

## September 8, 2010 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 09/08/10  
Active Requests in order of priority as of 09/07/10**

<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 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 171-10	FM3	Edition3	SCCD/ SCCN	2.4P1	7/02 – 9/08	Updated software delivered
PR 170-10	FM4	Edition3	SCCD/ SCCN	2.4P1	7/02 – 3/05	Updated software delivered
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
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	3/1/00 – 3/1/10	In progress
PRs 101-10 thru 104-10  SCCR 794	FM1, FM2	Edition3A	SAH	5.0P2	3/00 – 2/10	Pending input
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

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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 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
PR 94-09 SCCR 734	FM3, FM4	ValR14	ES8	2.2P1	9/07 – 11/07	In progress
PR 93-09 SCCR 734	FM3, FM4	ValR14	ES8	2.3P1	9/07 – 11/07	In progress
PR 92-09 SCCR 734	FM3, FM4	ValR14	ES8	2.3P2	9/07 – 11/07	In progress
PR 89-09 SCCR 734	FM1, FM2	ValR14	ES8	2.2P1	9/07 – 11/07	In progress
PR 88-09 SCCR 734	FM1, FM2	ValR14	ES8	2.3P1	9/07 – 11/07	In progress
PR 87-09 SCCR 734	FM1, FM2	ValR14	ES8	2.3P2	9/07 – 11/07	In progress
PR 86-09 SCCR 735	FM1, FM2	ValR14	ES4, ES9	3.1P1	10/07	In progress
PR 86a-09 SCCR 735	FM1+ FM3	ValR14	ES4, ES9	3.2P1	10/07	In progress
PR 91-09 SCCR 735	FM3, FM4	ValR14	ES4, ES9	3.1P1	10/07	In progress
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 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
PRs 135-10 thru 137-10 SCCRs 653, 787		Beta11	GGEO	11.1P10, 11.2P2, 11.4P1		Ready
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> - 6/30/10	Process 1 <sup>st</sup> month and wait for SS checkout

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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>
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> 6/30/10	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 approval
PRs 138-10 thru 144-10	FM1, FM2	Edition2F	SSF	Clouds, Inversion	1/06, 4/06, 11/06	Complete. 8/26/10
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	Complete. 7/13/10
<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
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>11/08</del> 2/10	Pending Beta11 approval
PR 59-09 SCCR 653		Edition2A	GGEO	11.2P2	11/05 – <del>11/08</del> 2/10	Pending Beta11 approval
PR 58-09 SCCR 653		Edition2A	GGEO	<del>11.6P1</del> 11.4P1	11/05 – <del>11/08</del> 2/10	Pending Beta11 approval
PRs 81-10 thru 84-10, 73-10 to 76-10, 89-10 to 92-10 SCCRs 786, 791, 690	FM3, FM4	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	3/1/00 – 3/1/10	Pending SRF inputs and pre-op testing

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PRs 114-10 thru 122-10  SCCR 789	FM1, FM2	Edition3A	SFC	9.2P2 9.3P2 9.4P2	3/1/00 – 3/1/10	Delivered
PRs 105-10 thru 113-10  SCCR 789	FM3, FM4	Edition3A	SFC	9.2P2 9.3P2 9.4P2	3/1/00 – 3/1/10	Delivered
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	SSF-TSI	10.0P3, 7.3.1P1	7/02 - 2/10	PRs pending review Delivered to <i>magneto</i>
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

**Table 2. September 8, 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>• TISA Averaging (SCCR 796) was installed, compiled, and tested on <i>magneto</i>, and released to the ASDC on September 1. The TISA Averaging Test Plan was updated, posted on the Web, and provided to the ASDC. (Saunders)</li> <li>• Updated versions of the PCF generators for ERBE-like PGEs CER2.3P1 and CER2.3P2 were installed on <i>magneto</i> on September 2 in response to Software Problem Report 124. (Ayers)</li> <li>• Testing for Instrument 716 on <i>AMI-P</i> is almost complete. Testing for Instrument 755, 756, and 770 on <i>AMI-P</i> will follow. The following are in the testing queue on <i>magneto</i>: TISA Averaging (SCCR 798) and ERBE-like (SCCRs 805 and 806). Having a problem testing TISA Averaging 798 on <i>magneto</i> because IDL is in Demo mode. (Ayers, Saunders)</li> <li>• Denise has volunteered to be the back-up tester on <i>AMI-P</i>. (Cooper)</li> <li>• The CERES Subsystem and Coefficients Delivery Schedules were updated and posted on the Web. (Ayers, Saunders)</li> </ul>
<i>AMI</i> Job Submission Scripts – Phase 1	Ayers (Magill)	<ul style="list-style-type: none"> <li>• The baseline version of the <i>AMI</i> job submissions scripts for TISA Averaging PGEs 10.0P3, 7.3.1P1, and 8.1P1 and Synoptic SARB PGE 7.2.1P1 are being tested by subsystem personnel. (Magill, Grepiotis)</li> <li>• Development continues on the submission scripts for TISA Gridding PGEs 9.0P2, 9.0P3, and 9.0P0. (Grepiotis, Hillyer)</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>
ERBE-like (SCCR 805)	August 27	September 3 In CM Queue	September 10	Delta delivery for PGE CER2.1P1.			<i>magneto-P4</i>
ERBE-like (SCCR 806)	August 27	September 3 In CM Queue	September 10	Delivery of PGE CER2.4P1.			<i>magneto-P4</i>
Perl_Lib	August 27	September 10	September 17	Adding Submit function to SGE_Utils.			<i>AMI-P6 &amp; AMI-x86</i>
Synoptic SARB (SCCR 804)	August 27	September 10	September 17	<b>Edition3</b> SYNI delivery of PGE CER7.2.1P1.			<i>AMI-P6 &amp; AMI-x86</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)
TISA Averaging (SCCR 801)	September 3	September 17	September 24	<b>Edition3</b> TSI. PGEs CER10.0P3 and CER7.3.1P1.		X	<i>AMI-P6</i>
TISA Averaging (SCCR 795)	September 3	September 17	September 24	<b>Edition3</b> SYN/AVG/ZAVG. PGE CER8.1P1.			<i>AMI-P6</i>
TISA Gridding (SCCR 763)	September 10	September 24	October 1	<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 17	October 1	October 8	<b>Beta1-Edition2</b> ISCCP-D2like-FlxDay/Nit (PGE CER9.0P0).		X	<i>AMI-P6</i>
Clouds	October 15	October 29	November 5	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 12	November 26	December 3	Inversion updates.			<i>AMI-P6, AMI-x86, &amp; magneto-P4</i>
Inversion	November 12	November 26	December 3	Terra and Aqua <b>Beta1-Edition4</b> .	X		<i>AMI-P6</i>
GGEO		December		<b>Beta1-Edition4</b> GGEO delivery.			<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)
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>
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>
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	October 1		Aqua Edition3 spectral response function files for Launch – September 2008.	<i>magneto/ AMI</i>

**Table 5. SCCR Activity August 20 at 6:00 p.m. – September 7 at 3:00 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>
717				X		Instrument		
802				X		Clouds		
804	X					Synoptic SARB	12	
805	X					ERBE-like	13	
806	X					ERBE-like	14	

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

## CERES Software Configuration Change Request Submittal

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Subsystem: SynSARB

SCCR Date & TIME: 2010-08-25 14:52:50

SCCR No.: 804

Parameter Change: ( ) YES (X) NO

Description of Change (Science):  
N/A

Reason for Change (Science):  
N/A

Description of Change (non-Science):  
(Req# 7.2-1.30)

Delivery of Synoptic SARB PGE 7.2.1P1 to AMI system for Edition2 and Edition3 SYNI (see SCCR 797) processing. This will include the new scripts for submission of jobs to SGE as directed by SEC.

(Req# 7.2-1.31)

This delivery will include the Edition2 and revised Edition2 MATCH files for 2000 through 2009 (see SCCR 803) used in Synoptic processing.

Reason for Change (non-Science):  
(Req# 7.2-1.30)

Migration of PGE 7.2.1P1 to AMI is necessary to meet Edition3 production schedules.

(Req# 7.2-1.31)

Both sets of MATCH files are needed for 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:  
CER7.2.1P1

Estimated Time to Complete Change: 2 weeks

Planned Delivery Date: September 10, 2010

List Affected Subsystems and PGE Names: None

Originator: CALDWELL, THOMAS E. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: ERBEl like    SCCR Date & TIME: 2010-08-30 17:17:45    SCCR No.: 805

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

NA

Reason for Change (Science):

NA

Description of Change (non-Science):

( Req 2-5 ) Convert ERBEl like code to work on MAGNETO.

Copy SNOW file to appropriate directory for CER2.2P1, CER2.3P1 and CER2.3P2.

A cp command will be added to CER2.4P1 ( run script ).

Reason for Change (non-Science):

Can not produce Edition2 and Edition3 ES8s without SNOW file in appropriate directory.

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:

CER2.1P1, CER2.2P1, CER2.3P1 and CER2.3P2

Estimated Time to Complete Change: 1 day

Planned Delivery Date: 8/31/10

List Affected Subsystems and PGE Names: None

Originator: WALIKAINEN, DALE R. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: ERBEl like

SCCR Date & TIME: 2010-08-30 17:55:09

SCCR No.: 806

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

NA

Reason for Change (Science):

NA

Description of Change (non-Science):

( Req 2-5 ) Convert ERBEl like code to work on MAGNETO.

When we set up the scc code ( in 2002 ) for production we wanted a qc check for the number of "bad fits" (relrms > 0.3). We set this at 50, with this delivery it will be 500. This will force qc checking to be done during off-line analysis.

Reason for Change (non-Science):

Soon-to-be-delivered FM3 Edition3 spectral response files produce

51 and 54 "bad fits". Production code was designed to abort when 50 was exceeded.

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:

CER2.4P1

Estimated Time to Complete Change: 4 days

Planned Delivery Date: 9/3/10

List Affected Subsystems and PGE Names: Inversion: CER4.5-6.1P2, CER4.5-6.1P3, CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.3P2, CER4.5-6.3P3, CER4.5-6.6P2, CER4.5-6.6P3

Originator: WALIKAINEN, DALE R. (SSAI)

**Table 6. September 8, 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>Discovered ValR21s were being processed with incorrect gain input data files. Waiting for the updated ValR21s to be processed to validate the data. (Cooper)</li> <li>SCCR #716 is in testing on <i>AMI-P</i>. There are 70 test cases for this SCCR. Once this SCCR has been released and operational testing and ValRs have been completed, all the existing Instrument PGEs will be available to run on <i>AMI-P</i> and then they can be removed from <i>warlock</i> production processing. (Ayers, Cooper)</li> <li>Waiting for ValRx to be run to verify the delivery of the Edition2 gains. It may be best to wait to run ValRs until SCCR #716 has been promoted to <i>AMI-P</i>. (Cooper)</li> <li>Looked into the native C++ compiler on <i>AMI</i>; however, it does not yet seem to be available. Once it is available, testing of the new code will be done using this new compiler to determine if we want to change over to use the native compiler rather than the GNU C++ compiler. (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> <li>Preparing for NPP Functional Testing. (Walikainen)</li> <li>cm-moved 805 for a delta delivery: Copy SNOW file to appropriate directory for CER2.2P1, CER2.3P1 and CER2.3P2. A "cp -p" command will be added to CER2.4P1 "script". (Walikainen)</li> </ul>	

**Table 6. September 8, 2010 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
	Walikainen (Lande)  (Continued)	<ul style="list-style-type: none"> <li>• cm-moved 806. When we set up the scc code (in 2002) for production we wanted a qc check for the number of "bad fits" (relrms &gt; 0.3). We set this at 50, with this delivery it will be 500. This will force qc checking to be done during off-line analysis. Soon-to-be-delivered FM3 Edition3 spectral response files produce 51 and 54 "bad fits". Production code was designed to abort when 50 was exceeded. (Walikainen)</li> <li>• Found and fixed an error and omissions in the input files lists created by the PCF generators (i.e., the PCF and log files) for subsystem 3 PGEs to be delivered to <i>AMI</i> as part of SCCR 740. Tested gen_pcf.CER3.1.pl to verify correct log listings of used and optional missing files in case of missing EID6/CXDR inputs. (Lande)</li> <li>• Finalized remaining portions of ValR14 PRs for ERBE-like migration to <i>magneto</i> (SCCRs 734 &amp; 735). Decided to go back to the original 2007 run date using existing ValR14 SCCD/Ns and archival Edition2 PRES8s (via DAACget) and NSIDC snow map (found on <i>warlock</i>). Sent PR doc to Lisa. (Lande)</li> <li>• Resolved 2 issues encountered by Angel during PGE testing of SCCR 734 on <i>magneto</i>: Toolkit version switching warning during CER2.2P1 execution and prbm report #124 (incorrect directory path to input SCC files needed by CER2.3P1/2). Later issue involved delta delivery of 2 edited PCF generators. (Lande)</li> <li>• Found and suggested solution to SNOW output/input directory mismatch between CER2.1P1 and CER2.2P1/CER2.3P1/2 on <i>magneto</i>. Implemented by Dale via SCCR 805. (Lande)</li> <li>• Put together Edition2 portion of Test Plan input/expected output data set for re-delivery of CER2.4P1 to <i>magneto</i> (SCCR 806). Indicated corresponding Operator's Manual corrections to Joanne. (Lande)</li> </ul>	

**Table 6. September 8, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
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>• SSF global images and statistics were processed from 200903 through 200906. Worked on reprocessing SSF data for Aqua Edition2B (200207 - 200604), Aqua Edition2C (200605 - 200712), Terra Edition2B (200003 - 200607), and Terra Edition 2F (200605 - 200712) to include the North Pole and the South Pole projection. Web scripts were modified to show global, North Pole and South Pole projections. Results are posted on the Web. (R. Brown, Chen)</li> <li>• Worked on processing Daily QC global data for Yue Li (Texas A&amp;M). Daily QC global data was processed for March 2008 through October 2008. (R. Brown)</li> <li>• QC global images and statistics were processed for Aqua Edition1C from 200903 through 200906. Results were posted on the Web. (R. Brown)</li> <li>• Continued work on code for creating and maintaining GEWEX version 2 netcdf files, incorporating all new specifications and communicating with GEWEX group. (Smith, Sun-Mack)</li> <li>• Worked on NEWS project to implementing CALIPSO Version 3. (Sun-Mack)</li> <li>• Processed a month of NEWS data, post-processed and coded the comparisons among CERES, CALIPSO version 3 and CALIPSO version 2. Preparation for CERES STM talk. (Sun-Mack)</li> <li>• Worked on cloud optical depth for various channels (0.6, 1.6 and 2.1 <math>\mu\text{m}</math>) over snow/ice surfaces. (Ed3 effort) (Chen, 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>• Porting a program to fill the point spread function for the footprint with MODIS albedo data to the <i>x86</i>. (Antropov) (Edition3)</li> </ul>	

**Table 6. September 8, 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>• Continued work on Edition4-Beta1 software. Moved code to <i>AMI</i> and started testing to verify running and results. Terra testing looks good so far; Aqua testing is just getting started. (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>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Preparing Edition3 SYN for 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>• Verifying scripts for delivery on <i>AMI-P</i>. (Nguyen)</li> </ul>	
8.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> <li>• Verified the output per current <i>magneto</i> code. Still tweaking the PGE scripts. Since a performance improvement is available, a request to the scientists to also deliver cleaner code to <i>magneto</i> is on the table. This will require a review of the output by the Scientists. Testing of different months data is in progress on <i>AMI</i>. (Lock)</li> </ul>	
10.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> <li>• Ran 10 years of Terra SSF 1deg and SYN 1deg with v06 Terra SSF data for Norman Loeb. (Nguyen)</li> <li>• Ran 7 years of Aqua SSF 1deg and SYN 1deg with Aqua SSF for Norman Loeb. (Nguyen)</li> <li>• Created the netCDF and EBAF data for Norman Loeb for validation. (Nguyen)</li> <li>• Preparing for the lite SSF and SYN product archives. (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>• Received modified PGE 9.0P3 software from Moguo Sun. Updated PCF scripts and processing seasonal months for his presentation at the meeting. (Raju)</li> </ul>	

**Table 6. September 8, 2010 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Work continued to process GEO data in MCIDAS format through PGE 11.1P10 and comparing the outputs with the production outputs created with the native data format. (Raju)</li> <li>• Testing/debugging continues on the new CER11.1P10 PCF script. Also modifying the SATFILES scripts which are used when generating a PCF for an entire month. (Ron Parrish)</li> </ul>	
CERES-lib or Perl_Lib	Magill	<ul style="list-style-type: none"> <li>• No new updates. (Magill)</li> </ul>	

**Table 7. September 8, 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>• Preparing PR Database Requirements document and process flow diagrams. (Coleman, Gleason)</li> </ul>
Ordering Tool (Kizer)	<ul style="list-style-type: none"> <li>• No new updates. (Kizer)</li> <li>• Developed scripts to load daily, monthly, hourly and zonal data availability for products ES8, ES9, ES4, BDS, FSW, SFC and SSF. (Heckert)</li> <li>• Loaded all Availability data into the Development Database for the above products. (Heckert)</li> <li>• Data is used to generate the availability chart at <a href="http://ceres.larc.nasa.gov/product_availability.php">http://ceres.larc.nasa.gov/product_availability.php</a>. (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, preparing and delivering the test readiness review package, test procedures, and detailed test plan to the SDS test team. TRR is Wednesday at 3:00 in Bldg. 1268c, room 2316. Testing is Friday beginning at 9:00. (Closs)</li><li>• Revised ERB CARS SW Build 3 dates and functionality to comply with NPP launch readiness requirement of L-1 year. Build 3 is scheduled to be completed October 26, 2010. (Closs)</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>	

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>	

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
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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		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	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

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
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
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
5/18/2010	CER11.7P1	Changed Planned update status to "SSI&T" and Planned Platform to P4
	All	Replaced columns indicating active platforms with platform-specific status columns
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"

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

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		