for reply on space available for ERBE-like Web products on WWW CVFS. (Lande) • Recompiled and successfully ran inv.exe portion of CER2.2P1 on *AMI-x86* using F90SWAP in inv makefile. Using GFORTRAN_CONVERT_UNIT instead, only plot_es8 fails. Obtained account on asdcsm1 via RT ticket #21868. (Lande)	

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

SS No.	SS Lead	Status	Problems
2.0 (Cont'd)	Walikainen (Lande)	• SCCR-740 - Updated src tar file and TestPlan doc to avoid redefinition of CERESHOME to ERBELIKEHOME during PGE compilations. Sent RT ticket #21980 to obtain *AMI-P-P6* account. (Lande) • SCCR-740 - CER2.1P1 compiled and ran successfully on *AMI-P-P6*. CER2.4P1 SGE upgrade continues. (Walikainen, Grepiotis)	
3.0	Walikainen (Lande)	• Combined with above.	
4.1	Sun-Mack (Brown)	• SSF data for Aqua Edition1-CV and Terra Edition1-CV were processed for 201101 through 201103. Global images and statistics were posted on the Web. (R. Brown) • QC global images and statistics were produced for seasonal, annual and multi-annual Terra Edition2 and for Aqua Edition1 data. Monthly results for 201101 - 201103 for Terra Edition2B-QC and Aqua Edition1C were also produced. QC global images and statistics for Ed4.2 were processed as well as differences with Edition2 for 200807. Results were posted on the Web. (R. Brown) • Worked with the S'COOL Team in trying to get RegionFinder Code to compile correctly on *AMI-P*. (R. Brown) • Zonal Time Series Code was written and Time Series data files were produced for Terra Edition2 and Aqua Edition1. (R. Brown) • Nearly completed the new GUI interface to the DX difference package utilized for batch runs. (Gibson) • Nearly completed the updates to the difference package for the phase parameter. (Gibson) • Began implementation of these items within the development of a new 24 hour composite product. (Gibson) • SCCR 809 - Created and moved tar files for Clouds Edition 4 delivery. (Smith)	

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

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	• Completed post-processing code to create GEWEX data plots. (Smith) • Began work on post-processing code to create GEWEX histogram and multi-team plots. (Smith) • Fix problems in PCF generator script to handle the first and last day of the month. Regenerated NEWS products for these days in 2006, 2007, 2008, 2009 and 2010. Reprocessed August of 2006 data for the NEWS products to include CloudSat CWC-RD. (Chen) • Preparing the Poster of Clear-Sky Narrowband Albedo Datasets Derived from MODIS Data for the meeting (ISLSaRS) in Lanzhou, China. (Chen) • With the latest delivered Clouds code, a month of Aqua 200807. The processed data was passed on to later subsystems: surface group and SARB group. (Sun-Mack) • Worked on the talk for ISLSaRS conference. Did particle size comparisons between various bands, validations between CERES and CALIPSO, and examples of all parameters new for Ed4. (Sun-Mack) • Attended ISLSaRS in Lanzhou, China. My talk was the first one on the first day and it was well received. Most of the people from LanZhou University who attended the meeting use SSF, so they were very interested in new cloud properties in CERES Ed4. (Sun-Mack)	
4.2	Sun-Mack	• Combined with above.	
4.3	Sun-Mack	• Combined with above.	
4.4	Miller (Antropov)	• Started adding code to select pixels for NESDIS aerosol algorithm using AVHRR NOAA-9 data. (Miller) • Modified inversion PCF generator to process ERBE data including new data structure. (Miller) • Updated inversion code to process ERBE data mostly changes from window to longwave. (Miller)	

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

SS No.	SS Lead	Status	Problems
4.4 (Cont'd)	Miller (Antropov)	• Updated HDF file names for ERBE data and create test file. (Miller) • Worked on the program for new GRing construction algorithm - introduced new coordinate change, improved 3D TecPlot output. (Antropov) (Edition4)	
4.5	Sothcott	• No report received.	
4.6	Sothcott	• Combined with above.	
5.0	Caldwell (Coleman)	• Continuing development of Edition4 CRS. (Caldwell)	
7.2	Caldwell (Coleman)	• No new updates. (Caldwell)	
12.0	Caldwell (Coleman)	• Ran Edition2 MOA data using MERRA inputs requested by ERBE processing. (Caldwell)	
7.1	Nguyen (Lock)	• Provided Terra, Aqua, merged Terra-Aqua nonGGEO and with GGEO TSI input data to run SYN. (Nguyen) • Committed the new code in subversion. (Nguyen)	
8.0	Nguyen (Lock)	• Ran SYN with the above TSI data for Michele Nordeen to compare with GERB data. (Nguyen)	
10.0	Nguyen (Lock)	• Updated SYN 1Deg code to change the average of all-sky LW fluxes as requested by Dave Doelling. Reran 10 years of Terra and 8 years of Aqua SYN 1Deg for the ordering tools group to plot. (Nguyen) • Reran the 10 years Terra EBAF data for Norman Loeb with the recent updated code. (Nguyen) • Cristian Mitrescu found the high WN and LW fluxes in January 2008 Aqua SYN. The problem is due to the low IR in GGEO data. Waiting for Doelling to decide how to solve this issue. (Nguyen)	
6.0	Raju (Nguyen)	• No new updates. (Raju)	

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

SS No.	SS Lead	Status	Problems
9.0	Raju (Nguyen)	• The validation portion of the CER9.5 code will now include 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) • SCCR 763 – No update on the delivery date. Moguo Sun is on vacation and waiting for his approval. (Raju) • Compiled ISCCP-D2like-Mrg software on *x86* successfully. October 2010 SSF data was processed through PGE 9.0P2 as a test case and started comparing the results with the outputs generated on *P6*. (Raju) • Continuing to work on the creation of NB to BB coefficients (PGE 1) and creating HDF output files (PGE 3). (Syed)	
11.0	Raju (Nguyen)	• SCCR 853 - Delta delivery. Delivered Ascii inputs to CERES CM to process 03/2010 – 12/2010 GGEO files through PGE 11.6P1 and create GGEOW. (Raju) • Modified PGE 11.6P1 (weeder) program to work for 1-Hourly process. Ran July 2004 1-Hourly GGEO through the program and created GGEOW for TSI process. (Raju) • Tried reading GGEO files in *x86* environment and found problems. Trying to resolve this issue since this product is a required input to several TISA PGEs. (Raju) • Work continued on Ron Parrish's updates to GGEO software. (Raju)	

Table 7. July 6, 2011 – DM Tasks

Activity	Status
Production Processing Database/ Automation (Coleman)	• Continued development of the PR Tool: Created prototype interface for approval/rejection process and modified search page to allow the user to choose to modify the PR's status/priority. (Heckert) • Created a tool to look up CC codes by date range, product, production strategy, sampling strategy, etc. (located on science-dev) (Heckert) • Working with ASDC Ops to define what the Web displays for job submittal should like. (Key, Byrd) • Added older GGEO and GGEOW filenames to Production Monitoring Database so that the CC number lookup tool can display them. (Grune) • Preparing documentation on database for granular-level processing status (aka the logging database). (Coleman) • Assigning order for the display in the Web interface results page for PR for PGEs within a subsystem. (Coleman)
Ordering Tool (Kizer)	• Successfully tested and delivered CERES Ordering Tool Release 2.0.1 on June 26th. Changes include; splitting output files into monthly or yearly files, database optimization, stream-line data ordering, and several bug fixes. (Chu, Mitrescu) • Working with Jerry Potter, PCMDI, to deliver EBAF data into the correct format for placing files on the Earth System Grid (ESG) node. (Mitrescu, Kizer)

Table 8. July 6, 2011 – NPP Issues

Activity	Status
FM5	• Supporting NCT 4 rehearsals as necessary. Updated the CER1.0P2 code to use the Toolkit time routines, using the NCT 4 rehearsal to test these updates. The updated code will be delivered after NCT 4 is complete. (Spivak) • Working to create a document to support a launch readiness review for CERES on NPP. (Instrument WG) • Attended NPP Flight Operations Review. (Miller)

Table 1: PGE Current Events Status Table

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	SSI&T	16	SSI&T	16	SSI&T	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	Y	16	SSI&T	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	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

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/SOFA 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 *magneto*
	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

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	Y	16	Devel	16	N	N/A	Devel	New PGE for Edition3
SARB - 7.2	CER7.2.1P1	N	Y	16	N	N/A	SSI&T	16	SSI&T	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

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
					Status of PGEs on Each Platform and TK Version used for Compilation[1,2]				Status of Misc. Item(s)	
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	SSI&T	16	SSI&T	16	SSI&T	
	CER12.1P2	N	SSI&T	16	SSI&T	16	SSI&T	16	SSI&T	

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	SGI		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"

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
	CER4.5-6.6P3	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			