August 3, 2011 - System Issues and Status
Table 1: Process Strategy/Coleman as of 08/03/11
Active Requests in order of priority as of 08/02/11

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 3-11 SCCR 858	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	New PR for AMI processing
PR M 2-11 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	New PR to coordinate with new standing PR M 3-11
PR M 1-11 SCCR 830	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	Closed, 8/1/11
PR M 1-10 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	Closed. 8/1/11

Table 1: Process Strategy/Coleman as of 08/03/11
Active Requests in order of priority as of 08/02/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
The PRs that follow are the Non-Standing PRs that can be processed						
PR 149-11 SCCR 842	FM5	PreLaunch-NCT4		1.0P2	9/6/10 – 9/13/10	In progress Priority Level 1
PR 150-11 SCCR 838	FM5	PreLaunch-NCT4	BDS	1.1P8	9/6/10 – 9/13/10	In progress Priority Level 1
PR 151-11 SCCR 848	FM5	PreLaunch-NCT4	BDSS	1.2P1	9/6/10 – 9/13/10	In progress Priority Level 1
PR 152-11 SCCR 756	FM5	PreLaunch-NCT4	BDSI	1.4P1	9/6/10 – 9/13/10	In progress Priority Level 1
PR 153-11 SCCR 770	FM5	PreLaunch-NCT4	ES8	2.2P1	9/6/10 – 9/13/10	In progress Priority Level 1
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
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 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	In progress Priority 1

Table 1: Process Strategy/Coleman as of 08/03/11
Active Requests in order of priority as of 08/02/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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 91-11 154-11 thru 158-11 SCCR 838	NPP Terra Aqua TRMM	ValR23	BDS, IES	1.1P8	9/6/10 – 9/8/10 3/00, 11/04, 4/09 9/02, 11/04, 4/09 and other selected months	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
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

Table 1: Process Strategy/Coleman as of 08/03/11
Active Requests in order of priority as of 08/02/11

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	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 179-10 thru181-10 SCCR 789	Terra	Edition3A	SFC	9.2P2, 9.3P2 9.4P2	3/00 – 10/05	Ready Priority Level 2
PRs 164-11 thru 166-11	Terra	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	1/06, 5/06, 6/06	Ready Priority Level 2
PRs 161-11 thru 163-11	Terra	Edition3A	SFC	9.2P2, 9.3P2 9.4P2	1/06, 5/06, 6/06	Ready Priority Level 2
PR 160-11 SCCR 833	Terra-Aqua	Edition3A	(pre)TSI	10.0P3	1/06, 5/06, 6/06	Ready Priority Level 2
PRs 168-11 SCCR 833	Terra-Aqua	Edition3A	(pre)TSI	10.0P3	3/10 – 6/10	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

Table 1: Process Strategy/Coleman as of 08/03/11
Active Requests in order of priority as of 08/02/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 68-11 SCCR 794	FM3 FM4	Edition3A	SAH	5.0P2	3/10 – 6/10	3 / In Progress. FM3 Complete Priority Level 2
PR 66-11 SCCR 794	FM3 FM4	Edition3A	SAH	5.0P2	7/10 – ~~11/10~~ 12/10	Ready Priority Level 2
PR 83-11 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	7/10 – 12/10	Ready Priority 2
PR 164-10 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	12/07 – 2 ~~6~~/10	Ready Priority 2
PR 167-11 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	3/10 – 6/10	Ready Priority Level 2
PR 159-11 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	1/06, 5/06, 6/06	Ready Priority Level 2
PR 165-10 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	7/06 – 7/12	Ready Priority Level 3
PR 173-10 SCCR 797	Terra-Aqua	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
PR 6-11 SCCR 749	CERES	GMAO-G541-Ed4	MOA	12.1P2	2/28/2000 – 3/1/2010	Ready Priority Level 3

Table 1: Process Strategy/Coleman as of 08/03/11
Active Requests in order of priority as of 08/02/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
* 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
PR 169-10 SCCR 833	Terra-Aqua	Edition3A	(pre)TSI	10.0P3	7/02 – 4/06	Ready Priority 3
PR 166-10 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	7/02 – 4/06	Ready Priority Level 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
PRs 9-10 thru 10-10 SCCR 650	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	3/2000 – 10/05	Ready. Priority Level 3

Table 1: Process Strategy/Coleman as of 08/03/11
Active Requests in order of priority as of 08/02/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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
PRs 16-10 SCCR 749	CERES	ValR4x86-Ed3	MOA	12.1P2	7/04	Complete. 7/14/11
PR 15-10 SCCR 749	CERES	ValR4p6-Ed3	MOA	12.1P2	7/04	Complete. 7/14/11
PR 37-10 SCCR 749	CERES	ValR4x86-Ed2	MOA	12.1P1	7/04	Complete. 7/14/11
PR 36-10 SCCR 749	CERES	ValR4p6-Ed2	MOA	12.1P1	7/04	Complete. 7/14/11
PR 168-10 SCCR 833	Terra-Aqua	Edition3A	TSI	10.0P3	7/06 – 12/07	Complete. 7/21/11
PR 84-11 SCCR 833	Terra-Aqua	Edition3A	TSI	10.0P3	12/07 – 2/10	Complete. 7/22/11
PRs 167-11 SCCR 833	Terra-Aqua	Edition3A	TSI	10.0P3	3/10 – 6/10	Complete. 7/23/11
PR 148-11 SCCR 849		CALIB	GGEOW	11.6P1	3/2010 – 12/2010	Complete. 7/28/11

Table 1: Process Strategy/Coleman as of 08/03/11
Active Requests in order of priority as of 08/02/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
**** The PRs that follow are on HOLD. They cannot be processed until the necessary input data are available. ****						
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
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

Table 1: Process Strategy/Coleman as of 08/03/11
Active Requests in order of priority as of 08/02/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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
**** 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. August 3, 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 857 – Installed this Instrument delta delivery on *AMI-P*, and released it to the ASDC on July 22. (Ayers) • SCCR 858 – Installed this MOA delta delivery on *AMI-P*, and released it to the ASDC on July 27. (Ayers) • SCCR 861 – Installed this TISA Averaging delta delivery on *magneto*, and released it to the ASDC on July 27. (Ayers) • SCCR 740 – Installed and compiled ERBE-like on *AMI-P-P6*. Running the test cases from the Test Plan. (Ayers) • SCCR 740 – Formatted the updated ERBE-like Test Plan and provided it to CM to use for testing. (Saunders) • SCCR 740 – Formatting the updated ERBE-like Operator's Manuals. (Saunders)
AMI Job Submission Scripts – Phase 1	Ayers (Grepiotis)	• Development continues on the scripts for upcoming deliveries. (Grepiotis, Hillyer)

Table 3. CERES Subsystem Delivery Schedule – August 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*
ERBE-like (SCCR 740)	July 15	July 29 In CM Queue	August 5	Delivery of all ERBE-like PGEs to *AMI*. (**Edition2/Edition3**)			*AMI-P6*
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.			*AMI-P6 & AMI-x86*
Instrument (SCCR 770)	July 29	August 12	August 19	Redelivery of PGE CER1.4P2.			*AMI-P6 & AMI-x86*
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.			*AMI-P6*
Perl_Lib (SCCR 846)	August 5	August 19	August 26				*AMI-P6 & AMI-x86*
Inversion (SCCR 814)	August 5	August 19	August 26	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*
Instantaneous SARB		Spring		**Beta1-Edition4** CRS.			*AMI-P6 & AMI-x86*

Table 3. CERES Subsystem Delivery Schedule – August 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 – August 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 19 at 6:00 p.m. – August 3 at 12:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
846		X				Perl_Lib	15	
855			X			Instrument		
856			X			Instrument		
857	X		X	X		Instrument	17	
858	X		X	X		MOA	18	
859	X	X				CERESlib	19	
860	X		X			TISA Averaging	22	
861	X		X	X		TISA Averaging	23	
862	X					Inversion	24	

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

CERES Software Configuration Change Request Submittal

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Subsystem: Perl_Lib   SCCR Date: 04/26/2011   SCCR Number: 846

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
Adding 'Toolkit::PCF', 'Log::PCF' modules to Perl_Lib to handle future PCF and PCF Log file generation and reading.

Adding 'Log::Client' module to Perl_Lib to handle communication with the logging server.

Adding 'SGE::QStat' module to parse information retrieved from Sun Grid Engine's qstat.

Updating 'Log::Summary' module to provide accessor methods for retrieving instance specific information from the Summary file/object.

Reason for Change (non-Science):
Shortcomings have been identified with the 'Pcf' module that can potentially cause issues or difficulties when producing PCF and PCF log files. 'Toolkit::PCF' is an object-oriented implementation of PCF creation and reading routines that is easier to test and extend as new functionality needs to be added.
 The existing 'Pcf.pm' Perl_Lib module will remain intact.

To support the logging requirement of the optimization effort, routines will be added to Perl_Lib in the 'Log::Client' module that will communicate logging information to the log server via several Remote Procedure Calls (RPCs).

To collect SGE status and utilization information, the 'SGE::QStat' module will parse and provide SGE information in a format native to Perl allowing utilities to be more easily created for monitoring SGE.

The 'Log::Summary' module will be updated to provide accessor methods to retrieve information found in summary files. These routines can be used to write utility programs that can monitor and manipulate batch jobs launched using the AMI Job Submission 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: N/A

Estimated Time to Complete Change: 2 Weeks
Planned Delivery Date: 5/13/2011
List Affected Subsystems and PGE Names: All

Date: 05/17/2011   Status: Approved

Originator: HILLYER, THOMAS N.   (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 846:
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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):
Adding CERES::ExitCodes module to support CERES exit codes in Perl scripting.

Reason for Change (non-Science):
Creating Perl routines to access CERES exit codes introduced in CERESlib SCCR 859.

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

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem: N/A

Estimated Time to Complete Change: 2 Weeks
Planned Delivery Date: 8/5/2011
List Affected Subsystems and PGE Names: All

Date & Time: 2011-07-25 14:25:44

Originator: HILLYER, THOMAS N.   (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Instrument   SCCR Date & TIME: 2011-07-22 15:08:00   SCCR No.: 857

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
Reqt. 1-47: Move ED environment variable to the CER1.3P3 hash table.

Reason for Change (Science):
Reqt. 1-47: The ED environment variable, which tells the PGE which edition of the data product to create, is not being passed to the Launch script, because environment variables do not persist in Perl. The fix will move the ED variable to the PGE specific hash so the variable is available to the Launch script.

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: CER1.3P3

Estimated Time to Complete Change: 1 hr
Planned Delivery Date : 07/22/2011
List Affected Subsystems and PGE Names: Instrument CER1.3P3

Originator: COOPER, DENISE L.   (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: MOA   SCCR Date & TIME: 2011-07-22 15:18:34   SCCR No.: 858

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
(Req# 12-3.3)
Correction to CER12_1P1_FileUtils.pm script for PGE 12.1P1 on AMI.

Reason for Change (non-Science):
(Req# 12-3.3)
The script was using the wrong ozone input directory for March 1, 2000.

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: 12.1P1

Estimated Time to Complete Change: 1 day
Planned Delivery Date: July 25, 2011
List Affected Subsystems and PGE Names: RegridMOA 12.1P1

Originator: CALDWELL, THOMAS E.   (SSAI)

CERES Software Configuration Change Request Submittal

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

Subsystem: CERESlib   SCCR Date & TIME: 2011-07-22 16:49:50   SCCR No.: 859

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
Adding an XML list of standardized CERES exit codes in CERESlib.
The list will be accessible via new C/C++/Fortran-90 subroutines to make the exit codes accessible
by CERES PGEs. These exit codes will also be used by the AMI Job Submission Scripts via
Perl_Lib accessor routines.

Reason for Change (non-Science):
Creating a standardized list of exit codes for CERES PGEs.

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

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem: N/A

Estimated Time to Complete Change: 2 Weeks
Planned Delivery Date: 8/5/2011
List Affected Subsystems and PGE Names: All

Originator: HILLYER, THOMAS N.   (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 859:
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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):
Swapping the source of the host name of the execution blade from the $HOST environment variable to the $HOSTNAME variable that appears to be more consistently set on AMI for CERES metadata. Swapping the source of the OS type of the execution blade on AMI from the $OSTYPE environment variable to a statically assigned value that will be set during CERESlib's compilation for CERES metadata.

Reason for Change (non-Science):
CERESlib meta_write.f90's "SetMeta" routine is not correctly recording the host name and OS type of the execution host on AMI.
 This occurs on blades that are not assigning the $HOST and $OSTYPE environment variables in the remote execution session, respectively.

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

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem: All AMI PGEs

Estimated Time to Complete Change: 1 Day
Planned Delivery Date: 8/5/2011
List Affected Subsystems and PGE Names: All AMI PGEs

Date & Time: 2011-08-01 17:50:52

Originator: HILLYER, THOMAS N.   (SSAI)

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Parameter Change: ( ) YES (X) NO

Description of Change (Science):
Refer to SCCR 862.

Reason for Change (Science):
Refer to SCCR 862.

Description of Change (non-Science):
This change will implement the Edition4 updates received from Inversion into the AMI and Magneto versions of CERESlib. Refer to SCCR 862.

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: 2 Days
Planned Delivery Date: 8/12/2011
List Affected Subsystems and PGE Names: Inversion CER4.5-6.1P4 and CER4.5-6.1P5

Date & Time: 2011-08-03 09:57:17

Originator: HILLYER, THOMAS N.   (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: TISAavg10.0   SCCR Date & TIME: 2011-07-26 08:23:55   SCCR No.: 860

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
Req#10-38: Deliver code, scripts and Edition2.6 SSF 1-deg and SYN 1-deg data products for archival purpose.

Reason for Change (Science):
TISA science members have requested

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: CER10.1P1, CER10.1P2

Estimated Time to Complete Change: 2 weeks
Planned Delivery Date: August 12, 2011
List Affected Subsystems and PGE Names: N/A

Originator: NGUYEN, CATHY   (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: TISAavg10.0   SCCR Date & TIME: 2011-07-27 11:29:56   SCCR No.: 861

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
Req# 10-39
Delta Delivery
Updated the SORCE TSI ancillary data file to correct the "zero" daily mean Total Solar Irradiances
from September through December 2010.

Reason for Change (Science):
Req# 10-39
Delta Delivery
The "zero" TSI caused errors in processing CER10.0P3 and CER7.3.1P1.

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: CER10.0P3 and CER7.3.1P1

Estimated Time to Complete Change: One hour
Planned Delivery Date: July 27, 2011
List Affected Subsystems and PGE Names: None

Originator: NGUYEN, CATHY   (SSAI)

CERES Software Configuration Change Request Submittal

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

Subsystem: Inversion   SCCR Date & TIME: 2011-08-03 09:45:02   SCCR No.: 862

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
Inversion requirement: 4.5-39
Update Surface algorithm for CERESlib Edition4:
 surf_sw_model_b

Update surface typdefs for CERESlib Edition4:
surf_typdef

Reason for Change (Science):
Implement updated SWB model with new ancillary files.

Description of Change (non-Science):
None.

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:
CER4.5-6.1P4 and CER4.5-6.1P5

Estimated Time to Complete Change: 2 days
Planned Delivery Date: August 5, 2011
List Affected Subsystems and PGE Names: Inversion CER4.5-6.1P4 and CER4.5-6.1P5

Originator: SOTHCOTT, VICTOR E.   (SSAI)

Table 6. August 3, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Grepiotis)	• Nothing to report. (Hillyer)	
CERES-lib	Grepiotis (Hillyer)	• SCCR 859 – Adding exit code library routines to access standard CERES exit code list. Fixing issue with missing OS type and host name in metadata routines. (Hillyer)	
Perl_Lib	Hillyer (Grepiotis)	• SCCR 846 – Adding utility scripts for simple job chaining. Updated summary log module to fix issue with the reader. Added accessor routines for CERES exit codes that will be delivered with SCCR 859. (Hillyer)	
CERES Proc. System	Hillyer (Grepiotis)	• Designed command set to interact with the processing system. (Hillyer) • Designing job status broadcasting system. (Hillyer)	
1.0	Cooper (Grepiotis)	• SCCR 770 – Continued looking for the Ada/C++ differences in the original gain determination algorithm. Continued working on incorporating the new Edition3 algorithm to the C++ PGE. (Cooper, Hess, Magill, Timcoe) • SCCR 856 – 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. The update will be delivered after NCT4 completes. (Cooper, Grepiotis) • SCCR 855 – The update to have the PGE use the Toolkit provided time routines is scheduled for Aug. 5, after the completion of NCT4. (Cooper, Spivak) • Running and comparing data for validating CER1.1P8 for TRMM/Terra/Aqua. Some of this data will be run in ValR testing, while the remaining test months will be run at the SCF. Problems comparing the data have occurred due to the differences on how the data was run on the SGI platform vs. the newer *P6* platform. These differences are due to missing previous/next data	

Table 6. August 3, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
1.0 (Cont'd)	Cooper (Grepiotis)	date not being staged for the SGI runs. This appears to only be an issue early in the mission; however, it makes validation efforts more cumbersome. (Cooper, Hess, Thomas)	
2.0	Walikainen (Lande)	• SCCR-740 - Completed testing and debugging and delivered all ERBE-like PGEs for production on *AMI-P-P6* processors in the form of src/anc/data tar files with updated documentation (delivery memos, list files, Test Plan, and Ops Mans). Involved re-generating all expected data with current version of Cereslib on *AMI* as well as going through Test Plan procedures to verify functionality of scripts and codes. (Lande & Walikainen) • SCCR-740 - Fixed, tested, and re-delivered anc and src tar files to fix issues with ancilliary and out_comp data directories (and ES8 plots) in initial delivery on 7/27. Also re-delivered corrected Delivery Memo and Test Plan documents. (Lande and Walikainen).	
3.0	Walikainen (Lande)	• Combined with above.	
4.1	Sun-Mack (Brown)	• Continued working on development of PR tool, in particular, Admin tools to allow the addition/update of various menus in the PR Tool and assigning relationships between PGEs and other items (sampling strategies, production strategies, etc). (Heckert) • Added error handling to the Product Availability tool in case of database down time. (Heckert) • Recovery efforts were made to recover lost data from the *AMI*/SCF2 disk crash. (R. Brown) • QC global images and statistics were processed for FLASHFlux data for Terra and Aqua from 201105 through 201106. Results were posted on the Web. (R. Brown) • Completed a first pass version of a new DX package which creates a 24 hour CloudVis data product for night and for day. More work is necessary on the display of the entire data set as memory limitations have been encountered. Previous work on a gui-less	

Table 6. August 3, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	interface has been incorporated into the new package. (Gibson) • Wrote GEWEX multi-team plotting program in idl to plot monthly value comparisons and to plot map comparisons on *wbs128*. (Smith) • Initiated plans to make Web utility for GEWEX comparisons. (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. Plan to do this with a script in the next delivery. • Considered change to 1P6-2P5 processing to always process 2P5 regardless of 1P6 error codes but still terminate if 1P6 successes are considered inadequate. (Smith, Hillyer, Sun-Mack) • Recovered the files lost during the SCF2 disk crash needed for reprocessing NEWS products. Re-staged CloudSat and MAC data after the SCF2 disk crash. Started to process the NEWS products again. (Chen) • Re-processed July, August, September, and October of 2006 NEWS products. (Chen) • Worked on recovery of Clouds scripts and ancillary database. (Sun-Mack) • Re-strated processing 1 year of Terra data on the SCF for ADM group. Months of September and October were completed. (Sun-Mack) • Working on the 3rd paper of Clouds Edition 2 Clear Sky Narrowband Albedo Variations Derived From VIRS and MODIS Data. (Sun-Mack) • Worked on CERES and AVHRR comparisons. (Sun-Mack.)	
4.2	Sun-Mack	• Combined with above.	
4.3	Sun-Mack	• Combined with above.	
4.4	Miller (Antropov)	• Produced five days of ERBE CERES-like SSF data for NCDC meeting. (Miller) • Added imager pixels screening for adjacent clouds and radiance uniformity before using in radiance algorithm. (Miller) • Responded to questions on using SSF Subset and cryosphere ADMs. (Miller)	

Table 6. August 3, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.4 (Cont'd)	Miller (Antropov)	• Compiled and ran convolution program on *x86* using GFortran. (Antropov)	
4.5	Sothcott	• Recovered lost and corrupt files for the Edition4 delivery from personal backup sources. (Sothcott) • Reprocessed 9/2000 data for use by the ADM and SOFA working groups. Will continue to process the remainder of the year when the data is available. (Sothcott) • Installed and tested new SWB model update and ancillary files to go with the update. Analysis of the results are ongoing. (Sothcott) • Have received most of the scripts and I am starting to test with them. (Sothcott)	
4.6	Sothcott	• Combined with above.	
5.0	Caldwell (Coleman)	• Nothing new to report. (Caldwell)	
7.2	Caldwell (Coleman)	• Nothing new to report. (Caldwell)	
12.0	Caldwell (Coleman)	• Continuing development of FlashFLUX MOA software. (Caldwell)	
7.1	Nguyen (Lock)	• Provided the most updated SORCE TSI data for the DAAC to process data. (Nguyen) • Read 200407 Terra, Aqua nonGEO, and GEO TSI to create the data file with all-sky SW and LW fluxes for Dave Doelling to do further analysis. (Nguyen) • Ran 200407 Terra and Aqua TSI to write out the observed all-sky SW and LW fluxes for Doelling's analysis. (Nguyen) • Writing IDL program to read the above binary data and compute rms, bias, and plot the rms and bias data. (Nguyen)	
8.0	Nguyen (Lock)	• Provided support to retrieve data for GERB comparison. (Lock) • Old SYNI data at the SCF2 were corrupted. Updated PCF file to use other SYNI data to write out solar zenith angle for GERB comparison. (Nguyen)	
10.0	Nguyen (Lock)	• Continue working on the read SSF and SYN 1-deg software package. (Nguyen)	

Table 6. August 3, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
10.0 (Cont'd)	Nguyen (Lock)	• Ran Terra and Aqua SSF 1-deg and SYN 1-deg. Cristian reported differences in the old and new set of data. Investigating the cause of the differences. (Nguyen) • Ran the EBAF data for Dennis Keyes. (Nguyen) • Provided support to the flux by cloud type group. Created data and updated code as Moguo's request. (Nguyen)	
6.0	Raju (Nguyen)	• No new updates. (Raju)	
9.0	Raju (Nguyen)	• Refined the Statistics for the validation portion of CER9.5. Investigated some of the discrepancies. (Lock) • Retrieved GGEO images in support of Raja's effort to create a program to determine which images required cleaning. (Lock) • SCCR 763 – No update on the delivery date. Waiting for TISA Science approval. (Raju) • Created a stand alone Edition3 SFCB read software and sent to Khaiyer as requested. (Raju)	
11.0	Raju (Nguyen)	• Work continued 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. Processed 02/2010 MTS1 good images through the programs and created data and plots for Dave Doelling. (Raju) • Processed MTS1 bad image area files (identified by Betty Lock) through Doug Spangenberg's scripts on asdcsm3 and created flat files. These files will be included in the process to test if the programs can identify these images as bad data images. (Raju) • Started processing 01/2011 – 06/2011 GEO data at the SCF. (Raju)	

Table 7. August 3, 2011 – DM Tasks

Activity	Status
Production Processing Database/ Automation (Coleman)	• Implementing feedback from the "look and feel" test drive of the application for modifying PR status for multiple PRs from a single page display. (Heckert, Grune, Coleman) • Began preparing a Test Plan and Procedures for the testing that will be needed prior to being operational ready. (Coleman) • Continuing to build worker-bee tools that will populate the drop-down menus used during PR generation with PGE-specific options. (Heckert, Grune)
Ordering Tool (Kizer)	• Successfully tested and delivered CERES Ordering Tool Release 2.0.1.1 on July 19th. References to a satellite were removed from the EBAF Ordering Tool pages. (Chu, Mitrescu) • A CERES Ordering Tool Delivery Testing Procedures and Checklist document was composed and tested with CERES Ordering Tool Release 2.0.1.1 (Kizer) • Successfully delivered EBAF data to Jerry Potter, PCMDI. The files are now available on an Earth System Grid (ESG) node. (Mitrescu) • Two abstracts were submitted to the Dec 2011 AGU meeting. (Chu, Mitrescu)

Table 8. August 3, 2011 – NPP Issues

Activity	Status
FM5	• Supporting NCT 4 RFR as necessary. Putting together the delivery of the updated CER1.0P2 code to be delivered on Aug. 5. (Spivak) • Preparing for the CERES NPP LRR. (Instrument WG) • Produced daily plots for first two days of FM5 from IES and BDS for NCT4 artifacts. (Miller) • NCT4 RFR officially ended Aug. 1 at 10:00 p.m. EST, but IDPS had to re-boot over the weekend, causing an interruption in data flow. ASDC has processed daily BDS data on all data received. • TVAC data flow began Aug. 2. Optional for SDS to participate, but all PEATEs/ERB CARS opted to receive data. • NCT4 ends Saturday, Aug. 6. • NPP ORR Aug. 23-24, Greentech IV, Greenbelt, MD. • NPP Mission Readiness Review, Sept 6, GSFC.

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Status of PGEs on Each Platform and TK Version used for Compilation[1,2]							Status of Misc. Item(s)	Comments
		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]	
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	SSI&T	16	N	N/A	SSI&T	
	CER2.2P1	Y	Y	15	SSI&T	16	N	N/A	SSI&T	Compile HDF with TK 15, run with TK 16
	CER2.3P1	Y	Y	16	SSI&T	16	N	N/A	SSI&T	
	CER2.3P2	Y	Y	16	SSI&T	16	N	N/A	SSI&T	
	CER2.4P1	Y	Y	16	SSI&T	16	N	N/A	SSI&T	
ERBE-like - 3	CER3.1P1	Y	Y	16	SSI&T	16	N	N/A	SSI&T	
	CER3.2P1	Y	Y	16	SSI&T	16	N	N/A	SSI&T	

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)	
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	N	N/A	Devel	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	Y	16	Devel	16	N	N/A	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	N	N/A	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	N	N/A	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	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

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	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	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"
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"
8/1/2011	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 P6 and New Wrapper Status from "Devel" to "SSI&T", Changed X*^ status from "Devel" to "N"
	CER4.5-6.1P4,5, 2P3, 4P2	Changed X86 status from "Devel" to "N"

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			

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
TISA Avg - 10	CER10.1P1	Disabled	Replace with CER10.0P2
	CER10.1P2	Disabled	Replace with CER10.0P1
	CER10.2P1	Deleted	
	CER10.3P1	Deleted	
	CER10.1P3	Disabled	
	CER10.1P4	Disabled	Replace with CER10.0P2 for Terra
	CER10.1P5	Disabled	Replace with CER10.0P1 for Terra
GGEO - 11	CER11.1P1	Disabled	
	CER11.1P2	Disabled	
	CER11.1P3	Disabled	
	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			