

October 17, 2012 - System Issues and Status

Table 1: Process Strategy/Coleman as of 10/17/12

Active Requests in order of priority as of 10/15/12

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
The PRs that follow are the Standing PRs						
M 1-09		NSIDC-NESDIS	EICE ESNOW 16 th mesh	4.1-4.0P2	Standing Request	
M 2-12 SCCR 867		NSIDC	SNOW (ERBE-like Edition1-CV)	2.1P1	Standing Request	
NPP 11-12, 2-11 to 4-11, 13-12 SCCRs 911, 878, 863, 756, 867	NPP	Baseline1-QC	BDS/ ES8	1.0P2, 1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	
NPP 12-12, 3-12 to 6-12 SCCRs 911, 878, 863, 756, 770	NPP	Edition1-CV	BDS/IES/ PreS8	1.0P2, 1.1P8, 1.2P1, 1.4P1,1.4P2	Standing Request	
NPP 14-12 to 17-12 SCCR 867	NPP	Edition1-CV	ERBELike	2.2P1 2.3P1, 2 3.1P1	Standing Request	
AM 8-11 to 10-11, AM 1-12 PM 8-11 to 10-11, 1-12 to 3-12, 16-12, 21-12 SCCRs 878, 863, 756, 867	Terra Aqua (FM3, FM4)	Baseline1-QC	BDS/ES8	1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	

**Table 1: Process Strategy/Coleman as of 10/17/12
Active Requests in order of priority as of 10/15/12**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
AM 12-11 to 15-11, AM 2-12 to AM 5-12 PM 12-11 to 15-11, 17-12 to 20-12, 22-12 to 25-12 SCCRs 878, 863, 756, 867	Terra Aqua (FM3, FM4)	Edition1-CV	BDS/ ERBELike (SS1-3)	1.1P8 1.2P1 1.4P1&2, 2.1P1 2.2P1 2.3P1/2 3.1P1	Standing request	
AM 1-11 to 7-11 6-11, 6-12 PM 1-11 to 7-11 6-11, PM 26-12, PM 1-12 to 7-12	Terra Aqua (FM3, FM4)	Edition1-CV	SSF Clouds and Inversion	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2 4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request	PRs AM 7-11 and PM 7-11 replaced with PRs AM 6-12 and PM 26-12 due to input CC # change
M 3-11 SCCR 920	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	
M 2-11 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	
M 1-12	CERES	GMAO-G541-Ed4	MOA	12.1P2	Standing request	
The PRs that follow are the Non-Standing PRs that can be processed						
139-11 to 142-11 SCCR 809	FM1, FM2	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	2/29/2000 – 6/1/2005	In Progress Priority Level 1
143-11 to 146-11 SCCR 809	FM3, FM4	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	6/30/2002 – 3/30/2005	In Progress Priority Level 1
104-12 to 106-12 SCCR 814	FM1, FM2	Beta1-Ed4	SSF	4.5-6.1P4 4.5-6.2P3 4.5-6.4P2	2/29/2000 – 6/1/2005	In Progress Priority Level 1

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Active Requests in order of priority as of 10/15/12**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
101-12 thru 103-12 SCCR 814	FM3, FM4	Beta1-Ed4	SSF	4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	6/30/2002 – 3/30/2005	In Progress Priority Level 1
46-12, 47-12 SCCR 746	FM3, FM4	Edition2A	ISCCP- D2like- Day/Nit	9.0P1	Launch thru 10/02	Ready. Priority Level 2
PRs 46-09 461-09 to 463-09 SCCRs 733,728	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P2	12/1/07 - 6/30/10	Ready. Process 1 st month and wait for SS checkout Priority Level 3
PRs 45-09 451-09 to 453-09 SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	12/1/07 - 6/30/10	Ready. Priority Level 3
27-12 thru 28-12 SCCRs 804, 795	Terra+ Aqua	Edition3A	SYNI SYN1deg	7.2.1P1 8.1P1	1/2006 CC=301301	Complete. 10/3/12
**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed ValRx Evaluation ****						
**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed pre-op testing and been promoted to the production environment ****						
156-12 thru 161-12 SCCR 912	FM3, FM4	ValR1-P6, ValR1-X86	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	11/2011	Hold –Pending Promotion Priority Level 2
150-12 Thru 155-12 SCCR 912	FM1, FM2	ValR1-P6, ValR1-X86	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	11/2011	Hold –Pending Promotion Priority Level 2

Table 2. October 17, 2012 - System Issues and Status

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> • Nothing to report. (Miller)
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> • See Table 3 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 3. (Ayers) • SCCR 933 - Released the PR_Database to the ASDC on October 1. (Ayers) • SCCR 932 - Installed, compiled, and tested Perl_Lib on <i>AMI-P-P6</i> and <i>AMI-P-x86</i>, and released it to the ASDC on October 5. (Ayers) • SCCR 931 - Formatted the initial version of the CATALYST Operator's Manual and Test Plan, posted them on the Web, and provided them to the ASDC. (Saunders) • SCCR 931 - Installed, compiled, and tested CATALYST on <i>AMI-P</i>, and released it to the ASDC on October 5. (Ayers) • SCCR 912 - Formatted the updated Inversion Operator's Manual and Test Plan, posted them on the Web, and provided them to the ASDC. (Saunders) • SCCR 912 - Installed, compiled, and tested Inversion on <i>AMI-P-P6</i> and <i>AMI-P-x86</i>, and released it to the ASDC on October 16. (Ayers) • Held a meeting to discuss the disposition of Inversion input/output files. (Ayers) • Provided general CERES DMT training as well as CM/delivery training to Forrest Wrenn and Dennis Keyes. (Ayers)
<i>AMI</i> Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> • Continued working on the job submission scripts for upcoming deliveries. (Grepitotis, Hillyer)

Table 3. SCCR Activity October 1 at 1:00 p.m. – October 16 at 3:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
934			X			TISA Averaging		
935	X	X			X	CERESlib		
936	X					ERBE-like	6	

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

CERES Software Configuration Change Request Submittal

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Subsystem: ERBEl like

SCCR Date & TIME: 2012-10-16 14:45:07

SCCR No.: 936

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

(Req 2-28) Update CER2.4P1 script to only work with p6.

(Req 2-29) Enable CER3.1P1 to run Edition3 with CATALYST.

Reason for Change (non-Science):

(Req 2-28) CER2.4P1 x86 executables give different results which are not consistent with Edition 3 SCCs (which are all p6). This hard-codes CER2.4P1 to run only on p6.

(Req 2-29) CER3.1P1 will not work with CATALYST's Edition3 input sampling strategy environment variable SS3in. This update fixes the problem.

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:

CER2.4P1 and CER3.1P1

Estimated Time to Complete Change: 1 day

Planned Delivery Date: 10/17/12

List Affected Subsystems and PGE Names: None

Originator: WALIKAINEN, DALE R. (SSAI)

Table 4. October 17, 2012 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> • Built and installed Perl 5.16.1 in CERES Toolkit 18 directories on SPG_ops. Using "#!/usr/bin/env perl" in conjunction with \$PATH setting makes it much easier to migrate scripts than hard-coding "#!/usr/local/bin/perl" in them. Perl 5.16.1 is synchronized with the rest of Toolkit 18 to <i>AMI-P</i>. (Hillyer) • Building GCC 4.5.3, Perl 5.16.1, Toolkit 18 and their dependencies on CERES.SSAIVA.COM. (Wilkins) 	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> • SCCR 928 - No updates. (Wilkins) • Building CERESlib on CERES.SSAIVA.COM. (Wilkins) • Added "byteswap.h" to CERESlib include directory. Supports big-endian to little-endian conversions for 16, 32, and 64-bit integer and float primitive data types. (Hillyer) 	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> • SCCR 932 - Reverted production version to use non-DRMAA SGE submission function. SCF version still uses DRMAA version. (Hillyer) 	•
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> • SCCR 931 - Updated to use Perl 5.16.1 installed in Toolkit 18 directory; threading memory leak is not encountered with Perl 5.16. Added code to drop a process ID file to identify the appropriate CATALYST server process. Delivered updated test plan and operator's manual to account for new shutdown procedure. (Hillyer) • Implemented and testing batch insert function to logging database interface to improve performance for large insert operations. (Wilkins) • Began work on additional enhancements to operators console. (Wilkins) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> • SCCR 877 - This effort continues, and should pick up as we finish with higher priority scripting deliveries related to moving software off of <i>magneto</i>. (Grepitotis, Timcoe) • Testing of the converted Solar/Lunar angle software is complete for the month of September for Terra and Aqua. This should replace the existing Ada version around the end of October. (Cooper, Snyder) 	

Table 4. October 17, 2012 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
1.0 (Cont'd)	Cooper (Grepitotis)	<ul style="list-style-type: none"> • The Edition 3 Gains delivery is targeting next week. Validation will begin on October 18 for FM1-4 Feb-July. (Cooper, Snyder) • The Available Data Web page software is still in development/testing to ensure everything works as expected. (Cooper, Grepitotis) 	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> • SCCR 867 - Upon request from Angel, looked for permanent solution (i.e., other than switching to aa09) to prevent repeated failures of 3.1P1's ppmtogif conversion in production (Problem Report #195: Oct 4th, FM3, Ed1-CV, 201209, bg106). With help from Nelson, determined cause not to be blade-related (ran successful jobs on all nodes that failed so far: bg106/109/113/114). Noted that all jobs that failed used same operator (stillie), so asked for her \$PATH on ab01: differences between mine and hers do not give clues so far, so asked for her env defs and/or PCF logs. (Lande) • Met with Lisa and went over her material on E2E testing of PRDB (Test Plan, Test Procedures, Slides). Discovered typo to be used for rejected PR by Dale. Discovered Apr-Jun 2005 SNOW products should have CC code of 025025 (not 025026) on slide 7 of Lisa's PowerPoint doc, E2E-Kickoff.pptx (Table E2E PRs: info for ancillary data products). Prepared for the next Edition3 gain/SRF delivery (Jan-Jun 2012) by identifying updates between this next set of PRs and the last one for Edition3 (which also contained typos). (Lande) • Posted remaining Edition2, all Edition3, and static FM5 SRFs to the Instrument Working Group Website. (Walikainen) • Finished analysis of Edition3 SRFs, Jan-Jun 2012: ES4 global average fluxes, Nadir Direct Compare and Nadir Three-Channel Intercomparison continue with expected trends. FM1, FM2, and FM3 get "OK" from ERBELike. (Walikainen) • Examined P4 versus P6 CER2.4P1 differences: code had "sum" as a variable; however, sum is a "reserved word". Renaming "sum" to "sum1" and recompiling did not change results. (Walikainen) 	

Table 4. October 17, 2012 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Generated Clear-Sky Albedo Maps for 0.6 μm using New Gang's snow model and Bob's old snow Model. Results were posted on the Website. (Chen) • Tested QC Reader for the files generated on <i>P6</i> and <i>x86</i>. (Chen) • STM: Processed CloudVis files with CERES Ed2 and Ed4 of Terra and Aqua 2007 4 seasonal months for optical depth comparison. Histogram and stats with snow free and snow cover along with the global maps were produced and results were posted on the Website. (Chen) • Wrote a code to study different lapse Rate methods by reading in C3M data. (Chen) • Continue checking the daily ingest completion of VIMD (03001) and VAOT (03001 and 03002) data on the /ASDC_archive. (Chen) • Released into production changes to the CERES Ordering Tool Statistics tool/report. (Heckert) • Continuing development of the CERES Dashboard application. (Heckert) • STM: Processed Terra-MODIS Edition 4 QC global images and statistics for 200105 through 200109. Differences were also processed between Terra Edition 4 and Edition 2. Results were posted on the Web. (R. Brown) • STM: Processed Aqua Edition 4 QC results for 200212 and 200305. Differences were produced between Aqua Edition 4 and Edition 2. Results were posted on the Web. (R. Brown) • Processed ClearSky data files for Terra Beta1-Ed4(200003 - 200109) and Aqua Beta1-Ed4(200207 - 200305). (R. Brown) • STM: Completed processing of Azores 2009-2010 Aqua and Terra granules. (Smith) • STM: Ran 4 months of 2007 for the Science Team meeting. (Smith) • Continued improvements on QC Post processing software. (Smith) 	

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SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Studied PCF generator response to IES existence/non-existence. Began making helpful changes. (Smith) • Examined possible changes to the Operators Manual to make sequential execution through Clouds PGEs run better. (Smith) • Worked on Lapse rate paper. (Sun-Mack) • Worked on implementing Ed4 into C3M. (Sun-Mack) • Debugged all hours that failed at the ASDC during Beta-Ed4 production. (Sun-Mack) • Worked with the ASDC on all issues during Beta-Ed4 production runs. (Sun-Mack) • Worked with Baike on Azores case studies. (Sun-Mack) • Worked with Fu-Lung on multi paper. (Sun-Mack) • Worked with Pat Earl on Snow/Ice NESDIS/CLASS issue. (Sun-Mack) • Worked with Claudia on GEWEX paper. (Sun-Mack) 	
4.2	Sun-Mack	<ul style="list-style-type: none"> • Combined with above. 	
4.3	Sun-Mack	<ul style="list-style-type: none"> • Combined with above. 	
4.4	Miller (Antropov)	<ul style="list-style-type: none"> • SCCR 918 - Wrote a Talking Paper on not being able to receive the SNODEP product through NESDIS. (Miller) • Generated list of missing input data for Terra and Aqua Beta1-Ed4 processing. Also, the DPO was checked to see if other hours were missing. (Miller) • Determined that the MODIS aerosol input over Brazil had a high number of defaults and cloud fraction values that greatly reduced the amount of aerosol reported. This was a result of a question from a Brazilian graduate student. (Miller) • Assisted scientist in detecting problems in ERBE CERES-like analysis code that was producing differences after the compiler upgrade. (Miller) • Implemented new SW correction into ERBE CERES-like processing. Provided scientist data for review. (Miller) 	

Table 4. October 17, 2012 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.4 (Cont'd)	Miller (Antropov)	<ul style="list-style-type: none"> Created animations and Web pages for anomalies using datasets obtained from NetCDF files. Computing anomalies generally mean to compare with the values posted earlier on CERES Website. (Antropov) Working on the program to read binary SSFB and SSFA files and to write HDF5 SSF file. (Antropov) 	
4.5	Sothcott	<ul style="list-style-type: none"> Worked on the File Disposition issues with CM and SIT and made corresponding updates to the Inversion Operator's Manual. (Sothcott) SCCR 913 - Continued work porting PGEs CER4.5-6.1P2 and CER4.5-6.1P3 to <i>AMI-P6</i> and <i>x86</i>. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> Combined with above. 	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> Working on a rough draft of Edition2 CRS Collection guide. It will be based on the SSF Collection guide. (Caldwell) Preparing scripts for future delivery of Edition4 SAH processor (CER5.0P3). (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> No new updates. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> No new updates. (Caldwell) 	
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> Ran 201001 to create LW xglb data with 3-hour GEO and 1-hour GGEO data for Michele to create instantaneous data to compare with GERB. (Nguyen) Updating to add sun glint in the SW xglb data and also to improve the CPU time. (Nguyen) Updated code to add the scene id, satellite boundary to the LW and SW xglb data. Provided plots for validation. (Nguyen) 	
8.0	Nguyen (Keyes)	<ul style="list-style-type: none"> No new updates. (Nguyen) 	
10.0	Nguyen (Keyes)	<ul style="list-style-type: none"> Re-ran January through June 2012 SYN data. (Nguyen) Ran 10 years of merged Terra/Aqua SYN1deg Lite data for Dennis Keyes to work on CLARREO project. (Nguyen) 	

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SS No.	SS Lead	Status	Problems
10.0 (Cont'd)	Nguyen (Keyes)	<ul style="list-style-type: none"> • Providing Dave Doelling with updated regional plots and statistics for CLARREO sampling studies using 10 years of data, increased from 5 years (for the CLARREO paper Dave is finishing). (Keyes) • Continuing to familiarize myself with the flx-by-cld code and scripts. (Keyes) • Took the Configuration Management training session taught by Tammy Ayers. (Keyes) 	
6.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • No new updates. (Raju) 	
9.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • SCCR 914 - Continue to work on PCF scripts for the delivery. (Forrest Wrenn, Raju) • SCCR 915 - PGE 9.0P1 delivery to migrate Edition2 ISCCP-D2like-Day/Nit process from <i>magneto</i> to <i>AMI-P</i>. No update. (Raju) • Continue to work on the documents and the evaluation procedures. (Forrest Wrenn, Raju) 	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • SCCR 916 - PGE 11.7P1 delivery to migrate Edition2 ISCCP-D2like-GEO process from <i>magneto</i> to <i>AMI-P</i>. No update. (Raju) • Processed two sample NetCdf 09/2012 MET9 input data through Edition4 PGEs 11.1P10 and 11.2P2 successfully. Started validating output GGEO data by checking created Web plots. Updating code to read new variables added to NetCdf file and getting ready to process 01/2010 MET9 data for Dave Doelling. (Raju, Forrest Wrenn) • Completed processing 01/2012 – 06/2012 geo data and provided GGEO files to process SYN1deg-lite. (Raju) 	

Table 5. October 17, 2012 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> • Working with DBA to build PRDB from delivery file. (Grune) • Began planning for PRDB Interface Build 2. (Coleman, Heckert, Grune, Key)
CERES Websites (Kizer)	<ul style="list-style-type: none"> • ERBEWeb is complete. The site owner will need to verify. (Kizer) • The CWG Website was scanned by the OCIO on Oct 11. Multiple security issues were identified and efforts to correct them were initiated. (Kizer) • Generated a CERES Data Quality Summary page with links to all available at the ASDC and CERES Website. (Kizer) • Code for countdown clocks on a Web page was tested. May be used on Instrument Operations page to show how long NPP, Aqua, and Terra have been operational. (Kizer)
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> • Finished development and unit testing for this coming release before the Science Team Meeting. The system has been on the pre-production test environment for the system test. (Chu) • Processed six additional months of SYN lite and posted them on the internal Web pages. (Mitrescu) • Start working on introducing 3 Hourly SYN data (that would read data from HDF files). (Mitrescu) • Helped in testing the pre-production system. (Mitrescu)

Table 6. October 17, 2012 – NPP Issues

Activity	Status
FM5	<ul style="list-style-type: none"><li data-bbox="472 296 1317 548">• The issue that is causing spikes in the NPP-FM5 data has been discovered. The team is now working on how to update CER1.1P8 to not convert radiances when the conditions that caused the spikes exist. This is not a trivial effort, because the issue is something that occurs on a regular basis, but just happens to occur in the right spot to cause the existing issue with NPP-FM5. (Grepitotis, Hess, Smith, Timcoe)<li data-bbox="472 558 1317 659">• The NPP-FM5 daily RDR file reporting utility has been automated to run once a day to report on the previous day's RDR file ingest into the ASDC archive. (Timcoe, Grepitotis)

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)		
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	Comments
Instrument - 1	CER1.0P1	N	N	N/A	N	N/A	N	N/A	n/a	n/a	Will comply with all the latest whenever delivered
	CER1.0P2	N	N	N/A	Y	16	Y	16	Y	N	C++ RDR Pre-Processor
	CER1.1P8	N	N	N/A	Y	16	Y	16	Y	N	C++ NPP, Terra, Aqua
	CER1.2P1	N	N	N/A	Y	16	Y	16	Y	N	C code, NPP capable.
	CER1.3P3	N	N	N/A	N	N/A	Y	16	Y	n/a	Replace with CER1.4P3 on P6
	CER1.4P1	N	N	N/A	Y	16	Y	16	Y	N	
	CER1.4P2	N	N	N/A	Y	16	Y	16	Y	N	
CER1.4P3	N	N	N/A	Devel	18	Devel	18	Devel	N		
ERBE-like - 2	CER2.1P1	N	Y	16	Y	16	Y	16	Y	N	
	CER2.2P1	N	Y	15	Y	Y	Y	16	Y	N	Compile HDF with TK 15, run with TK 16
	CER2.3P1	N	Y	16	Y	16	Y	16	Y	N	
	CER2.3P2	N	Y	16	Y	16	Y	16	Y	N	
ERBE-like - 3	CER2.4P1	N	Y	16	Y	16	N	N/A	Y	N	
	CER3.1P1	N	Y	16	Y	16	Y	16	Y	N	
Clouds 4.1-4	CER3.2P1	N	Y	16	Y	16	Y	16	Y	N	
	CER4.1-4.0P2	N	Y	15	Devel	18	N	N/A	Devel	N	
	CER4.1-4.1P4	N	Y	16	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.1P5	N	Y	16	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.1P6	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P2	N	Y	15	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.2P3	N	Y	15	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.2P4	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P5	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.3P2	N	Y	15	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
CER4.1-4.3P3	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future	

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)		Comments
		SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	
Inversion/SOF A 4.5-6	CER4.5-6.1P2	N	Y	16	Devel	18	Devel	18	Devel	N	Ed2 Terra Main
	CER4.5-6.1P3	N	Y	16	Devel	18	Devel	18	Devel	N	Ed2 Aqua Main
	CER4.5-6.1P4	N	N	N/A	Y	16	N	N/A	Y	Devel	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	N	N/A	Y	16	N	N/A	Y	Devel	Aqua Main Ed4 version of 1P3
	CER4.5-6.2P2	N	Y	16	Devel	18	Devel	18	Devel	N	Ed2/Ed3 subsetter
	CER4.5-6.2P3	N	N	N/A	Y	16	N	N/A	Y	Devel	Subset postproc for Terra and Aqua (Ed4 version of 2P2)
	CER4.5-6.2P4	N	Y	16	SSI&T	18	SSI&T	18	SSI&T	N	Ed3 daily post-processor
	CER4.5-6.4P1	N	Y	16	SSI&T	18	SSI&T	18	SSI&T	N	Edition2 to <i>magneto</i>
	CER4.5-6.4P2	N	N	N/A	Y	16	N	N/A	Y	Devel	Monthly validation site (Ed4 for 4P1)
CER4.5-6.5P4	N	Y	16	SSI&T	18	SSI&T	18	SSI&T	N	IES-SSF Terra New PGE, Ed2 format	
CER4.5-6.5P5	N	Y	16	SSI&T	18	SSI&T	18	SSI&T	N	IES-SSF Aqua New PGE, Ed2 format	
SARB - 5	CER5.0P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.0P2	N	Y	15	Y	18	Y	18	Y	N	Ed2/Ed3
	CER5.1P1	N	Y	16	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.1P2	N	ValRx	16	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.1P3	N	N	N/A	Devel	16	Devel	16	N	N	New PGE - Edition4 Main for Terra and Aqua
	CER5.4P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
CER5.4P2	N	Y	16	N	N/A	N	N/A	n/a	n/a	Ed2 only	
TISA Grid - 6	CER6.1P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER6.2P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER6.3P1	N	Y	15	N	N/A	N	N	n/a	n/a	Ed2 only
TISA Avg - 7.1	CER7.3.1P1	N	Y	16	Y	16	N	N/A	Y	N	New PGE for Edition3
SARB - 7.2	CER7.2.1P1	N	Y	16	N	N/A	Y	16	Y	N	P4 only Ed2 for now, X86 for Ed2 and Ed3

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)		
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	Comments
TISA Avg - 8	CER8.1P1	N	Y	15	Y	16	N	N/A	Y	N	Migrate to AMI for Ed3
TISA Grid - 9	CER9.0P1	N	Y	15	Devel	16	N	N/A	Devel	N	Ed2 only
	CER9.0P2	N	N	N/A	Y	16	N	N/A	Y	N	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N	N/A	Y	16	N	N/A	Y	N	ISCCP-D2like-MRG Main-processor
	CER9.1P1	N	Y	15	Devel	18	N	N/A	N	N	
	CER9.2P2	N	Y	16	Devel	18	N	N/A	Devel	N	PGE for Edition3
	CER9.2P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
	CER9.3P2	N	Y	16	Devel	18	N	N/A	Devel	N	PGE for Edition3
	CER9.3P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
	CER9.4P2	N	Y	16	Devel	18	N	N/A	Devel	N	PGE for Edition3
	CER9.4P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
TISA Avg - 10	CER10.0P3	N	Y	16	Y	16	N	N/A	Y	N	PGE for Edition3
	CER10.0P4	N	N	N/A	Devel	18	Devel	18	N	N	Edition3A, Non-GEO
GGEO - 11	CER11.1P10	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.2P2	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.4P1	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.6P1	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.7P1	N	Y	16	Devel	18	N	N/A	Devel	N	
Regrid MOA - 12	CER12.1P1	N	Y	16	Y	16	Y	16	Y	N	Edition 2/3
	CER12.1P2	N	N	N/A	Y	16	Y	16	Y	N	Edition 4

Table 1 Key:		
¹ Status	Y	Currently able to run in production
	Devel	PGE in development, still to be delivered for the first time to the platform.
	SSI&T	PGE delivered and in SSI&T (CM or SIT) testing prior to operational processing
	ValRx	PGE promoted to production on platform, but still undergoing ValRx testing and approving phase
² Prod. Platform	SGL	warlock
	P4	Magneto - IBM P4
	P6	AMI - IBM P6
	X86	AMI - IBM X86
⁷ "New" Wrapper Scripts for AMI Status	Y	Scripts in production
	n/a	Not needed for this PGE
	N	Development not yet begun
	SSI&T	Delivered and in SSI&T (CM or SIT) testing prior to operational processing
	Devel	Development in progress for inclusion in next delivery

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
1/3/2012	None	
1/23/2012	CER1.1P1,3,5,7, CER4.1-4.0P1	Moved to Table 3
	CER1.2P1, CER1.3P3	Changed SGI status from "Y" to "N"
	CER6.1P2, 2P2, 3P2	Removed from list
	CER10.0P3	Changed P6 status from "Devel" to "SSI&T"
	CER4.1-4.1P6, 2P4, 2P5, 3P3	Changed New Wrapper Script status from "SSI&T" to "Devel"
2/6/2012	CER10.0P1,2	Moved to disabled/deleted list (Table 3)
2/22/2012	No Updates	
3/5/2012	No Updates	
3/19/2012	4.1-4.1P6, 2P4, 2P5, 3P3	Changed P6 status and new wrapper status from "Devel" to "SSI&T"
	7.3.1P1, 7.2.1P1, 10.0P3	Changed P6 status and new wrapper status to "ValRx"
4/4/2012	4.5-6.1P3, 2P2, 4P1	Changed P4 TK version from "15" to "16"
	4.5-6.5P2,3, 4.5-6.6P2,3	Moved to Disabled/deleted table
4/16/2012	9.2P3, 9.3P3, 9.4P3	New PGEs added to list
	Table 2 - BDS Product	Status of URL in Sample Read Package README Update changed from "N" to "Y"
	7.3.1P1, 7.2.1P1, 10.0P3	Changed P6 status and new wrapper status from "ValRx" to "Y"
	9.2P1, 9.3P1, 9.4P1, 7.1.1P1	Moved to Table 3
5/7/2012	4.1-4.1P6, 2P4, 2P5, 3P3	Changed P6 status and new wrapper status from "SSI&T" to "Devel"
5/14/2012	Table 2 - ES8, ES4, and ES9 Products	Status of URL in Sample Read Package README Update changed from "N" to "Y"
	12.1P1	Changed P6 and X86 statuses from "Y" to "Devel"
	9.0P2,3	Changed P6 and New Wrapper statuses from "SSI&T" to "ValRx"
5/30/2012	4.1-4.1P6, 2P4, 2P5, 3P3 4.5-6.1P4,5, 2P3, 4P2	Changed P6 status and new wrapper status from "Devel" to "SSI&T"
	12.1P1	Changed P6 and X86 statuses and new wrapper status from "Devel" to "SSI&T"
	Table 1	Added column for tracking CATALYST PGEs
6/13/2012	1.1P8	Changed X86 Status from "Devel" to "SSI&T"
	12.1P1	Changed P6 and X86 statuses from "SSI&T" to "ValRx"
7/11/2012	9.0P2,3	Changed P6 status and new wrapper status from "ValRx" to "Y"
	2.1P1, 2.2P1, 2.3P1,2, 2.4P1, 3.1P1, 3.2P1	Changed X86 statuses from "Devel" to "SSI&T"

Revisions:		
7/25/2012	4.1-4.1P6, 2P4, 2P5, 3P3 4.5-6.1P4,5, 2P3, 4P2	Changed P6 status and new wrapper status from "SSI&T" to "ValRx"
	5.0P2	Changed P6 and X86 statuses and new wrapper status from "N" to "Devel", Changed CATALYST status from "n/a" to "N".
	4.1-4.0P2, 1P4,5, 2P2,3, 3P2, 4.5-6.1P2,3, 2P2,4, 4P1, 5P4,5 5.0P2, 9.0P1, 1P1, 2P2, 3P2, 4P2, 11.7P1	Changed P6 statuses and new wrapper status from "N" to "Devel" . Changed CATALYST status from "n/a" to "N".
	11.2P2, 4P1, 6P1	Changed X86 statuses "Devel" to "N".
	8/8/2012	4.5-6.1P2,3, 2P2,4, 4P1, 5P4,5 1.1P8, 1.4P2
8/22/2012	1.4P3, 4.1-4.0P2, 1P4,5, 2P2,3, 3P2, 4.5-6.1P2,3, 2P2,4, 4P1, 5P4,5 5.0P2, 9.0P1, 1P1, 2P2, 3P2, 4P2, 11.7P1	Changed P6 and X86 TK Versions from "16" to "18" (unless equal to "N/A")
	5.0P2	Changed P6 and X86 statuses and new wrapper status from "Devel" to "SSI&T"
	4.1-4.1P6, 2P4, 2P5, 3P3 4.5-6.1P4,5, 2P3, 4P2	Changed P6 status and new wrapper status from "ValRx" to "Y"
	12.1P1	Changed P6 and X86 and new wrapper statuses from "ValRx" to "Y"
9/5/2012	2.1P1, 2.2P1, 2.3P1,2, 2.4P1, 3.1P1, 3.2P1	Changed P6 and X86 statuses from "SSI&T" to "ValRx"
9/19/2012	4.1-4.0P2	Removed comment indicating that migration to AMI was not in the near future
10/3/2012	4.5-6.5P4,5, 2P4, 4P1	Changed P6 and X86 statuses and new wrapper status from "Devel" to "SSI&T"
	5.0P2	Changed P6 and X86 and new wrapper statuses from "ValRx" to "Y"
10/17/2012	6.1P1, 11.1P10, 2P2, 4P1, 6P1	Changed P6 status and new wrapper status from "Devel" to "N"
	10.0P4	New PGE added to list
	2.1P1, 2.2P1, 2.3P1,2, 3.1P1, 3.2P1	Changed P6 and X86 and new wrapper statuses from "ValRx" to "Y"
	2.4P1	Changed P6 status and new wrapper status from "ValRx" to "Y", changed X86 status from "ValRx" to "N".