

## October 17, 2007 - System Issues and Status

**Table 1: Process Strategy/Geier as of 10/17/07  
Active Requests in order of priority (1 of 4)**

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 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>
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.

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<b>Production Request (PR)</b>	<b>Satellite</b>	<b>Production Strategy</b>	<b>Data Product (SS#)</b>	<b>PGEs</b>	<b>Data Dates</b>	<b>Special Status</b>
PR 92-07	FM1, FM2, V005	Edition2A-QC	Clouds (SS4.1-4)	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	1/06	Done 10/2/07.
PR 91A-07	FM2	Edition2F	Inversion (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/06	Done 10/2/07.
PR 90A-07	FM2	Edition2F	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	1/06	Done 10/2/07.
PR 101-07	FM3, FM4, V005	Edition1B	Clouds (SS4.1-4)	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	1/06	Done 10/6/07.
PR 100-07	FM3, V005	Edition2C	Inversion (SS4.5-6)	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	1/06	Done 10/6/07.
PR 99-07	FM4, V005	Ed2C-NoSW	Inversion (SS4.5-6)	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	1/06	Done 10/6/07.
PR 98-07	FM3	Edition2C	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	1/06	Done 10/6/07.
PR 97-07	FM4	Ed2C-NoSW	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	1/06	Done 10/6/07.
PR 74-07 to 76-07	FM2	Edition2B	SARB (SS5)	5.0P1 5.1P1 5.4P1	12/31/05 - 3/1/06	Terra CRS approved 8/2/07.
PR 72-07	FM2	Edition2C	TISAgid (SS6)	6.1P1 6.2P1 6.3P1	12/31/05 - 3/1/06	
PR 77-07 to 79-07	FM1	Edition2B	SARB (SS5)	5.0P1 5.1P1 5.4P1	3/06 - 6/06	Terra CRS approved 8/2/07.
PR 73-07	FM1	Edition2C	TISAgid (SS6)	6.1P1 6.2P1 6.3P1	3/06 - 6/06	

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PR 81-07 to 83-07	FM3	Edition2B	SARB (SS5)	5.0P1 5.1P2 5.4P2	12/31/05 - 5/1/06	Aqua CRS approved 7/13/07.
PR 80-07	FM3	Edition2B	TISAgird (SS6)	6.1P1 6.2P1 6.3P1	12/31/05 - 4/06	
PR 92-07	FM1, FM2, V005	Edition2A-QC	Clouds (SS4.1-4)	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	4/30/06 - 1/1/07	
PR 91-07	FM1, FM2	Edition2F	Inversion (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	4/30/06 - 1/1/07	
PR 90-07	FM1, FM2	Edition2F	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	5/06 - 12/06	
PR 101-07	FM3, FM4, V005	Edition1B	Clouds (SS4.1-4)	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	4/30/06 - 1/1/07	
PR 100-07	FM3, V005	Edition2C	Inversion (SS4.5-6)	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	4/30/06 - 1/1/07	
PR 99-07	FM4, V005	Ed2C-NoSW	Inversion (SS4.5-6)	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	4/30/06 - 1/1/07	
PR 98-07	FM3	Edition2C	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	5/06 - 12/06	
PR 97-07	FM4	Ed2C-NoSW	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	5/06 - 12/06	
PR 12-07	FM3	Edition2B	Inversion (SS4.5-6)	4.5-6.6P3 4.5-6.2P2 4.5-6.4P1	7/2/02 hr 15 to 12/31/05 hr 11	
PR 9-07	FM3	Edition2B	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	7/2/02 hr 15 to 1/1/06 hr 11	

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<b>Production Request (PR)</b>	<b>Satellite</b>	<b>Production Strategy</b>	<b>Data Product (SS#)</b>	<b>PGEs</b>	<b>Data Dates</b>	<b>Special Status</b>
PR 11-07	FM4	Edition2B	Inversion (SS4.5-6)	4.5-6.6P3 4.5-6.2P2 4.5-6.4P1	7/2/02 to 3/30/05 hr 17	
PR 8-07	FM4	Edition2B	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	7/2/02 to 3/30/05 hr 17	
PR 84A-07 to 84C-07	FM3 or FM4	Edition2B	SARB (SS5)	5.0P1 5.1P2 5.4P2	7/02 - 12/05	Aqua CRS approved 7/13/07.
PR 84D-07	FM3 or FM4	Edition2B	TISAgrid (SS6)	6.1P1 6.2P1 6.3P1	7/02 - 12/05	
PR 10-07	FM4	Ed2B-NoSW	Inversion (SS4.5-6)	4.5-6.6P3 4.5-6.2P2 4.5-6.4P1	3/30/05 hr 18 to 12/31/05 hour 11	
PR 7-07	FM4	Ed2B-NoSW	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	3/31/05 hr 12 to 1/1/06 hr 11	
PR 108-07	FM1, FM2	Edition2E	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	3/00 - 10/05	<b>Waiting on ValR9 approval.</b>
PR 110-07	FM3	Edition2B	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02 - 10/05	<b>Waiting on ValR10 approval.</b>
PR 109-07	FM4	Edition2B	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02 - 3/05	<b>Waiting on ValR10 approval.</b>
M PR 2-06		GEOS4	MOA (SS12)	12.1P1	Standing request	
M PR 1-06		GEOS4	PMOA (SS9.1)	9.1P1	Standing request	

**Table 2: October 17, 2007 - 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>• Modified CERES Web sites to be compliant with the AWRS checklist. (Saunders)</li> <li>• Completed the AWRS checklist for the ERBE-like DM LaRC and public Web sites. (Saunders, Ayers)</li> <li>• Began converting the Instrument Test Plan to Word. (Saunders)</li> <li>• Reviewed the Excel workbook documenting the logical IDs used by Instrument. (Ayers)</li> <li>• Worked with Denise Cooper, Walt Miller, and Scott Zentz on the proposed delivery directory structure. (Ayers)</li> <li>• Prepared the third quarter QStats report. (Ayers)</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 - October 2007**

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	Fall			MATCH (collection 5) data files for May - December 2006.			<i>warlock &amp; magneto</i>
SARB	Fall			MATCH (collection 5) data files for January - June 2007.			<i>warlock &amp; magneto</i>
Instrument (SCCR 641)	October			Delivery of simulated IES PGE to support TRMM VIRS-only processing.			<i>warlock &amp; magneto</i>
CERESlib	October			New ADACOMP environment variable. 32-bit version of CERESlib for <i>magneto</i> .			<i>warlock &amp; magneto</i>
Instrument (SCCR 610)	October			To allow processing of both Edition2 and Edition3 data through PGE CER1.3P3	X		<i>warlock &amp; magneto</i>
TISA Averaging (SCCR 660)	September 28	October 19	October 26	To support Terra Beta4 and Aqua Beta1 TSI processing.			<i>warlock</i>
Synoptic SARB	November (month after TSI delivery)			To support Terra Beta4 and Aqua Beta1 SYNI processing.			<i>warlock &amp; magneto</i>
TISA Averaging (SCCR 650)	November			Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing.		X	<i>warlock &amp; magneto</i>
Clouds	November 16	November 30	December 7	Terra/Aqua Beta1 Edition3 SSF processing.			<i>warlock</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		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</i>
Inversion		Two weeks after Clouds		Terra/Aqua Beta1 Edition3 SSF processing.	X		<i>warlock &amp; magneto</i>
TISA Gridding		Two weeks after Inversion		Support Terra/Aqua Beta Edition3 SFC processing.			<i>warlock &amp; magneto</i>
TISA Averaging		January 2008		To support Terra Beta4 and Aqua Beta1 AVG, ZAVG, and SYN processing.			<i>warlock</i>
Clouds		Spring 2008		Support TRMM VIRS-only processing of August 2001 forward.			<i>warlock</i>
Inversion		Two to four weeks after Clouds		Support TRMM VIRS-only processing.			<i>warlock</i>
TISA Gridding		???		PMOA delta delivery dealing with overlap file checking.			<i>warlock</i>

**Table 4: CERES Coefficients Delivery Schedule - October 2007**

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	Fall 2007		Terra and Aqua Edition2 gains and spectral response function files January 2007 - ???.	<i>warlock/ magneto</i>
GGEO	Fall	Fall 2007		Final coefficients for 1/06 - 4/06.	<i>warlock</i>
Instrument/ ERBE-like	N/A	March 2008		Terra Edition3 gains and spectral response function files for February 2000 - June 2005.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	March 2008		Aqua Edition3 gains and spectral response function files for June 2002 - March 2005.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	2008		Terra Edition3 gains and spectral response function files for July 2005 - December 2005.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	2008		Aqua Edition3 gains and spectral response function files for April 2005 - December 2005.	<i>warlock/ magneto</i>
Instrument/ ERBE-like		???		TRMM Edition3 gains and spectral response function files for December 1997 - April 2000.	<i>warlock/ magneto</i>



**Table 5: SCCR Activity October 2 at 3:00 p.m. - October 15 at 3:00 p.m.**

<b>SCCR</b>	<b>S</b>	<b>U</b>	<b>A</b>	<b>C</b>	<b>D</b>	<b>SS</b>	<b>Page No.</b>	<b>Comments</b>
660			X			7.1		

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

**Table 6: October 17, 2007 - Subsystem Issues and Status (1 of 4)**

SS No.	SS Lead	Status	Problems
1.0	Cooper (Walikainen)	<ul style="list-style-type: none"> <li>Waiting to hear that the necessary Toolkit and CERESlib have been re-setup on <i>mag501-mag503</i> to continue testing of Instrument on the <i>magneto</i> cluster. (Cooper)</li> <li>All of the new Perl scripts have been checked out on <i>thunder</i>, waiting for the <i>magneto</i> configurations to be completed to test the scripts in the Linux environment. (Cooper)</li> <li>The next set of Edition3 gains are now available for validation. A subset of data has been processed on the Mac cluster to help determine if these results vary greatly from the previous set of provided gains. Studies continue on Edition3 gain and SRF updates. (Cooper, Snyder)</li> <li>Continued work on new spreadsheet format. The SEC is still working out the details of what will be included in each worksheet and how to track changes made to the workbook. The format should be finalized after the STM in November. (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>Evaluating Beta9 spectral responses for Edition3. (Walikainen)</li> <li>Examining clear ocean albedo using combined ssf-es8 nadir product. Hopefully, this may allow us to determine changes to the blue part of the spectral response for a single instrument. (Walikainen)</li> </ul>	
3.0	Walikainen (Cooper)	Combined with above.	

**Table 6: October 17, 2007 - Subsystem Issues and Status (2 of 4)**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>Completed processing CloudVis images for Aqua Edition1A from January 2006 through April 2006 for Marie Byrd Land; Ny Alesund, Spitsbergen; Syowa, Antarctica and Georg Con Neumayer, Antarctica regions. CloudVis images for Terra Edition2-QC data from January 2006 through July 2006 were processed for subset regions 34, 35, and 44 through 49. (R. Brown)</li> <li>Produced QC global map files for Terra Edition2-QC and Aqua Edition1A for 20030925 -1118 for several Cloud Properties. (R. Brown)</li> <li>Created Snow albedo models, implemented the models into the production code, examined impact on the cloud detections... (Chen, Sun-Mack)</li> <li>Worked on processing GLAS cloud amount and optical depth, which included global maps, zonal plots, histograms... for a GRL paper submission. (Chen, Sun-Mack)</li> <li>Helped numerous people on their A-Train meeting preparations. (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>Refactored convolution code to ease implementation of Edition3 changes and branch for NEWS processing. (Miller)</li> <li>Monitored Terra Edition2A-QC processing for January, and May 2006. Six, and five hours did not process. No or failed IES was the cause for nine hours and one bad MODIS granule prevented two hours from completing. (Miller)</li> <li>Monitored Aqua Edition1B processing for January 2006. Two hours did not process. There was no IES for one and cloud retrieval failed when there was too many subset regions in the hour. (Miller)</li> <li>Pulled Aqua FM3 Edition2B 2006 GQCI reports and created daily files. (Miller)</li> </ul>	

**Table 6: October 17, 2007 - Subsystem Issues and Status (3 of 4)**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.5	Sothcott	<ul style="list-style-type: none"> <li>• Attended weekly SOFA working group meetings. (Sothcott)</li> <li>• Continued testing of new Edition3 LW and SW algorithms for Terra. (Sothcott)</li> <li>• Continued work to determine differences between SGI and Mac cluster results. (Sothcott)</li> </ul>	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• No new updates.</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Preparing to run additional months of TSI data to validate Beta4 code. (Caldwell)</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 the solar declination code to change distance correction, delta longitude, solar declination angles from daily to hourly. Modified code to accommodate the dimension changes. (Nguyen)</li> <li>• Modified the adjusted cloud top and bottom pressures. (Nguyen)</li> <li>• Ran January, April and July 2002 TSI for validation. (Nguyen)</li> <li>• Preparing for the delivery. (Nguyen)</li> </ul>	
8.0	Nguyen (Raju)	<ul style="list-style-type: none"> <li>• Updated TOA SW flux average for SYN. (Nguyen)</li> </ul>	
10.0	Nguyen (Raju)	<ul style="list-style-type: none"> <li>• Updating code to include the dimension changes in solar declination angles, delta longitudes and distance corrections. (Nguyen)</li> </ul>	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Completed Aqua Edition2B FSW Data Quality Summaries and sent the document to User Services. (Raju)</li> </ul>	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• No new updates. (Raju)</li> </ul>	

**Table 6: October 17, 2007 - Subsystem Issues and Status (4 of 4)**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Checked August, September 2007 MTSAT1_10bit real time data images and removed bad scan lines on some of the images. Notified Doug to make binary flat files for ingest by the DAAC. (Raju)</li> <li>• Work continued to process PGE 11.1P10 jobs on the Mac. One hour job using MTSAT satellite data ran successfully, but the rest of the satellites' jobs failed with memory allocation error. Checking the code to find the reasons for the problem. (Raju)</li> <li>• Reviewed CERESLIB/bin modules and sent the list of modules used in ggeo process to Lisa Coleman. (Raju)</li> </ul>	
	CERESlib Zentz (Coleman)	<ul style="list-style-type: none"> <li>• No new updates.</li> </ul>	

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)	Op Man in Word? (Y/N)	URL in Sample Read README updated? (Y/N) <sup>3</sup>	Comments
Instrument - 1	CER1.0P1	Active	Y	Y	W, M*	<b>N</b>	<b>N</b>	N/A	With upcoming delivery
	CER1.1P1	Active	Y	Y	W, M*	<b>N</b>	<b>N</b>	<b>N</b>	With upcoming delivery
	CER1.1P2	Disabled	N/A	N/A	N/A	<b>N</b>	<b>N</b>	N/A	? -Activated w/ nxt delivery
	CER1.1P3	Active	Y	Y	W, M*	<b>N</b>	<b>N</b>	<b>N</b>	With upcoming delivery
	CER1.1P4	Disabled	N/A	N/A	N/A	<b>N</b>	<b>N</b>	N/A	? -Activated w/ nxt delivery
	CER1.1P5	Active	Y	Y	W, M*	<b>N</b>	<b>N</b>	<b>N</b>	With upcoming delivery
	CER1.1P6	Disabled	N/A	N/A	N/A	<b>N</b>	<b>N</b>	N/A	? -Activated w/ nxt delivery
	CER1.2P1	Active	Y	Y	W, M*	<b>N</b>	<b>N</b>	<b>N</b>	With upcoming delivery
	CER1.3P1	Active	Y	Y	W, M*	<b>N</b>	<b>N</b>	N/A	With upcoming delivery
	CER1.3P2	Active	Y	Y	W, M*	<b>N</b>	<b>N</b>	N/A	With upcoming delivery
	CER1.3P3	Active	Y	Y	W, M*	<b>N</b>	<b>N</b>	<b>N</b>	With upcoming delivery
ERBE-like - 2	CER2.1P1	Active	<b>N</b>	<b>N</b>	W	<b>N</b>	<b>N</b>	<b>N</b>	
	CER2.2P1	Active	<b>N</b>	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	
	CER2.3P1	Active	<b>N</b>	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	
	CER2.3P2	Active	<b>N</b>	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	
	CER2.4P1	Active	<b>N</b>	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	
ERBE-like - 3	CER3.1P1	Active	<b>N</b>	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	
	CER3.2P1	Active	<b>N</b>	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	
	CER3.2P2	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
Clouds	CER4.1-4.0P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	
4.1-4	CER4.1-4.1P1	Disabled	N/A	Y	W	N/A	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>	N/A	
	CER4.1-4.1P3	Active	<b>N</b>	Y	W	<b>N</b>	<b>N</b>	N/A	
	CER4.1-4.1P4	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	PCF to eos operations
	CER4.1-4.1P5	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	PCF to eos operations
	CER4.1-4.2P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	
	CER4.1-4.2P2	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	
	CER4.1-4.3P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	
Inversion/SOFA	CER4.5-6.1P1	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	Probably to be reactivated
4.5-6	CER4.5-6.1P2	Active	Y	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	

	CER4.5-6.1P3	Active	Y	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	
	CER4.5-6.2P1	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	Probably to be reactivated
	CER4.5-6.2P2	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	
	CER4.5-6.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	Probably to be reactivated
	CER4.5-6.3P2	Active	Y	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	
	CER4.5-6.3P3	Active	Y	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	
	CER4.5-6.4P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	
	CER4.5-6.6P2	Active	Y	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	
	CER4.5-6.6P3	Active	Y	Y	W	<b>N</b>	<b>N</b>	<b>N</b>	
SARB - 5	CER5.0P1	Active	<b>N</b>	Y	W, M	Review	Review	N/A	
	CER5.1P1	Active	<b>N</b>	Y	W	Review	Review	<b>N</b>	
	CER5.1P2	Active	<b>N</b>	Y	M	Review	Review	<b>N</b>	
	CER5.2P1	Deleted	N/A	N/A	N/A	N/A	N/A	N/A	
	CER5.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
	CER5.4P1	Active	<b>N</b>	Y	W	Review	Review	N/A	
	CER5.4P2	Active	<b>N</b>	Y	W	Review	Review	N/A	
TISA Grid - 6	CER6.1P1	Active	Y	Y	W	Review	Review	N/A	
	CER6.2P1	Active	Y	Y	W	Review	Review	N/A	
	CER6.3P1	Active	Y	Y	W	Review	Review	<b>N</b>	
TISA Avg - 7.1	CER7.1.1P1	Active	Y	Y	W	Review	<b>N</b>	N/A	
SARB - 7.2	CER7.2.1P1	Active	<b>N</b>	Y	W	<b>N</b>	<b>N</b>	N/A	
	CER7.2.2P1	Never Was	N/A	N/A	N/A	N/A	N/A	N/A	
TISA Avg - 8	CER8.1P1	Active	Y	Y	W	Review	<b>N</b>	<b>N</b>	
	CER8.2P1	Active	Y	Y	W	Review	<b>N</b>	N/A	
TISA Grid - 9	CER9.1P1	Active	Y	Y	W	Review	Review	N/A	
	CER9.2P1	Active	Y	Y	W	Review	Review	N/A	
	CER9.3P1	Active	Y	Y	W	Review	Review	N/A	
	CER9.4P1	Active	Y	Y	W	Review	Review	<b>N</b>	
TISA Avg - 10	CER10.0P1	Active-to-be	Y	Y	W, M*	<b>N</b>	<b>N</b>	<b>N</b>	
	CER10.0P2	Active-to-be	Y	Y	W, M*	<b>N</b>	<b>N</b>	<b>N</b>	
	CER10.0P3	Active-to-be	Y	Y	W, M*	<b>N</b>	<b>N</b>	N/A	New PGE for plots
	CER10.1P1	Disabled	Y	Y	W	N/A	N/A	N/A	Replace with CER10.0P2
	CER10.1P2	Disabled	Y	Y	W	N/A	N/A	N/A	Replace with CER10.0P1
	CER10.2P1	Deleted	Y	Y	W	N/A	N/A	N/A	
	CER10.3P1	Deleted	Y	Y	W	N/A	N/A	N/A	
	CER10.1P3	Disabled	Y	Y	W	N/A	N/A	N/A	
	CER10.1P4	Disabled	Y	Y	W	N/A	N/A	N/A	Replace with CER10.0P2

	CER10.1P5	Disabled	Y	Y	W	N/A	N/A	N/A	Replace with CER10.0P1
GGEO - 11	CER11.1P1	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
	CER11.1P2	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
	CER11.1P3	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
	CER11.1P4	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
	CER11.1P5	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
	CER11.1P6	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
	CER11.1P7	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
	CER11.1P8	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
	CER11.1P10	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	
	CER11.2P1	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
	CER11.2P2	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	
	CER11.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	N/A	
	CER11.4P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	
	CER11.5P1	Deleted	N/A	N/A	N/A	N/A	N/A	N/A	
	CER11.6P1	Active	Y	Y	W	<b>N</b>	<b>N</b>	N/A	
Regrid MOA -12	CER12.1P1	Active	<b>N</b>	Y	W, M	<b>N</b>	<b>N</b>	N/A	

Key:		
<sup>1</sup> Status	Active	Currently able to run in production
	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
<sup>2</sup> Prod. Platform	W	Currently executes on warlock
	M	Ccurrently executes on magneto
	M*	Currently in pre-delivery testing on magneto
<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 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.