

## March 16, 2011 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 03/16/11  
Active Requests in order of priority as of 03/14/11**

<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>
M-PR 3-02		NSIDC- NESDIS	EICE ESNOW (SS4.1)	4.1-4.0P1	Standing request	
M-PR 1-09		NSIDC- NESDIS	EICE ESNOW 16 <sup>th</sup> mesh	4.1-4.0P2	Standing Request	
AM- PR 6-05, 7-05, and 1-10 to 4-10	Terra	Edition1-CV	BDS/ ERBElike (SS1-3)	1.1P3 1.2P1 1.3P1 1.3P2 2.1P1 2.2P1 2.3P1 2.3P2 3.1P1	Standing request	The ERBE-like PRs AM 1-10 thru 4-10 replace standing requests AM- 2-05 thru 5-05.
PM-PRs 16-05, 18-05, 2-10, 4-10, 6-10, 8-10	FM3	Edition1-CV	BDS/ ERBElike (SS1-3)	1.1P5 1.2P1 1.3P1 1.3P2 2.2P1 2.3P1 2.3P2 3.1P1	Standing request	The ERBE-like PRs PM 2-10, 4-10, 6-10, & 8-10 replace standing requests PM-PRs 17-05 & 15-05.
PM-PRs 11-05 to 14-05  1-10, 3-10, 5-10, 7-10	FM4	Ed1-CV- NoSW	BDS/ ERBElike (SS1-3)	1.1P5 1.2P1 1.3P1 1.3P2 2.2P1 2.3P1 2.3P2 3.1P1	Standing request	The ERBE-like PRs 1-10, 3-10, 5-10, & 7-10 replace standing requests PM-PRs 11-05 & 13-05

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<del>M-PR 2-10</del> PR M 1-11 SCCR <del>753</del> 830	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	** NEW Standing PR Number – Delta delivery due to GMAO filename change (from “200” series to “201” series)
PR M 1-10 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	
PR 49-09	FM3, FM4, MODIS V005	Edition1C	SSFI	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	11/30/07 – <del>3/1/10</del> 7/1/10	In progress NOTE: Dates through 3/1/10 complete  Priority Level 1
PR 48-09  SCCR 690	FM3, FM4	Edition2D/ Ed2D-NoSW	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	11/30/07 - <del>3/1/10</del> 7/1/10	In progress NOTE: Dates through 3/1/10 complete  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 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	Ready NOTE: Dates through 3/1/10 complete  Priority Level 2
PRs 176-10 thru 182-10 (Excel Only)  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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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 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
PR 45-09  SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	12/1/07 - 6/30/10	Ready.  Priority Level 3

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PRs 66/67/68-10,  SCCR 781	FM1	Edition2G	CRS	5.0P1 5.1P1 5.4P1	12/1/07 – <del>2/28/10</del> 6/30/10	Ready  NOTE: Dates through 3/1/10 complete  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	Ready. NOTE: Dates through 3/1/10 complete  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 01-11 thru 03-11  SCCR 755	FM1, FM2, FM3, FM4	ValR22	BDS	1.1P8	3/31/00 (Terra) 9/30/02 (Aqua) 11/30/04 (Both) 4/30/09 (Both)	Complete. 3/4/2011
PRs 53-10 thru 62-10  SCCRs 741, 690, and 685	FM1, FM2	Edition2G	SSF, SFC	Clouds, Inversion, TISA- Gridding SS9	3/2/10 - 7/1/10	Complete.
<p>**** The PRs that follow are on HOLD. They cannot be processed until the necessary input data are available. ****</p>						
PR 32-11  SCCR 755	FM5	ValR22	BDS	1.1P8	2/28/03	Hold. Waiting for input data  Priority 2
PR 16-11  SCCR 747	FM5	PreLaunch		1.0P2	9/6/02 (tentatively)	Hold. Waiting for input data  Priority 2

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PR 02-11	Terra XTrk	Edition3A	SYNI	7.2.1P1	03/2000 – 06/2002	Hold. Waiting for input data  Priority 3
<p align="center">**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed pre-operational testing and been promoted ****</p>						
PRs 19-11 thru 28-11  SCCRs 831, 693, 829, 690	FM3 FM4	Edition1-CV Ed1-CV- NoSW	SSF	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2 4.5-6.2P2 4.5-6.4P1 4.5-6.1P3	6/30/10 – 1/1/11	HOLD -Waiting for Promotion, which is waiting on completion of PRs 48-09 and 49-09  Priority Level 1
PRs 194-10 thru 201-10, and 20-10 thru 35-10	FM1, FM2, FM3, FM4	ValR17, ValR17-Ed2, ValR17-Ed3	BDS	1.1P5 1.2P1 1.3Px	Selected dates	HOLD -Waiting for Promotion  Priority Level 2
PRs 04-11 thru 05-11  SCCR 755	FM1, FM2, FM3, FM4	ValR22	BDS	1.2P1	3/31/00 (Terra) 9/30/02 (Aqua) 11/30/04 (Both) 4/30/09 (Both)	HOLD -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 -Waiting for Promotion  Priority Level 3
PRs 14-11 thru 15-11  SCCR 770	FM1, FM2, FM3, FM4	ValR23		1.4P2	3/31/00 (Terra) 9/30/02 (Aqua) 11/30/04 (Both) 4/30/09 (Both)	HOLD -Waiting for Promotion  Priority Level 3
PRs 164-10 thru 169-10	Merged	Edition3A	TSI	10.0P3, 7.3.1P1	7/02 - 2/10	Pending Redelivery

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PRs 188-10 thru 191-10  SCCR 795	Merged	Edition3A	SYN1deg-3Hour/ M3Hour/ Month	8.1P1	7/02 – 12/07	HOLD -Waiting for Promotion  Priority Level 3
PRs 16-10 SCCR 749	CERES	ValR4x86-Ed3	MOA	12.1P2	7/04	Pending Redelivery
PR 15-10 SCCR 749	CERES	ValR4p6-Ed3	MOA	12.1P2	7/04	Pending Redelivery
PR 37-10 SCCR 749	CERES	ValR4x86-Ed2	MOA	12.1P1	7/04	Pending Redelivery
PR 36-10 SCCR 749	CERES	ValR4p6-Ed2	MOA	12.1P1	7/04	Pending Redelivery
PR 6-11  SCCR 749	CERES		MOA	12.1P2	2/28/2000 – 3/1/2010	Pending Redelivery
**** 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	Edition3A	SSF	Clouds, Inversion	6/30/10 – 1/1/11	Using Edition1-CV based inputs
	FM3 FM4	Edition3A	SSF	Clouds, Inversion	6/30/10 – 1/1/11	Using Edition1-CV based inputs

**Table 2. March 16, 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>• Installed the Perl_Lib delivery (SCCR 834) on <i>AMI-P</i> and released it to the ASDC on March 3. (Ayers)</li> <li>• Installed the Clouds delta delivery (SCCR 831) on <i>magneto-P4</i> and released it to the ASDC on March 3. Subsequently provided two updates in response to problem reports. (Ayers)</li> <li>• Provided updated Regrid MOA (SCCR 749) and Instrument (SCCR 716) scripts to the ASDC. The updates allow the platform to be specified. (Ayers)</li> <li>• Installed the Instrument delta delivery (SCCR 836) on <i>AMI-P-P6</i> and provided it to the ASDC on March 9. (Ayers)</li> <li>• Updated, posted on the Web, and provided to the ASDC the following updated Operator's Manuals: Regrid MOA (SCCR 749), TISA Gridding (SCCR 763), and Instrument (SCCR 756). (Saunders)</li> <li>• Put Regrid MOA (SCCR 749) on hold pending code updates which are expected by March 18. (Ayers)</li> <li>• Testing TISA Gridding (SCCR 763) on <i>AMI-P</i>. (Cooper)</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 TISA Gridding deliveries. (Grepitotis, Hillyer)</li> </ul>

**Table 3. CERES Subsystem Delivery Schedule – March 2011**  
**(CERES Science Team Meeting: April 26 – 28, 2011, in Newport News, VA)**  
**(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 In CM Queue	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>
CERESlib (SCCR 827)	February 18	March 4	March 11	Clouds updates.			<i>AMI-P6, AMI-x86, &amp; magneto-P4</i>
Clouds (SCCR 809)	February 18	March 4 In CM Queue	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>
TISA Averaging (SCCR 833)	February 28	March 11	March 18	Corrections and updates to SCCR 796.			<i>magneto-P4</i>
TISA Gridding (SCCR 765)	March 11	March 25	April 1	<b>Beta1-Edition2</b> ISCCP-D2like-FlxDay/Nit (PGEs CER9.5P1 & CER9.5P2).		X	<i>AMI-P6</i>
TISA Gridding (SCCR 837)	March 11	March 25	April 1	Corrections to SCCR 746.			<i>magneto-P4</i>
ERBE-like (SCCR 740)	March 18	April 1	April 8	Delivery of all ERBE-like PGEs to <i>AMI</i> . ( <b>Edition2/Edition3</b> )			<i>AMI-P6</i>

**Table 3. CERES Subsystem Delivery Schedule – March 2011**  
**(CERES Science Team Meeting: April 26 – 28, 2011, in Newport News, VA)**  
**(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)	March 18	April 1	April 8	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>Instrument</b>		<b>May</b>		<b>Build corrects all NPP errors found so far. Last Build before launch freeze date. Might not be needed. Includes pre-processor.</b>			<b><i>AMI-P6</i></b>
<b>Instantaneous SARB</b>		<b>Spring</b>		<b>Beta1-Edition4 CRS.</b>			<b><i>AMI-P6 &amp; AMI-x86</i></b>
<b>GGEO</b>		<b>Summer</b>		<b>Beta1-Edition4 GGEO 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 – March 2011**

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
Instrument	N/A	March 25	April 1	Extend Edition3 through November 2010.	<i>AMI &amp; warlock</i>
ERBE-like	N/A	March 25	April 1	Extend Edition3 through November 2010.	<i>AMI &amp; magneto</i>

**Table 5. SCCR Activity March 1 at 4:30 p.m. – March 14 at 1:30 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>
809			X			Clouds		
814		X				Inversion	12	
825			X			Clouds		
834		X	X	X		Perl_Lib	14	
835				X		Instrument		
836	X		X			Instrument	16	
837	X					TISA Gridding	17	

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

## CERES Software Configuration Change Request Submittal

=====

Subsystem: Inversion

SCCR Date: 11/01/2010

SCCR Number: 814

Parameter Change: ( ) YES (X) NO

Description of Change (Science):  
None.

Reason for Change (Science):  
N/A

Description of Change (non-Science):

1. Port Edition3-Beta2 software from magneto system to AMI system as Edition4-Beta1. Req. # 4.5-30
2. Convert the input and output data structure to match the DPO data structure. Install production environment variables. Req. # 4.5-31
3. Combine the Main and Alternate Processors into one PGE each for Terra and Aqua. Req. # 4.5-32
4. Delete use of the CERESlib Radiometric Scale Factors file. Req. # 4.5-33

Reason for Change (non-Science):

1. All production processing is being moved to the AMI systems.
2. New input and output data structures in the DPO for the AMI systems.
3. Reduce the number of PGE's needed to be maintained.
4. Radiometric Scaling will now be input using the Edition3 Spectral Calibration files.

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, CER4.5-6.1P5, CER4.5-6.2P3, CER4.5-6.4P2

Estimated Time to Complete Change: 6 weeks  
Planned Delivery Date: 12/10/2010 (Clouds + 4 weeks)  
List Affected Subsystems and PGE Names: Inversion CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3 and CER4.5-6.4P2

Date: 11/04/2010      Status: Approved

Originator: SOTHCOTT, VICTOR E. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 814:

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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):  
Add ancillary file of LASP SORCE TSI Solar Constant data to use throughout the Inversion/SOFA code. Req. # 4.5-38

Reason for Change (non-Science):  
Replace original Solar Constant value with the more accurate variable of Earth-Sun distance Solar Constant.

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: 1 week  
Planned Delivery Date: April 1, 2011  
List Affected Subsystems and PGE Names: Inversion CER4.5-6.1P4 and CER4.5-6.1P5

Date & Time: 2011-03-03 09:22:37

Originator: SOTHCOTT, VICTOR E. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: Perl\_Lib

SCCR Date: 02/14/2011

SCCR Number: 834

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Updated Pcf.pm's Print\_Footer subroutine to support optional arguments that can define disabled status codes and ephemeris and attitude data masks.

Removed unnecessary year bounds checking (1985..2030) from Dates module.

Added generic split, check, range, and next date subroutines to Dates module. Supports both hyphenated and non-hyphenated forms where applicable.

Added Error\_Message subroutine to print single and multiple date submissions.

Adding formal test\_suites directory to Perl\_Lib.

Reason for Change (non-Science):

Adding more generic functionality to Dates module. Added optional arguments to Pcf module's Print\_Footer to handle more cases required by specific 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:

All AMI PGEs

Estimated Time to Complete Change: 4 Days

Planned Delivery Date: 2/18/2011

List Affected Subsystems and PGE Names: All AMI PGEs

Date: 02/17/2011      Status: Approved

Originator: GREPIOTIS, ARTHUR T. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 834:

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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):

Explicitly assigning the file mode creation mask to 002 inside of the SGE\_Utils::sgeLogHeader() subroutine which is already called by the Phase I Launch Perl scripts prior to any file creation.

Reason for Change (non-Science):

In development and production, files and directories created inside of a SGE instance are assigned write permission only to the file's owner, not also to the group. This causes problems when multiple operators need to create or cleanup files in a DPO-like structure, where only the first operator will be able to write to that area. Properly setting the umask to 002 in Perl\_Lib will address this issue for PGE's upcoming and already delivered to AMI-P.

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:

none

Estimated Time to Complete Change: 1 day

Planned Delivery Date: 3/3/2011

List Affected Subsystems and PGE Names: All AMI PGEs

Date & Time: 2011-03-03 11:45:37

Originator: HILLYER, THOMAS N. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: Instrument                      SCCR Date & TIME: 2011-03-09 10:17:08                      SCCR No.: 836

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Reqt. #1-37 CER1.1P8 PCF generator needs to be updated to remove PCF and QC tar files no longer created.

Reason for Change (non-Science):

Reqt. #1-37: PCF and QC tar files are no longer required as the new ANGe archive can handle the smaller PCF, Log and QC files on their own. This update is only being made currently for the newer C++ PGEs, the existing Ada PGEs will still create these tar files as these PGEs will eventually be disabled when the C++ versions are thoroughly tested.

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

Description of Parameter Change:

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

CER1.1P8

Estimated Time to Complete Change: 2 hrs

Planned Delivery Date: 3/9/11

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

Originator: COOPER, DENISE L. (SSAI)

**CERES Software Configuration Change Request Submittal**

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Subsystem: TISAGrid                      SCCR Date & TIME: 2011-03-14 12:53:50                      SCCR No.: 837

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement # 9.0-5

Code was modified to write Liquid and Ice Cloud Fractions' data on to ISCCP-D2like-Day/Nit HDF products correctly.

Reason for Change (non-Science):

Requirement # 9.0-5

Found an error in the HDF write routines that was delivered as part of SCCR 746 to produce Edition2A ISCCP-D2like-Day/Nit products.

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:

CER9.0P1

Estimated Time to Complete Change: Completed

Planned Delivery Date: March 25, 2011

List Affected Subsystems and PGE Names: N/A

Originator: RAJU, RAJA (SSAI)

**Table 6. March 16, 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 827 - Updated 'ssf2hdf_params_Ed4.f90' received from Victor Sothcott has been installed in CERESlib Edition4 on AMI and <i>magneto</i>. (Hillyer)</li> </ul>	
Perl_Lib	Hillyer (Grepitotis)	<ul style="list-style-type: none"> <li>SCCR 834 - Added umask setting of 002 to SGE_Utils module. (Grepitotis)</li> </ul>	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>SCCR 755 – Looking at ValR22. Determining if differences in C++ vs. Ada created files are scientifically insignificant. This effort may take a bit longer than usual due to the need for more thorough analyses. (Cooper)</li> <li>SCCR 747 – This PGE has been promoted. Working with SIT as necessary to answer questions on scripts, etc. During operational testing, issues with entering month and day in a two-digit form on ab01-p were discovered. Red Hat Linux sees a number 0x as being octal, which causes the numbers 08 and 09 to be considered errors. Also, permission issues with the instrument scripts creating the required output directories were resolved with the setting of the proper umask and an update to Perl_Lib. (Cooper)</li> <li>SCCR 835 – Script updates delivered to SIT. The PCF log filename that was created when an error condition detected by the SGE submission script checking for either missing input or existing output data files did not include the Production Date, which caused this file to not be removed by the file cleanup script when it was run. (Cooper)</li> <li>SCCR 836 – Script updates delivered to SIT. The PCF generator for CER1.1P8 included PCF and QC tar files that are no longer being created. These files were removed from the PCF generator, and the Instrument Operator’s Manual was updated to fix them being listed as expected output. (Cooper)</li> <li>SCCR 756 – Updating the SGE Driver script to include the new platform parameter requested by the ASDC SIT and operations. (Grepitotis, Hillyer)</li> </ul>	

**Table 6. March 16, 2011 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
1.0  (Cont'd)	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>• SCCR 770 – Updating the SGE Driver script to include the new platform parameter requested by the ASDC SIT and operations. (Grepitotis, Hillyer)</li> <li>• SCCR 716 – SGE Driver for CER1.2P1 was updated to include the platform parameter. The script was sent to SIT so they could complete their testing. (Hillyer)</li> <li>• As SIT has had more experience with the new Phase I scripts, a few new requests/requirements have been conveyed to the scripting team. These requests include adding subdirectories to the sge_logs directory for each PGE. If SIT/operations would like the Instrument scripts updated to add these subdirectories, then the Instrument scripts will be updated and sent to SIT for their testing. (Cooper, Grepitotis, Hillyer)</li> <li>• Work continues to port all existing validation code over from <i>spg10</i> and <i>warlock</i> to <i>AMI</i>. (Cooper, Snyder)</li> </ul>	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• SCCR 740 - Finished SGE upgrade of CER3.1P1 with Thomas's scripts. Debugged new version and successfully tested Test Plan cases and verified SGE output. Also verified command line testing still worked. (Lande)</li> <li>• SCCR 740 - Finalized SGE upgrade of CER3.2P1 and verified command line testing. Worked with Thomas to add SGE scripts to it. Debugged this new version and successfully tested Test Plan cases and verified SGE output. (Lande)</li> <li>• SCCR 740 - Finished work on upgrading Test Plan document to <i>AMI</i> test cases, both command line and SGE. Also updated most of the material in the appendices. (Lande)</li> <li>• SCCR 740 – Submitted a list of robust test cases to CM. (Walikainen)</li> <li>• Preparing Edition3 unfiltering coefficients to extend FM1 beyond Feb 2010. Unable to produce on <i>AMI</i>, perhaps this has to do with LUN issue. (Walikainen)</li> </ul>	

**Table 6. March 16, 2011 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
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>• Wrote a code to process the MOA data for computing the average diurnal cycle of GEOS skin temperatures. Processed one month (200807) of data to generate the skin temperatures global maps in local time. Also processed the same month of Aqua and Terra CloudVis data to generate Brightness Temperature global maps with clear sky in local time. Global temperature maps were posted on the Website to view. (Chen)</li> <li>• Finished processing 2009 data for NEWS with RelB1. Corresponding QC plots are produced and posted on the Website. (Chen)</li> <li>• A trial batch run of the DX difference program used for Cloud Mask was posted to the Clouds Google Maps Web page. Each processing step was evaluated. Some delay of the work was experienced due to problems with the AMI filesystem. (Gibson)</li> <li>• Processed ClearSky results for Terra Edition2B-QC from 201003 through 201012 and for Aqua Edition1C from 201002 through 201004. Results were posted on the Web. (R. Brown)</li> <li>• QC global images and statistics for Terra Edition1-CV from July 2010 through December 2010 were processed and posted on the Web. (R. Brown)</li> <li>• SCCR 809 - Completed updates to clouds scripts. (Smith)</li> <li>• SCCR 809 - Completed testing all test cases and producing all expected data. (Smith)</li> <li>• SCCR 809 - Finished updates to clouds test plan. (Smith)</li> <li>• SCCR 809 - Sent clouds delivery package. (Smith)</li> <li>• Working on validation among CERES, CALIPSO and CloudSat. (Sun-Mack)</li> <li>• Working with surface group and sarb group on Edition 4. (Sun-Mack)</li> </ul>	

**Table 6. March 16, 2011 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Working with team members on diurnal studies. (Sun-Mack)</li> </ul>	
4.2	Sun-Mack	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
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>• SCCR 809 - All software has been provided to clouds for testing and delivery. (Edition4) (Miller)</li> <li>• SCCR 831 - Removed reference to DPO from the Aqua PCFGen and provided to CM. (Edition1-CV) (Miller)</li> <li>• Investigated monthly change in gridded water percentage in Aqua. It was related to using water percentage for land types, but not snow. (Edition3) (Miller)</li> <li>• Investigated grid boxes with ice diameter set to defaults, but not optical depth and ice water path. It was determined that the range used in convolution was too narrow. Since radius is used in Edition4, no changes are needed. (Edition3) (Miller)</li> <li>• Produced a comparison of Edition1-CV and Edition2G Terra FM1 and FM2 data. (Miller)</li> <li>• Worked on the program to introduce new GRing construction algorithm - reviewed the code and fixed bugs. (Edition4) (Antropov)</li> <li>• Provided summary of ADMs used when no cloud properties are available and the footprint is not cleared. Only longwave snow ADM may have an issue. (Edition3) (Miller)</li> </ul>	
4.5	Sothcott	<ul style="list-style-type: none"> <li>• SCCR 814 - Updated the SCCR to include the addition of the ancillary file of LASP SORCE TOA Solar Constant data. (Sothcott)</li> <li>• SCCR 814 - Processed multiple days of Edition4-Beta1 data provided by Clouds for review by the SARB and SOFA working groups. (Sothcott)</li> </ul>	

**Table 6. March 16, 2011 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.5 (Cont'd)	Sothcott	<ul style="list-style-type: none"> <li>• SCCR 827 - Updated the HDF code to change 'diameter' to 'radius' in various output names. The appropriate variables had been changed but several of the title names were missed. The updates were delivered to CERESlib. (Sothcott)</li> <li>• SCCR 814 - Updated the daily subsetting postprocessor (CER4.5-6.2P3) to include the variables that were added to the Edition3 subsets. Tested successfully. (Sothcott)</li> <li>• SCCR 814 - Updated the Inversion Operations Manual. (Sothcott)</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>• Continuing development of Edition4 CRS code. (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>• SCCR 749 - Preparing to deliver correction to Edition4 MOA code to <i>AMI</i>. (Caldwell)</li> </ul>	
7.1	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• No report received.</li> </ul>	
8.0	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• Providing Dave Doelling with plots as requested. (Lock)</li> <li>• Ran SS8 with TSIB Edition3A data. Provided validation plots on the Edition3A data. (Lock)</li> </ul>	
10.0	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• No report received.</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 765 - As per Dave Doelling's request, work started on the ISCCP-Flux code to write flux and cloud data output in the form of zonal files that can be read in to netCDF software to create NetCDF file. This work is to generate the flux product according to the user specifications. (Raju, Hazari, Betty)</li> </ul>	

**Table 6. March 16, 2011 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
9.0  (Cont'd)	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• SCCR 765 - Developing a FORTRAN program to generate a netCDF file containing the Flux data for different cloud types. (Lock)</li> <li>• Previously July 2006 SFCB files were generated using CCode 300300 version SSF inputs. TISA Averaging comparisons of SFCB with Norm Loeb inputs showed differences. Processed the month again using CCode 301300 version SSF at SCF and provided SFCB files to TISA Averaging. (Raju)</li> <li>• SCCR 746 - Found an error in PGE CER9.0P1 software and updated the HDF write routines. Ran 10 years of Terra and Aqua X-track only data at the SCF for Moguo Sun for product validations. After his approval, PGE software will be redelivered to <i>magneto</i>. (Raju)</li> <li>• SCCR 763 - Provided support for CM testing on <i>ami-p</i>. (Raju)</li> </ul>	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Ran 5-channel cloud retrieval G-11, G-12, MET9 and 2-channel MET7, MTS1 data through 1-Hourly PGE 11.2P2. Validation plots showed problems with SZA and notified Michele Nordeen. (Raju)</li> <li>• Received new coefficients for G-13 and MTS2 satellites. Started processing 03/2010 – 12/2010 data at SCF. (Raju)</li> </ul>	

**Table 7. March 16, 2011 – DM Tasks**

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> <li>• Continued modifying the PR Database Web display software for implementing feedback items from general query demo. (Heckert)</li> <li>• Placed initial Web display software in subversion. (Heckert)</li> <li>• Currently developing the login component for the CERES PR Tool. (Heckert)</li> <li>• Collected feedback on what statuses a PR will have, and modified the PR state diagram, accordingly. (Coleman)</li> <li>• Met with SIT and Ops to discuss generalized scripting approach. (Coleman, Magill, Hillyer, Grepiotis, Davenport, Sorlie, Cross, Hopson, Gleason)</li> <li>• Investigating best approaches to database schema for organizing information for PGE dependencies. (Grune, Heckert)</li> <li>• Preparing to build Web screen mock-ups of production status displays. (Key)</li> </ul>
Ordering Tool (Kizer)	<ul style="list-style-type: none"> <li>• Fixed a number of compatibility issues with Internet Explorer and the new look for the CERES Ordering Tool. (Heckert)</li> </ul>

**Table 8. March 16, 2011 – NPP Issues**

Activity	Status
FM5	<ul style="list-style-type: none"><li>• Attended the JPSS Program Concept Review. (Miller)</li><li>• Reviewed white paper "On the Generation of CERES Earth Radiation Budget Climate Data Records." (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	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	Devel	16	Y	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	<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	
ERBE-like - 3	CER2.4P1	Y	Y	16	Devel	16	Devel	16	Devel	
	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	Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)	Comments
		SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver		
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	<i>warlock</i> 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	<i>warlock</i> version recompiled for 2008 Edition2, Use P4 for 3/10 forward
	CER4.1-4.1P6	N	Y	16	SSI&T	16	N	N/A	SSI&T	Beta2-Ed3 (P4), Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P2	Y	Y	15	N	N/A	N	N/A	n/a	Ed2
	CER4.1-4.2P3	Y	Y	15	N	N/A	N	N/A	n/a	Ed2
	CER4.1-4.2P4	N	Y	16	SSI&T	16	N	N/A	SSI&T	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.1-4.2P5	N	Y	16	SSI&T	16	N	N/A	SSI&T	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.1-4.3P2	Y	Y	15	N	N/A	N	N/A	n/a	Ed2
CER4.1-4.3P3	N	Y	16	SSI&T	16	N	N/A	SSI&T	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future	
Inversion/SOF A 4.5-6	CER4.5-6.1P2	Y	ValRx	16	N	N/A	N	N/A	n/a	Ed2 Terra Main
	CER4.5-6.1P3	Y	Y	15	N	N/A	N	N/A	n/a	Ed2 Aqua Main
	CER4.5-6.1P4	N	Y	16	Devel	16	Devel	16	Devel	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	Y	16	Devel	16	Devel	16	Devel	Aqua Main Ed4 version of 1P3
	CER4.5-6.2P2	Y	Y	15	N	N/A	N	N/A	n/a	Ed2/Ed3 subsetter
	CER4.5-6.2P3	N	Y	16	Devel	16	Devel	16	Devel	Subset postproc for Terra and Aqua (Ed4 version of 2P2)
	CER4.5-6.2P4	N	Y	16	N	N/A	N	N/A	n/a	Ed3 daily post-processor
	CER4.5-6.3P2	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	
TISA Avg - 7.1	CER6.3P2	N	N	N/A	Devel	16	Devel	16	n/a	New PGE for Edition4
	CER7.1.1P1	N	Y	15	N	N/A	N	N/A	n/a	
SARB - 7.2	CER7.3.1P1	N	Devel	16	Devel	16	N	N/A	Devel	New PGE for Edition3
	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	Devel	16	Devel	16	N	N/A	Devel	New PGE for Edition3

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		Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)	
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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	Devel	16	Devel	16	Devel	
	CER12.1P2	N	Y	16	Devel	16	Devel	16	Devel	

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"