

## November 12, 2008 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 11/07/2008  
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	Done. 10/10/08
PR 69-08	FM3, FM4	Beta5	SYNI	7.2.1P1	4/02 – 4/05 Aprils only	Done. 10/13/08
PR 70-08	FM1, FM2	Beta5	SYNI	7.2.1P1	02/01 – 12/01 (Except seasonal months), 02/04	Done. 10/28/08
PR 81-08	FM1+ FM3	Edition2	ERBE-like combined satellite	3.2P1	01/07 – 08/07	Done. 10/17/08

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84-08	FM1, FM2	Beta1	ISCCP-D2like-Day/Nit	9.0P1	03/2000 – 08/2007 (instrument months with corresponding SSF data)	
83-08	FM3, FM4	Beta1	ISCCP-D2like-Day/Nit	9.0P1	07/2002 – 08/2007 (instrument months with corresponding SSF data)	
82-08	GEO	Beta1	ISCCP-D2like-GEO	11.7P1	03/2000 – 10/2005 (months with corresponding GGEO data)	
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	<b>ON HOLD</b>
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	<b>ON HOLD</b>
55-08	FM1, FM2	Edition2F	SFC TISA-Grid	9.2P1 9.3P1 9.4P1	12/31/06 hr 12 – 9/1/07 hr 11	<b>ON HOLD</b>
54-08	FM1 V005 MOD08	Edition2F	CRS Inst SARB	5.0P1 5.1P1 5.4P1	1/1/07 – 8/31/07	In progress
53-08	FM1	Edition2F	FSW TISA-Grid	6.1P1 6.2P1 6.3P1	1/1/07 – 8/31/07	In progress
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	<b>IN THE BACKGROUND PRIORITY Promoted.</b>
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
PR 79-08		Beta10	GGEO	11.1P10	11/05 – 8/07	<b>ON HOLD until MTSAT data are available</b>
PR 78-08		Beta10	GGEO	11.2P2	11/05 – 8/07	<b>ON HOLD until MTSAT data are available</b>

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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. November 12, 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>• The following Operator’s Manuals were updated, posted on the Web, and delivered to the ASDC: TISA Averaging (SCCR 689), Regrid MOA (SCCR 686), and TISA Gridding (SCCR 684). (Saunders)</li> <li>• The Regrid MOA Test Plan (SCCR 686) was updated, posted on the Web, and delivered to the ASDC. (Saunders)</li> <li>• The TISA Gridding Test Plan (SCCR 684) was updated and provided to CERES CM for testing. (Saunders)</li> <li>• CERESlib (SCCR 688) was successfully installed, compiled, and tested on <i>magneto-P4</i> and released to the ASDC (10/30/08). (Ayers)</li> <li>• Regrid MOA (SCCR 686) was successfully installed, compiled, and tested on <i>magneto-P4</i> and released to the ASDC (11/13/08). (Ayers)</li> <li>• Testing TISA Gridding (SCCR 684) on <i>magneto-P4</i>. (Ayers)</li> <li>• The Promoted Directories document was updated for PGE CER12.1P1 and provided to the ASDC. (Ayers)</li> <li>• The CERES Data Flow Diagram was updated to include the ISCCP-D2like-Day/Nit and ISCCP-D2like-GEO products. The DPC and Software Management Plan were updated to include this version of the diagram. (Saunders)</li> <li>• The Clouds, Instrument, and Synoptic SARB Operator’s Manuals were converted from FrameMaker to Word. Only the CERES Collection Guides are left to convert to Word. (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 - November 2008**

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)	Certified Platform(s)
TISA Gridding (SCCR 684)	October 17	October 31	November 7	PMOA delivery dealing with overlap file checking and reading G5-CERES MOA input.	X		<i>magneto-P4</i>
TISA Averaging (SCCR 689)	October 31	November 14	November 21	To correct HDF problem in Subsystem 8.			<i>magneto-P4</i>
Instantaneous SARB	October 31	November 14	November 21	Terra Edition2 on <i>magneto</i> .			<i>magneto-P4</i>
TISA Gridding (SCCR 685)	November 7	November 21	November 28	Edition2 on <i>magneto</i> .			<i>magneto-P4</i>
Inversion (SCCR 690)	November 21	December 5	December 12	Edition2 on <i>magneto</i> .			<i>magneto-P4</i>
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-P4</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)
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-P4</i>
Clouds	January 2009			Edition2 on <i>magneto</i> .			<i>magneto-P4</i>
ERBE-like	February 13	February 27	March 6	To process everything including all of Edition3 on <i>magneto</i> .			<i>magneto-P4</i>
TISA Gridding	Winter			New PGE 9.0P2 (?) for new ISCCP-D2-like-Flux (?) product.		X	<i>magneto-P4</i>
GGEO	Spring 2009			New PGE 11.7P2 (?) for new ISCCP-D2-like-Merge (?) product.		X	<i>magneto-P4</i>
Regrid MOA	???			To process the G5 CERES data that will be coming to support Edition3.			<i>magneto-P4</i>
Clouds	???			Support TRMM VIRS-only processing of August 2001 forward.			<i>magneto-P4</i>
Inversion	Two to four weeks after Clouds			Support TRMM VIRS-only processing.			<i>magneto-P4</i>

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Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)	Certified Platform(s)
Instrument (SCCR 641)		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	<i>magneto-P4</i>

**Table 4. CERES Coefficients Delivery Schedule – November 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 October 14 at 1:30 p.m. – November 11 at 11:00 a.m.**

SCCR	S	U	A	C	D	SS	Page No.	Comments
683			A			12		
684			X			9		
685			X			6 & 9		
686			X			12		
688	X		X			CERESlib	9	
689	X					8	11	
690	X					4.5 & 4.6	12	
691	X					8	13	
692	X					5	14	

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

**CERES Software Configuration Change Request Submittal**

=====

Subsystem: CERESlib SCCR Date & TIME: 2008-10-24 15:52:09SCCR No.: 688

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

Parameter Change: ( ) YES (X) NO

Description of Change (Science):  
See SCCR 683

Reason for Change (Science):  
See SCCR 683

Description of Change (non-Science):  
1. See SCCR 683  
2. Updated ceres-env.csh.

Reason for Change (non-Science):  
1. See SCCR 683  
2. To work with Toolkit 5.2.15 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:

N/A

Estimated Time to Complete Change: 1 hr

Planned Delivery Date: October 24, 2008

List Affected Subsystems and PGE Names: CER12.1P1 and TISA Gridding

Originator: BOWSER, MARK J. (SSAI)

## CERES Software Configuration Change Request Submittal

=====

Subsystem: TISAavg8.0      SCCR Date & TIME: 2008-10-27 10:10:27      SCCR No.: 689

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Req# 8-26 Repeated the data for the nested regions before writing to the AVG/ZAVG HDF files.

Reason for Change (Science):

To correct the error in the Beta4 version of AVG/ZAVG

Description of Change (non-Science):

Req# 8-27 Changed the scripts to Perl

Req# 8-28 Changed to the new directory structure

Req# 8-29 Updated the HDF compression code to work with Toolkit 15

Reason for Change (non-Science):

As requested by the DMT team.

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:

CER8.1P1

Estimated Time to Complete Change: 2 weeks

Planned Delivery Date: November 14, 2008

List Affected Subsystems and PGE Names: None

Originator: NGUYEN, CATHY (SSAI)

## CERES Software Configuration Change Request Submittal

=====

Subsystem: Inversion                      SCCR Date & TIME: 2008-10-30 11:39:37                      SCCR No.: 690

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

None

Reason for Change (Science):

N/A

Description of Change (non-Science):

Update code to compile and run on the MacIntosh G5 and IBM Linux systems.

Reason for Change (non-Science):

The SGI systems are being retired and replaced with the MacIntosh G5 and IBM Linux systems.

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

Description of Parameter Change:

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

CER4.5-6.1P2, CER4.5-6.1P3, CER4.5-6.2P2, CER4.5-6.3P2, CER4.5-6.3P3, CER4.5-6.4P1, CER4.5-6.6P2 and CER4.5-6.6P3.

Estimated Time to Complete Change: 4 weeks

Planned Delivery Date: 12/5/2008

List Affected Subsystems and PGE Names: 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 and CER4.5-6.6P3.

Originator: SOTHCOTT, VICTOR E. (SSAI)

**CERES Software Configuration Change Request Submittal**

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Subsystem: TISAavg8.0      SCCR Date & TIME: 2008-11-11 09:23:54      SCCR No.: 691

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement # 8-30

Sample Read Package delivery for Beta4 and Beta5 SYN/AVG/ZAVG products SCCR 689 contains the details of the product

Reason for Change (non-Science):

Requirement # 8-30

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: November 11, 2008

List Affected Subsystems and PGE Names: N/A

Originator: NGUYEN, CATHY (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: InstSARB      SCCR Date & TIME: 2008-11-11 11:00:11      SCCR No.: 692

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

(Req# 5-12.0)

Make necessary changes to Terra PGEs 5.1P1 and 5.4P1 to enable processing on Linux cluster

(Req# 5-13.0) Convert Terra PGEs to new directory structure

Reason for Change (non-Science):

(Req# 5-12.0)

All subsystem PGEs are required to run on Linux cluster in anticipation of SGI retirement (Req# 5-

13.0) Requirement from the SEC

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:

5.1P1, 5.4P1

Estimated Time to Complete Change: 1 week

Planned Delivery Date: November 14, 2008

List Affected Subsystems and PGE Names: None

Originator: CALDWELL, THOMAS E. (SSAI)

**Table 6. November 12, 2008 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
Toolkit Issues	Coleman Zentz	<ul style="list-style-type: none"> <li>No report received.</li> </ul>	
1.0	Cooper (Walikainen)	<ul style="list-style-type: none"> <li>No report received.</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>Creating a family of degraded spectral responses (SRs) for Edition 3 Terra instruments. This final effort to determine SRs and gains labeled Omega has four main features: (a) uses FM5 ground calibration studies, (b) places all instruments on the same radiometric scale, (c) uses total channel unfiltering and (d) minimizes direct compare radiances of several scene types. Currently, these SRs are for testing the direct compare software. (Walikainen)</li> <li>Changed two HDF-EOS call parameters from unlimited dimension to 13092 (the maximum number of daily records). This change allows for ES8 compression using toolkit 15. (Walikainen and Alford)</li> <li>Generated subsetted ES8B Edition1-CV for Edition3 studies: Terra 2000-2007 and FM3 2002-2007. (Filer)</li> </ul>	
3.0	Walikainen (Cooper)	Combined with above.	

**Table 6. November 12, 2008 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Developing code to prepare ISCCP-like plots from CERES-MODIS pixel level data. (Smith)</li> <li>• Made suggested improvements to the Google Map including changes to the user interface windows, modifications to the calendar tool and adjustments to graphics. (Heckert)</li> <li>• Studied Javascript/Ajax text for possible improvements to the Google Map tool. (Heckert)</li> <li>• Began learning how to generate batches of image data using IBM DX. (Heckert)</li> <li>• Worked on rebuilding QC package from xSan recovery. (Brown)</li> <li>• Staging Terra, Aqua and FLASH data. (Brown)</li> <li>• Cloud Particle Size colorbar range for Terra and Aqua was modified to match TRMM VIRS colorbar range. Correction was made to the Ecotype code. Pat Minnis requested all Terra, Aqua and FLASH results be rerun with changes. Terra, Aqua and FLASH results were also rerun to recreate post processed map files that were not restored from xSan. (Brown)</li> <li>• Time Series package was developed and Web Viewer created for displaying results. (Chen, Brown)</li> <li>• Worked on partial cloud algorithm with 250 meter MODIS data. (Chen, Yost, Sun-Mack)</li> <li>• Attended CERES Science team meeting. (Sun-Mack)</li> <li>• Worked on Ed2 cloud retrieval paper, specifically, finding out the reason why there were many no-retrieval or clear for overcast polar regions. (Chen, Sun-Mack).</li> </ul>	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	

**Table 6. November 12, 2008 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
4.4	Miller (Sun-Mack)	<ul style="list-style-type: none"> <li>• Resolved issues with compiling delivered Collection005 and Edition3-Beta1 cloud retrieval code. Fortran compiler -ansi options interacted with C compiler. (Miller)</li> <li>• Executed test of Terra convolution on <i>magneto</i> without any issues. (Miller)</li> <li>• Compiled Terra convolution on asdcsml, x86 machine; however, little endian problem occurred. Intel said their Fortran compiler Version 11 should handle it for structure. (Miller, Zentz)</li> <li>• Continued to migrate data to xSAN. (Miller)</li> <li>• Finished modifying ssf2hdf code to handle both full and track SSF values and produce daily file. This task is now ahead of where it was before SAN crash. (Miller)</li> <li>• Modified order and some variable names in NEWS DPC pages and started code to include CCCM portion of binary file into hdf. (Miller)</li> <li>• Reviewed Operations Agreement and SPUD. (Miller)</li> <li>• Developed plan for transferring SCF generated files to ASDC ordering tool. (Miller, Parker, Hopson, Davenport, SEC)</li> <li>• Monitored Terra Edition2A-QC clouds production. Three and twenty-four hours were not produced for May and June 2007 respectively. Five hours aborted, three hours were due to small cookie dough problem in convolution, two hours did not have MODIS data, and the remainder did not have IESs or they were marked failed. (Miller)</li> </ul>	

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4.5	Sothcott	<ul style="list-style-type: none"> <li>Attended weekly SOFA working group meetings. (Sothcott)</li> <li>Updated Inversion Description/Abstract for Aqua Edition2C and Terra Edition2F. (Sothcott)</li> <li>Continued work on conversion of Inversion software to G5 Mac and IBM Linux environment. Finally found the problem that was causing 20% differences in a small number of LW and WN TOA fluxes and have resolved it to the satisfaction of the SOFA working group. (Sothcott)</li> </ul>	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>Preparing to deliver Terra PGEs to <i>magneto</i>. (Caldwell)</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>No new updates.</li> </ul>	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>Delivered SCCR 686 for G5 MOA. (Caldwell)</li> </ul>	
7.1	Nguyen (Raju, Filer)	<ul style="list-style-type: none"> <li>Checked the MODIS cloud and CERES LW TOA data to search for the cause of the abnormality in LW TOA flux for Terra June 2001 AVG. (Nguyen)</li> </ul>	
8.0	Nguyen (Raju, Filer)	<ul style="list-style-type: none"> <li>Ran 2001 Terra SYN/AVG/ZAVG for scientist to validate. (Nguyen)</li> <li>Searched for the cause of the bad averaged LW TOA fluxes in AVG. (Nguyen)</li> <li>Continued providing Michele Nordeen the tuned and untuned TOA SW and LW fluxes to compare with GERB data. (Nguyen)</li> <li>Preparing documentations for the upcoming delivery. Delivered the Operator's Manual. (Nguyen)</li> <li>Testing on <i>magneto</i> with new CERESLIB and Toolkit. (Filer)</li> <li>Working on the sample read package. (Nguyen)</li> </ul>	
10.0	Nguyen (Raju, Filer)	<ul style="list-style-type: none"> <li>Created SW and LW TOA interpolated flux data for Michele Nordeen to compare with GERB data. (Nguyen)</li> </ul>	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>No report received.</li> </ul>	

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9.0	Raju (Nguyen)	<ul style="list-style-type: none"><li>• No report received.</li></ul>	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"><li>• No report received.</li></ul>	
Special Development Corner		<ul style="list-style-type: none"><li>• No report received.</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, P4, P6, X86) <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, ??	N	N	
	CER1.1P1	Active	Y	Y	W, Planning X86	Y	N	
	CER1.1P2	Disabled	N/A	N/A	N/A	N/A	N/A	Remain disabled
	CER1.1P3	Active	Y	Y	W, Planning X86	Y	N	
	CER1.1P4	Disabled	N/A	N/A	N/A	N/A	N/A	Remain disabled
	CER1.1P5	Active	Y	Y	W, Planning X86	Y	N	
	CER1.1P6	Disabled	N/A	N/A	N/A	N/A	N/A	Remain disabled
	CER1.2P1	Active	Y	Y	W, Planning X86	Y	N	
	CER1.3P1	Active	Y	Y	W, Planning X86	Y	N	
	CER1.3P2	Active	Y	Y	W, Planning X86	Y	N	
	CER1.3P3	Active	Y	Y	W, Planning X86	Y	N	
ERBE-like - 2	CER2.1P1	Active	N	InProg	W, Planning P4/P6	InProg	Y	
	CER2.2P1	Active	N	InProg	W, Planning P4/P6	InProg	Y	
	CER2.3P1	Active	N	InProg	W, Planning P4/P6	InProg	Y	
	CER2.3P2	Active	N	InProg	W, Planning P4/P6	InProg	Y	
	CER2.4P1	Active	N	InProg	W, Planning P4/P6	Y	Y	
ERBE-like - 3	CER3.1P1	Active	N	InProg	W, Planning P4/P6	InProg	Y	
	CER3.2P1	Active	N	InProg	W, Planning P4/P6	InProg	Y	
	CER3.2P2	Disabled	N/A	N/A	N/A	N/A	N/A	
Clouds	CER4.1-4.0P1	Active	Y		W	Y	N	
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	N	N	W	N	N	
	CER4.1-4.1P3	Active	N	N	W	N	N	
	CER4.1-4.1P4	Active	Y	InProg	W, Planning P4/P6	Y	N	PCF to eos operations
	CER4.1-4.1P5	Active	Y	N	W, Planning P4/P6	Y	N	PCF to eos operations
	CER4.1-4.1P6	Delivered	Y	N	W	Y	N	
	CER4.1-4.2P1	Active	Y	InProg	W, Planning P4/P6	Y	N	
	CER4.1-4.2P2	Active	Y	InProg	W, Planning P4/P6	Y	N	

	CER4.1-4.2P3	Active	Y	<b>N</b>	W, Planning P4/P6	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	Developing	Y	Y	W	Y	<b>N</b>	Terra Main Ed3 version of 1P2
	CER4.5-6.1P5	Developing	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	Developing	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	Developing	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, P4, Planning P6	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 P4/P6	Y	Y	
	CER5.4P2	Active	<b>N</b>	InProg	W	Y	Y	

TISA Grid - 6	CER6.1P1	Active	Y	Y	W, Planning P4/P6	Y	<b>N</b>	
	CER6.2P1	Active	Y	Y	W, Planning P4/P6	<b>N</b>	<b>N</b>	
	CER6.3P1	Active	Y	Y	W, Planning P4/P6	<b>N</b>	<b>N</b>	
TISA Avg - 7.1	CER7.1.1P1	Active	Y	Y	W, P4, Planning P6	Y	Y	
SARB - 7.2	CER7.2.1P1	Active	<b>N</b>	<b>N</b>	W, P4, Planning P6	Y	<b>N</b>	
	CER7.2.2P1	Never Was	N/A	N/A	N/A	N/A	N/A	
TISA Avg - 8	CER8.1P1	Developing	Y	InProg	W, P4, Planning P6	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	W, P4, Planning P6	Y	Y	
	CER9.1P1	Active	Y	InProg	W, Planning P4/P6	Y	<b>N</b>	
	CER9.2P1	Active	Y	InProg	W, Planning P4/P6	Y	<b>N</b>	
	CER9.3P1	Active	Y	InProg	W, Planning P4/P6	Y	<b>N</b>	
	CER9.4P1	Active	Y	InProg	W, Planning P4/P6	Y	<b>N</b>	
TISA Avg - 10	CER10.0P1	Developing	Y	Y	Planning W, P4, P6	Y	Y	
	CER10.0P2	Developing	Y	Y	Planning W, P4, P6	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 P4/P6	Y	Y	
	CER11.2P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.2P2	Active	Y	InProg	W, Planning P4/P6	Y	Y	
	CER11.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.4P1	Active	Y	InProg	W, Planning P4/P6	InProg	Y	
	CER11.5P1	Deleted	N/A	N/A	N/A	N/A	N/A	
	CER11.6P1	Active	Y	InProg	W, Planning P4/P6	<b>N</b>	Y	If TK OK for 11.2P2, this one probably okay
	CER11.7P1	Active	Y	Y	P4, Planning P6	<b>N</b>	Y	If TK OK for 11.2P2, this one probably okay
Regrid MOA -12	CER12.1P1	Active	Y	Y	W, P4, Planning P6	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	warlock
	P4	Magneto - IBM P4
	P6	Magneto - IBM P6
	X86	Magneto - IBM X86

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
GGEO	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>

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.
	CER9.0P1	Addition - new PGE
	CER11.0P1	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
	CER10.0P1-3	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
	CER10.0Px	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
	CER4.5-6.1P1, CER4.5-6.2P1, CER4.5-6.3P1	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 M"
	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"
11/13/2008	CER8.1P1	Changed Production Status from "SSI&T" to "Developing"
	All	Changed Prod Platform for magneto to specify P4, P6, and X86 - column heading, column values, and associated footnote