

August 22, 2007 - System Issues and Status

Table 1: Process Strategy/Geier as of 08/22/07
Active Requests in order of priority (1 of 5)

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 96-07	FM1, FM2, V005	ValR13B	Clouds (SS4.1-4)	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	7/06	Done 8/6/07.
PR 95-07	FM1, FM2, V005	ValR13B	Clouds (SS4.1-4)	4.1-4.1P4	9/22/06	Done 8/6/07.
PR 94-07	FM1, FM2	ValR13B	Inversion (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	7/06	Done 8/6/07.
PR 93-07	FM1, FM2	ValR13B	Inversion (SS4.5-6)	4.5-6.1P2	9/22/06	Done 8/6/07.
PR 116-07	FM2, V005	Test-MERRA1	Clouds (SS4.1-4)	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	1/06	Checkout MERRA data for entire month of clouds/SSF.
PR 115-07	FM2	Test-MERRA1	Inversion (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/06	
PR 118-07	FM3, V005	Test-MERRA1	Clouds (SS4.1-4)	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	1/06	
PR 117-07	FM3	Test-MERRA1	Inversion (SS4.5-6)	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	1/06	
PR 111-07	FM1, FM2	ValR9	TISA avg (SS 10)	10.0P1 10.0P2 10.0P3	7/02, 1/03	Waiting on Delivery.
PR 113-07	FM3, FM4	ValR9	TISA avg (SS 10)	10.0P1 10.0P2 10.0P3	7/02, 1/03, 10/04	Waiting on Delivery.

Table 1: Process Strategy/Geier as of 08/22/07
Active Requests in order of priority (2 of 5)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 112-07	FM3, FM4	ValR10	TISA avg (SS 10)	10.0P1 10.0P2 10.0P3	7/02, 1/03	Waiting on Delivery.
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 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	Waiting ValR13B approval.
PR 91A-07	FM2	Edition2F	Inversion (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/06	Waiting on ValR13B approval.
PR 90A-07	FM2	Edition2F	TISA grid (SS 9)	9.2P1 9.3P1 9.4P1	1/06	Waiting on SSF input availability.
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	Waiting ValR13B approval.

Table 1: Process Strategy/Geier as of 08/22/07
Active Requests in order of priority (3 of 5)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 100-07	FM3, V005	Edition2C	Inversion (SS4.5-6)	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	1/06	Waiting on ValR13B approval.
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	Waiting on ValR13B-NoSW approval.
PR 98-07	FM3	Edition2C	TISA grid (SS 9)	9.2P1 9.3P1 9.4P1	1/06	Waiting on SSF input availability.
PR 97-07	FM4	Ed2C-NoSW	TISA grid (SS 9)	9.2P1 9.3P1 9.4P1	1/06	Waiting on SSF input availability.
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	TISAggrid (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	TISAggrid (SS6)	6.1P1 6.2P1 6.3P1	3/06 - 6/06	
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	TISAggrid (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	Waiting ValR13 approval.
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	Waiting on ValR13 approval.

Table 1: Process Strategy/Geier as of 08/22/07
Active Requests in order of priority (4 of 5)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 90-07	FM1, FM2	Edition2F	TISA grid (SS 9)	9.2P1 9.3P1 9.4P1	5/06 - 12/06	Waiting on SSF input availability.
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	Waiting ValR13 approval.
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	Waiting on ValR13 approval.
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	Waiting on ValR13- NoSW approval.
PR 98-07	FM3	Edition2C	TISA grid (SS 9)	9.2P1 9.3P1 9.4P1	5/06 - 12/06	Waiting on SSF input availability.
PR 97-07	FM4	Ed2C-NoSW	TISA grid (SS 9)	9.2P1 9.3P1 9.4P1	5/06 - 12/06	Waiting on SSF input availability.
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 (SS 9)	9.2P1 9.3P1 9.4P1	7/2/02 hr 15 to 1/1/06 hr 11	
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 (SS 9)	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	TISAgird (SS6)	6.1P1 6.2P1 6.3P1	7/02 - 12/05	

Table 1: Process Strategy/Geier as of 08/22/07
Active Requests in order of priority (5 of 5)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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 (SS 9)	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 (SS 10)	10.0P1 10.0P2 10.0P3	3/00 - 10/05	Waiting on ValR9 approval.
PR 110-07	FM3	Edition2B	TISA avg (SS 10)	10.0P1 10.0P2 10.0P3	7/02 - 10/05	Waiting on ValR10 approval.
PR 109-07	FM4	Edition2B	TISA avg (SS 10)	10.0P1 10.0P2 10.0P3	7/02 - 3/05	Waiting on ValR10 approval.
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: August 22, 2007 - System Issues and Status

Activity	Lead	Status
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none">• See Table 3 for the current CERES Subsystem Delivery Schedule and Table 4 for the current CERES Coefficients Delivery Schedule. (Ayers)• See Table 5 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 5. (Ayers)• Contributed to the SEC Recommendation for Updated Delivery Directory Structure. (Ayers)• Updated the CERES Subsystem and Coefficients Delivery Schedules and posted them on the Web. (Ayers, Saunders)

Table 3: CERES Subsystem Delivery Schedule - August 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		Summer		MATCH (collection 5) data files for May - December 2006.			<i>warlock & magneto</i>
Instrument (SCCR 641)		August		Delivery of simulated IES PGE to support TRMM VIRS-only processing.			<i>warlock & magneto</i>
CERESlib		August		New ADACOMP environment variable. 32-bit version of CERESlib for <i>magneto</i> .			<i>warlock & magneto</i>
Instrument (SCCR 610)		August		To allow processing of both Edition2 and Edition3 data through PGE CER1.3P3	X		<i>warlock & magneto</i>
TISA Averaging (SCCR 650)		September		Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing.		X	<i>warlock & magneto</i>
TISA Averaging		September		To support Terra Beta4 and Aqua Beta1 TSI processing.			<i>warlock</i>
Synoptic SARB		October (month after TSI delivery)		To support Terra Beta4 and Aqua Beta1 SYNI processing.			<i>warlock & magneto</i>
GGEO (SCCR 653)		October		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>

Table 3: CERES Subsystem Delivery Schedule - August 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)
TISA Averaging		Fall		To support Terra Beta4 and Aqua Beta1 AVG, ZAVG, and SYN processing.			<i>warlock</i>
SARB		Fall		MATCH (collection 5) data files for January - June 2007.			<i>warlock & magneto</i>
Clouds		November		Terra/Aqua Beta1 Edition3 SSF processing.			<i>warlock</i>
Inversion		Two weeks after Clouds		Terra/Aqua Beta1 Edition3 SSF processing.	X		<i>warlock & magneto</i>
TISA Gridding		Two weeks after Inversion		Support Terra/Aqua Beta Edition3 SFC processing.			<i>warlock & magneto</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 - August 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	Early Fall 2007		Terra Edition3 gains and spectral response function files for February 2000 - June 2005.	<i>warlock/magneto</i>
Instrument/ERBE-like	N/A	Early Fall 2007		Aqua Edition3 gains and spectral response function files for June 2002 - March 2005.	<i>warlock/magneto</i>
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	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 August 6 at 12:00 p.m. - August 20 at 2:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
No SCCR Activity								

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

Table 6: August 22, 2007 - Subsystem Issues and Status (1 of 4)

SS No.	SS Lead	Status	Problems
1.0	Cooper (Walikainen)	<ul style="list-style-type: none"> 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) 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) PGE CER1.0P1 is ready to deliver after issues with the location of Perl on <i>warlock</i> and the configuration on <i>magneto</i> are resolved. Comparison of new simulated IES vs. existing simulated IESs showed differences in all parameters with the differences in the range of 0.0001, which is not significant. (Cooper) Tested writing output data products to the /scratch area on the individual cluster nodes then moving the final output product to the SAN disk. This test ran 64 concurrent jobs on the cluster at one time and all output data from this effort was GOOD. Another test was run writing directly to the SAN from the cluster node and a minimum of 7 BAD files were produced for the same number of concurrent jobs. Tom Caldwell was also involved in this effort testing his SARB code and he had similar results, although the issues with SARB processing were slightly different when writing directly to the SAN. After this testing, a message was sent out by Scott recommending that everyone write their wrapper scripts for the cluster in such a way to utilize the /scratch disk on a node to write out their data products, then move the data files onto the SAN at the completion of the job. (Cooper, Zentz) 	Ingest of Terra and Aqua data has been delayed a significant amount of time, which makes it difficult to track instrument performance. Some of the issues are related to the late receipt of Terra data; however, other issues appear to be related to the ingest process and archiving the data.

Table 6: August 22, 2007 - Subsystem Issues and Status (2 of 4)

SS No.	SS Lead	Status	Problems
2.0	Walikainen (Cooper)	<ul style="list-style-type: none"> Continuing to examine QC checker email generated during production. (Walikainen) Continuing to inspect ERBE-like Aqua and Terra output plots. (Walikainen) Continuing to learn how to run Edition3 validation code. (Walikainen) 	
3.0	Walikainen (Cooper)	Combined with above.	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> CloudVis images for Terra MODIS Edition2-QC data from January 2006 through July 2006 were processed for the Pacific ITCZ, Bahrain, Tropical Western Pacific and Nauru regions. CloudVis images for Aqua Edition1A data from January through April 2006 were processed for the subset regions 34, 35, and 44 through 49. Results were posted on the Web. (R. Brown) QC global images and statistics were generated for ValR13B for 200607. Results were posted on the Web. QC code for Zonal and ZonalCloudAmount were modified to include weighted total columns results. All Aqua Edition1A and Terra Edition2-QC monthly results were updated to reflect the changes. (R. Brown) MERRA/GEOS Comparison study was done for 20060106, 20060113, 20060120, and 20060127. QC global images and statistics and Pixel level results (CSBTemp-ObsTemp for GEOSV005 and MERRAV005 and SkinTemp difference between MERRA and GOES) were processed and posted on the Web. Difference plots between MERRA and GEOS were produced. (R. Brown, Y. Chen, Miller) Worked on SPIE extended abstract. (Chen, Sun-Mack) Worked on NPP preparations. (Sun-Mack) 	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	

Table 6: August 22, 2007 - Subsystem Issues and Status (3 of 4)

SS No.	SS Lead	Status	Problems
4.4	Miller (Sun-Mack)	<ul style="list-style-type: none"> Completed processing four Fridays in 200601 using both GEOS4 and MERRA MOA and Collection 005 MODIS. (Miller) Investigated three bad GRings identified by ASDC. Updated algorithm and provided updated GRings. This problem is in ValR13B in about 10 percent of granules. (Miller) Validated eclipse flag on Aqua and Terra ValR13B data. (Miller) Development of NEWS cloud grouping and layering algorithm continued. (Miller) Resolved issues with running convolution on cluster when submitted from local iMac. Modified ceres-lib scripts to set environment only. (Miller) Completed processing data over Antarctica for the snow study (last ten days). MODIS and IES data were pulled for final five days. (Miller) 	
4.5	Sothcott	<ul style="list-style-type: none"> Completed LWB algorithm testing and support of the ts_cons = 0 issues. (Sothcott) Updated SWB algorithm based on changes from Shashi Gupta and completed two months of data for review. (Sothcott) Supporting FLASHflux efforts to incorporate the S'COOL subsetting software and testing. (Sothcott) Generating SSFs for twenty days of Special Snow Runs for Zhonghai Jin. (Sothcott) 	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> Attempting to run four days of CRS using MERRA-based MOA files. Working through problems adapting CRS to run on cluster. (Caldwell) Working on CRS metadata Vdata issue. (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> Waiting to run Cathy Nguyen's latest Beta4 TSI when it's ready. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> Waiting on GMAO to provide more MERRA data for processing. (Caldwell) 	

Table 6: August 22, 2007 - Subsystem Issues and Status (4 of 4)

SS No.	SS Lead	Status	Problems
7.1	Nguyen (Raju)	<ul style="list-style-type: none"> Updated code to install the LW correction ratios and the SW scaling factors to the TOA fluxes. (Nguyen) Added the new cosine solar zenith angle calculation code. (Nguyen) Updating the aerosol interpolation code to omit the night time aerosol. (Nguyen) Ran one zone of TSI for Fred Rose to validate. (Nguyen) 	
8.0	Nguyen (Raju)	<ul style="list-style-type: none"> No new updates. (Nguyen) 	
10.0	Nguyen (Raju)	<ul style="list-style-type: none"> Changed the averaged TOA and surface fluxes code. Tested and provided comparison code for Dave Doelling to analyze the results. (Nguyen) Successfully compiled f90 and C code on <i>magneto</i> and ran test case at first. The compilations of f90 and C code were not successful on the second attempt due to changes in the systems. (Nguyen) 	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> Provided requested hourbox calculation information in CER6.1 process to Dave Doelling. (Raju) 	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> No new updates. (Raju) 	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> Processed four satellites' January 2006 data using GEOS4 MOA inputs to provide GGEO product for TISA averaging MERRA vs. GEOS4 comparisons. (Kathy Bush, Raju) Checked July 2007 MTSAT real time data images to set bad scan lines to default values and notified Doug Spangenburg for further processing. Start checking August images. (Raju) PGE 11.1P10 jobs were failing with memory allocation error while processing in mac environment. Checking the code to find the reasons for the problem. (Raju) 	
CERESlib Zentz (Coleman)		<ul style="list-style-type: none"> No new updates. 	

Subsystem ID	PGE ID	Current PGE Production Status ¹	Scripts NOMAD compliant? (Y/N)	Scripts EXIT CODE compliant? (Y/N)	Prod. Platform (W, M, M*) ²	Comments
Instrument - 1	CER1.0P1	Active	Y	Y	W, M*	With upcoming delivery
	CER1.1P1	Active	Y	Y	W, M*	With upcoming delivery
	CER1.1P2	Disabled	N/A	N/A	N/A	? -Activated w/ nxt delivery
	CER1.1P3	Active	Y	Y	W, M*	With upcoming delivery
	CER1.1P4	Disabled	N/A	N/A	N/A	? -Activated w/ nxt delivery
	CER1.1P5	Active	Y	Y	W, M*	With upcoming delivery
	CER1.1P6	Disabled	N/A	N/A	N/A	? -Activated w/ nxt delivery
	CER1.2P1	Active	Y	Y	W, M*	With upcoming delivery
	CER1.3P1	Active	Y	Y	W, M*	With upcoming delivery
	CER1.3P2	Active	Y	Y	W, M*	With upcoming delivery
	CER1.3P3	Active	Y	Y	W, M*	With upcoming delivery
ERBE-like - 2	CER2.1P1	Active	N	N	W	
	CER2.2P1	Active	N	Y	W	
	CER2.3P1	Active	N	Y	W	
	CER2.3P2	Active	N	Y	W	
	CER2.4P1	Active	N	Y	W	
ERBE-like - 3	CER3.1P1	Active	N	Y	W	
	CER3.2P1	Active	N	Y	W	
	CER3.2P2	Disabled	N/A	N/A	W	
Clouds	CER4.1-4.0P1	Active	Y	Y	W	
4.1-4	CER4.1-4.1P1	Disabled	N/A	Y	W	PCF script email / eos + operations and Sunny
	CER4.1-4.1P2	Active	N	Y	W	
	CER4.1-4.1P3	Active	N	Y	W	
	CER4.1-4.1P4	Active	Y	Y	W	PCF to eos operations
	CER4.1-4.1P5	Active	Y	Y	W	PCF to eos operations
	CER4.1-4.2P1	Active	Y	Y	W	
	CER4.1-4.2P2	Active	Y	Y	W	
	CER4.1-4.3P1	Active	Y	Y	W	
Inversion/SOFA 4.5-6	CER4.5-6.1P1	Disabled	N/A	N/A	N/A	Probably to be reactivated
	CER4.5-6.1P2	Active	Y	Y	W	
	CER4.5-6.1P3	Active	Y	Y	W	
	CER4.5-6.2P1	Disabled	N/A	N/A	N/A	Probably to be reactivated
	CER4.5-6.2P2	Active	Y	Y	W	
	CER4.5-6.3P1	Disabled	N/A	N/A	N/A	Probably to be reactivated
	CER4.5-6.3P2	Active	Y	Y	W	
	CER4.5-6.3P3	Active	Y	Y	W	
	CER4.5-6.4P1	Active	Y	Y	W	
	CER4.5-6.6P2	Active	Y	Y	W	
SARB - 5	CER4.5-6.6P3	Active	Y	Y	W	
	CER5.0P1	Active	N	Y	W, M	
	CER5.1P1	Active	N	Y	W	
	CER5.1P2	Active	N	Y	M	
	CER5.2P1	Deleted	N/A	N/A	N/A	
	CER5.3P1	Disabled	N/A	N/A	N/A	
	CER5.4P1	Active	N	Y	W	
	CER5.4P2	Active	N	Y	W	

TISA Grid - 6	CER6.1P1	Active	Y	Y	W	
	CER6.2P1	Active	Y	Y	W	
	CER6.3P1	Active	Y	Y	W	
TISA Avg - 7.1	CER7.1.1P1	Active	Y	Y	W	
SARB - 7.2	CER7.2.1P1	Active	N	Y	W	
	CER7.2.2P1	Never Was	N/A	N/A	N/A	
TISA Avg - 8	CER8.1P1	Active	Y	Y	W	
	CER8.2P1	Active	Y	Y	W	
TISA Grid - 9	CER9.1P1	Active	Y	Y	W	
	CER9.2P1	Active	Y	Y	W	
	CER9.3P1	Active	Y	Y	W	
	CER9.4P1	Active	Y	Y	W	
TISA Avg - 10	CER10.0P1	Active-to-be	Y	Y	W, M*	
	CER10.0P2	Active-to-be	Y	Y	W, M*	
	CER10.0P3	Active-to-be	Y	Y	W, M*	New PGE for plots
	CER10.1P1	Disabled	Y	Y	W	Replace with CER10.0P2
	CER10.1P2	Disabled	Y	Y	W	Replace with CER10.0P1
	CER10.2P1	Deleted	Y	Y	W	
	CER10.3P1	Deleted	Y	Y	W	
	CER10.1P3	Disabled	Y	Y	W	
	CER10.1P4	Disabled	Y	Y	W	Replace with CER10.0P2
	CER10.1P5	Disabled	Y	Y	W	Replace with CER10.0P1
GGEO - 11	CER11.1P1	Disabled	N/A	N/A	N/A	
	CER11.1P2	Disabled	N/A	N/A	N/A	
	CER11.1P3	Disabled	N/A	N/A	N/A	
	CER11.1P4	Disabled	N/A	N/A	N/A	
	CER11.1P5	Disabled	N/A	N/A	N/A	
	CER11.1P6	Disabled	N/A	N/A	N/A	
	CER11.1P7	Disabled	N/A	N/A	N/A	
	CER11.1P8	Disabled	N/A	N/A	N/A	
	CER11.1P10	Active	Y	Y	W	
	CER11.2P1	Disabled	N/A	N/A	N/A	
	CER11.2P2	Active	Y	Y	W	
	CER11.3P1	Disabled	N/A	N/A	N/A	
	CER11.4P1	Active	Y	Y	W	
	CER11.5P1	Deleted	N/A	N/A	N/A	
	CER11.6P1	Active	Y	Y	W	
Regrid MOA -12	CER12.1P1	Active	N	Y	W, M	

Key:		
¹ 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
² Prod. Platform	W	Currently executes on warlock
	M	Ccurrently executes on magneto
	M*	Currently in pre-delivery testing on magneto

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