

## November 3, 2010 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 11/03/10  
Active Requests in order of priority as of 11/01/10**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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	
<b>** UPDATED *</b>  Standing requests 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.
<b>** UPDATED *</b>  Standing requests 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.
<b>** UPDATED *</b>  Standing requests 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
M-PR 2-10 SCCR 753	CERES	DAO-G5- CERES	MOA	12.1P1	Standing request	

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PR 1-10 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	
PRs 145-10, 146-10	FM3, FM4	Edition3	BDS, IES	Instrument and ERBE-like		In progress
PRs 85-10 thru 88-10, 77-10 to 80-10, 93-10 to 96-10  SCCRs 786, 791, 690	FM1, FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	<del>3/1/00 – 3/1/10</del> 8/31/04 – 3/1/10	In progress  PRs 77-10, 85-10, & 93-10 Complete 10/4/10
PRs 114-10 thru 122-10  SCCR 789	FM1, FM2	Edition3A	SFC	9.2P2 9.3P2 9.4P2	<del>3/1/00 – 3/1/10</del> 8/31/04 – 3/1/10	In progress
PRs 101-10 thru 104-10  SCCR 794	FM1, FM2	Edition3A	SAH	5.0P2	<del>3/00 – 2/10</del> 9/04 – 2/10	In progress
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	In progress NOTE: Priority will be lower for post-3/1/10 dates
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	In progress NOTE: Priority will be lower for post-3/1/10 dates
PRs 155-10 thru 163-10	FM1, FM2, FM3, FM4	Edition2	BDS, IES, ES8, ES4, ES9		3/2/10 – 7/1/10	Ready  PRs 162-10 & 163-10 Complete. 9/17/10
PR 46-09	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P1	<del>1/1/08 – 12/31/08</del> <del>12/1/07 – 2/28/10</del> 12/1/07 - 6/30/10	Process 1 <sup>st</sup> month and wait for SS checkout
PR 45-09  SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	<del>1/1/08 – 12/31/08</del> <del>12/1/07 – 2/28/10</del> 12/1/07 - 6/30/10	Pending input

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PRs 53-10 thru 62-10  SCCRs 741, 690, and 685	FM1, FM2	Edition2G	SSF, SFC	Clouds, Inversion, TISA-Gridding SS9	3/2/10 thru 7/1/10	On hold pending inputs
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	<del>1/1/08 - 1/1/10</del> 11/30/07 - <del>3/1/10</del> 7/1/10	In progress NOTE: Priority will be lower for post-3/1/10 dates
PR 48-09  SCCR 690	FM3, FM4	Edition2D/ Ed2D-NoSW	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	<del>1/1/08 - 1/1/10</del> 11/30/07 - <del>3/1/10</del> 7/1/10	In progress NOTE: Priority will be lower for post-3/1/10 dates
PR 47-09  SCCR 685	FM3, FM4	Edition2D/ Ed2D-NoSW	SFC	9.2P1 9.3P1 9.4P1	<del>1/1/08 - 1/1/09</del> 11/30/07 - <del>3/1/10</del> 7/1/10	In progress NOTE: Priority will be lower for post-3/1/10 dates
PR 60-09  SCCR 653		Edition2A	GGEO	11.1P10	11/05 - <del>2/4/07</del> 12/07	Hold. Pending Coefficients.
PR 59-09  SCCR 653		Edition2A	GGEO	11.2P2	11/05 - <del>2/4/07</del> 12/07	Hold. Pending Coefficients.
PR 58-09  SCCR 653		Edition2A	GGEO	<del>11.6P1</del> 11.4P1	11/05 - <del>2/4/07</del> 12/07	Hold. Pending Coefficients.
<p>**** The PRs that follow cannot be processed until the PGEs have completed the delivery and pre-operational testing phases. ****</p>						
PRs 81-10 thru 84-10, 73-10 to 76-10, 89-10 to 92-10  SCCRs 786, 791, 812	FM3, FM4	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	3/1/00 - 3/1/10	Pending promotion

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PRs 105-10 thru 113-10  SCCR 789	FM3, FM4	Edition3A	SFC	9.2P2 9.3P2 9.4P2	3/1/00 – 3/1/10	Pending input
PRs 97-10 thru 100-10  SCCR 794	FM3, FM4	Edition3A	SAH	5.0P2	3/00 – 2/10	Pending input
PRs 164-10 thru 169-10	Merged	Edition3A	TSI	10.0P3, 7.3.1P1	7/02 - 2/10	PRs pending review Delivered to magneto
PRs 174-10, 175-10  SCCR 804	Merged	Edition3A	SYNI	7.2.1P1	7/02 – 12/07	Delivered.
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
PRs 176-10 thru 181-10 (Excel Only) SCCRs 811, 791, 690, 789	Terra	Edition3A	SSF, SFC	4.5-6.5P4 4.5-6.2P2 4.5-6.4P1 9.2P2, 9.3P2 9.4P2	3/00 – 8/04	SCCR 811 delivered
PRs 131-10 thru 134-10 SCCR 798	FM1, FM2, FM3, FM4	ValR2	SRBAVG	10.0P1, 10.0P2	2004 seasonal months	Delivered
PRs 9-10 thru 10-10 SCCR 650	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	3/2000 – 10/05	Pending ValR2 approval
PRs 7-10 thru 8-10 SCCR 650	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	7/2002 – 10/05	Pending ValR2 approval

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PRs 135-10 thru 137-10 SCCRs 653, 787		Beta11	GGEO	11.1P10, 11.2P2, 11.4P1		In Pre-op Testing
PRs 5-10 thru 6-10 SCCR 650	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	11/05 – 12/09	Pending GGEO input data and ValRx approval
PRs 3-10 thru 4-10 SCCR 650	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	11/05 – 12/09	Pending GGEO input data and ValRx approval
PR 173-10  SCCR 804	Merged	Edition3A	SYNI	7.2.1P1	12/07 – 2/10	Delivered. Very low priority—outside of 2011 SR requirement
PRs 136-09, 137-09 SCCR <del>746</del>	FM1, FM2, FM3, FM4	Edition2A	ISCCP-D2like-Day/Nit	9.0P1	Launch thru 9/09	Pending redelivery

**Table 2. November 3, 2010 - System Issues and Status**

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> <li>• No activity. (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 CERES environment script for the <i>P6</i> platform was updated to set CFLAGS for the <i>P6</i> instead of <i>P4</i> platform. (Ayers)</li> <li>• The TISA Averaging delivery associated with SCCR 801 was pulled back from SIT so it can be recompiled and retested using the corrected CERES environment script. (Ayers)</li> <li>• Testing Instrument SCCRs 755, 756, and 770 on <i>AMI-P</i>. (Ayers)</li> <li>• Updated the Instrument and Regrid MOA Operator’s Manuals, posted them on the Web, and provided them to the ASDC. (Saunders)</li> <li>• Included modifications to CERES Operator’s Manuals in the File Management Policy as necessary. A shorter version of the File Management Policy, which contains information on active PGEs only, was created and posted on the Web. (Saunders)</li> <li>• Provided updates to Instrument 716 in response to software problem reports. (Ayers)</li> </ul>
<i>AMI</i> Job Submission Scripts – Phase 1	Ayers (Grepitotis)	<ul style="list-style-type: none"> <li>• Completed the submission scripts for Regrid MOA PGEs 12.1P1 and 12.1P2. (Hillyer)</li> <li>• Completed the submission scripts for TISA Gridding PGEs 9.0P2 and 9.0P3. (Grepitotis)</li> <li>• Development continues on the scripts for Clouds Clouds PGEs 4.1-4.1P6, 4.1-4.2P5, 4.1-4.2P4, and 4.1-4.3P3 and ERBE-like PGEs 3.1P1 and 3.2P1. (Grepitotis, Hillyer)</li> </ul>

**Table 3. CERES Subsystem Delivery Schedule – November 2010  
(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)
Instrument (SCCR 755)	June 18	July 2 In CM Queue	October 29	Updates to PGE 1.1P8 for Terra/Aqua ( <b>Edition1-CV</b> ) and <b>NPP</b> . (C++)			<i>AMI-P6</i>
Instrument (SCCR 756)	January 29	July 2 In CM Queue	October 29	New C++ CER1.4P1 (formerly CER1.3P1) for <b>Terra, Aqua,</b> and <b>NPP</b> with AMI job submission scripts.		X	<i>AMI-P6 &amp; AMI-x86</i>
Instrument (SCCR 770)	June 25	July 9 In CM Queue	October 29	New C++ Gain Analyzer CER1.4P2 (Formerly CER1.3P2) for <b>Terra, Aqua,</b> and <b>NPP</b> .		X	<i>AMI-P6 &amp; AMI-x86</i>
TISA Averaging (SCCR 795)	October 15	October 29	November 5	<b>Edition3</b> SYN/AVG/ZAVG. PGE CER8.1P1.			<i>AMI-P6</i>
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>
TISA Gridding (SCCR 813)	October 22	November 5	November 12	Delta delivery of crosstrack ancillary text files for 2010.			<i>magneto-P4</i>
Regrid MOA (SCCR 749)	October 22	November 5 In CM Queue	November 12	<b>Edition4</b> MOA to <i>AMI</i> . PGEs 12.1P1 and 12.1P2.			<i>AMI-P6 &amp; AMI-x86</i>

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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)
Clouds (SCCR 809)	October 29	November 12	November 19	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>
GCEO		December		<b>Beta1-Edition4</b> GCEO delivery.			<i>AMI-P6</i>
TISA Gridding (SCCR 765)	November 19	December 3	December 10	<b>Beta1-Edition2</b> ISCCP-D2like-FlxDay/Nit (PGE CER9.0P0).		X	<i>AMI-P6</i>
Inversion (SCCR 814)	November 26	December 10	December 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>
TISA Averaging	November 26	December 10	December 17	SRBAVG-GEO <b>Beta2-Edition3</b> . Adding Model C surface fluxes and solar insulation.			<i>AMI-P6</i>
ERBE-like (SCCR 740)	December 3	December 17	December 24	Delivery of all ERBE-like PGEs to AMI. ( <b>Edition2/Edition3</b> )			<i>AMI-P6</i>
Instrument		March 2011		Build corrects all <b>NPP</b> errors found so far. Last Build before launch freeze date. Might not be needed. Includes pre-processor.			<i>AMI-P6</i>
Instantaneous SARB		Spring 2011		<b>Beta1-Edition4</b> CRS.			<i>AMI-P6 &amp; AMI-x86</i>

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Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)	Certified Platform(s)
Instrument (SCCR 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 – October 2010**

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
		Nothing scheduled at this time.			

**Table 5. SCCR Activity October 18 at 2:30 p.m. – November 3 at 11:00 a.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>
793				X		CERESlib		
807		X				Perl_Lib	11	
810				X		CERESlib		
812				X		Inversion		
813	X					TISA Gridding	13	
814	X					Inversion	14	

**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: 09/08/2010

SCCR Number: 807

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Added the function submit to the module SGE\_Utils. This function submits a job to Sun Grid Engine via the qsub command. Previously this function existed in all of the subsystem level rcf/ directories. Also added POD documentation for the PathUtils, SGE\_Utils, and PCF\_Env modules.

Reason for Change (non-Science):

Moving the submit functionality from the subsystem level to the project level for the SGE scripting task.

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

Estimated Time to Complete Change: a day

Planned Delivery Date: 9/8/2010

List Affected Subsystems and PGE Names: All

Date: 09/10/2010      Status: Approved

Originator: MAGILL, BRIAN E. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 807:

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Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Added the Archive\_Utils.pm Perl module. This module handles directory and file access for CERES products existing in DPO structure.

Updated Pcf.pm to handle custom instance types, in addition to "Optional" and "Mandatory", when producing a PCF.

Added "Print\_User\_Param" subroutine to Pcf.pm in order to print user parameter values to the PCF without quotes.

Reason for Change (non-Science):

Extracted directory and file name access to a Perl module that conforms to DPO standards.

Added ability to support additional instance types for PCF input files.

Added ability to print user defined parameters to PCF without quotes surrounding value.

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

Estimated Time to Complete Change: 1 Day

Planned Delivery Date: 11/2/2010

List Affected Subsystems and PGE Names: All

Date & Time: 2010-11-02 16:46:14

Originator: HILLYER, THOMAS N. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: TISAgrid9.0

SCCR Date & TIME: 2010-11-01 13:01:25

SCCR No.: 813

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement #: 9-2.11

Delta Delivery

Terra\_xtrkHourly and Aqua\_xtrkHourly ancillary text files for year 2010.

Reason for Change (non-Science):

Requirement #: 9-2.11

Delta Delivery

Files are needed to process cross-track data through PGE 9.2P2 to generate Edition3 SFC product.

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: One day

Planned Delivery Date: November 3, 2010

List Affected Subsystems and PGE Names: SS9: PGE CER9.2P2

Originator: RAJU, RAJA (SSAI)

**CERES Software Configuration Change Request Submittal**

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Subsystem: Inversion                      SCCR Date & TIME: 2010-11-01 13:45:53                      SCCR No.: 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

Originator: SOTHCOTT, VICTOR E. (SSAI)

**Table 6. November 3, 2010 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
Toolkit Issues	(Hillyer)	<ul style="list-style-type: none"> <li>• HDF4 performance problem identified to be ZLIB-1.2.3. ZLIB-1.2.5 fixes the performance issue. ZLIB-1.2.5 decided not to be implemented until TK-v17 installation. (Hillyer)</li> <li>• Metadata issue identified with CER1.1P8 has been remedied on Power 6 <i>AMI</i> and <i>AMI-P</i>. (Hillyer)</li> <li>• Possible TK-v16 problem identified with CER8.1P1 with nested output directory structure. Exact cause is still being determined. (Hillyer)</li> <li>• Discovered \$PGSINC and \$PGSMSG directories fail to update properly on TK updates. Update will be applied to CERES environment setup scripts.</li> <li>• Continuing work to build a test version of the TK5.2.17v1 for each platform (<i>x86</i> &amp; <i>P6</i>) on <i>AMI</i>. (Hillyer)</li> </ul>	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>• Answering questions and responding to problem reports related to SCCR #716 on <i>AMI-P</i>. (Cooper)</li> <li>• Continuing to work with Toolkit 5.2.17v1. It has been determined that upgrading to the new TK will help speed up the performance of HDF4 on the <i>P6</i> platforms. (Hillyer)</li> </ul>	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• Continuing to examine QC checker email generated during production. (Walikainen)</li> <li>• Continuing to inspect ERBE-like Aqua and Terra output plots. (Walikainen)</li> <li>• Converted CER2.4P1 scripts and code to DPO-directory structure and executables now have platform prefixes. (Walikainen)</li> </ul>	

**Table 6. November 3, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
2.0	Walikainen (Lande)  (Continued)	<ul style="list-style-type: none"> <li>• Finished converting CER2.2P1 PCF generator script from c-shell to perl, and substituted its PCF ASCII file for a PCF log file similar to those already created for subsystem 3 PGEs. In the process, found and fixed error in the PCF file (QCchecker file path) and my PCFlog files generated up to now (incorrect Vault hash version). Also discovered potential PCF issues (i.e., Vault version of CERESHOME, use of logdir for CMSG output, and redefinition of file paths in PCF generator from those in the PGE hash). (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>• Worked on producing Edition4 QC results for validation. (R. Brown)</li> <li>• Worked on processing SSF data to produce global images for Terra Edition2B monthly results. (R. Brown)</li> <li>• Added Terra Ed4 images to the Google Map tool. (Heckert)</li> <li>• Participated in planning meetings for the Product Request Database tool. (Heckert)</li> <li>• Continued work on transferring data files and processes from Mac to the new machine <i>AMI</i>. Effort was carried out to clean up, reduce, and organize. (S. Gibson)</li> <li>• Concluded preliminary work on an image display problem on <i>AMI</i> with the development of a quick fix within a script invoked to run DX. (S. Gibson)</li> <li>• Developed two new swath projections which will enhance DX display capabilities and contribute to the development of new visual products, both for interactive study as well as publication. (S. Gibson)</li> </ul>	

**Table 6. November 3, 2010 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Brown)  (Continued)	<ul style="list-style-type: none"> <li>• Completed GEWEX modifications in code to move QC data to netcdf files. Also corrected histogram errors in same code. Recreated all GEWEX parameter files on AMI and copied to GEWEX ftp.climserv.ipsl.polytechnique.fr file server. (Smith)</li> <li>• Fixed the code of Generating SSF outputs with cloud layer weighing. (Chen)</li> <li>• Rewrite and tested the perl script of 1P6, 2P4, 2P5, and 3P3 for Edition4 Delivery. (Chen)</li> <li>• Working on CERES Clouds Edition 4. Debugged and corrected all gross mistakes or errors including both coding and science logics. Made night time cloud phase from mostly clear to what it should be, day time cloud phase from 20% bad data to reasonable results, day time cloud particle size 2.1 from blocky results to what are expected for both water and ice. Currently working on smaller scale anomalies like: false cloud phase, false clouds, strips on particle sizes, chunky no cloud retrievals. (Sun-Mack)</li> <li>• Working on NEWS new version with CALIPSO version 3 and cloud retrieval modifications/ debuggings. With this version, processed one month of data for Seiji/Norm for the A-Train meeting held on Oct 25-28, New Orleans. (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>• Determined consistency in footprints between Edition2 and Edition3 IES for seven Aqua instrument years. (Antropov) (Edition3)</li> <li>• Produced graphic of inputs for Edition3 Terra SSF Data Quality Summary and submitted to ASDC. (Miller) (Edition3)</li> <li>• Met with Diane to discuss ERBE IVT and S8 files. (Miller)</li> </ul>	

**Table 6. November 3, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.5	Sothcott	<ul style="list-style-type: none"> <li>• Attended weekly SOFA working group meetings. (Sothcott)</li> <li>• Resolved issue with SCOOOL not finding sites using the Edition3 data. They did not have an updated file in their offline processing code. (Sothcott)</li> <li>• Testing three algorithm updates for the near-surface air temperature routine and are currently running one month of data for each. Will implement the final algorithm when testing is done. (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>• No report received.</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• No report received.</li> </ul>	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• No report received.</li> </ul>	
7.1	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• No new updates. (Nguyen)</li> </ul>	
8.0	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• Work is continuing on the <i>AMI-P</i> delivery SCCR 795 which includes: performance enhancements, parameter corrections, new PGE scripts, and the reorganization of the AVG/ZAVG files into Monthly-3Hour and Monthly files. When output files are being created in the appropriate directories, the files can not be view in view_hdf. Nelson is investigating to determine the cause of the segmentation fault when HDF data were created in the long character string directories and filenames. (Lock)</li> <li>• Preparing code, scripts, and documentations for the upcoming delivery. (Lock)</li> <li>• Providing support to update the code and scripts for the delivery. (Nguyen)</li> </ul>	

**Table 6. November 3, 2010 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
10.0	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• Implemented the geocentric to geodetic code conversion for SSF 1deg and SYN 1deg code. (Nguyen)</li> <li>• Corrected the clear-sky GGEO LW fluxes and reran all Terra and Aqua SSF1deg and SYN1deg data for the ATRAiN meeting. (Nguyen)</li> <li>• Completed the Data Product Catalogs for the monthly and daily averages of SSF 1deg and SYN 1deg products. (Nguyen)</li> <li>• Working on the read software package for the SSF1deg and SYN1deg data. (Nguyen)</li> <li>• Working on creating nonGEO and GEO SRBAVGs code to produce the SRBAVG data at SCF. (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>• Work completed to process 03/2000 – 02/2010 Terra and 07/2002 – 02/2010 Aqua Edition2 SSF data through PGE CER9.0P1 on AMI and created ISCCP-D2like-Day/Nit products for subsetting purpose. (Raju)</li> <li>• PGEs 9.0P2 and 9.0P3 PCF/run scripts were tested successfully on AMI P6 and included in the delivery package. (Raju, Grepiotis)</li> <li>• Preparing the documents and the software for the SCCR 763 delivery. (Raju)</li> <li>• Identified the region/day/hour that showed very low Surface WN Model A value and sent the requested information to Dave Doelling. For his further analysis, working on the code to check the ratio between Surface model A LW and WN fluxes. (Raju)</li> </ul>	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Work completed to process 03/2000 – 02/2010 GGEO data through PGE 11.7P1 at SCF and generated ISCCP-D2like-GEO product for subsetting. (Raju)</li> </ul>	

**Table 6. November 3, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
CERES-lib or Perl_Lib	Magill	<ul style="list-style-type: none"><li>Any updates will be reported under "Toolkit Issues" under Hillyer. (Magill)</li></ul>	

**Table 7. November 3, 2010 – DM Tasks**

Activity	Status
Code Optimization (Coleman)	<ul style="list-style-type: none"> <li>• No new updates. (Coleman)</li> </ul>
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> <li>• PRs in spreadsheet version ready to live as soon as Excel_Compare is installed in order to provide a nicely formatted revision history. (Coleman)</li> <li>• Continuing to set up and verify communication between the database and web development environments. (Grune, Key, Heckert)</li> <li>• Continuing to mock up and discuss general query Web pages for the PR database. (Coleman, Heckert, Key, Grune)</li> <li>• Continuing to develop prototype of job submittal using information that can be provided by PR database. (Magill)</li> <li>• Working on the Project Plan and gathering information on various PGEs for the database automation effort. (Lisa Coleman, Ron Parrish)</li> </ul>
Ordering Tool (Kizer)	<ul style="list-style-type: none"> <li>• Continued working on new design for the CERES Ordering Tool user interface (Heckert) (ordering tool)</li> </ul>

**Table 8. November 3, 2010 – NPP Issues**

Activity	Status
FM5	<ul style="list-style-type: none"><li data-bbox="472 296 1325 401">• Iterated with SDS staff at Goddard on ERB CARS requirement verification criteria, and collected/compiled test artifacts for requirements verification. (Close)</li><li data-bbox="472 422 1325 527">• Investigated impacts of unscaling VIIRS SDR data formats. Decision to unscale VIIRS data pending a joint SDS opinion. (Close)</li><li data-bbox="472 548 1325 653">• Provided feedback on a solicitation of dataset content requirements for the NCT3 part 2 'platinum' 72 hour dataset. (Close)</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	SSI&T	16	Devel	16	SSI&T	C++ NPP, Terra, Aqua
	CER1.2P1	Y	N	N/A	SSI&T	16	SSI&T	16	SSI&T	C code, NPP capable.
	CER1.3P1	Y	N	N/A	N	N/A	SSI&T	16	SSI&T	Replace with CER1.4P1 on P6
	CER1.3P2	Y	N	N/A	N	N/A	SSI&T	16	SSI&T	Replace with CER1.4P2 on P6
	CER1.3P3	Y	N	N/A	N	N/A	SSI&T	16	SSI&T	Replace with CER1.4P3 on P6
	CER1.4P1	N	N	N/A	SSI&T	16	SSI&T	16	SSI&T	
	CER1.4P2	N	N	N/A	SSI&T	16	SSI&T	16	SSI&T	
CER1.4P3	N	N	N/A	Devel	16	Devel	16	<b>N</b>		
ERBE-like - 2	CER2.1P1	Y	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER2.2P1	Y	Y	15	Devel	16	Devel	16	<b>N</b>	Compile HDF with TK 15, run with TK 16
	CER2.3P1	Y	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER2.3P2	Y	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER2.4P1	Y	Y	16	Devel	16	Devel	16	<b>N</b>	
ERBE-like - 3	CER3.1P1	Y	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER3.2P1	Y	Y	16	Devel	16	Devel	16	<b>N</b>	

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
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	ValRx	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	<b>N</b>	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	<b>N</b>	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	<b>N</b>	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	<b>N</b>	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	<b>N</b>	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	Y	16	Devel	16	Devel	16	<b>N</b>	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	<b>N</b>	Subset postproc for Terra and Aqua (Ed4 version of 2P2)
	CER4.5-6.2P4	N	Y	16	N	N/A	N	N/A	<b>N</b>	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	<b>N</b>	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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		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
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
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	SSI&T	16	SSI&T	16	N	N/A	SSI&T	New PGE for Edition3
	CER7.2.1P1	N	Y	16	Devel	16	SSI&T	16	SSI&T	P4 only Ed2 for now, X86 for Ed2 and Ed3
TISA Avg - 8	CER8.1P1	N	Y	15	Devel	16	Devel	16	Devel	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	Devel	16	Devel	16	Devel	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N	N/A	Devel	16	Devel	16	Devel	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
TISA Avg - 10	CER9.4P2	N	SSI&T	16	N	N/A	N	N/A	n/a	New PGE for Edition3
	CER10.0P1	N	SSI&T	16	N	N/A	N	N/A	n/a	
	CER10.0P2	N	SSI&T	16	N	N/A	N	N/A	n/a	
	CER10.0P3	N	SSI&T	16	SSI&T	16	N	N/A	SSI&T	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)	
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	Y	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
1/12/2010	All	Moved PGEs with status of "Deleted" or "Disabled" to new sheet as Table 3
	CER2.1P1, CER2.4P1	Changed Planned Update status from SSI&T to ValRx
	CER2.2P1	Corrected Planned Update status from SSI&T to Developing
	CER2.3P1,2	Changed TK Version for Planned Update from 15 to 16
	CER 4.1-4.0P2, CER4.1-4.1P4,5, CER4.5-6.1P4,5, CER4.5-6.2P3, CER4.5-6.4P2	Changed Current Production Status from SSI&T to Active
	CER6.xP2	New PGEs added to Table 1
	CER12.1Px	Changed Planned Update Status to SSI&T, Changed Current Production Status TK version from 15 to 16
2/16/2010	CER1.4Px, CER5.1P3	Added
	All	Moved new PGEs in development from Current to Planned columns
	CER5.1P2, CER5.4P2, CER5.0P2	Changed Current Production Status from SSI&T to Active
	All	Added TK version for P6
3/1/2010	CER4.1-4.1P4, CER4.1-4.2P2, CER4.1-4.2P3, CER4.1-4.3P2, CER4.5-6.1P2	Changed current platforms from "W" to "W, P4", and removed "P4" and "ValRx" from planned update columns
	CER7.2.1P1	Changed current status from "ValRx" to "Active"
3/11/2010	CER12.1Px	Changed Planned Update status back from SSI&T to Developing due to the newly identified requirement for new wrapper scripts on AMI
	CER9.1P2	Removed from list
	CER9.0P2, CER9.0P3	Added to list
	CER1.0P2, CER11.10P1, CER11.2P2, CER11.4P1, CER11.6P1	Changed Planned updated status from Developing to SSI&T
	CER4.1-4.3P2	Changed P4 from planned to currently active
	CER1.1P7,8	Moved from current status columns to planned updated columns
3/30/2010	All PGEs	Added column for "New" AMI wrapper scripts
	Table 2 - Products CRS, FSW, and SFC	Changed URL Sample Read README status from "N" to "Y"
	CER1.4P1, CER9.2P2, CER9.3P2, CER9.4P2	Changed Planned Update status from Developing to SSI&T
4/13/2010	CER1.1P7, CER12.1Px	Changed Wrapper Script Status from "N" to "InProg"
	CER2.2P1, CER2.3Px	Changed Planned Updated Status from "Developing" to "SSI&T"
	CER4.1-4P5	Moved from a Current Production status of Active on P4 to a Planned update status of Developing on P4

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
5/3/2010	Many PGEs	Changed "New" Wrapper status from "N" to "n/a"; Changed Status and Platform for Planned updates to "n/a" for PGEs that are not expected to migrate to AMI
	CER1.1P8, CER1.3P2,3, CER1.4Px	Changed "new" Wrapper status from "N" to "InProg"
	CER1.4Px	Added X86 to planned update platform column
	CER4.1-4.1P4	Changed Planned update status from "ValRx" to "SSI&T" and TK Ver to 16
	CER4.5-6.2P2,4P1	
	CER5.4P2	Changed current status from ValRx to Active
	CER10.0Px	Changed status from SSI&T to ValRx
	CER11.7P1	Changed Planned update status to "SSI&T" and Planned Platform to P4
5/18/2010	All	Replaced columns indicating active platforms with platform-specific status
6/1/2010	CER4.5-6.5P4, CER4.5-6.5P5	New PGEs added to list
	CER4.5-6.5P2, CER4.5-6.5P3	Changed P4 status from SSI&T to N
	Clouds and Inversion	Changed comments to indicate Edition4 instead of Edition3
	CER9.x.P2	Changed Platform information to indicate development status on P4
6/15/2010	CER7.1.1P2, CER7.2.1P2, CER10.0P3	New PGEs added to list
	CER1.1P7	Changed Wrapper Script Status from "InProg" to "Y", changed X86 status to "Y"
	CER2.4P1	Changed P4 status from "ValRx" to "Y"
	CER4.5-6.5P4, CER4.5-6.5P5	Changed P4 status from "Devel" to "SSI&T"
	CER4.5-6.2P2	Changed P4 status from "SSI&T" to "Y"
6/28/2010	CER1.4P3	Changed "new" Wrapper status from "InProg" to "N"
	CER4.1-4.1P5, CER4.5-6.1P3	Changed P4 status from "ValRx" to "Y"
	CER9.2P2, CER9.3P2, CER9.4P2	Changed P4 status from "Devel" to "SSI&T"
7/13/2010	CER3.1P1, CER3.2P1	Changed P4 status from "SSI&T" to "ValRx"
	CER6.1P2, CER6.2P2, CER6.3P2	Changed P6 and X86 status form "Devel" to "N", Changed new wrapper status from "N" to "n/a"
	CER7.2.1P1	Changed P6 and X86 status form "N" to "Devel", Changed new wrapper status from "n/a" to "N"
	CER7.2.1P2	Changed P6 and X86 status form "Devel" to "N", Changed new wrapper status from "N" to "n/a"
	CER11.1P10, CER11.2P2	Changed P4 status from "ValRx" to "SSI&T"
	Instrument PGEs	Changed Wrapper Script Status to mirror PGE source code statuses
	CER1.1P8, CER1.4P2	Changed P6 and X86 status from "Devel" to "SSI&T"

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
7/26/2010	CER4.5-6.2P4	Added
	CER7.2.1, CER8.1P1	Changed P6 status form "N" to "Devel", Changed new wrapper status from "n/a" to "Devel"
8/10/2010	CER1.0P2	Changed P6, X86, and New wrapper script statuses from "Devel" to "SSI&T"
	CER10.0P3	Changed "new" Wrapper status from "N" to "Devel" (correction)
	CER11.1P10	Changed "new" Wrapper status from "Devel" to "N" (Correction)
	CER2.2P1, CER2.3Px	Changed P4 status from "SSI&T" to "ValRx"
8/25/2010	CER7.3.1P1, CER10.0P3	Changed P4 status from "Devel" to "SSI&T"
	CER11.1P10, CER11.4P1	Changed P4 status from "SSI&T" to "ValRx"
9/7/2010	CER4.5-6.2P4, CER4.5-6.5P4	Changed P4 status from "SSI&T" to "Y"
9/20/2010	CER7.2.1P1	Changed X86 status from "Devel" to "SSI&T"
	CER11.1P10, CER11.2P2, CER11.4P1, CER11.6P1	Changed P4 status from "ValRx" to "Y"
	CER10.0P1, CER10.0P2	Changed P4 status from "ValRx" to "SSI&T"
10/4/2010	CER2.2P1, CER2.3Px, CER2.3P1, CER2.3P2	Changed P4 status from "ValRx" to "Y"
10/18/2010	CER7.3.1P1, CER10.0P3	Changed P6 status from "Devel" to "SSI&T"
	CER7.2.1P1	Changed X86 status from "Devel" to "SSI&T"
11/1/2010	CER12.1Px	Changed P6, X86, and New Wrapper Script statuses from "Devel" to

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 <sup>1</sup>	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
SARB - 5	CER5.2P1	Deleted	
	CER5.3P1	Disabled	
TISA Grid - 6			
TISA Avg - 7.1			
SARB - 7.2			
TISA Avg - 8	CER8.2P1	Deleted	Merged with CER8.1P1
TISA Grid - 9			
TISA Avg - 10	CER10.1P1	Disabled	Replace with CER10.0P2
	CER10.1P2	Disabled	Replace with CER10.0P1
	CER10.2P1	Deleted	
	CER10.3P1	Deleted	
	CER10.1P3	Disabled	
	CER10.1P4	Disabled	Replace with CER10.0P2 for Terra
	CER10.1P5	Disabled	Replace with CER10.0P1 for Terra

Table 3. CERES Disabled and Deleted PGEs  
(Published in DMT Report Only When a PGE is Added to Table)

Subsystem ID	PGE ID	Current PGE Production Status <sup>1</sup>	Comments
GGEO - 11	CER11.1P1	Disabled	
	CER11.1P2	Disabled	
	CER11.1P3	Disabled	
	CER11.1P4	Disabled	
	CER11.1P5	Disabled	
	CER11.1P6	Disabled	
	CER11.1P7	Disabled	
	CER11.1P8	Disabled	
	CER11.2P1	Disabled	
	CER11.3P1	Disabled	
	CER11.5P1	Deleted	
	Regrid MOA -12		