

## August 25, 2010 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 08/20/10  
Active Requests in order of priority**

<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	
Standing requests AM- PR 1-05 to 7-05	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	These PRs replace standing requests AM- PR 1-00 to 7-00.
Standing requests PM-PRs 15-05 to 18-05	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	These PRs replace standing requests PM-PRs 1-05 to 4-05.
Standing requests PM-PRs 11-05 to 14-05	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	These PRs replace standing requests PM-PRs 7-05 to 10-05.
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 138-10 thru 144-10	FM1, FM2	Edition2F	SSF	Clouds, Inversion	1/06, 4/06, 11/06	In progress
PRs 147-10 thru 154-10	FM3, FM4	ValR21	BDS, IES	Instrument and ERBE- like	Selected data months – see PR	In progress
PRs 145-10, 146- 10	FM3, FM4	Edition3	BDS, IES	Instrument and ERBE- like		Pending ValR21 approval
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 – 1/1/09</del> <del>1/1/08 – 1/1/10</del> 11/30/07 - 3/1/10	In progress
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 – 1/1/09</del> <del>1/1/08 – 1/1/10</del> 11/30/07 - 3/1/10	In progress
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 - 3/1/10 hr 11	In progress
PRs 66/67/68-10, SCCR 781	FM1	Edition2G	CRS	5.0P1 5.1P1 5.4P1	12/1/07 – 2/28/10	In progress
PRs 63/64/65-10 SCCR 685	FM1	Edition2G	FSW	6.1P1 6.2P1 6.3P1	12/1/07 – 2/28/10	In progress
PR 94-09 SCCR 734	FM3, FM4	ValR14	ES8	2.2P1	<del>9/07 – 11/07</del> 9/09 – 11/09	Ready soon
PR 93-09 SCCR 734	FM3, FM4	ValR14	ES8	2.3P1	<del>9/07 – 11/07</del> 9/09 – 11/09	Ready soon
PR 92-09 SCCR 734	FM3, FM4	ValR14	ES8	2.3P2	<del>9/07 – 11/07</del> 9/09 – 11/09	Ready soon
PR 89-09 SCCR 734	FM1, FM2	ValR14	ES8	2.2P1	<del>9/07 – 11/07</del> 9/09 – 11/09	Ready soon
PR 88-09 SCCR 734	FM1, FM2	ValR14	ES8	2.3P1	<del>9/07 – 11/07</del> 9/09 – 11/09	Ready soon

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PR 87-09 SCCR 734	FM1, FM2	ValR14	ES8	2.3P2	<del>9/07—11/07</del> 9/09 – 11/09	Ready soon
PR 86-09 SCCR 735	FM1, FM2	ValR14	ES4, ES9	3.1P1	<del>10/07</del> 10/09	Ready
PR 86a-09 SCCR 735	FM1+ FM3	ValR14	ES4, ES9	3.2P1	<del>10/07</del> 10/09	Ready
PR 91-09 SCCR 735	FM3, FM4	ValR14	ES4, ES9	3.1P1	<del>10/07</del> 10/09	Ready
PRs 155-10 thru 163-10	FM1, FM2, FM3, FM4	Edition2	BDS, IES, ES8, ES4, ES9		3/2/10 – 7/1/10	ERBE-like pending ValR14 processing and approval
PRs 135-10 thru 137-10 SCCRs 653, 787		Beta11	GGEO	11.1P10, 11.2P2, 11.4P1		Ready
PRs 138-09, 139-09 SCCR 746	FM1, FM2, FM3, FM4	ValR1	ISCCP- D2like- Day/Nit	9.0P1	7/02 – 4/03 Seasonal Months only	Ready
PR 46-09	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P1	<del>1/4/1/08—12/31/08</del> 12/1/07 - 2/28/10	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>1/4/1/08—12/31/08</del> 12/1/07 - 2/28/10	Pending input
PRs 136-09, 137-09 SCCR 746	FM1, FM2, FM3, FM4	Edition2	ISCCP- D2like- Day/Nit	9.0P1	Launch thru 9/09	Pending ValR1 processing and approval
<p>**** The PRs that follow cannot be processed until the PGEs have completed the  delivery and pre-operational testing phases. ****</p>						
PRs 131-10 thru 134-10 SCCR 798	FM1, FM2, FM3, FM4	ValR2	SRBAVG	10.0P1, 10.0P2	2004 seasonal months	Delivered

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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 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
PR 60-09 SCCR 653		Edition2A	GGEO	11.1P10	11/05 – <del>6/09</del> 11/08	Pending Beta11 approval
PR 59-09 SCCR 653		Edition2A	GGEO	11.2P2	11/05 – <del>6/09</del> 11/08	Pending Beta11 approval
PR 58-09 SCCR 653		Edition2A	GGEO	<del>11.6P1</del> 11.4P1	11/05 – <del>6/09</del> 11/08	Pending Beta11 approval
PRs 81-10 thru 96-10	FM1, FM2, FM3, FM4	Edition3A	SSF	4.5-6.5P4 4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	3/1/00 – 3/1/10	In pre-op testing
PRs 105-10 thru 122-10	FM1, FM2, FM3, FM4	Edition3A	SFC	9.2P2 9.3P2 9.4P2	3/1/00 – 3/1/10	Delivered
PRs 97-10 thru 104-10	FM1, FM2, FM3, FM4	Edition3A	SAH	5.0P2	3/00 – 2/10	Pending delta delivery and input
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
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

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PRs 53-10 thru 62-10 SCCRs 799, 782, and 685	FM1, FM2	Edition2G	SSF, SFC	Clouds, Inversion, TISA-Gridding SS9	2/28/10 thru TBD	On hold pending inputs and final platform assignment

**Table 2. August 25, 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 updated Edition2 gains for Terra FM1 and FM2 and Aqua FM3 and FM4 for Mar. 2, 2010, through July 1, 2010, were installed on <i>warlock</i> and <i>AMI-P</i>, and provided to the ASDC on August 11. (Ayers) Instrument (SCCR 747) was installed, compiled, and tested on <i>AMI-P</i>, and re-released to the ASDC on August 11. (Ayers)</li> <li>• Inversion (SCCR 791) was installed, compiled, and tested on <i>magneto</i>, and released to the ASDC on August 13. (Saunders)</li> <li>• TISA Gridding (SCCR 789) was installed, compiled, and tested on <i>magneto</i>, and released to the ASDC on August 13. (Ayers)</li> <li>• The Edition 2 spectral response function files for Terra FM1 and FM2 and Aqua FM3 and FM4 for February 1, 2010, through July 1, 2010, were installed on <i>magneto</i> and <i>AMI-P</i>, and provided to the ASDC on August 16. (Ayers)</li> <li>• The Synoptic SARB delta delivery (SCCR 797) was installed on <i>magneto</i> and released to the ASDC on August 17. (Saunders)</li> <li>• The Synoptic SARB delta delivery (SCCR 803) was installed on <i>magneto</i> and released to the ASDC on August 17. (Saunders)</li> <li>• GGEO (SCCR 787) was installed, compiled, and tested on <i>magneto</i>, and released to the ASDC on August 18. (Saunders)</li> <li>• The Clouds NPP VIIRS subsetter code and Test Plan (SCCR 802) were delivered to Goddard on August 18. (Ayers)</li> <li>• GGEO (SCCR 799) was installed, compiled, and tested on <i>magneto</i>, and released to the ASDC on August 20. (Saunders)</li> <li>• The following Operator’s Manuals were updated, posted on the Web, and provided to the ASDC: Inversion (SCCR 791), TISA Averaging (SCCR 796), and Synoptic SARB (SCCR 797). (Saunders)</li> <li>• The following Test Plans were updated, posted on the Web, and provided to the ASDC: Instrument (SCCR 756), Inversion (SCCR 791), TISA Gridding (SCCR 789), and GGEO (SCCR 787). (Saunders)</li> <li>• The updated Promoted Directories and Toolkit Version per PGE documents were provided to the ASDC. (Ayers)</li> </ul>

**Table 2. August 25, 2010 - System Issues and Status**

Activity	Lead	Status
CM/Documentation (Cont'd)	Ayers (Saunders)	<ul style="list-style-type: none"> <li>• The CERES Subsystem and Coefficients Delivery Schedules were updated and posted on the Web. (Ayers, Saunders)</li> </ul>
AMI Job Submission Scripts – Phase 1	Ayers (Magill)	<ul style="list-style-type: none"> <li>• Instrument 755, Instrument 756, and Instrument 770, all of which have the Phase 1 job submission scripts, are in the CM testing queue. (Ayers)</li> <li>• The initial version of the AMI job submissions scripts for TISA Averaging PGEs 10.0P3, 7.3.1P1, and 8.1P1 are being tested by subsystem personnel. (Magill, Grepiotis)</li> <li>• Development continues on the submission scripts for Synoptic SARB PGE 7.2.1P1 and TISA Gridding PGEs 9.0P2 and 9.0P3. (Magill, Grepiotis)</li> </ul>

**Table 3. CERES Subsystem Delivery Schedule – August 2010**  
**(Next Science Team Meeting: September 13 – 16, 2010, in Paris, France)**  
**(NPP Launch Date: September 22, 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	August 13	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	August 13	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</i>
Instrument (SCCR 770)	June 25	July 9 In CM Queue	August 13	New C++ Gain Analyzer CER1.4P2 (Formerly CER1.3P2) for <b>Terra, Aqua,</b> and <b>NPP</b> .		X	<i>AMI-P6</i>
TISA Averaging (SCCR 798)	July 19	July 19 In CM Queue	August 13	Redelivery to correct a problem with <b>Edition2</b> SRBAVG.			<i>magneto-P4</i>
TISA Averaging (SCCR 796)	July 23	August 6 In CM Queue	August 13	<b>Edition3</b> TSI. PGEs CER10.0P3 and CER7.3.1P1.			<i>magneto-P4</i>
TISA Averaging (SCCR 801)	August 20	September 3	September 10	<b>Edition3</b> TSI. PGEs CER10.0P3 and CER7.3.1P1.		X	<i>AMI-P6</i>
TISA Averaging (SCCR 795)	August 20	September 3	September 10	<b>Edition3</b> SYN/AVG/ZAVG. PGE CER8.1P1.			<i>AMI-P6</i>

**Table 3. CERES Subsystem Delivery Schedule – August 2010**  
**(Next Science Team Meeting: September 13 – 16, 2010, in Paris, France)**  
**(NPP Launch Date: September 22, 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)
Synoptic SARB	August 27	September 10	September 17	<b>Edition3</b> SYNI delivery of PGE CER7.2.1P1.			<i>AMI-P6 &amp; AMI-x86</i>
TISA Gridding (SCCR 763)	September 3	September 17	September 24	<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 765)	September 10	September 24	October 1	<b>Beta1-Edition2</b> ISCCP-D2like-FlxDay/Nit (PGE CER9.0P0).		X	<i>AMI-P6</i>
Clouds		October		Terra and Aqua <b>Beta1-Edition4</b> .			<i>AMI-P6</i>
ERBE-like (SCCR 740)	October 15	October 29	November 5	Delivery of all ERBE-like PGEs to <i>AMI</i> . ( <b>Edition2/Edition3</b> )			<i>AMI-P6</i>
CERESlib		November		Inversion updates.			<i>AMI-P6, AMI-x86, &amp; magneto-P4</i>
Inversion		November		Terra and Aqua <b>Beta1-Edition4</b> .	X		<i>AMI-P6</i>
GGEO		December		<b>Beta1-Edition4</b> GGEO delivery.			<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 insolation.			<i>AMI-P6</i>

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**(NPP Launch Date: September 22, 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		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>
Instantaneous SARB		Mid-2011		New PGE to produce MATCH input files. ( <b>Edition2</b> )		X	<i>AMI-P6 &amp; AMI-x86</i>
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 – August 2010**

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
ERBE-like	N/A	September 3		Aqua Edition3 spectral response function files for Launch – September 2008.	<i>magneto/ AMI</i>

**Table 5. SCCR Activity August 9 at 5:00 p.m. – August 20 at 6:00 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>
801			X			TISA Averaging		
802	X		X			Clouds	13	
803	X					Synoptic SARB	14	

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

## CERES Software Configuration Change Request Submittal

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Subsystem: Clouds

SCCR Date & TIME: 2010-08-11 13:57:09

SCCR No.: 802

Parameter Change: ( ) YES (X) NO

**Description of Change (Science):**

The input data (VIAE/VMAE/VDNE) to the NPP subsetter has changed some. The changes are:

(1) Four shortwave SDSs from NPP\_VIAE:

- Radiance\_Img\_I1,
- Radiance\_Img\_I3,
- Reflectance\_Img\_I1,
- Reflectance\_Img\_I3

Used to be absent from the file (VIAE) during night time. It looks like with the new files, these 4 SDSs exist in the file during night time but flagged as 65529 with scale/offset being set to be -999.3. (Req.. 4-9.1)

(2)SDS: BrightTemp\_MOD\_M15 has been changed from float32 to uint16. (Req.. 4-9.1)

(3) SDSs: the name of QF\_VIIRS\_GEO\_MOD\_2 (old) was changed to QF\_Mod\_Geo\_2 (new) in NPP\_VMAE file and the name of QF\_VIIRS\_GEO\_DNB\_2 (old) was changed to QF2\_VIIRS\_SDR\_GEO (new) in NPP\_VDNE file. (Req.. 4-9.1)

(4) In multiple places, there exists more defaults which were added to Land PEATE default list since we delivered SCCR 701. (Req.. 4-9.1)

**Reason for Change (Science):**

Due to the changes in the input hdf files, modify the NPP subsetter accordingly. (Req.. 4-9.1)

**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:**

NPP-VIMD-CERES

Estimated Time to Complete Change: 24 hours

Planned Delivery Date: August 20, 2010

List Affected Subsystems and PGE Names: Subsystems: Inversion, SARB and TISA. PGE Names: unknown at this time.

Originator: SUN-MACK, SUNNY (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: SynSARB

SCCR Date & TIME: 2010-08-12 13:41:37

SCCR No.: 803

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

(Req# 7.2-1.29)

Revised the Match data set to include a SAGE stratosphere and recombine constituents to use more appropriate optical properties for Edition3 Synoptic processing.

Reason for Change (Science):

(Req# 7.2-1.29)

Changes requested by Science Team to correct accumulation of aerosols in stratospheric profile levels.

Description of Change (non-Science):

(Req# 7.2-1.29)

Revised MATCH data files will be delivered under a different subdirectory of the SARB ancillary data path.

Reason for Change (non-Science):

(Req# 7.2-1.29)

The MATCH files used in Edition2 processing of SARB and Synoptic PGEs will remain intact. The revised files are only used for

Edition3 Synoptic processing.

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: 7.2.1P1

Estimated Time to Complete Change: 1 day

Planned Delivery Date: August 13, 2010

List Affected Subsystems and PGE Names: Synoptic SARB PGE 7.2.1P1

Originator: CALDWELL, THOMAS E. (SSAI)

**Table 6. August 25, 2010 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
Toolkit Issues	(???)	<ul style="list-style-type: none"> <li>• No report received.</li> </ul>	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>• Waiting for ValR21's to be completed so they can be validated. (Cooper)</li> <li>• SCCR #717 has been promoted on <i>AMI-P</i>. SCCR #747 has been thru CM testing on <i>AMI-P</i>. SCCR #716 is now in CM Testing on <i>AMI-P</i>. An issue with CERESlib or the Toolkit caused Tammy to have to recompile CERESlib and PGE CER1.1P7 on the <i>AMI-P</i> x86 blade. So far testing for SCCR #716 has not required recompilation of any of the Ada PGEs. PGE CER1.2P1 which is written in C was recompiled due to issues with the comparison of the NPP output with the expected output created on <i>AMI</i>. The issue of why the data did not compare has been resolved; however, it may still be best to recompile all new PGEs on <i>AMI-P</i> rather than compiling on <i>AMI</i> and moving the executable over to <i>AMI-P</i>. (Ayers, Cooper)</li> <li>• Edition2 gains thru June 2010 were delivered to CERES CM, waiting for ValRx to be run to verify the delivery. (Cooper)</li> <li>• Work is continuing on the effort to use the C++ compiler optimization for CER1.1P8 on <i>AMI</i>. (Grepitotis, Timcoe)</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>• Converting CER2.4P1 scripts and code to DPO-directory structure and executables with platform prefixes. (Walikainen)</li> </ul>	

**Table 6. August 25, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
2.0	Walikainen (Lande)  (Cont'd)	<ul style="list-style-type: none"> <li>• Finished compiling ERBE-like's production environment directory listings in the 'Promoted Directories' CM document (i.e., added those of the last delivery, SCCR 734). (Lande)</li> <li>• Created PRs 155-10 through 163-10 to process Instrument and ERBE-like Edition2 for 3/10 – 6/10 with gains delivered 8/11/10 and SRFs delivered August 13. (Lande)</li> <li>• Updated ValR14 PRs to reflect consistent date across the PGEs (i.e., 2009 instead of 2007) and fixed the CC codes to reflect data/platform instances. (Lande)</li> <li>• Diagnosed data dates issues found during execution of ValR21 PRs (i.e., missing data but still valid outputs according to QC report and gif data maps generated). (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>• Completed conversion of Google Earth curtain from 1000 record images to 400 record images, improving the consistency of the curtain at the poles. (Heckert)</li> <li>• Worked on processing Daily QC results for 2008 for Yue Li. Currently have processed daily results for the months of January and February 2008. (R. Brown)</li> <li>• Processing SSF results for Aqua Edition2D for 200902. Results were posted on the Web. (R. Brown)</li> <li>• Worked on getting Clear Sky post processing working on AMI. Processed Aqua Edition1C for 200901 and posted results on the Web. (R. Brown)</li> <li>• Processed QC global images and statistics for Aqua and Terra 201007 for FLASHFlux. Processed QC global images and statistics for Aqua Edition1C for 200901 through 200902. Results were posted on the Web. (R. Brown)</li> </ul>	

**Table 6. August 25, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.1	Sun-Mack (Brown)  (Cont'd)	<ul style="list-style-type: none"> <li>• Succeeded in running multiple VIIRS granules in a Clouds system run. Some granules required Vint algorithm to be turned off to prevent bombing. (Smith)</li> <li>• Began reviewing version 2 modifications to GEWEX netcdf formats. (Smith)</li> <li>• Working on implementing CALIPOS version 3 into NEWS code. (Sun-Mack)</li> <li>• Communications with Land PEATE. Working on VIIRS subsetter modifications, testing, and delivery. (Chen, Smith, Sun-Mack, &amp; T. Ayers)</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>• Worked on a program to fill the point spread function for the footprint with MODIS albedo data. Cleaning up the code and adding algorithm description in prologue. (Antropov) (Edition3)</li> <li>• Checked staged Terra MODIS granules for mismatch scan lines. (Miller) (Edition2)</li> <li>• Calculated difference for Dec 2007 Edition2C and Edition2D using only matched footprints. SW anomaly in the Pacific wasn't present. (Miller) (Edition2)</li> </ul>	
4.5	Sothcott	<ul style="list-style-type: none"> <li>• Attended weekly SOFA working group meetings. (Sothcott)</li> <li>• Continued to work on Edition4 Beta1 software, reviewing updated subsets to be used. (Sothcott)</li> <li>• Working on incorporating the new Validation sites into the Edition4 Beta 1 software. When done, this work will be immediately put into the FLASHflux software. (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 new updates. (Caldwell)</li> </ul>	

**Table 6. August 25, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>Delivered new Edition3 SYNI MATCH data (see SCCR 803). Continuing work on SYNI delivery to <i>AMI</i>. (Caldwell)</li> </ul>	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>No new updates. (Caldwell)</li> </ul>	
7.1	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> <li>No report received.</li> </ul>	
8.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> <li>Verifying the PCF file generation and PGE scripts for the <i>AMI-P</i> delivery. Found an unnecessary READ statement in the code that will reduce the execution time. For <i>magneto</i>, it should go from 20 hours to 12 hours. For <i>AMI</i>, it should go from 9 hrs to 4 hrs. (Lock)</li> </ul>	
10.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> <li>A delivery was made to <i>magneto</i>. (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 continued on the PGE 9.0P2 software and made minor changes to write unnested regions' data to nested regions correctly. Ran five seasonal months of Terra/Aqua data through PGE and generated zonal files for validations. (Raju)</li> <li>Started working on the documents for SCCR 763 delivery on to <i>P6</i>. (Raju)</li> </ul>	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>It was decided to replace native format GEO image files from 03/00 – 05/04 with MCIDAS format files. Working with Doug Spangenberg. Processed one day of 03/00 G-08, G-10, 04/03 G-12 images through CER11.1P10, CER11.2P2, &amp; CER11.4 successfully. Sent the correlation plots to Dave for evaluation. (Raju)</li> <li>Continued to check web plots for months 11/05 – 02/10 for bad scans to create input files for CER11.6P1 process. (Raju)</li> </ul>	

**Table 6. August 25, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
11.0	Raju (Nguyen)  (Cont'd)	<ul style="list-style-type: none"><li>• Sections of GGEO code no longer needed after the redesign are being identified and removed. Work continued on supporting scripts and simplifying the new code. Testing continued on various satellite data sets. (Ron Parrish)</li></ul>	
CERES- lib or Perl_Lib	Magill	<ul style="list-style-type: none"><li>• No report received.</li></ul>	

**Table 7. August 25, 2010 – DM Tasks**

Activity	Status
Code Optimization (Coleman)	<ul style="list-style-type: none"> <li>• ODU has been provided with a breakdown of where time is spent in the code. One point of action is the elimination of the unnecessary READ statement. If another specific point can be defined, ODU will assist. (Lock)</li> </ul>
Production Processing Database/ Automation (Coleman)	<ul style="list-style-type: none"> <li>• Continuing to populate Production Monitoring Data Base with legacy data. (Grune, Heckert)</li> <li>• Conducted PR DataBase Design Review. (Coleman, Grune)</li> </ul>
Ordering Tool (Kizer)	<ul style="list-style-type: none"> <li>• Continuing to develop the Ceres Ordering Tool Statistics Web Tool with graphical options. (Heckert)</li> <li>• Working with Production Request Optimization Team to input legacy dataset data run information that feeds into the Data Availability tables. (Heckert)</li> <li>• Worked with Joanne to provide her the capability to modify and provide documents on the CERES Documentation web pages. (Kizer)</li> <li>• Removed the limit of max 150 browse image with providing pages as needed. (Chu &amp; Mitrescu)</li> <li>• Developing large order capabilities and determining the backend requirements for ultimately generating Shopping Cart capabilities. (Chu &amp; Mitrescu)</li> <li>• Added PNG bar graph capability to the CERES Ordering Statistics Tool in addition to HTML bar graph to view data (ordering tool). (Heckert)</li> <li>• Developed scripts to load data availability data from text files into the development database (completed for ES8, ES9, ES4, BDS) (ordering tool). (Heckert)</li> </ul>

**Table 8. August 25, 2010 – NPP Issues**

Activity	Status
FM5	<ul style="list-style-type: none"><li>• Continued preparations for SDS Functional testing on September 10, developing test procedures, test artifacts, and report templates. (Close)</li><li>• Revised ERB CARS SW Build 2 dates and functionality to match the current DMT CM delivery schedule, and include applicable SCCR numbers. Build 2 was completed August 11. (Close)</li><li>• Wrote and submitted an abstract for the 7th Annual Symposium on Future National Operational Environmental Satellite Systems during the annual AMS conference in Seattle, January 23-27. (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	ValRx	15	Devel	16	Devel	16	<b>N</b>	Compile HDF with TK 15, run with TK 16
	CER2.3P1	Y	ValRx	16	Devel	16	Devel	16	<b>N</b>	
	CER2.3P2	Y	ValRx	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	ValRx	16	Devel	16	Devel	16	<b>N</b>	
	CER3.2P1	Y	ValRx	16	Devel	16	Devel	16	<b>N</b>	

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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
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	SSI&T	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	SSI&T	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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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	Devel	16	Devel	16	Devel	New PGE for Edition3
	CER7.2.1P1	N	Y	16	Devel	16	Devel	16	Devel	Ed2 only for now, Ed3 version requires delta delivery
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	<b>N</b>	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N	N/A	Devel	16	Devel	16	<b>N</b>	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	ValRx	16	N	N/A	N	N/A	n/a	
	CER10.0P2	N	ValRx	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

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GGEO - 11	CER11.1P10	N	ValRx	16	Devel	16	Devel	16	<b>N</b>	
	CER11.2P2	N	ValRx	16	Devel	16	Devel	16	<b>N</b>	
	CER11.4P1	N	ValRx	16	Devel	16	Devel	16	<b>N</b>	
	CER11.6P1	N	ValRx	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	Devel	16	Devel	16	Devel	Back from SSI&T for newly required AMI scripts
	CER12.1P2	N	Y	16	Devel	16	Devel	16	Devel	Ed4 MOA -- Back from SSI&T for newly required AMI scripts

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	Added P4 to Current Prod Platform & removed P4 from Planned update columns
	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"

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			