

## October 15, 2008 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 10/09/2008  
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	
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.
PR 71-08	FM3, FM4	Beta5	TSIB	7.1.1P1	4/02 – 4/05 Aprils only	In progress
PR 69-08	FM3, FM4	Beta5	SYNI	7.2.1P1	4/02 – 4/05 Aprils only	In progress
PR 72-08	FM1, FM2	Beta5	TSIB	7.1.1P1	02/01 – 12/01 (Except seasonal months), 02/04	Done. 10/9/08
PR 70-08	FM1, FM2	Beta5	SYNI	7.2.1P1	02/01 – 12/01 (Except seasonal months), 02/04	Process as inputs become available

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PR 80-08	FM1+ FM3	Edition2	ERBE-like combined satellite	3.2P1	01/07 – 08/07	
PR 59-08	FM3 V005 MOD08	Edition2C	CRS Inst SARB	5.0P1 5.1P2 5.4P2	1/1/07 – 8/31/07	Done. 10/1/08
PR 58-08	FM3	Edition2C	FSW TISA-Grid	6.1P1 6.2P1 6.3P1	1/1/07 – 8/31/07	Done.. 10/2/08
57-08	FM1, FM2, MODIS V005	Edition2A-QC	SSFI Clouds	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	1/1/07 – 9/1/07	In progress
56-08	FM1, FM2	Edition2F	SSF Inversion	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/1/07 – 9/1/07	In progress
PR 73-08	GGEO	Beta1	GGEO ISCCP- D2like	11.7P1	07/02, 10/02, 01/03, 04/03	Done. 10/7/08
55-08	FM1, FM2	Edition2F	SFC TISA-Grid	9.2P1 9.3P1 9.4P1	12/31/06 hr 12 – 9/1/07 hr 11	In progress.
54-08	FM1 V005 MOD08	Edition2F	CRS Inst SARB	5.0P1 5.1P1 5.4P1	1/1/07 – 8/31/07	Ready to process when inputs are available
53-08	FM1	Edition2F	FSW TISA-Grid	6.1P1 6.2P1 6.3P1	1/1/07 – 8/31/07	Ready to process when inputs are available
PR 61-08	FM3, FM4	Edition2C Ed2-NoSW	SSF Inversion	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	1/1/07 – 9/1/07	Done. 9/3/08. but will rerun 2P2 and 4P1 to correct CC number used when time to process remainder of 2007
PR 64-08	FM3, FM4	Edition1B- IGBP	SSFI Clouds	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	01/01/2004 – 12/31/2005	IN THE BACKGROUND PRIORITY Promoted.
PR 63-08	FM3, FM4	Ed2C-MOD- C4-Land- IGBP	SSF Inversion	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	01/01/2004 – 12/31/2005	Ready to process when inputs are available from PR 64-08

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PR 79-08		Beta10	GGEO	11.1P10	11/05 – 8/07	ON HOLD until MTSAT data are available
PR 78-08		Beta10	GGEO	11.2P2	11/05 – 8/07	ON HOLD until MTSAT data are available
PR 77-08		Beta10	GGEO	11.4P1	11/05 – 8/07	ON HOLD until MTSAT data are available
PR 76-08	GGEO	Edition2A	GGEO	11.1P10	11/05 – 8/07	ON HOLD pending promotions, approvals, etc
PR 75-08	GGEO	Edition2A	GGEO	11.2P2	11/05 – 8/07	ON HOLD pending promotions, approvals, etc
PR 74-08	GGEO	Edition2A	GGEO	11.6P1	11/05 – 8/07	ON HOLD pending promotions, approvals, etc

**Table 2. October 15, 2008 - System Issues and Status**

Activity	Lead	Status
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>• Output filenames and directories were corrected for PGE CER7.1.1P1 in the TISA Averaging Operator’s Manual and the File Management Policy. The updated documents were delivered to the ASDC and posted on the Web. (Saunders)</li> <li>• The Promoted Directories document was updated to include information about which directories need to exist in production but don’t need to be promoted from the SSI&amp;T area. The document was sent to the ASDC. (Ayers)</li> <li>• The ISCCP-D2like-Day/Nit and ISCCP-D2like-GEO DPC sections were updated and posted on the Web. (Ayers, Saunders)</li> <li>• The ISCCP-D2like-Day/Nit and ISCCP-D2like-GEO sample read packages were delivered to the ASDC. (Ayers)</li> <li>• The EBAF parameter list document was provided to the ASDC to replace the EBAF DPC section. (Ayers, Saunders)</li> <li>• The CERES Subsystem and Coefficients Delivery Schedules were updated and posted on the Web. (Ayers, Saunders)</li> </ul>

**Table 3. CERES Subsystem Delivery Schedule - October 2008**  
**(Next Science Team Meeting – October 27 – 29, 2008 at GISS in New York, NY)**

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)
CERESlib	September 26	October 10	October 17	New Toolkit.			<i>magneto</i>
Regrid MOA (SCCR 686)	October 10	October 24	October 31	G5 for Edition2 on <i>magneto</i> .			<i>magneto</i>
TISA Gridding (SCCR 684)	October 17	October 31	November 7	PMOA delivery dealing with overlap file checking and reading G5-CERES MOA input.	X		<i>magneto</i>
ERBE-like	October 24	November 7	November 14	To process on <i>magneto</i> .			<i>magneto</i>
TISA Averaging	October 24	November 7	November 14	To correct HDF problem in Subsystem 8.			<i>magneto</i>
TISA Gridding (SCCR 685)	October 31	November 14	November 21	Edition2 on <i>magneto</i> .			<i>magneto</i>
Instantaneous SARB	October 31	November 14	November 21	Terra Edition2 on <i>magneto</i> .			<i>magneto</i>
Inversion	November 21	December 5	December 12	Edition2 on <i>magneto</i> .			<i>magneto</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)
TISA Averaging (SCCR 650)	November 28	December 12	December 19	Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing. New PGEs: CER10.0P1, CER10.0P2, & CER10.0P3.	X	X	<i>magneto</i>
GGEO (SCCR 653)	December 5	December 19	December 26	Initial coefficient delivery for 11/05 - 8/07. Code delivery to support Beta10 GGEO processing.			<i>magneto</i>
Clouds	January 2009			Edition2 on <i>magneto</i> .			<i>magneto</i>
TISA Gridding	Winter			New PGE 9.0P2 (?) for new ISCCP-D2-like-Flux (?) product.		X	<i>magneto</i>
GGEO	Spring 2009			New PGE 11.7P2 (?) for new ISCCP-D2-like-Merge (?) product.		X	<i>magneto</i>
Regrid MOA	???			To process the G5 CERES data that will be coming to support Edition3.			<i>magneto</i>
Clouds	???			Support TRMM VIRS-only processing of August 2001 forward.			<i>magneto</i>
Inversion	Two to four weeks after Clouds			Support TRMM VIRS-only processing.			<i>magneto</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</i>

**Table 4. CERES Coefficients Delivery Schedule - October 2008**

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
GGEO		???		Final coefficients for 11/05 - 08/07.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	???		Terra Edition3 gains and spectral response function files.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	???		Aqua Edition3 gains and spectral response function files.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	???		TRMM Edition3 gains and spectral response function files.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	???		Edition2 gains and spectral response function files.	<i>warlock/ magneto</i>

**Table 5. SCCR Activity September 15 at 2:00 p.m. – September 29 at 2:15 p.m.**

SCCR	S	U	A	C	D	SS	Page No.	Comments
677				X		7.1		
682			X			9		
683	X	X				12	9	
684	X					9	11	
685	X					6 & 9	12	
686	X					12	13	
687	X		X			11	14	

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

**CERES Software Configuration Change Request Submittal**

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Subsystem: MOA

SCCR Date: 10/01/2008

SCCR Number: 683

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

Parameter Change: ( ) YES (X) NO

Description of Change (Science):  
None

Reason for Change (Science):  
None

Description of Change (non-Science):  
(Req# 12-1.5)  
Modify existing routines to enable access of G5-based MOA files by subsystems

(Req# 12-1.6)  
Implement additional version of MOA\_to\_TISA subroutine. (MOA\_to\_TISA\_Alt)

Reason for Change (non-Science):  
(Req# 12-1.5)  
This will enable processing of G5 data by CERES subsystems.

(Req# 12-1.6)  
A new subroutine was needed to address I/O issues resulting from running GGEO processes on magneto.

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: CER12.1P1

Estimated Time to Complete Change: 1 week

Planned Delivery Date: October 8, 2008

List Affected Subsystems and PGE Names: None

Date: 10/01/2008 Status: Submitted

Originator: CALDWELL, THOMAS E. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 683:

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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):

(Req# 12-1.6)

Implement additional version of MOA\_to\_TISA subroutine. (MOA\_to\_TISA\_Alt)

Reason for Change (non-Science):

(Req# 12-1.6)

A new subroutine was needed to address I/O issues resulting from running TISA Gridding (not GGEO) processes on magneto.

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: CER12.1P1

Estimated Time to Complete Change: 1 week

Planned Delivery Date: October 8, 2008

List Affected Subsystems and PGE Names: None

Date & Time: 2008-10-01 14:04:35

Originator: CALDWELL, THOMAS E. (SSAI)

## CERES Software Configuration Change Request Submittal

=====

Subsystem: TISAGrid9.0                      SCCR Date & TIME: 2008-10-02 08:46:48                      SCCR No.: 684

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement # 9-1.1

PMOA delivery dealing with overlap file checking and reading G5-based MOA input.

Reason for Change (non-Science):

Requirement # 9-1.1

PCF scripts were updated to check for overlap file inputs and create PCF file only when they are available.+Code was updated to include an index for G5-based moa to make it consistent with the moa access routines.

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:PGE CER9.1P1

Estimated Time to Complete Change: Completed

Planned Delivery Date: October 31, 2008

List Affected Subsystems and PGE Names: N/A

Originator: RAJU, RAJA (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: TISAGrid                      SCCR Date & TIME: 2008-10-02 13:54:11                      SCCR No.: 685

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement #: 9-2.1; 9-3.1; 9-4.1

Subsystem 9 delivery to process on magneto.

Requirement #: 6-1.1; 6-2.1; 6-3.1

Subsystem 6 delivery to process on magneto.

Reason for Change (non-Science):

Requirement #: 9-2.1; 9-3.1; 9-4.1

To support Edition2 Terra and Aqua SFC processing on magneto.

Requirement #: 6-1.1; 6-2.1; 6-3.1

To support Edition2 Terra and Aqua FSW processing on magneto.

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: 9.2P1, 9.3P1, 9.4P1, 6.1P1, 6.2P1, 6.3P1

Estimated Time to Complete Change: 6 weeks

Planned Delivery Date: November 14, 2008

List Affected Subsystems and PGE Names: Subsystem 9 and Subsystem 6

Originator: RAJU, RAJA (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: MOA                      SCCR Date & TIME: 2008-10-03 09:29:24      SCCR No.: 686

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

(Req# 12-1.9)

G5 ozone data to replace OMI data as backup to SMOBA ozone data

Reason for Change (Science):

(Req# 12-1.9)

Requested by Science Team members

Description of Change (non-Science):

(Req# 12-1.7)

Enable processing of GMAO G5 data in MOA subsystem

(Req# 12-1.8)

Implement new directory structure requested by CERES automation personnel

Reason for Change (non-Science):

(Req# 12-1.7)

GMAO G5 data will be the primary meteorological data source for future CERES processing.

(Req# 12-1.8)

All subsystems are required to implement the new structure to enable easier operation of software in CERES automation

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: CER12.1P1

Estimated Time to Complete Change: 1 month

Planned Delivery Date: October 24, 2008

List Affected Subsystems and PGE Names: Clouds: CER4.1-4.1P1, CER4.1-4.1P2, CER4.1-4.1P3, CER4.1-4.1P4, CER4.1-4.1P5, CER4.1-4.1P6, SARB: CER5.0P1, CER5.1P1, CER5.1P2, TISA Gridding: CER9.1P1, GGEO: CER11.1P10, Synoptic SARB: CER7.2.1P1

Originator: CALDWELL, THOMAS E. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: GGEO                      SCCR Date & TIME: 2008-10-07 08:10:18                      SCCR No.: 687

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement # 11-7.2

Sample Read Package delivery for Beta1 ISCCP-D2like-GEO product.

SCCR 675 has the details of the product.

Reason for Change (non-Science):

Requirement # 11-7.2

Public release of this product requires Sample Read Package.

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: Completed

Planned Delivery Date: October 9, 2008

List Affected Subsystems and PGE Names: N/A

Originator: RAJU, RAJA (SSAI)

**Table 6. October 15, 2008 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
Toolkit Issues	Coleman Zentz	<ul style="list-style-type: none"> <li>No ERBE-like breakthroughs with version 5.2.15. Inquiring about getting version 5.2.14 installed at SCF for testing.</li> </ul>	
1.0	Cooper (Walikainen)	<ul style="list-style-type: none"> <li>Continue to work to recover all lost code from the SAN failure. The Terra and Aqua available data web page creators have been reworked and are now complete. Other areas are being found as we move forward with our code changes and development. (Cooper)</li> <li>Working with Scott Z. and ASDC personnel to find the proper set-up for asdcsm1 to compile the Instrument code. Initial work on CER1.2P1, which is in C, brought up some issues with the way CERESlib and the Toolkit are currently done. (Chu)</li> </ul>	
2.0	Walikainen (Cooper)	<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>Recreated code lost in the INSANITY failure. This code produces total channel unfiltering coefficients. Currently, SW, WN and LW unfiltering coefficients are produced. The Science Team's first application of the total channel unfiltering coefficients (~ Mar 2008) showed promise as another independent check for proposed edition3 gains and spectral responses. (Walikainen)</li> <li>A combined monthly ERBE-like product, ES-9, is produced which combines Aqua and Terra. Our standard combination uses FM1+FM3. When FM1 was in stow (Jan and Feb 2008) we used FM2+FM3 as our combination. However, two ES-9s (FM1+FM3 and FM2+FM3) were produced (4/27/08) for April 2006. Both are in the ordering database. (Walikainen)</li> </ul>	
3.0	Walikainen (Cooper)	Combined with above.	

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<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Continued work on adding ISCCP cloud data bins to hourly, daily, and monthly QC runs. (Smith)</li> <li>• Tested the mercator projection data map on the Google Map. (Heckert)</li> <li>• Studied tutorials for Data Explorer. (Hekert)</li> <li>• Re-build Clouds. (Chen, Sun-Mack)</li> <li>• Re-build A-train dx package. (Gibson, Sun-Mack)</li> <li>• Preparation for running MODIS problem day (20060106), re-building the scripts and testing the runs on <i>lanina</i> (seems that <i>lanina</i> has much less CPU now). (Chen, Sun-Mack)</li> </ul>	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	
4.4	Miller (Sun-Mack)	<ul style="list-style-type: none"> <li>• Completed modifying Perl scripts to generate NEWS PCF. (Miller)</li> <li>• Corrected aerosol layer combination algorithm for when there is more than 16 CALIPSO aerosol layers in the CERES footprint. (Miller)</li> <li>• Processed nine days of CALIPSO, CloudSat, and MODIS data into CERES footprints for NEWS. (Miller)</li> <li>• Monitored Terra Edition2A-QC clouds production. Two hours were not produced for March and April 2007 respectively. The hours did not have IESs or they were marked failed. (Miller)</li> </ul>	
4.5	Sothcott	<ul style="list-style-type: none"> <li>• Attended weekly SOFA working group meetings. (Sothcott)</li> <li>• Continued work on moving Edition2 code to the new directory structure and converting to run in the cluster environment. (Sothcott)</li> </ul>	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Finished posting FSW plots requested by Tom Charlock for Science Team meeting. (Caldwell)</li> <li>• Preparing upcoming Terra PGE delivery. (Caldwell)</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• No new updates.</li> </ul>	

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12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Preparing upcoming G5 MOA delivery. (Caldwell)</li> </ul>	
7.1	Nguyen (Raju)	<ul style="list-style-type: none"> <li>• Ran July 2004 Aqua and Terra with only CERES cloud and fluxes for Dave Doelling's statistic study for the CERES Science Team Meeting. (Nguyen)</li> </ul>	
8.0	Nguyen (Raju)	<ul style="list-style-type: none"> <li>• Running at SCF the April months for Aqua and Terra for the scientists to validate the data. (Nguyen)</li> <li>• Wrote program to read and compute RMS and BIAS for Aqua and Terra fluxes from TSI and SYNI for the CERES only and the merged CERES and GGEO cloud cases. (Nguyen)</li> <li>• Using IDL to plot RMS and BIAS for the error study. (Nguyen)</li> <li>• Completed Perl script conversions. (Filer)</li> <li>• Changing to new directory structure. (Nguyen)</li> </ul>	
10.0	Nguyen (Raju)	<ul style="list-style-type: none"> <li>• Supported Moguo Sun in running ISCCP-GGEO D2-like. (Nguyen)</li> <li>• Completed searching for the causes of the differences in <i>magneto</i> and <i>warlock</i> ISCCP GGEO HDF data. Reported the error to Dave Doelling. (Nguyen)</li> <li>• Running July 2004 SRBAVGs to write out the interpolated surface Model B fluxes for the ARM validation regions for merge cloud and CERES only cloud cases for Dave Rutan to validate. (Nguyen)</li> </ul>	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Continue to test all PGEs on <i>magneto</i>. (Raju)</li> </ul>	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Completed Data Product Catalog Section for ISCCP-D2like-Day/Nit products and verified with TISA science members. (Liz Filer)</li> <li>• Worked on ISCCP-D2like-Day/Nit Sample Read Package and delivered it to CM. (Raju)</li> <li>• Preparing for PGEs' delivery. (Raju)</li> </ul>	

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11.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Processed 8 months of MET8 data at SCF for calibrations. Waiting for the coefficients from TISA science to run other satellites' data. (Raju)</li> <li>• Completed Data Product Catalog Section for ISCCP-D2like-GEO product and verified with TISA science members. (Liz Filer)</li> <li>• Worked on ISCCP-D2like-GEO Sample Read Package and delivered it to CM. (Raju, Filer)</li> </ul>	
Special Development Corner		<ul style="list-style-type: none"> <li>• INSANITY recovery.</li> </ul>	

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status <sup>1</sup>	Scripts NOMAD compliant ? (Y/N)	New Directory Structure? (Y/N/InProg)	Prod. Platform (W, M, M*) <sup>2</sup>	TK ver15 Tested? (Y/N/InProg)	Op Man In Word? (Y, N, or Review)	Comments
Instrument - 1	CER1.0P1	Developing	Y		Planning W, M <sup>1</sup>	<b>N</b>	<b>N</b>	
	CER1.1P1	Active	Y	Y	W	Y	<b>N</b>	
	CER1.1P2	Disabled	N/A	N/A	N/A	N/A	N/A	Remain disabled
	CER1.1P3	Active	Y	Y	W	Y	<b>N</b>	
	CER1.1P4	Disabled	N/A	N/A	N/A	N/A	N/A	Remain disabled
	CER1.1P5	Active	Y	Y	W	Y	<b>N</b>	
	CER1.1P6	Disabled	N/A	N/A	N/A	N/A	N/A	Remain disabled
	CER1.2P1	SSI&T	Y	Y	W	Y	<b>N</b>	
	CER1.3P1	SSI&T	Y	Y	W	Y	<b>N</b>	
	CER1.3P2	SSI&T	Y	Y	W	Y	<b>N</b>	
	CER1.3P3	SSI&T	Y	Y	W	Y	<b>N</b>	
ERBE-like - 2	CER2.1P1	Active	<b>N</b>	InProg	W	InProg	Y	
	CER2.2P1	Active	<b>N</b>	InProg	W	InProg	Y	
	CER2.3P1	Active	<b>N</b>	InProg	W	InProg	Y	
	CER2.3P2	Active	<b>N</b>	InProg	W	InProg	Y	
	CER2.4P1	Active	<b>N</b>	InProg	W	Y	Y	
ERBE-like - 3	CER3.1P1	Active	<b>N</b>	InProg	W	InProg	Y	
	CER3.2P1	Active	<b>N</b>	InProg	W	InProg	Y	
	CER3.2P2	Disabled	N/A	N/A	N/A	N/A	N/A	
Clouds	CER4.1-4.0P1	Active	Y		W	Y	<b>N</b>	
4.1-4	CER4.1-4.1P1	Disabled	N/A	N/A	W	N/A	N/A	PCF script email / eos + operations and Sunny
	CER4.1-4.1P2	Active	<b>N</b>	<b>N</b>	W	<b>N</b>	<b>N</b>	
	CER4.1-4.1P3	Active	<b>N</b>	<b>N</b>	W	<b>N</b>	<b>N</b>	
	CER4.1-4.1P4	Active	Y	InProg	W, Planning M <sup>1</sup>	Y	<b>N</b>	PCF to eos operations
	CER4.1-4.1P5	Active	Y	<b>N</b>	W, Planning M <sup>1</sup>	Y	<b>N</b>	PCF to eos operations
	CER4.1-4.1P6	Delivered	Y	<b>N</b>	W	Y	<b>N</b>	
	CER4.1-4.2P1	Active	Y	InProg	W, Planning M <sup>1</sup>	Y	<b>N</b>	

	CER4.1-4.2P2	Active	Y	InProg	W, Planning M <sup>1</sup>	Y	<b>N</b>	
	CER4.1-4.2P3	Active	Y	<b>N</b>	W, Planning M <sup>1</sup>	Y	<b>N</b>	
	CER4.1-4.2P4	Delivered	Y	<b>N</b>	W	<b>N</b>	<b>N</b>	
	CER4.1-4.2P5	Delivered	Y	<b>N</b>	W	<b>N</b>	<b>N</b>	
	CER4.1-4.3P1	Active	Y	InProg	W	Y	<b>N</b>	
	CER4.1-4.3P2	Active	Y	<b>N</b>	W	<b>N</b>	<b>N</b>	
	CER4.1-4.3P3	Delivered	Y	<b>N</b>	W	<b>N</b>	<b>N</b>	
	CER4.1-4.4P1	Disabled	N	N/A	W	<b>N</b>	<b>N</b>	In Op Man, but not in FMP. Delete?
Inversion/SOFA	CER4.5-6.1P1	Disabled	N/A	N/A	N/A	N/A	N/A	Probably not to be reactivated
4.5-6	CER4.5-6.1P2	Active	Y	InProg	W	Y	Review	
	CER4.5-6.1P3	Active	Y	InProg	W	Y	Review	
	CER4.5-6.1P4	SSI&T	Y	Y	W	Y	<b>N</b>	Terra Main Ed3 version of 1P2
	CER4.5-6.1P5	SSI&T	Y	Y	W	Y	<b>N</b>	Aqua Main Ed3 version of 1P3
	CER4.5-6.2P1	Disabled	N/A	N/A	N/A	N/A	N/A	Probably not to be reactivated
	CER4.5-6.2P2	Active	Y	InProg	W	Y	Review	
	CER4.5-6.2P3	SSI&T	Y	Y	W	Y	<b>N</b>	Subset postprocessor for Terra and Aqua (Ed3 version of 2P2)
	CER4.5-6.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	Probably not to be reactivated
	CER4.5-6.3P2	Active	Y	InProg	W	Y	Review	
	CER4.5-6.3P3	Active	Y	InProg	W	Y	Review	
	CER4.5-6.4P1	Active	Y	InProg	W	Y	Review	
	CER4.5-6.4P2	SSI&T	Y	Y	W	Y	<b>N</b>	Monthly validation site (Ed3 for 4P1)
	CER4.5-6.6P2	Active	Y	InProg	W	Y	Review	
	CER4.5-6.6P3	Active	Y	InProg	W	Y	Review	
SARB - 5	CER5.0P1	Active	<b>N</b>	InProg	W, M	Y	Y	
	CER5.1P1	Active	Y	InProg	W	Y	Y	
	CER5.1P2	Active	<b>N</b>	InProg	M	Y	Y	
	CER5.2P1	Deleted	N/A	N/A	N/A	Y	N/A	
	CER5.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER5.4P1	Active	Y	InProg	W, Planning M	Y	Y	
	CER5.4P2	Active	<b>N</b>	InProg	W	Y	Y	
TISA Grid - 6	CER6.1P1	Active	Y	Y	W, Planning M	Y	<b>N</b>	
	CER6.2P1	Active	Y	Y	W, Planning M	<b>N</b>	<b>N</b>	
	CER6.3P1	Active	Y	Y	W, Planning M	<b>N</b>	<b>N</b>	
TISA Avg - 7.1	CER7.1.1P1	Active	Y	Y	W, M	Y	Y	

SARB - 7.2	CER7.2.1P1	Active	<b>N</b>	<b>N</b>	W, M	Y	<b>N</b>	
	CER7.2.2P1	Never Was	N/A	N/A	N/A	N/A	N/A	
TISA Avg - 8	CER8.1P1	SSI&T	Y	InProg	W, M	Y	Y	
	CER8.2P1	Inactive	N/A	N/A	N/A	N/A	N/A	Merging with CER8.1P1 with upcoming delivery
TISA Grid - 9	CER9.0P1	Active	Y	Y	M	Y	Y	
	CER9.1P1	Active	Y	InProg	W, Planning M	Y	<b>N</b>	
	CER9.2P1	Active	Y	InProg	W, Planning M	Y	<b>N</b>	
	CER9.3P1	Active	Y	InProg	W, Planning M	Y	<b>N</b>	
	CER9.4P1	Active	Y	InProg	W, Planning M	Y	<b>N</b>	
TISA Avg - 10	CER10.0P1	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	Y	
	CER10.0P2	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	Y	
	CER10.0P3	Inactive	N/A	N/A	N/A	N/A	N/A	Merged with CER10.1P2
	CER10.1P1	Disabled	Y	N/A	W	N/A	N/A	Replace with CER10.0P2
	CER10.1P2	Disabled	Y	N/A	W	N/A	N/A	Replace with CER10.0P1
	CER10.2P1	Deleted	Y	N/A	W	N/A	N/A	
	CER10.3P1	Deleted	Y	N/A	W	N/A	N/A	
	CER10.1P3	Disabled	Y	N/A	W	N/A	N/A	
	CER10.1P4	Active	Y	N/A	W	N/A	N/A	Replace with CER10.0P2 for Terra
	CER10.1P5	Active	Y	N/A	W	N/A	N/A	Replace with CER10.0P1 for Terra
GGEO - 11	CER11.1P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P2	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P3	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P4	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P5	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P6	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P7	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P8	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P10	Active	Y	InProg	W, Planning M	Y	Y	
	CER11.2P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.2P2	Active	Y	InProg	W, Planning M	Y	Y	
	CER11.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.4P1	Active	Y	InProg	W, Planning M	InProg	Y	
	CER11.5P1	Deleted	N/A	N/A	N/A	N/A	N/A	

	CER11.6P1	Active	Y	InProg	W, Planning M	<b>N</b>	Y	If TK OK for 11.2P2, this one probably okay
	CER11.7P1	Active	Y	Y	W, M	<b>N</b>	Y	If TK OK for 11.2P2, this one probably okay
Regrid MOA -12	CER12.1P1	Active	Y	Y	W, M	Y	<b>N</b>	

Table 1 Key:		
<sup>1</sup> Status	Active	Currently able to run in production
	Developing	New PGE in development, still to be delivered for the first time. Values in columns to right of the "Current PGE Production Status" column, such as the "Prod. Platform" column, are assumptions only and are highly subject to change.
	Disabled	PGE not currently in production but could be reinstated if requested
	Deleted	PGE no longer in production with little or no possibility of being reinstated
	SSI&T	PGE delivered and in SSI&T testing prior to operational processing
<sup>2</sup> Prod. Platform	W	Currently executes on warlock
	M	Currently executes on magneto
	M*	Currently in pre-delivery testing on magneto

Table 2: CERES Product Current Events Status Table				
Product Name	Responsible Working Group	Archival, Internal, or Ext. Input	URL in Sample Read README updated? (Y/N) <sup>3</sup>	DPC Pages Converted to Word?
BDS	Instrument	Archival	<b>N</b>	Y
ES-8	ERBE-like	Archival	<b>N</b>	Y
ES-9	ERBE-like	Archival	<b>N</b>	Y
ES-4	ERBE-like	Archival	<b>N</b>	Y
SSF	Inversion	Archival	<b>N</b>	Y

CRS	SARB	Archival	<b>N</b>	Y
FSW	TISA-Gridding	Archival	<b>N</b>	Y
SYN	TISA-Averaging	Archival	<b>N</b>	Y
AVG	TISA-Averaging	Archival	<b>N</b>	Y
ZAVG	TISA-Averaging	Archival	<b>N</b>	Y
SFC	TISA-Gridding	Archival	<b>N</b>	Y
SRBAVG	TISA-Averaging	Archival	Y	Y
ISCCP-D2like- Day/Nit	TISA-Gridding	Archival	<b>N</b>	Y
ISCCP-D2like- GEO	TISA-Averaging	Archival	<b>N</b>	Y
INSTR	Instrument	Internal	<b>N</b>	Y
IES	Instrument	Internal	N/A	Y
EID-6	ERBE-like	Internal	N/A	Y
CRH	Clouds	Internal	N/A	Y
GCEO	TISA	Internal	N/A	Y
MOA	SARB	Internal	N/A	Y
CID-VIRS	Clouds	Ext. Input	N/A	Y
CID-MODIS	Clouds	Ext. Input	N/A	Y
SURFMAP	Clouds	Ext. Input	N/A	Y
GEO	TISA	Ext. Input	N/A	Y
APD	SARB	Ext. Input	N/A	Y
GAP	SARB	Ext. Input	N/A	Y
MWH	SARB	Ext. Input	N/A	Y
OPD	SARB	Ext. Input	N/A	Y

Table 2 Key:

<sup>3</sup> URL Update	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>
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Revisions:

Date	Affected Section or PGE/Product ID	Revision Made
8/7/2007	All	Added color to distinguish between Yes and No answers
	CER1.1P2, CER1.1P4, CER1.1P6	Added comment indicating possible reactivation
	CER4.1-4.1P4, CER4.1-4.1P5	Changed NOMAD Compliance status from "No" to "Yes"
	CER10.1P3	New PGE added to chart
8/21/2007	All	Added Prod. Platform column
	All	Changed from red font to lightly shaded background to distinguish between Yes and No answers
	Inversion	Changed "N/A" to "Y" for NOMAD compliant for Active PGEs
9/4/2007	All	No changes
9/18/2007	All	Added 2 columns for Test Plan and Op Man conversion from Framemaker to Word.
	All	Added column for updating URL in Sample Read Packages README files consistent with Note 3 in Key Table
10/16/2007	CER7.1P1, CER8.1P1, CER8.2P2	Changed status of Test Plans to Word to indicate in review.
10/30/2007	All remaining PGEs except ERBE-like	Changed status of Test Plans to Word to indicate in review.

11/27/2007	All	Changed column heading from "Op Man in Word" to Op Man in Excel"
	CER1.NPx	Changed Op Man status from "N" to "Review"
	CER1.NPx	Changed Prod. Platform column value from "W,M*" to "W"
12/11/2007	All PGEs	Changed status of Test Plans to Word to indicate complete.
	CER9.OP1	Addition - new PGE
	CER11.OP1	Addition - new PGE
	All PGEs except CER1.nPx	Changed status of Op Man in Excel from "Review" to "N"
	All PGEs	Removed Table 1 column regarding sample read package updates
	All products	Added new Table 2 for product-specific items; (1) sample readme file updates and (2) DPC pages converted to Word
	CER10.OP1-3	Changed Production Status from "Active-to-be" to "Developing"
	Table 1 Key	Added new "Developing" status explanation to Footnote 1
	CER10.1P4 CER10.1P5	Changed Production status back to "Active" to reflect reactivation for Aqua processing
CER10.OPx	Changed Prod. Platform from "W, M*" to "Planning W, M"	

1/8/2008	CER1.0P1	Changed Production Status from "Active" to "Developing"
		Changed Prod. Platform from "W, M*" to "Planning W, M"
	CER4.1-4.1P6 CER4.1-4.2P4 CER4.1-4.2P5 CER4.1-4.3P3 CER4.5-6.1P4,5 CER4.5-6.2P3 CER4.5-6.3P4,5 CER4.5-6.4P2 CER4.5-6.6P4,5 CER11.7P1	Addition - New PGEs
	CER4.1-4.2P3 CER4.1-4.3P2	Additions to chart that were erroneously omitted previously
	CER11.0P1	New PGE under development and renumbered as CER11.7P1
1/22/2008	CER2.NPx, CER3.NPx	Changed status of Test Plan in Word column from "N" to "Y"
	CER4.5-6P4, CER4.5-6.3P5, CER4.5-6.6P4, CER4.5-6.6P5	Removed from list as they will not be delivered
	CER4.1-4.4P1	Added row to chart
	CER7.1.1P1, CER8.1P1	Changed Prod Platform to also indicate magneto
2/5/2008	CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3, CER4.5-6.4P2	Added magneto to planned platforms
	CER8.2P1	Added magneto to planned platforms, added comment regarding plans to merge PGE with CER8.1P1

2/19/2008	CER4.1-4.1P6, CER4.1-4.2P4, CER4.1-4.2P5, CER4.1-4.3P3	Changed status to "Delivered" to indicate the PGE has been delivered to CM but is not yet in production. Changed "Planning W" to "W" for Prod. Platform.
	CER8.2P1	Updated comment to indicate that this PGE will be merged with CER8.1P1 with the next delivery.
3/4/2008	CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3, CER4.5-6.4P2	Changed Prod Platform from "Planning W, M" to "W"
3/18/2008	CER1.1P2, CER1.1P4, CER1.1P6	Changed comment to indicate the PGEs will remain disabled
	CER4.5-61P1, CER4.5-6.2P1, CER4.5-63P1	Changed Test Plan in Word status from "N/A" to "Y", and Op Man in Excel from "N/A" to "In Review"
	CER4.5-6.1P2, CER4.5-6.1P3, CER4.5-6.2P2, CER4.5-6.3P2, CER4.5-6.3P3, CER4.5-6.4P1, CER4.5-6.6P2, CER4.5-6.6P3	Changed Op Man in Excel status from "N/A" to "In Review"
	Table 2	Changed DPC pages converted to Word status from "N" to "Y" for all products
	Table 2	Changed URL in sample read README updated from "N" to "Y" for the SSF, CRS, and SRBAVG products

4/1/2008	CER1.0P1, CER1.1P1, CER1.1P3 CER1.1P5, CER1.2P1, CER1.3P1, CER1.3P3, CER7.1.1P1, CER8.1P1	Changed PGE Production status from "Active" to newly added status "SSI&T"
	CER4.1-4.4P1	Changed Test Plan in Word status to "N/A"
	Table 1 Key	Added SSI&T status
	CER4.5-6.1P1, CER4.5-6.2P1, CER4.5-6.3P1	Changed comment to indicate PGEs probably NOT to be reactivated
	CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3, CER4.5-6.4P2, CER9.0P1	Changed production status from "Developing" to "SSI&T"
4/15/2008	Table 1	Replaced column for "Test Plan In Word?" with column to track Toolkit (ver15) testing and provided initial values for column
5/27/2008	CER4.1-4.1P5,6, CER4.1-4.2P1, CER4.1-4.2P2, CER4.1-4.2P3, CER4.1-4.3P1	Changed value in TK ver15 Tested column from "N" to "InProg"

7/8/2008	CER4.5-6.1P2-5, CER4.5-6.2P2,3, CER4.5-6.3P2,3, CER4.5-6.4P1,2, CER4.5-6.6P2,3, CER5.0P1, CER5.1P1,2 CER5.4P1,2, CER7.2.1P1	Changed value in TK ver15 Tested column from "N" to "Y"
8/5/2008	CER1.1P1, CER1.1P3, CER1.1P5	Changed status of TK ver15 Tested column from "InProg" to "Y"
	CER9.0P1	Changed value in Current PGE Production Status from "SSI&T" to "Active"
	CER11.7P1	Changed value in Current PGE Production Status from "Developing" to "SSI&T"
8/19/2008	All PGEs	Replaced column for "Scripts EXIT CODE compliant?" with "New Directory Structure" column and provided initial values for column
9/2/2008	All PGEs	Replaced column for "Op Man in Excel?" with "Op Man in Word?" and provided initial values for column
	CER7.1.1, CER8.1P1, CER10.0P1, CER10.0P2, CER10.0P3	Changed status of TK ver15 Tested column from "N" to "Y"

9/16/2008	CER2.NPx, CER3.NPx, CER7.1.1P1, CER8.1P1, CER10.0P1, CER10.0P2	Changed value in Op Man in Word? Column from "N" to "Y"
	CER8.2P1, CER10.0P3	Changed values in all columns to be consistent with an inactive PGE
	CER4.1-4.1P4,5, CER4.1-4.2P1-3, CER6.NPx, CER9.1P1, CER9.2P1, CER9.3P1, CER9.4P1, CER11.1P10, CER11.2P2, CER11.4P1, CER11.6P1	Changed value of Production Platform column from "W" to "W, Planning M"
	SSF, CRS	Changed value of "URL in Sample Read README updated?" column from "Y" to "N" because the URL to the Collection Guide needs to be modified
9/30/2008	CER11.7P1	Changed Production Status from "SSI&T" to "Active", Changed Prod. Platform column value from "Planning W,M" to "W, M"
10/14/2008	CER1.0P1	Changed Production Status from "SSI&T" to "Developing"
	CER1.1P1, CER1.1P3, CER1.1P5, CER1.2P1, CER1.3P1, CER1.3P2, CER1.3P3, CER7.1.1P1	Changed Production Status from "SSI&T" to "Active"
	CER5.1P1, CER5.4P1, CER12.1P1	Changed Nomad Compliant value from "N" to "Y"

CER2.NPx, CER3.NPx, CER5.0P1, CER5.1P1, CER5.1P2, CER5.4P1, CER5.4P2, CER8.1P1	Changed Directory Structure value from "N" to "InProg"
CER6.1P1, CER6.2P1, CER6.3P1, CER12.1P1	Changed Directory Structure value from "N" to "Y"
CER5.4P1	Changed Prod. Platform from "N" to "W, Planning"
CER1.2P1, CER1.3P1, CER1.3P3, CER9.NPx, CER11.1P10, CER11.2P2, CER12.1P1	Changed status of TK ver15 Tested column from "N" to "Y"
CER4.1-4P4-6, CER4.1-4.2Px	Changed status of TK ver15 Tested column from "InProg" to "Y"
CER11.4P1	Changed value in TK ver15 Tested column from "N" to "InProg"
CER10.1Px	Changed value in TK ver15 Tested column from "N" to "N/A"
CER5.0P1, CER5.1P1, CER5.1P2, CER5.4P1, CER5.4P2	Changed status of Op Man in Word from "N" to "Y"
CER9.1P1, CER9.2P1, CER9.3P1, CER9.4P1, CER12.1P1	Changed status of Op Man in Word from "N" to "InProg"