

## May 11, 2011 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 05/11/11  
Active Requests in order of priority as of 05/09/11**

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 <sup>th</sup> 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	
***** *** <b>NEW</b> *** *****  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						

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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 44-11 thru 42-11  SCCR 789	Terra Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	3/2/2010 – 7/1/2010	Ready  Priority Level 1
PR 67-11  SCCR 794	FM1, FM2	Edition3A	SAH	5.0P2	3/10 – 6/10	Ready  Priority Level 1
PRs 53-11 thru 55-11  SCCRs 811, 791, 690	FM1, FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	6/30/2010 – 12/1/2010	In progress  Priority Level 1
PRs 77-11, 78-11	FM1, FM2	Edition3	BDS/IES	1.2P1 1.3P3	12/2/10 – 1/1/11	Ready  Priority Level 1
PRs 79-11, 80-11	FM3, FM4	Edition3	BDS/IES	1.2P1 1.3P3	12/2/10 – 1/1/11	Ready  Priority Level 1
PR 85-11  SCCR 727	FM3	Edition3	SCCD SCCN	2.4P1	3/2010 - 12/2010	Ready  Priority Level 1
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	Ready  Priority Level 2
PRs 61-11 thru 59-11  SCCR 789	Terra Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	6/30/2010 – 12/1/2010	Ready  Priority Level 2
PR 65-11  SCCR 794	FM1 FM2	Edition3A	SAH	5.0P2	7/10 – 11/10	Ready  Priority Level 2

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PRs 70-11 thru 72-11  SCCR 789	Terra Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/2/2010 – 1/1/11	Ready  Priority Level 2
PR 69-11  SCCR 794	FM1 FM2	Edition3A	SAH	5.0P2	12/2010	Ready  Priority Level 2
PRs 41-11 thru 39-11  SCCRs 812, 791, 690	FM3, FM4	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	3/2/10 – 7/1/10	Ready  Priority 2
PRs 47-11 thru 45-11  SCCR 789	Aqua Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	3/2/10 – 7/1/10	Ready  Priority 2
PR 68-11  SCCR 794	FM3 FM4	Edition3A	SAH	5.0P2	3/10 – 6/10	Ready  Priority 2
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 – <del>12/1/10</del> 11/1/11	Ready  Priority 2
PRs 62-11 thru 64-11  SCCR 789	Aqua Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	6/30/10 – <del>12/1/10</del> 11/1/11	Ready  Priority 2
PR 66-11  SCCR 794	FM3 FM4	Edition3A	SAH	5.0P2	7/10 – <del>11/10</del> 12/10	Ready  Priority 2
PRs 176-10 thru 182-10  SCCRs 811, 791, 690, 789, 794	Terra	Edition3A	SSF, SFC, SAH	4.5-6.5P4 4.5-6.2P2 4.5-6.4P1 5.0P2 9.2P2, 9.3P2 9.4P2	3/00 – 10/05	Ready.  Priority Level 2

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<b>Production Request (PR)</b>	<b>Satellite</b>	<b>Production Strategy</b>	<b>Data Product (SS#)</b>	<b>PGEs</b>	<b>Data Dates</b>	<b>Special Status</b>
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
PR 47-09  SCCR 685	FM3, FM4	Edition2D/ Ed2D-NoSW	SFC	9.2P1 9.3P1 9.4P1	11/30/07 - <del>3/1/10</del> 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 1 <sup>st</sup> month and wait for SS checkout  Priority Level 3

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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 63/64/65-10  SCCR 685	FM1	Edition2G	FSW	6.1P1 6.2P1 6.3P1	12/1/07 – <del>2/28/10</del> 6/30/10	Complete. 5/2/11
PRs 36-11 thru 38-11  SCCRs 811, 791, 690	FM1, FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	3/2/2010 – 7/1/2010	Complete. 4/25/11
PR 76-11	FM1, FM2	Edition3	SCCD SCCN	2.4P1	12/2010	Complete. 5/5/11
M-PR 3-02		NSIDC- NESDIS	EICE ESNOW (SS4.1)	4.1-4.0P1	Standing request	Closed. 5/6/11
<p>**** The PRs that follow are on HOLD. They cannot be processed until the necessary input data are available. ****</p>						
PR 16-11  SCCR 747	FM5	PreLaunch		1.0P2	9/6/10 – 9/8/10	Hold. PreProd- Waiting for input data  Priority 2 – NCT3
PR 33-11  SCCR 747	FM5	PreLaunch	BDS	1.1P8	9/6/10 – 9/8/10	Hold. PreProd- Waiting for input data  Priority 2 – NCT3
PR 34-11  SCCR 747	FM5	PreLaunch	PRES8	1.2P1	9/6/10 – 9/8/10	Hold. PreProd- Waiting for input data  Priority 2 – NCT3

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PR 35-11  SCCR 734	FM5	Prelaunch	ES8	2.2P1	9/6/10 – 9/8/10	Hold. PreProd- Waiting for input data  Priority 2 – NCT3
<p>**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed pre-operational testing and been promoted ****</p>						
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 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 3
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 3
PRs 164-10 thru 169-10	Merged	Edition3A	TSI	10.0P3, 7.3.1P1	7/02 - 2/10	HOLD – PreProd- Waiting for Promotion  Priority Level 2
PRs 188-10 thru 191-10  SCCR 795	Merged	Edition3A	SYN1deg- 3Hour/ M3Hour/ Month	8.1P1	7/02 – 12/07	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

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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 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	Clouds, Inversion	2/28/00 – 2/1/01	Begin with months that we have latest GMAO data for
	FM3 FM4	Beta1-Ed4	SSF	Clouds, Inversion		

**Table 2. May 11, 2011 - System Issues and Status**

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> <li>• Nothing to report. (Miller)</li> </ul>
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> <li>• See <a href="#">Table 3</a> for the current CERES Subsystem Delivery Schedule and <a href="#">Table 4</a> for the current CERES Coefficients Delivery Schedule. (Ayers)</li> <li>• See <a href="#">Table 5</a> for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow <a href="#">Table 5</a>. (Ayers)</li> <li>• The Edition3 gains for Terra FM1 and FM2 and Aqua FM3 and FM4 for December 1, 2010, through January 11, 2011, were installed on <i>warlock</i> and <i>AMI-P</i>, and provided to the ASDC on May 4. (Saunders)</li> <li>• The Edition3 spectral response function files for Terra FM1 and FM2 for December 1, 2010, through December 31, 2010, were installed on <i>magneto</i> and <i>AMI-P</i>, and provided to the ASDC on May 5. (Saunders)</li> <li>• The Edition3 spectral response function files for Aqua FM3 for March 1, 2010, through December 31, 2010, were installed on <i>magneto</i> and <i>AMI-P</i>, and provided to the ASDC on May 5. (Saunders)</li> <li>• SCCR 837 – Installed, compiled, and tested this TISA Gridding delivery on <i>magneto-P4</i>, and released it to the ASDC on April 28. (Saunders)</li> <li>• SCCR 756 – Received updates to Instrument PGE 1.4P1 in response to CERES Software Problem Report 73. Recompiled the code and retested the PGE on <i>AMI-P</i>, and provided the updated file to the ASDC on April 28. (Ayers)</li> <li>• SCCR 770 – Received updates for Instrument PGE 1.4P2. (Saunders)</li> <li>• SCCR 809 – On hold waiting for redelivery of code. (Ayers)</li> <li>• SCCR 833 – Received updates to this delivery on May 10. The code will be recompiled and the delivery retested. (Ayers, Saunders)</li> </ul>
AMI Job Submission Scripts – Phase 1	Ayers (Grepitotis)	<ul style="list-style-type: none"> <li>• Development continues on the scripts for the upcoming ERBE-like and Inversion deliveries. (Grepitotis, Hillyer)</li> </ul>

**Table 3. CERES Subsystem Delivery Schedule – May 2011  
(NPP Launch Date: October 18, 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	<b>Beta1–Edition2</b> delivery of 2 new PGEs (CER9.0P2 & CER9.0P3) for new ISCCP-D2like-Mrg product. [All ISCCP-D2like HDF products will have the same format.]		X	<i>AMI-P6</i>
Clouds (SCCR 809)	February 18	March 4 On hold awaiting updates	March 11	Terra and Aqua <b>Beta1-Edition4</b> . 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)	April 22	May 6	May 13	Delivery of all ERBE-like PGEs to <i>AMI</i> . ( <b>Edition2/Edition3</b> )			<i>AMI-P6</i>
Instrument (SCCR 842)	April 22	May 6	May 13	Fix issues discovered in NCT 3 Part II.			<i>AMI-P6 &amp; AMI-x86</i>
Instrument (SCCR 838)	April 29	May 13	May 20	Correction for the radiance and double drift corrected count values.			<i>AMI-P6</i>
Instrument (SCCR 843)	April 29	May 13	May 20	Fix problem with Gimbal and Memory Dump data output from CER1.1P1, 3, 5, & 7.			<i>AMI-P6</i>
TISA Gridding (SCCR 765)	May 13	May 27	June 3	<b>Beta1-Edition2</b> ISCCP-D2like-FlxDay/Nit (PGEs CER9.5P1 & CER9.5P2).		X	<i>AMI-P6</i>

**Table 3. CERES Subsystem Delivery Schedule – May 2011  
(NPP Launch Date: October 18, 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)
Inversion (SCCR 814)	May 27	June 10	June 17	Terra and Aqua <b>Beta1-Edition4</b> . PGEs CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3 and CER4.5-6.4P2.			<i>AMI-P6</i>
<b>Instantaneous SARB</b>		<b>Spring</b>		<b>Beta1-Edition4 CRS.</b>			<b><i>AMI-P6 &amp; AMI-x86</i></b>
<b>GCEO</b>		<b>Summer</b>		<b>Beta1-Edition4 GCEO delivery.</b>			<b><i>AMI-P6</i></b>
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 <b>Beta2-Edition3</b> . New PGE CER10.1P1 for the subsetter code.	<i>AMI-P6</i>

**Table 4. CERES Coefficients Delivery Schedule – May 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 April 11 at 5:00 p.m. – May 10 at 4:00 p.m.**

<b>SCCR</b>	<b>S</b>	<b>U</b>	<b>A</b>	<b>C</b>	<b>D</b>	<b>SS</b>	<b>Page No.</b>	<b>Comments</b>
823				X		Inversion		
825				X		Clouds		
827				X		CERESlib		
839				X		Instrument		
842		X				Instrument	13	
845	X	X				CERESlib	16	
846	X					Perl_Lib	18	

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

**CERES Software Configuration Change Request Submittal**

=====

Subsystem: Instrument

SCCR Date: 03/23/2011

SCCR Number: 842

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Req. 1-40: Fix issues discovered in NCT 3 Part II.

-- incorrect DOY in eph/att filenames

Reason for Change (Science):

Req. 1-40: Problems were discovered during the NCT 3 Part II pre-test. The problems will be worked and redelivered after NCT3 Part II.

Description of Change (non-Science):

Req. 1-40: Fix issues discovered in NCT 3 Part II.

-- RCERT files listed in the PCF and should not be there.

Reason for Change (non-Science):

Req. 1-40: While attempting to figure out whether the PCF contained the correct eph/att filenames it was discovered that the RCERT files were listed in the PCF. These files are not used by the PGE.

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: 1 month

Planned Delivery Date: May 6, 2011

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

Date: 04/04/2011

Status: Approved

Originator: COOPER, DENISE L. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 842:

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Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Req. 1-40: Fix issue related to incorrect eph/att filenames created from CER1.0P2.

Reason for Change (Science):

Req. 1-40: The eph/att filenames were created with the incorrect DOY. A problem with the existing code was discovered that caused this issue. The new CER1.0P2 code will fix this issue.

Description of Change (non-Science):

Req. 1-40: As part of this update the SGE scripts will be updated to the newest standards.

Reason for Change (non-Science):

Req. 1-40: Updates to the required elements in the SGE scripts have been made since this PGE was originally delivered. These updates will be added to the scripts with this delivery to bring them up to the current standards.

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 weeks

Planned Delivery Date: April 22, 2011

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

Date & Time: 2011-04-18 16:04:11

Originator: COOPER, DENISE L. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 842:  
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Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Req. 1-40: Fix issues discovered in NCT 3 Part II.

-- an issue with the incorrect conversion of the eph/att was discovered upon further analyses of the data products.

Reason for Change (Science):

Req. 1-40: Further analyses showed that data created using the eph/att created by CER1.0P2 had incorrect geolocation data, which points to an error in the conversion of the diary data into the Toolkit format.

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:

CER1.0P2

Estimated Time to Complete Change: 1 week

Planned Delivery Date: May 6, 2011

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

Date & Time: 2011-05-05 14:18:49

Originator: COOPER, DENISE L. (SSAI)

**CERES Software Configuration Change Request Submittal**

=====

Subsystem: CERESlib

SCCR Date: 04/20/2011

SCCR Number: 845

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

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Adding metadata support for NPP (FM5) and combined Terra-Aqua (FM1/FM2/FM3/FM4) products in 'SetSampling' subroutine in 'meta\_write.f90'.

Reason for Change (non-Science):

NPP and combined Terra-Aqua instruments need metadata support in CERESlib.

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

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

N/A

Estimated Time to Complete Change: 1 Day

Planned Delivery Date: 5/6/2011

List Affected Subsystems and PGE Names: All

Date: 04/20/2011

Status: Submitted

Originator: HILLYER, THOMAS N. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 845:

=====

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Adding Terra-MODIS, Aqua-MODIS, and Terra-Aqua-MODIS metadata support in 'meta\_write.f90'.

Adding environment variables to 'ceres-env.csh' to better support compiling and linking netCDF-enabled PGEs.

Reason for Change (non-Science):

Terra and Aqua products can also be represented in metadata as Terra-MODIS and Aqua-MODIS, respectively.

For greater code portability, the makefiles in PGEs using netCDF libraries should be using netCDF specific environment variables for compilation and linking.

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

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

N/A

Estimated Time to Complete Change: 1 Day

Planned Delivery Date: 5/6/2011

List Affected Subsystems and PGE Names: All

Date & Time: 2011-04-26 10:51:17

Originator: HILLYER, THOMAS N. (SSAI)

## CERES Software Configuration Change Request Submittal

=====

Subsystem: Perl\_Lib                      SCCR Date & TIME: 2011-04-26 11:33:37                      SCCR No.: 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

Originator: HILLYER, THOMAS N. (SSAI)

**Table 6. May 11, 2011 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Grepitotis)	<ul style="list-style-type: none"> <li>Nothing to report. (Hillyer)</li> </ul>	
CERES-lib	Grepitotis (Hillyer)	<ul style="list-style-type: none"> <li>SCCR 845 – An update has been made for handling metadata for NPP and combined Terra-Aqua. Also added Terra-MODIS, Aqua-MODIS, and Terra-Aqua-MODIS. Adding environment variables to ceres-env.csh to support netCDF-enabled PGE compilation. (Hillyer)</li> <li>Placed patch to view_hdf into /SCF2 fixing the long (&gt;64 characters) VGROUP name length crash issue observed on <i>AMI</i>. (Hillyer)</li> </ul>	
Perl_Lib	Hillyer (Grepitotis)	<ul style="list-style-type: none"> <li>SCCR 846 – 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. (Hillyer)</li> </ul>	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>SCCR 770 – CER1.4P2 was redelivered to CERES CM this past week and will be recompiled and retested by CERES CM before being re-released to SIT. (Magill, Cooper)</li> <li>SCCR 838 – Updates to CER1.1P8 to fix the FM5 Memory Dump and Metadata are complete. Job-submission and PCF generator scripts are being updated to include new features required by the <i>AMI</i> Job Submission Scripts (AJSS) Implementation Checklist. Delivery will be this week. (Timcoe, Grepitotis)</li> </ul>	

**Table 6. May 11, 2011 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
1.0 (Cont'd)	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>• SCCR 842 – Diagnosing issues discovered with CER1.0P2’s geolocation algorithm. A meeting with Kam-Pui Lee has been scheduled to help find a solution to the issue. An issue has been discovered with CER1.0P2’s Level-0 construction records failing to be read by CER1.1P7 are currently being examined. (Spivak, Cooper)</li> <li>• SCCR 843 – Updates to CER1.1P1, 3, 5, and 7 to fix the Memory Dump and Gimbal Data are complete. Job-submission and PCF generator scripts are being updated to include new features required by the AJSS Implementation Checklist. Delivery will be this week. (Timcoe, Grepitotis)</li> </ul>	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• Delivered Edition3 Terra SRFs for Dec 2010. (Walikainen)</li> <li>• Delivered Edition3 FM3 SRFs for Mar-Dec 2010. (Walikainen)</li> <li>• Submitted analysis of 14 candidate LW FM6 filters to the Science Team. (Walikainen)</li> <li>• SCCR-740 - Finished Robust testing of subsystem 3. While reviewing Edition3 PCF output of subsystem 2 daily processors, discovered that ancillary x-track input files are not listed in the log file. Initial attempt to fix this problem failed. (Lande)</li> <li>• Began writing ValRx PRs for upcoming Instrument deliveries to AMI. Sent the ValR23 prototype to Mark Timcoe for review. (Lande)</li> </ul>	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• SCCR 809 - Improvements continue to be made to the DX CloudVis difference code and to its batch processes. (Gibson)</li> <li>• Continued converting post-processing software to work on AMI. (Smith)</li> <li>• Produced all VISST, CO2, and ISCCP results for 2008 Edition 4 QC. (Smith)</li> </ul>	

**Table 6. May 11, 2011 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Produced Cloud property plots from GEWEX data. (Smith)</li> <li>• SCCR 809 - Reran Edition 4 Clouds to get all expected output with a new code change. (Smith)</li> <li>• Attended Science Team Meeting. (Smith)</li> <li>• Attended the Science Team Meeting. (Heckert)</li> <li>• Processed QC global images and statistics for FLASHflux for 201103 and 201104 for Terra and Aqua. Results are posted on the Web. (R. Brown)</li> <li>• SCCR 809 - Worked on updating CO2 code on AMI for Edition4. (R. Brown)</li> <li>• Attended the Science Team Meeting. (R. Brown)</li> <li>• SCCR 809 - Regenerating clear sky overhead albedo maps due to the calibration change (Chen)</li> <li>• SCCR 809 - Generated images of Ed4 cloud retrievals from the 15th of Jan 2008 Terra and Aqua data to see the changes with the new calibration. Images are on the CWG Website now. (Chen)</li> <li>• Attended the Science Team Meeting. (Chen)</li> <li>• SCCR 809 - Implemented calibrations and calibration related issues. (Sun-Mack)</li> <li>• SCCR 809 - Worked on cloud retrieval: find out the cause for no-retrieval, and force it to run IR algorithm. (Sun-Mack)</li> <li>• SCCR 809 - Looked into the cause of calling supercooled clouds ice. (Sun-Mack)</li> <li>• SCCR 809 - Did statistics on kind of water and ice clouds that are called clear in the over-write mask test, in hope of finding the correlation between the observations and cloud particle sizes. (Sun-Mack)</li> <li>• SCCR 809 - Processed eight days several times for each improvements. (Sun-Mack)</li> <li>• Attended the Science Team Meeting. (Sun-Mack)</li> </ul>	
4.2	Sun-Mack	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	

**Table 6. May 11, 2011 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.3	Sun-Mack	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.4	Miller (Antropov)	<ul style="list-style-type: none"> <li>• Modified convolution code to read NOAA-9 ERBE IES and AVHRR cookie dough. (Miller)</li> <li>• Included various work arounds in convolution code to correct data problems in NOAA-9 to process NOAA-9 data. Provided feedback to the data producers to correct problems. (Miller)</li> <li>• Worked on the program to introduce new GRing construction algorithm - packaged in a module to interface with existing calls. (Antropov, Miller) (Edition4)</li> <li>• Changes direction of the GRing flow to meet EOSDIS requirements. (Antropov) (Edition4)</li> <li>• Performed further GRing testing on additional data including RAPS and a full day. (Antropov) (Edition4)</li> </ul>	
4.5	Sothcott	<ul style="list-style-type: none"> <li>• SCCR 814 - Working to update the subsetting post processor to add three additional variables: (Sothcott) <ul style="list-style-type: none"> <li>– SSF-131a - Additional imager channel central wavelength.</li> <li>– SSF-131b - Additional mean imager radiances over clear area.</li> <li>– SSF-131d - Additional mean imager radiances over full CERES FOV.</li> </ul> </li> </ul>	
4.6	Sothcott	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• No new updates. (Caldwell)</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• No new updates. (Caldwell)</li> </ul>	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Working on offline MOA code to read upcoming G5.7 netCDF files. (Caldwell)</li> </ul>	
7.1	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• SCCR 833 – SSIT reported error found during testing. Updated code to correct error and redelivered the code and scripts to CM. (Nguyen)</li> </ul>	

**Table 6. May 11, 2011 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
8.0	Nguyen (Lock)	<ul style="list-style-type: none"> <li>No new update. (Lock)</li> </ul>	
10.0  10.0 (Cont'd)	Nguyen (Lock)  Nguyen (Lock)	<ul style="list-style-type: none"> <li>Continue searching for the causes of the errors in the xglb code when using Aqua data. (Nguyen)</li> <li>Updating the Lite code to improve the monthly and the daily averages. Correcting the zonal daily solar incoming averages. (Nguyen)</li> <li>Replaced geocentric with geodetic weights when computing the zonal and global averages. (Nguyen)</li> <li>Wrote merged Terra and Aqua SSF data code to use for the comparison of 1-hour and 3-hour GGEO data. (Nguyen)</li> </ul>	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>No new updates. (Raju)</li> </ul>	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>SCCR 837 – Completed PGE CER9.0P1 delivery to CERES CM. (Raju)</li> <li>SCCR 763 – Updated CER9.0P3 code to correct Optical depth calculations similar to PGE 9.0P1. Included new module for data range checking and to generate QA report. (Raju)</li> <li>Started processing 03/2000 – 06/2010 CERES and GEO data through PGEs CER9.0P2/3 at the SCF to create ISCCP-D2like-Mrg product for sub setting. (Raju)</li> <li>SCCR 765 - Work continued on the software validations. Processed one month of data to create inputs to netCDF process. Started looking into code to generate monthly-mean product. (Hazari, Raju)</li> <li>SCCR 765 - Created netCDF files via FORTRAN for most days in December 2002. Created FORTRAN READ package for the user. Provided Read package and the netCDF files for TISA science members for validations. Files need to be made smaller so another iteration is in the works. Also, checking for questionable values. (Lock)</li> </ul>	

**Table 6. May 11, 2011 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
11.0	Raju (Nguyen)	<ul style="list-style-type: none"><li>Started processing 07/2002 – 06/2010 Aqua and GEO data through PGE CER11.4P1 to create correlation plots for Dave Doelling. (Raju)</li></ul>	

**Table 7. May 11, 2011 – DM Tasks**

Activity	Status
<p>Production Processing Database/Automation (Coleman)</p>	<ul style="list-style-type: none"> <li>• Met with Maria Wilson, Randy Dye, and Jennifer Perez to discuss servers, daemons, ports, etc., for logging database. (Coleman, Magill, Hillyer, Grepiotis, Key, Heckert)</li> <li>• Prepared first, really rough mock-ups of Web pages Operator will use to select jobs for submittal and discussed feasibility of implementation. Need to discuss with actual operators. (Coleman, Heckert, Grune, Key)</li> <li>• Testing log-in capability for PR Database Web Ap. (various team members)</li> </ul>
<p>Ordering Tool (Kizer)</p>	<ul style="list-style-type: none"> <li>• Continued development of the CERES PR Tool (refining edit functionality). (Heckert)</li> <li>• Provided statistics on the usage of the CERES Ordering Tool for Dave Doelling’s presentation at the CERES STM and made improvements to the CERES Stat Tool’s graphical display and refined the queries used to increase the accuracy of the data (by eliminating “hits” generated by the Ordering Tool development team). (Heckert)</li> <li>• Released a new tool on the CERES Website which allows the user to view the availability of data products by Edition. (Heckert)</li> </ul>

**Table 8. May 11, 2011 – NPP Issues**

Activity	Status
FM5	<ul style="list-style-type: none"><li>• Received feedback that the gaps we saw was either caused by not having sufficient instrument data throughout the test or files impacted by the delta-V adjustments to the orbit. (Miller)</li><li>• Provided suggestion on resolving the geolocation data problems in the level 0 file including contacting Randy Arbeiter, Raytheon. (Miller)</li></ul>

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							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) <sup>7</sup>	Comments
Instrument - 1	CER1.0P1	N	N	N/A	N	N/A	N	N/A	n/a	Will comply with all the latest whenever delivered
	CER1.0P2	N	N	N/A	Devel	16	Devel	16	Devel	C++ RDR Pre-Processor
	CER1.1P1	Y	N	N/A	N	N/A	Devel	16	Devel	To be disabled when C++ working- CER1.1P8
	CER1.1P3	Y	N	N/A	N	N/A	Devel	16	Devel	To be disabled when C++ working- CER1.1P8
	CER1.1P5	Y	N	N/A	N	N/A	Devel	16	Devel	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	Devel	16	Devel	C++ NPP, Terra, Aqua
	CER1.2P1	Y	N	N/A	SSI&T	16	ValRx	16	ValRx	C code, NPP capable.
	CER1.3P1	Y	N	N/A	N	N/A	ValRx	16	ValRx	Replace with CER1.4P1 on P6
	CER1.3P2	Y	N	N/A	N	N/A	ValRx	16	ValRx	Replace with CER1.4P2 on P6
	CER1.3P3	Y	N	N/A	N	N/A	ValRx	16	ValRx	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	<b>N</b>	
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	

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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) <sup>7</sup>	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	Devel	16	N	N/A	Devel	Beta2-Ed3 (P4), Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P2	Y	Y	15	N	N/A	N	N/A	n/a	Ed2
	CER4.1-4.2P3	Y	Y	15	N	N/A	N	N/A	n/a	Ed2
	CER4.1-4.2P4	N	Y	16	Devel	16	N	N/A	Devel	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.1-4.2P5	N	Y	16	Devel	16	N	N/A	Devel	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.1-4.3P2	Y	Y	15	N	N/A	N	N/A	n/a	Ed2
CER4.1-4.3P3	N	Y	16	Devel	16	N	N/A	Devel	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
	CER4.5-6.3P2	Y	SSI&T	16	N	N/A	N	N/A	n/a	Edition2 to <i>magneto</i> Terra alternate
	CER4.5-6.3P3	Y	Y	15	N	N/A	N	N/A	n/a	Edition2 to <i>magneto</i>
	CER4.5-6.4P1	Y	Y	15	N	N/A	N	N/A	n/a	Edition2 to <i>magneto</i>
	CER4.5-6.4P2	N	Y	16	Devel	16	Devel	16	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	
CER4.5-6.6P2	Y	N	N/A	N	N/A	N	N/A	n/a	Edition2	
CER4.5-6.6P3	Y	Y	15	N	N/A	N	N/A	n/a	Edition2 to <i>magneto</i>	

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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	<b>N</b>	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	SSI&T	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	SSI&T	16	N	N/A	SSI&T	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	<b>N</b>	
	CER9.2P1	Y	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.2P2	N	SSI&T	16	N	N/A	N	N/A	n/a	New PGE for Edition3
	CER9.3P1	Y	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.3P2	N	SSI&T	16	N	N/A	N	N/A	n/a	New PGE for Edition3
	CER9.4P1	Y	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.4P2	N	SSI&T	16	N	N/A	N	N/A	n/a	New PGE for Edition3
TISA Avg - 10	CER10.0P1	N	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	SSI&T	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 <sup>1,2</sup>							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) <sup>7</sup>	Comments
GGEO - 11	CER11.1P10	N	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER11.2P2	N	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER11.4P1	N	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER11.6P1	N	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER11.7P1	N	Y	16	Devel	16	Devel	16	<b>N</b>	
Regrid MOA - 12	CER12.1P1	Y	SSI&T	16	SSI&T	16	SSI&T	16	SSI&T	
	CER12.1P2	N	Y	16	SSI&T	16	SSI&T	16	SSI&T	

Table 1 Key:		
<sup>1</sup> 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
<sup>2</sup> Prod. Platform	SGL	warlock
	P4	Magneto - IBM P4
	P6	AMI - IBM P6
	X86	AMI - IBM X86
<sup>7</sup> "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 <sup>1</sup> ? (Y/N)
BDS	Instrument	Archival	<b>N</b>
ES-8	ERBE-like	Archival	<b>N</b>
ES-9	ERBE-like	Archival	<b>N</b>
ES-4	ERBE-like	Archival	<b>N</b>
SSF	Inversion	Archival	Y
CRS	SARB	Archival	Y
FSW	TISA-Gridding	Archival	Y
SYN	TISA-Averaging	Archival	Y
AVG	TISA-Averaging	Archival	Y
ZAVG	TISA-Averaging	Archival	Y
SFC	TISA-Gridding	Archival	Y
SRBAVG	TISA-Averaging	Archival	Y
ISCCP-D2like-Day/Nit	TISA-Gridding	Archival	Y
ISCCP-D2like-GEO	TISA-GGEO	Archival	Y
INSTR	Instrument	Internal	N/A
IES	Instrument	Internal	N/A
EID-6	ERBE-like	Internal	N/A
CRH	Clouds	Internal	N/A
GGEO	TISA	Internal	N/A
MOA	SARB	Internal	N/A
CID-VIRS	Clouds	Ext. Input	N/A
CID-MODIS	Clouds	Ext. Input	N/A
SURFMAP	Clouds	Ext. Input	N/A
GEO	TISA	ValRx	N/A
APD	SARB	Ext. Input	N/A
GAP	SARB	Ext. Input	N/A
MWH	SARB	Ext. Input	N/A
OPD	SARB	ValRx	N/A
<sup>1</sup> Sample Read Package README files: References to URL <a href="http://asd-www.larc.nasa.gov/ceres/ASDceres.html">http://asd-www.larc.nasa.gov/ceres/ASDceres.html</a> need to be updated to <a href="http://science.larc.nasa.gov/ceres">http://science.larc.nasa.gov/ceres</a>			

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
1/4/2011	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"