

## April 16, 2008 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 4/14/08  
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	
15-08	FM2	Test-G5-CERES2	Clouds (SS4.1-4)	4.1-4.1P4 4.1-4.2P3	1/06/06 1/06/29	In progress
16-08	FM2	Test-C4G5-CERES2	Clouds (SS4.1-4)	4.1-4.1P4 4.1-4.2P3	1/06/06 1/06/29	In progress
PR 10-08	FM1 or FM2	Beta4c	TISA avg (SS 7.1)	7.1.1P1	1/01 - 10/01 seasonal months	Redelivered. Waiting on promotion.
PR 9-08	FM3 or FM4	Beta4c	TISA avg (SS 7.1)	7.1.1P1	1/03 - 10/03 seasonal months	Redelivered. Waiting on promotion.
PR 8-08	FM1 or FM2	Beta4w	TISA avg (SS 7.1)	7.1.1P1	1/01 - 10/01 seasonal months	Redelivered. Waiting on promotion.
PR 7-08	FM3 or FM4	Beta4w	TISA avg (SS 7.1)	7.1.1P1	1/03 - 10/03 seasonal months	Redelivered. Waiting on promotion.
PR 10B-08	FM1 or FM2	Beta4c	Syn SARB (SS 7.2)	7.2.1P1	1/01	Waiting on Beta4c TSI.
PR 9B-08	FM3 or FM4	Beta4c	Syn SARB (SS 7.2)	7.2.1P1	1/03	Waiting on Beta4c TSI.
PR 8B-08	FM1 or FM2	Beta4w	Syn SARB (SS 7.2)	7.2.1P1	1/01	Low possibility or rerun.
PR 7B-08	FM3 or FM4	Beta4w	Syn SARB (SS 7.2)	7.2.1P1	1/03	Low possibility of rerun.
PR 129-07	FM1 or FM2	Beta4	TISA avg (SS 7.1)	7.1.1P1	4/00 – 10/05 seasonal months only	Waiting on promotion.
PR 128-07	FM1 or FM2	Beta4	Synoptic SARB (SS 7.2)	7.2.1P1	4/00 – 10/05 seasonal months only	Waiting on TSI.
PR 127-07	FM3 or FM4	Beta4	TISA avg (SS 7.1)	7.1.1P1	7/02 – 10/05 seasonal months only	Waiting on promotion.
PR 126-07	FM3 or FM4	Beta4	Synoptic SARB (SS 7.2)	7.2.1P1	7/02 – 10/05 seasonal months only	Waiting on TSI.

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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 73-07	FM1	Edition2C	TISAgrid (SS6)	6.1P1 6.2P1 6.3P1	3/06 - 6/06	Done. 12/14/07
PR 5-08	FM3	Edition2C	Inst SARB (SS 5)	5.0P1 5.1P2 5.4P2	5/1/06 – 12/31/06	In progress.
PR 4-08	FM3	Edition2C	TISA gridding (SS 6)	6.1P1 6.2P1 6.3P1	5/1/06 – 12/31/06	In progress.
PR 2-08	FM1	Edition2F	Inst SARB (SS 5)	5.0P1 5.1P1 5.4P1	5/1/06 – 12/31/06	Ready when resources available.
PR 1-08	FM1	Edition2F	TISA gridding (SS 6)	6.1P1 6.2P1 6.3P1	5/1/06 – 12/31/06	Waiting on SARB (SS5).

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PR 11-08	FM3, FM4	Beta1-Ed3	Clouds (SS4.1-4)	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	10/03, 1/04, 4/04, 7/04, and 7/06	Delivered, waiting on promotion.
PR 12-08	FM1, FM2	Beta1-Ed3	Clouds (SS4.1-4)	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	10/03, 1/04, 4/04, 7/04, and 7/06	Delivered, waiting on promotion.
PR 13-08	FM3, FM4	Beta1-Ed3	Inversion (SS4.5-6)	4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	10/03, 1/04, 4/04, 7/04, 1/06, and 7/06	Delivered, waiting on promotion.
PR 14-08	FM1, FM2	Beta1-Ed3	Inversion (SS4.5-6)	4.5-6.1P4 4.5-6.2P3 4.5-6.4P2	10/03, 1/04, 4/04, 7/04, 1/06, and 7/06	Delivered, waiting on promotion.
PR 108-07	FM1, FM2	Edition2E	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	3/00 - 10/05	Waiting on delivery.
PR 111-07	FM1, FM2	ValR9	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03	Waiting on Delivery.
PR 113-07	FM3, FM4	ValR9	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03, 10/04	Waiting on Delivery.
PR 112-07	FM3, FM4	ValR10	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03	Waiting on Delivery.
PR 110-07	FM3	Edition2B	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02 - 10/05	Waiting on delivery.
PR 109-07	FM4	Edition2B	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02 - 3/05	Waiting on delivery.

**Table 2. April 16, 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>• Testing TISA Averaging (SCCR 660) after receiving updated code. (Ayers)</li> <li>• Testing Instrument (SCCR 610) and TISA Gridding (SCCR 672). (Ayers)</li> <li>• Updating Operator’s Manuals and the File Management Policy to ensure that “meta” is in all of the appropriate places in both documents. (Ayers, Saunders)</li> <li>• Updated the CERES Subsystem and Coefficients Delivery Schedules and posted them on the Web. (Ayers, Saunders)</li> </ul>

**Table 3. CERES Subsystem Delivery Schedule - April 2008  
Next Science Team Meeting - May 6 - 8, 2008 in Newport News**

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 667)	January 18	March 7	March 14	To support Terra Beta4 and Aqua Beta1 AVG, ZAVG, and SYN processing.			<i>warlock &amp; magneto</i>
Instrument (SCCR 610)	March 7	March 21	March 28	To allow processing of both Edition2 and Edition3 data through PGE CER1.3P3.	X		<i>warlock</i>
TISA Gridding (SCCR 672)	March 14	March 28	April 4	Support Beta1 processing of new ISCCP-like, crosstrack-only data product based on SSF. New PGE CER9.0P1.		X	<i>warlock &amp; magneto</i>
Clouds	April 16	April 25	May 2	Delta delivery to process Aqua Ed2C-NewIGBP data set.			<i>warlock</i>
TISA Averaging (SCCR 650)	May 2	May 16	May 23	Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing. New PGEs: CER10.0P1, CER10.0P2, & CER10.0P3.		X	<i>warlock &amp; magneto</i>
GGEO	May 2	May 16	May 23	Support Beta1 processing of new ISCCP-like, crosstrack-only, GEO data product based on GGEO. New PGE CER11.7P1.		X	<i>warlock &amp; 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)
GGEO (SCCR 653)	May 16	May 30	June 6	Final coefficient delivery for 11/05 - 12/05. Initial coefficient delivery for 1/06 - 12/06. Code delivery to support Beta10 GGEO processing.			<i>warlock &amp; magneto</i>
Regrid MOA	Fall			To process the G5 CERES data that will be coming to support Edition3.			<i>warlock &amp; magneto</i>
Clouds	Fall			Support TRMM VIRS-only processing of August 2001 forward.			<i>warlock &amp; magneto</i>
Inversion	Two to four weeks after Clouds			Support TRMM VIRS-only processing.			<i>warlock &amp; magneto</i>
Inversion	Fall			Support Beta2-Edition3 processing.			<i>warlock &amp; magneto</i>
TISA Gridding	Two weeks after Inversion			PMOA delivery dealing with overlap file checking and reading G5-CERES MOA input. Also, support Beta2-Edition3 SFC processing.			<i>warlock &amp; magneto</i>
SARB	???			MATCH (Collection 5) data files for November - December 2007.			<i>warlock &amp; 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>warlock &amp; magneto</i>

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

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
Instrument/ ERBE-like	N/A	May		Terra and Aqua Edition2 gains and spectral response function files January - August 2007.	<i>warlock/ magneto</i>
GGEO	August			Final coefficients for 1/06 - 12/06.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	???		Terra Edition3 gains and spectral response function files for February 2000 - June 2005.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	???		Aqua Edition3 gains and spectral response function files for June 2002 - March 2005.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	???		Terra Edition3 gains and spectral response function files for July 2005 - December 2005.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	???		Aqua Edition3 gains and spectral response function files for April 2005 - December 2005.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	???		TRMM Edition3 gains and spectral response function files for December 1997 - April 2000.	<i>warlock/ magneto</i>

**Table 5. SCCR Activity March 17 at 1:00 p.m. – April 15 at 11:00 a.m.**

SCCR	S	U	A	C	D	SS	Page No.	Comments
665				X		CERESlib		
667		X				8	9	
668				X		5		

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

**CERES Software Configuration Change Request Submittal**

=====

Subsystem: TISAavg8.0

SCCR Date: 01/23/2008

SCCR Number: 667

Parameter Change: (X) YES ( ) NO

Description of Change (Science):

Req#8.16 Add the twilight flux to the observed SW all-sky monthly mean regional flux and to the tuned TOA level 1 all-sky SW flux

Req#8.17 Add the clear-sky twilight flux table.+Use the clear-sky twilight flux to add to the observed SW clear-sky monthly mean flux and to the tuned TOA level 1 clear-sky SW flux

Req#8.19 Remove all clear-sky LW and SW fluxes that were added to the TSI so that the clear-sky and all-sky were identical when the cloud amount was zero.

Req#8.20 Linearly interpolate the zonal monthly clear-sky LW fluxes

Req#8.21 Use the incoming solar and the zonal monthly SW fluxes to interpolate the default zonal monthly SW fluxes.

Reason for Change (Science):

Improve the fluxes to match with the monthly average fluxes from SRBAVG

Description of Change (non-Science):

Req#8.22 Change parameter names to match with the names in DPC.

Req#8.23 Modify code to run on IBM cluster.

Reason for Change (non-Science):

Make the code to be able to run on IBM cluster and the output data match with data from SGI runs.

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and Description of Parameter Change:

Req#8.18 Add three new parameters: Total-sky UVB surface flux up, snow grain size, match total aerosol optical depth at 0.55 nm

Reason for Parameter Change:

New parameters from SYNI

Affected PGEs in this Subsystem: CER8.1P1

Estimated Time to Complete Change : 2 weeks

Planned Delivery Date : February 1, 2008

List Affected Subsystems and PGE Names: Subsystem 8 CER8.2P1

Date: 02/08/2008 Status: APPROVED

Originator: NGUYEN, CATHY (SSAI)

=====  
ADDITIONAL CHANGES TO SCCR NO. 667:  
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Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Req#8.24 Clear-sky TOA SW fluxes of regions with one observe per day or less than 20 observes per month are changed to be defaults.

Reason for Change (Science):

To obtain better regional averages

Description of Change (non-Science):

N/A

Reason for Change (non-Science):

N/A

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and Description of Parameter Change:

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem: CER8.1P1

Estimated Time to Complete Change : Completed  
Planned Delivery Date : March 07, 2008  
List Affected Subsystems and PGE Names: None

Date & Time: 2008-03-06 09:47:02

Originator: NGUYEN, CATHY (SSAI)

=====

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Req#8.25 Correct the 3-hourly averages of PAR and surface UVA and UVB fluxes.

Reason for Change (Science):

The fluxes are off by factor of 3

Description of Change (non-Science):

N/A

Reason for Change (non-Science):

N/A

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and  
Description of Parameter Change:

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem: CER8.1P1

Estimated Time to Complete Change : Completed

Planned Delivery Date : April 15, 2008

List Affected Subsystems and PGE Names: CER8.2P1

Date & Time: 2008-04-15 10:38:57

Originator: NGUYEN, CATHY (SSAI)

**Table 6. April 16, 2008 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
1.0	Cooper (Walikainen)	<ul style="list-style-type: none"> <li>• Continued to track receipt of Terra and Aqua Level-0, Ephemeris and Attitude data. (Cooper, Snyder)</li> <li>• Waiting for delivery to get through CERES CM. (Cooper)</li> <li>• Began testing TK5.2.15v1, 32-bit TK on <i>thunder</i>. Problems with metadata not being written to IES; instead it is being written to BDS. So far no reason for this occurrence can be found. (Cooper)</li> <li>• Began work on the Level-0/Eph/Att preprocessor. Created a bit segment class to allow reading of the packet header information. (Alford)</li> </ul>	
2.0	Walikainen (Cooper)	<ul style="list-style-type: none"> <li>• Overflow data in FM2's Baseline1-QC (4/8/08) QC report triggered an email alert from the QC checker. Recreated the overflow entries in the QC report using the production PRES8 and processing on <i>lightning</i>. For the record, the overflow entries occurred in the tropics for partly cloudy, land/desert scenes. (Walikainen)</li> <li>• Continuing to inspect ERBE-like Aqua and Terra output plots. (Walikainen)</li> <li>• Began testing Toolkit 15 on <i>thunder</i>. Running CER2.4P1 with its recompiled executables produced identical SCCDs and SCCNs to those found in the archive. (Walikainen)</li> <li>• Created Terra and Aqua Edition3 spectral correction coefficients (labeled alpha2). Alpha2 uses SWICS data to determine the SW gain changes. Alpha0 and Alpha1 used deep convective cloud scenes to determine SW gain changes. (Walikainen and Szewczyk)</li> <li>• Comparing the "raw" TOTAL spectral responses (SRs) with the Edition1-CV SRs. Specifically, we are looking at the LW day time fluxes generated from these two SRs. (Walikainen)</li> </ul>	

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SS No.	SS Lead	Status	Problems
2.0	Walikainen (Cooper) (Cont'd)	<ul style="list-style-type: none"> <li>• Generated Edition2 ES8Ns for FM1, FM2 and FM3. This is Test0 which uses the Dec-06 gains and spectral responses for each month of the test period, Jan-07 to Aug-07. (Walikainen)</li> </ul>	
3.0	Walikainen (Cooper)	Combined with above.	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Worked on processing G5 and G4 validation results for daily and monthly QC. Worked on formatting output in CSSZA Albedo code. Worked on Cloud Property Difference results including creating zonal difference par files for XMGR and batch code for running difference. (R. Brown)</li> <li>• A-train project. (Sun-Mack)</li> <li>• VIIRS subset issues. (Chen, Sun-Mack)</li> <li>• Going through G4 / G5 results on the web. (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>• Continued working 1995 CERES Science and Data Products Working Agreement as comments received. (Miller)</li> <li>• Continued NEWS updates to Edition3 Convolution code. The remaining variables provided in the current files were implemented. The type definition was updated to current DPC and file produced. Initial testing was also performed. (Miller)</li> <li>• Started Toolkit 5.2.15 testing. Snow and Ice PGE was successfully tested on SGI. Convolution in CER4.1-4.1P4 would not compile due to what appears to be Edition3 issues in CERESlib. Convolution development version executed under new Toolkit on <i>nagacity</i>. (Miller)</li> <li>• Ported convolution code to Mac Intel platform. After minor changes, it was successfully tested. (Miller)</li> </ul>	

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<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.4	Miller (Sun-Mack) (Cont'd)	<ul style="list-style-type: none"> <li>Updated PCF Generator script was provided to CM to correct FM4 IES naming issue in 1P6 delivery. (Miller)</li> </ul>	
4.5	Sothcott	<ul style="list-style-type: none"> <li>Attended weekly SOFA working group meetings. (Sothcott)</li> <li>Continued to support G5-CERES analysis. (Sothcott)</li> <li>Restarted work to convert Edition3Beta1 Inversion software to run on the cluster. (Sothcott)</li> </ul>	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>Attempting to port PGE 5.1P1 to non-SGI platforms. (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>No new updates.</li> </ul>	
7.1	Nguyen (Raju)	<ul style="list-style-type: none"> <li>Updated code to run January 2001 TSI on <i>magneto</i>. (Nguyen)</li> <li>Sent TSI code and the <i>magneto</i> expected outputs to CM for re-testing. (Nguyen)</li> </ul>	
8.0	Nguyen (Raju)	<ul style="list-style-type: none"> <li>Modified code to correct the PAR and the surface UVA and UVB fluxes averages. (Nguyen)</li> <li>Creating expected outputs on <i>warlock</i> and on <i>magneto</i> to redeliver to CM. (Nguyen)</li> </ul>	
10.0	Nguyen (Raju)	<ul style="list-style-type: none"> <li>Updating the averaged flux code to improve TOA and surface fluxes. (Nguyen)</li> <li>Ran July 2002 and January 2003 SRBAVGs with only GGEO clouds for Michelle to validate GGEO ISCCP clouds. (Nguyen)</li> <li>Updated code to correct the daily solar incoming fluxes. (Nguyen)</li> <li>Ran July 2002 SRBAVGs for Dave Doelling to validate. (Nguyen)</li> <li>Preparing documentations for the upcoming delivery. (Nguyen)</li> </ul>	

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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>• Ran 8 months of Terra &amp; Aqua data through PGE 9.0P1 and generated ISCCP-D2like files for TISA science team. (Raju)</li> </ul>	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Processed July 04, Jan 06 GEO data using G5 MOA files on <i>corregidor</i>. Validated outputs and made them available to TISA averaging. (Raju)</li> <li>• Updated MTSAT VIS, IR coefficient values received from Dave Doelling. Updated 1-hourly GGEO code to run two test cases. Ran 09/2007 day 2 MTSAT-10bit data through clouds, one using the normal method and the other setting the VIS values to defaults and process through clouds to calculate IR only. Two sets of web plots were created for science validations. (Raju)</li> <li>• Continued to check February 08 MTSAT1_10bit data images on <i>samantha</i>. (Raju)</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)	Scripts EXIT CODE compliant ? (Y/N)	Prod. Platform (W, M, M*) <sup>2</sup>	TK ver15 Tested? (Y/N/ InProg)	Op Man In Excel? (Y, N, or Review)	Comments
Instrument - 1	CER1.0P1	SSI&T	Y	Y	Planning W, M <sup>1</sup>	<b>N</b>	Review	
	CER1.1P1	SSI&T	Y	Y	W	InProg	Review	
	CER1.1P2	Disabled	N/A	N/A	N/A	N/A	Review	Remain disabled
	CER1.1P3	SSI&T	Y	Y	W	InProg	Review	
	CER1.1P4	Disabled	N/A	N/A	N/A	N/A	Review	Remain disabled
	CER1.1P5	SSI&T	Y	Y	W	InProg	Review	
	CER1.1P6	Disabled	N/A	N/A	N/A	N/A	Review	Remain disabled
	CER1.2P1	SSI&T	Y	Y	W	<b>N</b>	Review	
	CER1.3P1	SSI&T	Y	Y	W	<b>N</b>	Review	
	CER1.3P2	SSI&T	Y	Y	W	<b>N</b>	Review	
	CER1.3P3	SSI&T	Y	Y	W	Y	Review	
ERBE-like - 2	CER2.1P1	Active	<b>N</b>	<b>N</b>	W	InProg	<b>N</b>	
	CER2.2P1	Active	<b>N</b>	Y	W	InProg	<b>N</b>	
	CER2.3P1	Active	<b>N</b>	Y	W	InProg	<b>N</b>	
	CER2.3P2	Active	<b>N</b>	Y	W	InProg	<b>N</b>	
	CER2.4P1	Active	<b>N</b>	Y	W	Y	<b>N</b>	
ERBE-like - 3	CER3.1P1	Active	<b>N</b>	Y	W	InProg	<b>N</b>	
	CER3.2P1	Active	<b>N</b>	Y	W	InProg	<b>N</b>	
	CER3.2P2	Disabled	N/A	N/A	N/A	N/A	N/A	
Clouds	CER4.1-4.0P1	Active	Y	Y	W	Y	<b>N</b>	
4.1-4	CER4.1-4.1P1	Disabled	N/A	Y	W	N/A	N/A	PCF script email / eos + operations and Sunny
	CER4.1-4.1P2	Active	<b>N</b>	Y	W	<b>N</b>	<b>N</b>	
	CER4.1-4.1P3	Active	<b>N</b>	Y	W	<b>N</b>	<b>N</b>	
	CER4.1-4.1P4	Active	Y	Y	W	InProg	<b>N</b>	PCF to eos operations
	CER4.1-4.1P5	Active	Y	Y	W	<b>N</b>	<b>N</b>	PCF to eos operations
	CER4.1-4.1P6	Delivered	Y	Y	W	<b>N</b>	<b>N</b>	
	CER4.1-4.2P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	
	CER4.1-4.2P2	Active	Y	Y	W	<b>N</b>	<b>N</b>	
	CER4.1-4.2P3	Active	Y	Y	W	<b>N</b>	<b>N</b>	
	CER4.1-4.2P4	Delivered	Y	Y	W	<b>N</b>	<b>N</b>	

	CER4.1-4.2P5	Delivered	Y	Y	W	N	N	
	CER4.1-4.3P1	Active	Y	Y	W	N	N	
	CER4.1-4.3P2	Active	Y	Y	W	N	N	
	CER4.1-4.3P3	Delivered	Y	Y	W	N	N	
	CER4.1-4.4P1	Disabled	N	Y	W	N	N	In Op Man, but not in FMP. Delete?
Inversion/SOFA	CER4.5-6.1P1	Disabled	N/A	N/A	N/A	N/A	Review	Probably not to be reactivated
4.5-6	CER4.5-6.1P2	Active	Y	Y	W	N	Review	
	CER4.5-6.1P3	Active	Y	Y	W	N	Review	
	CER4.5-6.1P4	SSI&T	Y	Y	W	N	Review	Terra Main Ed3 version of 1P2
	CER4.5-6.1P5	SSI&T	Y	Y	W	N	Review	Aqua Main Ed3 version of 1P3
	CER4.5-6.2P1	Disabled	N/A	N/A	N/A	N/A	Review	Probably not to be reactivated
	CER4.5-6.2P2	Active	Y	Y	W	N	Review	
	CER4.5-6.2P3	SSI&T	Y	Y	W	N	Review	Subset postprocessor for Terra and Aqua (Ed3 version of 2P2)
	CER4.5-6.3P1	Disabled	N/A	N/A	N/A	N/A	Review	Probably not to be reactivated
	CER4.5-6.3P2	Active	Y	Y	W	N	Review	
	CER4.5-6.3P3	Active	Y	Y	W	N	Review	
	CER4.5-6.4P1	Active	Y	Y	W	N	Review	
	CER4.5-6.4P2	SSI&T	Y	Y	W	N	Review	Monthly validation site (Ed3 for 4P1)
	CER4.5-6.6P2	Active	Y	Y	W	N	Review	
	CER4.5-6.6P3	Active	Y	Y	W	N	Review	
SARB - 5	CER5.0P1	Active	N	Y	W, M	N	N	
	CER5.1P1	Active	N	Y	W	N	N	
	CER5.1P2	Active	N	Y	M	N	N	
	CER5.2P1	Deleted	N/A	N/A	N/A	N/A	N/A	
	CER5.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER5.4P1	Active	N	Y	W	N	N	
	CER5.4P2	Active	N	Y	W	N	N	
TISA Grid - 6	CER6.1P1	Active	Y	Y	W	N	N	
	CER6.2P1	Active	Y	Y	W	N	N	
	CER6.3P1	Active	Y	Y	W	N	N	
TISA Avg - 7.1	CER7.1.1P1	SSI&T	Y	Y	W, M	N	N	
SARB - 7.2	CER7.2.1P1	Active	N	Y	W, M	N	N	
	CER7.2.2P1	Never Was	N/A	N/A	N/A	N/A	N/A	
TISA Avg - 8	CER8.1P1	SSI&T	Y	Y	Planning W, M <sup>1</sup>	N	N	
	CER8.2P1	Active	Y	Y	Planning W, M <sup>1</sup>	N	N	Merging with CER8.1P1 with upcoming delivery

TISA Grid - 9	CER9.0P1	SSI&T	Y	Y	Planning W, M <sup>1</sup>	<b>N</b>	<b>N</b>	
	CER9.1P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	
	CER9.2P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	
	CER9.3P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	
	CER9.4P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	
TISA Avg - 10	CER10.0P1	Developing	Y	Y	Planning W, M <sup>1</sup>	<b>N</b>	<b>N</b>	
	CER10.0P2	Developing	Y	Y	Planning W, M <sup>1</sup>	<b>N</b>	<b>N</b>	
	CER10.0P3	Developing	Y	Y	Planning W, M <sup>1</sup>	<b>N</b>	<b>N</b>	New PGE for plots
	CER10.1P1	Disabled	Y	Y	W	<b>N</b>	N/A	Replace with CER10.0P2
	CER10.1P2	Disabled	Y	Y	W	<b>N</b>	N/A	Replace with CER10.0P1
	CER10.2P1	Deleted	Y	Y	W	<b>N</b>	N/A	
	CER10.3P1	Deleted	Y	Y	W	<b>N</b>	N/A	
	CER10.1P3	Disabled	Y	Y	W	<b>N</b>	N/A	
	CER10.1P4	Active	Y	Y	W	<b>N</b>	N/A	Replace with CER10.0P2 for Terra
	CER10.1P5	Active	Y	Y	W	<b>N</b>	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	Y	W	<b>N</b>	<b>N</b>	
	CER11.2P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.2P2	Active	Y	Y	W	<b>N</b>	<b>N</b>	
	CER11.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.4P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	
	CER11.5P1	Deleted	N/A	N/A	N/A	N/A	N/A	
	CER11.6P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	
	CER11.7P1	Developing	Y	Y	Planning W, M <sup>1</sup>	<b>N</b>	<b>N</b>	
Regrid MOA -12	CER12.1P1	Active	<b>N</b>	Y	W, M	<b>N</b>	<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	Y	Y
CRS	SARB	Archival	Y	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
New - 9	TISA-Gridding	Archival	<b>N</b>	Y
New - 11	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>
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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
	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	CER4.5-6P1P4, 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, CER4.5-6.3P1	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