

## April 2, 2008 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 4/01/08  
Active Requests in order of priority**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
M-PR 3-02		NSIDC-NESDIS	EICE ESNOW (SS4.1)	4.1-4.0P1	Standing request	
PR 138-07	FM3	Test-G5-CERES1	Clouds (SS4.1-4)	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	1/06	<b>Done. 3/18/08</b>
PR 137-07	FM3	Test-G5-CERES1	Inversion (SS4.5-6)	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	1/06	<b>Done. 3/28/08</b>
PR 136-07	FM3	Test-G5-CERES1	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	1/06	<b>Done. 3/28/08</b>
PR 135-07	FM2	Test-G5-CERES1	Clouds (SS4.1-4)	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	1/06	<b>Done. 3/18/08.</b>
PR 134-07	FM2	Test-G5-CERES1	Inversion (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/06	<b>Done. 3/18/08.</b>
PR 133-07	FM2	Test-G5-CERES1	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	1/06	<b>Done. 3/19/08.</b>
PR 132-07	FM1	Test-G5-CERES1	Clouds (SS4.1-4)	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	7/04	<b>Done. 3/28/08.</b>
PR 131-07	FM1	Test-G5-CERES1	Inversion (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	7/04	<b>Done. 3/28/08.</b>
PR 130-07	FM1	Test-G5-CERES1	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	7/04	<b>Done. 3/28/08.</b>
PR 10-08	FM1 or FM2	Beta4c	TISA avg (SS 7.1)	7.1.1P1	1/01 - 10/01 seasonal months	<b>Promoted.</b>
PR 9-08	FM3 or FM4	Beta4c	TISA avg (SS 7.1)	7.1.1P1	1/03 - 10/03 seasonal months	<b>Promoted.</b>
PR 10B-08	FM1 or FM2	Beta4c	Syn SARB (SS 7.2)	7.2.1P1	1/01	<b>Waiting on TSI.</b>
PR 9B-08	FM3 or FM4	Beta4c	Syn SARB (SS 7.2)	7.2.1P1	1/03	<b>Waiting on TSI.</b>

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PR 8-08	FM1 or FM2	Beta4w	TISA avg (SS 7.1)	7.1.1P1	1/01 - 10/01 seasonal months	<b>In progress.</b>
PR 7-08	FM3 or FM4	Beta4w	TISA avg (SS 7.1)	7.1.1P1	1/03 - 10/03 seasonal months	<b>In progress.</b>
PR 8B-08	FM1 or FM2	Beta4w	Syn SARB (SS 7.2)	7.2.1P1	1/01	<b>In progress.</b>
PR 7B-08	FM3 or FM4	Beta4w	Syn SARB (SS 7.2)	7.2.1P1	1/03	<b>Waiting on TSI.</b>
PR 111-07	FM1, FM2	ValR9	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03	<b>Waiting on Delivery.</b>
PR 113-07	FM3, FM4	ValR9	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03, 10/04	<b>Waiting on Delivery.</b>
PR 112-07	FM3, FM4	ValR10	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03	<b>Waiting on Delivery.</b>
PR 129-07	FM1 or FM2	Beta4	TISA avg (SS 7.1)	7.1.1P1	4/00 – 10/05 seasonal months only	<b>Promoted.</b>
PR 128-07	FM1 or FM2	Beta4	Synoptic SARB (SS 7.2)	7.2.1P1	4/00 – 10/05 seasonal months only	<b>Promoted.</b>
PR 127-07	FM3 or FM4	Beta4	TISA avg (SS 7.1)	7.1.1P1	7/02 – 10/05 seasonal months only	<b>Promoted.</b>
PR 126-07	FM3 or FM4	Beta4	Synoptic SARB (SS 7.2)	7.2.1P1	7/02 – 10/05 seasonal months only	<b>Promoted.</b>
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.

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<b>Production Request (PR)</b>	<b>Satellite</b>	<b>Production Strategy</b>	<b>Data Product (SS#)</b>	<b>PGEs</b>	<b>Data Dates</b>	<b>Special Status</b>
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	TISAgri (SS6)	6.1P1 6.2P1 6.3P1	3/06 - 6/06	<b>Waiting on SARB (SS5).</b>
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	<b>Delivered, waiting on promotion.</b>
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	<b>Delivered, waiting on promotion.</b>
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	<b>Delivered, waiting on promotion.</b>
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	<b>Delivered, waiting on promotion.</b>
PR 80-07	FM3	Edition2B	TISAgri (SS6)	6.1P1 6.2P1 6.3P1	12/31/05 - 4/06	Completed 11/25/07.
PR 5-08	FM3	Edition2C	Inst SARB (SS 5)	5.0P1 5.1P2 5.4P2	5/1/06 – 12/31/06	<b>Waiting on ValR11 to be approved.</b>
PR 4-08	FM3	Edition2C	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 2-08	FM1	Edition2F	Inst SARB (SS 5)	5.0P1 5.1P1 5.4P1	5/1/06 – 12/31/06	<b>Waiting on ValR11 to be approved.</b>
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).
PR 108-07	FM1, FM2	Edition2E	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	3/00 - 10/05	<b>Waiting on delivery.</b>
PR 110-07	FM3	Edition2B	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02 - 10/05	<b>Waiting on delivery.</b>
PR 109-07	FM4	Edition2B	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02 - 3/05	<b>Waiting on delivery.</b>

**Table 2. April 2, 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>• <b><u>(Information to be supplied at a later date.)</u></b></li></ul>

**Table 3. CERES Subsystem Delivery Schedule - March 2008 - (new schedule to be supplied later this week)**  
**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. Product name: CER_ISCCP-D2like_Terra/Aqua-FM1/2/3/4-MODIS_CC.YYYYMM. New PGE CER9.0P1.		X	<i>warlock &amp; magneto</i>
GGEO (SCCR 653)	April 18	May 2	May 9	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>
TISA Averaging (SCCR 650)	April 18	May 2	May 9	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>

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GGEO	May 2	May 16	May 23	Support Beta1 processing of new ISCCP-like, crosstrack-only, GEO data product based on GGEO. Product name: CER_ISCCP-D2like_GEO_CC.YYYYMM. New PGE CER11.7P1.		X	<i>warlock &amp; magneto</i>
Regrid MOA	May			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>

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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)
SARB		???		MATCH (Collection 5) data files for November - December 2007.			<i>warlock &amp; magneto</i>
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 - March 2008 - (new schedule to be supplied later this week)**

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 xx at 2:00 p.m. – April xx at 1:00 p.m.**

**(Will be updated later this week.)**

<b>SCCR</b>	<b>S</b>	<b>U</b>	<b>A</b>	<b>C</b>	<b>D</b>	<b>SS</b>	<b>Page No.</b>	<b>Comments</b>

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

**CERES Software Configuration Change Request Submittal**

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**Table 6. April 2, 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>• All PGEs have been delivered to CERES CM. The Test Plan has been updated to include all the changes necessary to support the new directory structure. Work to update the existing Ops Manual is also being done for this delivery. The Excel version of the Ops Manual is also being delivered as the first version of the new plan for Instrument. (Cooper)</li> <li>• A new employee, Ashley Alford began work on March 27th. He will be designing and writing the software to reformat the NPP Level-0 data. He will also be working on converting the existing HDF write routines from Ada to C++, combining the two sets of existing code into one common set. (Alford, Cooper)</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>• Created nadir files (labeled S8N) from all available ERBS, NOAA9 and NOAA10 S8s. The S8Ns were created in between a daacget and remove of an S8. Thus, NO STAGING will be required as requested at the last DMT meeting. The S8Ns have nearly the same fields as the CERES nadir files: the S8Ns do not have WN filtered and unfiltered radiances, but they do have LW filtered radiances. Hopefully, with slight modifications to our software that analyze CERES nadir radiances and fluxes, we should be able to use the S8Ns for ERBElike analysis of the ERBE data set. In particular, we hope to expand out Tropical Mean analysis to include scanned ERBE radiances. (Walikainen and Thomas)</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>• Created Aqua Edition3 spectral correction coefficients (labeled alpha1). For Edition 3, we wish to determine the appropriate SW and TOT gains and spectral responses (SRs) that compensate for RAM directed measurements. We have two approaches for this Edition 3 objective: alpha and beta. The alpha approach has three areas of interest: SW, LW part of TOTAL and SW part of TOTAL. Alpha1 features small changes to the Edition1-CV SW gain and SRs. (Walikainen and Szewczyk)</li> <li>• Determining the Edition 3 spectral responses (SRs) for the LW part of Terra's TOTAL channels continues. The last DMT report mentioned numerical experiments designed to remove the Edition1-CV LW night time direct compare scene dispersion. These experiments apply small perturbations to the Edition1-CV SRs. The experimental SRs that reduced the scene dispersion the most had features similar to the "raw" TOTAL SRs. These "raw" SRs are measured results, but for a variety of reasons were modified to generate "smoothed" static SRs. Our next round of experiments should start with these "raw" SRs. Hopefully, we can find a reasonable set of SRs in between the "raw" and the "smoothed" static SRs. (Walikainen and Szewczyk)</li> <li>• Created Edition3 beta spectral correction coefficients for FM1. This is a trial run labeled Beta14. If it is successful, then we may expect a Beta15 version for the Science to consider. Beta 14 adjusts FM1 radiances to PFM levels. More importantly, in addition to using deep convective clouds and clear ocean scenes Beta 14 uses land scenes to determine the SW spectral responses. (Walikainen and Matthews)</li> </ul>	
3.0	Walikainen (Cooper)	Combined with above.	

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4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Processed G5 QC results for 200601 for Terra and Aqua. Created difference plots and stats between G5 and G4 results for 200601. Created web scripts for QC Viewer for comparison of G5 and G4 results. (R. Brown, Chen, Sun-Mack)</li> <li>• Worked on updating QC web viewer scripts and results to add Histograms, ClearSky Albedo vs SZA and ClearSky Overhead Albedo Maps for Terra Edition2A-QC and Aqua Edition1B datasets. (R. Brown)</li> <li>• Studies VIIRS 5-min granules including reading, understanding, communication with Goddard, sizes. (Chen, Sun-Mack)</li> <li>• Worked on A-train project bringing in CALIPSO Aerosol Layer Product. (Sun-Mack)</li> <li>• Worked on the 1st reviewer's comments regarding CERES mask paper. (Trepte, Chen, Miller, 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>• Updated 1995 CERES Science and Data Products Working Agreement as draft for review by Science and ASDC for NPP. (Miller)</li> <li>• Continued NEWS updates to Edition3 Convolution code. Altitude have been assigned cloud and aerosol layers. Profiles for cloud fraction and type were implemented. Initial testing was also performed. (Miller)</li> <li>• Investigated problem with delivery that was tracked to a typo in the PCF Generator script (PS2 instead of PS1). (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>• Completed converting the Operator's Manual into Excel spreadsheet format and updated for the four new PGEs. (Sothcott)</li> <li>• Supporting analysis of the G5 test results. (Sothcott)</li> </ul>	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• ValR11 files have been validated. (Caldwell)</li> <li>• Working on G5 CRS validation at SCF. (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>• Developing Edition3 MOA code. (Caldwell).</li> </ul>	
7.1	Nguyen (Raju)	<ul style="list-style-type: none"> <li>• No new updates. (Nguyen)</li> </ul>	
8.0	Nguyen (Raju)	<ul style="list-style-type: none"> <li>• No new updates. (Nguyen)</li> </ul>	
10.0	Nguyen (Raju)	<ul style="list-style-type: none"> <li>• Continue validating SW surface fluxes. (Nguyen)</li> <li>• Added a subroutine to compute the SW fluxes when cosine solar zenith angles are less than 0.05. (Nguyen)</li> <li>• Working on the new directory structures. (Nguyen)</li> <li>• The webplot programs for SRBAVG parameters do not work. Debugging to find the problems. (Nguyen)</li> <li>• Running January 2006 Aqua and Terra SRBAVGs for G5 testing. Find "NaN" in the cloud optical depths. Waiting for the updated GGEO. (Nguyen)</li> <li>• Preparing documentations for the upcoming delivery. (Nguyen)</li> </ul>	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• No new updates. (Raju)</li> </ul>	

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9.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• PGE CER9.0P1 code was updated to generate two HDF products, one for the day and one for the night times. Ran FM1 July 2002 data for science validation. (Raju)</li> <li>• Received science approval and PGE 9.0P1 was delivered to CERES CM. Documents were updated and sent to CERES CM. (Raju)</li> <li>• Work started to run 8 months of data through PGE 9.0P1 for science validations. (Raju)</li> </ul>	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Processed July 04, Jan 06 data using G5 MOA files on <i>corregidor</i>. and created GGEO product. Data validation showed some bad values in the outputs. Found that array to array assignment in the code caused this problem. Updated the code and started running these two months again at SCF. (Raju)</li> <li>• Received new MTSAT coefficients from Dave Doelling. Need to update the code to run Sep 07 test month. (Raju)</li> <li>• Checked Jan 08 MTSAT1_10 bit data images on <i>samantha</i>. Cleaned bad scans on some of the images and created a list of images that are very bad and not be included in the ggeo process. (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>	Test Plan in Word? (Y, N, or Review)	Op Man In Excel? (Y, N, or Review)	Comments	
Instrument - 1	CER1.0P1	SSI&T	Y	Y	Planning W, M <sup>1</sup>	Y	Review		
	CER1.1P1	SSI&T	Y	Y	W	Y	Review		
	CER1.1P2	Disabled	N/A	N/A	N/A	Y	Review	Remain disabled	
	CER1.1P3	SSI&T	Y	Y	W	Y	Review		
	CER1.1P4	Disabled	N/A	N/A	N/A	Y	Review	Remain disabled	
	CER1.1P5	SSI&T	Y	Y	W	Y	Review		
	CER1.1P6	Disabled	N/A	N/A	N/A	Y	Review	Remain disabled	
	CER1.2P1	SSI&T	Y	Y	W	Y	Review		
	CER1.3P1	SSI&T	Y	Y	W	Y	Review		
	CER1.3P2	SSI&T	Y	Y	W	Y	Review		
	CER1.3P3	SSI&T	Y	Y	W	Y	Review		
	ERBE-like - 2	CER2.1P1	Active	<b>N</b>	<b>N</b>	W	Y	<b>N</b>	
		CER2.2P1	Active	<b>N</b>	Y	W	Y	<b>N</b>	
		CER2.3P1	Active	<b>N</b>	Y	W	Y	<b>N</b>	
CER2.3P2		Active	<b>N</b>	Y	W	Y	<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	Y	<b>N</b>		
	CER3.2P1	Active	<b>N</b>	Y	W	Y	<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	Y	<b>N</b>		
	CER4.1-4.1P3	Active	<b>N</b>	Y	W	Y	<b>N</b>		
	CER4.1-4.1P4	Active	Y	Y	W	Y	<b>N</b>	PCF to eos operations	
	CER4.1-4.1P5	Active	Y	Y	W	Y	<b>N</b>	PCF to eos operations	
	CER4.1-4.1P6	Delivered	Y	Y	W	Y	<b>N</b>		
	CER4.1-4.2P1	Active	Y	Y	W	Y	<b>N</b>		
	CER4.1-4.2P2	Active	Y	Y	W	Y	<b>N</b>		
	CER4.1-4.2P3	Active	Y	Y	W	Y	<b>N</b>		
	CER4.1-4.2P4	Delivered	Y	Y	W	Y	<b>N</b>		
	CER4.1-4.2P5	Delivered	Y	Y	W	Y	<b>N</b>		

	CER4.1-4.3P1	Active	Y	Y	W	Y	<b>N</b>	
	CER4.1-4.3P2	Active	Y	Y	W	Y	<b>N</b>	
	CER4.1-4.3P3	Delivered	Y	Y	W	Y	<b>N</b>	
	CER4.1-4.4P1	Disabled	N	Y	W	N/A	<b>N</b>	In Op Man, but not in FMP. Delete?
Inversion/SOFA	CER4.5-6.1P1	Disabled	N/A	N/A	N/A	Y	<b>In Review</b>	Probably not to be reactivated
4.5-6	CER4.5-6.1P2	Active	Y	Y	W	Y	<b>In Review</b>	
	CER4.5-6.1P3	Active	Y	Y	W	Y	<b>In Review</b>	
	CER4.5-6.1P4	SSI&T	Y	Y	W	Y	<b>In Review</b>	Terra Main Ed3 version of 1P2
	CER4.5-6.1P5	SSI&T	Y	Y	W	Y	<b>In Review</b>	Aqua Main Ed3 version of 1P3
	CER4.5-6.2P1	Disabled	N/A	N/A	N/A	Y	<b>In Review</b>	Probably not to be reactivated
	CER4.5-6.2P2	Active	Y	Y	W	Y	<b>In Review</b>	
	CER4.5-6.2P3	SSI&T	Y	Y	W	Y	<b>In Review</b>	Subset postprocessor for Terra and Aqua (Ed3 version of 2P2)
	CER4.5-6.3P1	Disabled	N/A	N/A	N/A	Y	<b>In Review</b>	Probably not to be reactivated
	CER4.5-6.3P2	Active	Y	Y	W	Y	<b>In Review</b>	
	CER4.5-6.3P3	Active	Y	Y	W	Y	<b>In Review</b>	
	CER4.5-6.4P1	Active	Y	Y	W	Y	<b>In Review</b>	
	CER4.5-6.4P2	SSI&T	Y	Y	W	Y	<b>In Review</b>	Monthly validation site (Ed3 for 4P1)
	CER4.5-6.6P2	Active	Y	Y	W	Y	<b>In Review</b>	
	CER4.5-6.6P3	Active	Y	Y	W	Y	<b>In Review</b>	
SARB - 5	CER5.0P1	Active	<b>N</b>	Y	W, M	Y	<b>N</b>	
	CER5.1P1	Active	<b>N</b>	Y	W	Y	<b>N</b>	
	CER5.1P2	Active	<b>N</b>	Y	M	Y	<b>N</b>	
	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	<b>N</b>	Y	W	Y	<b>N</b>	
	CER5.4P2	Active	<b>N</b>	Y	W	Y	<b>N</b>	
TISA Grid - 6	CER6.1P1	Active	Y	Y	W	Y	<b>N</b>	
	CER6.2P1	Active	Y	Y	W	Y	<b>N</b>	
	CER6.3P1	Active	Y	Y	W	Y	<b>N</b>	
TISA Avg - 7.1	CER7.1.1P1	SSI&T	Y	Y	W, M	Y	<b>N</b>	
SARB - 7.2	CER7.2.1P1	Active	<b>N</b>	Y	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	Y	Planning W, M <sup>1</sup>	Y	<b>N</b>	
	CER8.2P1	Active	Y	Y	Planning W, M <sup>1</sup>	Y	<b>N</b>	Merging with CER8.1P1 with upcoming delivery
TISA Grid - 9	CER9.0P1	SSI&T	Y	Y	Planning W, M <sup>1</sup>	Y	<b>N</b>	
	CER9.1P1	Active	Y	Y	W	Y	<b>N</b>	
	CER9.2P1	Active	Y	Y	W	Y	<b>N</b>	

	CER9.3P1	Active	Y	Y	W	Y	<b>N</b>	
	CER9.4P1	Active	Y	Y	W	Y	<b>N</b>	
TISA Avg - 10	CER10.0P1	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	<b>N</b>	
	CER10.0P2	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	<b>N</b>	
	CER10.0P3	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	<b>N</b>	New PGE for plots
	CER10.1P1	Disabled	Y	Y	W	N/A	N/A	Replace with CER10.0P2
	CER10.1P2	Disabled	Y	Y	W	N/A	N/A	Replace with CER10.0P1
	CER10.2P1	Deleted	Y	Y	W	N/A	N/A	
	CER10.3P1	Deleted	Y	Y	W	N/A	N/A	
	CER10.1P3	Disabled	Y	Y	W	N/A	N/A	
	CER10.1P4	Active	Y	Y	W	N/A	N/A	Replace with CER10.0P2 for Terra
	CER10.1P5	Active	Y	Y	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	Y	W	Y	<b>N</b>	
	CER11.2P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.2P2	Active	Y	Y	W	Y	<b>N</b>	
	CER11.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.4P1	Active	Y	Y	W	Y	<b>N</b>	
	CER11.5P1	Deleted	N/A	N/A	N/A	N/A	N/A	
	CER11.6P1	Active	Y	Y	W	Y	<b>N</b>	
	CER11.7P1	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	<b>N</b>	
Regrid MOA -12	CER12.1P1	Active	<b>N</b>	Y	W, M	Y	<b>N</b>	

Table 1 Key:

1Status	Active	Currently able to run in production
	Developing	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

2Prod. Platform	W	Currently executes on warlock
	M	Ccurrently 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>

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
8/7/07	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
8/21/07	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
9/4/07	All	No changes
9/18/07	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
10/16/07	CER7.1P1, CER8.1P1, CER8.2P2	Changed status of Test Plans to Word to indicate in review.
10/30/07	All remaining PGEs except ERBE-like	Changed status of Test Plans to Word to indicate in review.
11/27/07	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"
12/11/07	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
	CER10.0Px	Changed Prod. Platform from "W, M*" to "Planning W, M"
1/8/08	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
1/22/08	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
2/5/08	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

2/19/08	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.
3/4/08	CER4.5-6P1P4, CER4.5-6.1P5, CER4.5-6.2P3, CER4.5-6.4P2	Changed Prod Platform from "Planning W, M" to "W"
3/18/08	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
4/1/08	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"