

March 6, 2013 - System Issues and Status
Table 1: Process Strategy/Coleman as of 03/06/13
Active Requests in order of priority as of 03/04/13

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	***** 1/09/13 Soon to be replaced by PR M 3-12 after processing overlap months
M 3-12 SCCR 918		NSIDC- CLASS	EICE ESNOW	4.1-4.0P2	Standing Request	***** 1/23/13 M 3-12 to replace M 1-09 after processing overlap months
M 1-13 SCCR 943		NSIDC- AFWA- Mesh16th	ESNOW EICE	4.1-4.0P3	Standing Request	Ready Priority Level 1
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	

**Table 1: Process Strategy/Coleman as of 03/06/13
Active Requests in order of priority as of 03/04/13**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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	
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 6-11, 6-12 PM 1-11 to 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	***** 1/09/13 Soon to be replaced by new PRs to use the snow and ice produced by PRs M 3-12 and M 1-13
M 3-11 SCCR 920	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	
M 2-11 M 2-12 SCCR 753 SCCR 914	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	***** 1/23/13 PR M 2-12 replaced M 2-11
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						

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Active Requests in order of priority as of 03/04/13**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
31-13 245-12 to 247-12 246-12 SCCRs 914, 952	FM1	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/31/12 hr 23	In Progress Priority Level 2
32-13 242-12 to 244-12 243-12 SCCRs 914, 952	FM3	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/31/12 hr 23	In Progress Priority Level 2
2-13, 4-13, 5-13, 30-13 SCCRs 801, 804, 795	Terra+ Aqua	Edition3A	TSI SYNI SYN1deg	10.0P3 7.3.1P1 7.2.1P1 8.1P1	12/2011 – 5/2012	In Progress Priority Level 2
**** 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 ****						
To be written SCCR 693	Terra Aqua	Edition1-CV	SSFi Clouds	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2	Standing Request	Hold –Pending Input Priority Level 2
248-12 to 249-12 33-13, 34-13 SCCR 916		ValR1-P6 ValR1-X86	ISCCP- D2like- GEO	11.7P1	2/2010	Hold –Pending Promotion Priority Level 2
250-12 to 251-12 SCCR 915		ValR1-P6 ValR1-X86	ISCCP- D2like- Day/Nit	9.0P1	6/2010	Hold –Pending Promotion Priority Level 2
To be written SCCR 913	FM1, FM2, FM3, FM4	Edition1-CV	SSF	4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request beginning 2/28/13	Hold –Pending Input Priority Level 2

Table 2. March 6, 2013 - 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 953 - Installed this TISA Averaging delta delivery on <i>AMI-P</i> and released it to the ASDC on February 20. (Ayers) • SCCR 952 - Installed this TISA Gridding delta delivery on <i>AMI-P</i> and released it to the ASDC on February 20. (Ayers) • SCCR 938 - Formatted the updated Synoptic SARB Test Plan, posted it on the Web, and provided it to the ASDC. (Saunders) • SCCR 938 - Installed, compiled, and tested PGE CER7.2.1P1 on <i>AMI-P-x86</i>, and released it to the ASDC on February 22. (Ayers) • SCCR 947 - Formatted the updated Clouds Test Plan, posted it on the Web, and provided it to the ASDC. (Saunders) • SCCR 947 - Installed, compiled, and tested Clouds on <i>AMI-P-P6</i>, and released it to the ASDC on February 25. (Cooper) • SCCR 933 - Re-released the PR Database delivery on February 27. (Ayers) • SCCR 916 - Formatted the updated GGEO Operator's Manual, posted it on the Web, and provided it to the ASDC. Updated the File Management Policy as necessary. (Saunders) • SCCR 951 - Installed, compiled, and tested this Perl_Lib delivery on <i>AMI-P</i>. It will be released in conjunction with CATALYST (SCCR 937). (Ayers) • SCCR 937 - Testing the Build 1 CATALYST delivery. (Ayers) • Created the final tar files for one delivery and stored them in the CM code repository on <i>AMI</i>. (Saunders)
<i>AMI</i> Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> • Assisting subsystems with the job submission scripts for upcoming deliveries as necessary. (Grepitotis, Hillyer)

Table 3. SCCR Activity February 20 at 11:00 a.m. – March 6 at 9:00 a.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
916				X		GGEO		
933			X	X		PR_Database		
951			X			Perl_Lib		
952			X	X		TISA Gridding		
953			X	X		TISA Averaging		
954	X					Instrument	6	
955	X					Instrument	7	

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

CERES Software Configuration Change Request Submittal

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Subsystem: Instrument SCCR Date & TIME: 2013-02-20 14:38:05 SCCR No.: 954

Parameter Change: () YES (X) NO

Description of Change (Science):

Req. 1-60: Update CER1.1P8 to fix the issue seen for NPP-FM5 where scans are not getting properly drift corrected.

Reason for Change (Science):

Req. 1-60: The NPP-FM5 instrument is showing a higher rate of drift than the other CERES instruments. Since it is at a higher altitude, the team suspects this is the cause of the higher drift rate. During certain scans the SW channel is drifting to zero.

This causes a DAC Update, which appears to be handled incorrectly and thus allows data that should be ignored to be included in the drift corrected counts. This then causes an issue with updated gain calculations in certain circumstances and a spike in the data is seen, which causes the calculated gain to be incorrect.

Description of Change (non-Science):

N/A

Reason for Change (non-Science):

N/A

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

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

CER1.1P8

Estimated Time to Complete Change: 1 month

Planned Delivery Date: Late April 2013

List Affected Subsystems and PGE Names: Instrument CER1.1P8

Originator: COOPER, DENISE L. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Instrument SCCR Date & TIME: 2013-02-20 14:43:37 SCCR No.: 955

Parameter Change: () YES (X) NO

Description of Change (Science):

Req. 1-61: Update PGE CER1.4P3 to handle Edition4 by not doing the daily gain interpolation. Simply read and use one gain for the entire month of processing.

Reason for Change (Science):

Req. 1-61: Norman Loeb has asked that for Edition4 processing that no daily gain interpolation be done to provide a consistent gain for each day of the month.

Description of Change (non-Science):

Req. 1-61: Update the scripts to handle Edition4 as an option.

Reason for Change (non-Science):

Req. 1-61: Norman Loeb has asked that Instrument create an Edition4 data product. In order to do this the scripts must be updated to handle an input to allow Edition4 processing. This will also add a new parameter to the PCF file to show which edition is being processed, since Edition4 will be using a single gain for the entire month, and Edition2/3 will use daily interpolated gains.

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:

PGE CER1.4P3

Estimated Time to Complete Change: 6 weeks

Planned Delivery Date: mid-April 2013

List Affected Subsystems and PGE Names: CER1.4P3

Originator: COOPER, DENISE L. (SSAI)

Table 4. March 6, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing new to report. (Hillyer) 	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing new to report. (Hillyer) 	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> SCCR 951 - Working on updates to support CATALYST delivery. (Hillyer) 	
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> SCCR 937 - Working with CERES CM on testing. Implementing fixes to server and operator's console found during testing. Targeting 3/8 release to the ASDC. (Hillyer, Wilkins) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> SCCR 954 – Testing updates to CER1.1P8 to properly handle the spikes being seen in the NPP-FM5 data. Delivery to CERES CM on March 15th. Once this delivery is promoted to production, a complete reprocessing of Edition1-CV for NPP-FM5 will be required. (Timcoe) SCCR 955 – Updates to CER1.4P3 to support Edition4 processing have been completed and are being tested to ensure that they do not affect Edition2/3 processing. The software updates will be delivered on March 22nd, with a delta delivery of ancillary data files expected in the June/July timeframe. (Cooper, Grepitotis, Timcoe) 	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> SCCR 933 - Continued monitoring PPE/prod status updates for SS1.0/2.0/3.0 PRs, and went over certain items with Lisa and Carla. Following database_V1.0.6/7 releases by CM, went over updated Action Items 61 ('XTrk'), 65 (1.3P3 and old 1.0P2 PRs) and 69 (3.1P1 Ed3 PRs) with Lisa and Carla. Assisted Raja in understanding the output production strategy of the SCCR 916 ValRs (PRs 248/9-12, CER11.7P1, P6/x86 tests), leading to platform-specific summary files. (Lande) Investigated PGE Failure Form #2441 (CER2.2P1 signal 11, no coredump, exit 200 in Inversion): Ops attempted to run missing Baseline1-QC instance (20130130) of FM5 due to system downtime January 29-31 and skipped during catch-up runs in early February. Dale expressed no interest in rerun since Edition1-CV ES8 equivalent available on DPO. 	

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SS No.	SS Lead	Status	Problems
2.0 (Cont'd)	Walikainen (Lande)	<p>Possible problem with x86 node bg103 (last run on February 25). Replied to Michelle Cook's ES4/9 Terra/Aqua Edition3 product release announcement with minor corrections/additions. (Lande)</p> <ul style="list-style-type: none"> • Created FlashFlux-like FM1 and FM3 Edition3 ES8s for intercomparison studies Oct '12 to Jan '13. (Walikainen) • Updated three channel intercomparison plots for the IWG Website. (Walikainen) • Provided analysis for new Edition4 gain algorithm. (Walikainen)' 	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Updated public Website with the latest SSF results for Terra Beta1-Ed4 from 200501 through 200506 and Aqua Beta1-Ed4 for 200501 through 200503. (R. Brown) • Worked on differences between Edition 4 and Edition 2 for Terra from 200211 through 200505 and Aqua 200211 through 200503. Results were posted on the Web. (R. Brown) • SCCR 919 - Continuing work on converting PGEs CER4.1P4, CER4.1P5, CER4.2P2, CER4.2P3, and CER4.3P2 from <i>magneto</i> to <i>AMI</i>. Tracking why PGE CER4.1P4 <i>AMI/AMI-P</i> crashes on several hours. (Smith) • Beginning reprocessing of AZORES granules with new PGE CER4.1P6 delivery code. (Smith) • Generated stats and global images of cloud height differences between six Lapse Rate algorithms and CALIPSO for Lapse Rate Paper. (Chen) • Created clear sky overhead albedo directional models for 0.8 of snow free and snow cover with Bob's and Gang's Models by processing 2007 Terra CloudVis data. Global images and igbp averages for monthly and seasonally are posted on the CWG Website. (Chen) • Continuing with testing/release of Production Request Tool. Version 1.0.5 just went into production yesterday. (Heckert) 	

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SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> Working with Pam Mlynczak on CERES Ordering Tool statistics gathering and logs. (Heckert) Editing, reviewing, making final figures, etc., and submitted the lapse rate manuscript to JAMC. (Sun-Mack) Working on VIIRS and Aqua-MODIS calibrations. (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"> Checked migration of convolution Website to the Web cluster. (Miller) Completed building HDF5 version of the SSF. (Antropov) 	
4.5	Sothcott	<ul style="list-style-type: none"> Completed update of a second version of the SW model B algorithm and ran a month of data for testing. (Sothcott) Working on software to convert TRMM (Edition2 format) subsets to Edition4 formatted subsets for use within the ADM group. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> Combined with above. 	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> SCCR 949 - MATCH data files delivered to AMI for August 2012 to December 2012. (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> Working on Problem Report #209: Issue with Aqua FM3 SYNI test case. (Caldwell) Environment variable file contained other test case data. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> Ran November and December 2007 SYNILite data using GEOS4, G5.2, and G5.4 MOA data as part of analysis requested by SARB group. (Caldwell) 	
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> No new updates. (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"> SCCR 940 - Continued making changes to the code to support output in netCDF format. (Keyes) Finished cleaning GEO MCIDAS images for GOES13, January 2013. (Keyes) Wrote a program that analyzes the contents of the monthly McIDAS directories in the ASDC archive, 	

Table 4. March 6, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
10.0 (Cont'd)	Nguyen (Keyes)	<p>and identifies hours that GEO images are missing in order to catch large time gaps and have those times reprocessed before the TISA team cleans the images and that month is run through the GGEO code. (Keyes)</p> <ul style="list-style-type: none"> • Updated Lite code to add geodetic weights, correct the average of liquid and ice cloud properties, and also add the average to get one observation per hour. Reran up to October 2012 Terra and Aqua SSF1deg and SYN1deg Lite. (Nguyen) • SCCR 934 - Testing code on x86 and working on the delivery. (Nguyen) • Completed cleaning November through December 2012 MET-7 satellite images. (Nguyen) 	
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 952 - The delivered tar file contained old pcf scripts that caused problems during SSIT testing. Redelivered tar file with updated Cer9_2P2_FileUtils.pm. (Wrenn) • SCCR 915 - Updated Operator's Manual in response to problem report #90. (Raju) • Work started to process nine months of 1986 NOAA-9 data at the SCF to create SFCB files for SSF1deg-lite process. (Raju) • TISA science evaluations showed that the optical depth minimum value is always greater than 1.0 on ISCCP-D2like-Mrg products. To find the reason why there are no values between 0.0 – 1.0, several test runs were made. It was found that an if check at the end of their calculation causing to set less than 1.0 values to defaults. Sent them the findings and received approval for code changes. Ran four seasonal months for their evaluation at the SCF. Received a request to run all ten years of data through PGE CER9.0P3 to create ISCCP-D2like-Mrg HDF files for subsetter. (Raju) 	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • Created a directory for Forrest Wrenn to process GEO data through PGEs CER11.1P10 and CER11.2P2. Created a detailed document to show the procedures to run the jobs. (Raju) 	

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SS No.	SS Lead	Status	Problems
11.0 (Cont'd)	Raju (F. Wrenn)	<ul style="list-style-type: none"> • New directory set up was completed to process MET7 satellite data through Edition3 code and to create output in Edition4 format. According to TISA science requests, code was modified to process water vapor channel data and to compute LWP and IWP cloud parameters. New 01/2010 MET7 MCIDAS images with water vapor channel were received from Doug Spangenberg. Work continues to run one month of data for TISA science validations. (Raju) • Processed October 2012 GEO data to get familiar with the procedure before running November 2012 – December 2012 data through PGEs CER11.1P10 and CER11.2P2. (Wrenn) • Checked MTS images for 07/2012 – December 2012 for bad scans. (Wrenn) 	

Table 5. March 6, 2013 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> • PRDB is live. (Many folks) • Distributed final version of PR spreadsheet. (Coleman)
CERES Websites (Kizer)	<ul style="list-style-type: none"> • The ERBEWEB pages were scanned reporting no high vulnerabilities, and several mediums. Most of the issues were fixed, minus some we are contacting the OCIO for guidance. (Kizer) • Several issues with the CONVOL site were found and reported to site owner for possible fixes. (Kizer) • TISA working group data was promoted to the TISA Website for viewing. (Kizer) • Modifications were made to CERES documentation and product information Web pages to include FLASHFlux and CCCM. (Kizer)
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> • Supporting the ASDC Postgresql upgrade. (Chu) • Working on GGEO composed. (Chu) • Continue work on creating command and specification files for hdf->netCDF subsetter. (Mitrescu) • Create Master netCDF files for SYN1deg Lite and SSF1deg Lite data – internal site. (Mitrescu) • Add Country and Affiliation fields when a new user registers with CERES OT. (Mitrescu) • Add "Base Filed" to the Operator function to the internal OT. (Mitrescu) • Promote an internal (partial) release v.3.2.i. (Mitrescu)

Table 6. March 6, 2013 – NPP Issues

Activity	Status
FM5	<ul style="list-style-type: none"><li data-bbox="472 296 1333 403">• Testing updates for PGE CER1.1P8 to fix the spikes being seen in the NPP-FM5 data. Expected delivery to CERES CM on March 15th. (Timcoe)

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	
ERBE-like - 2	CER1.4P3	N	N	N/A	Y	18	Y	18	Y	N	
	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	
ERBE-like - 3	CER2.3P2	N	Y	16	Y	16	Y	16	Y	N	
	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	Y	18	N	N/A	Y	N	
	CER4.1-4.0P3	N	N	N/A	Y	18	N	N/A	Y	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	

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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
Inversion/SOF A 4.5-6	CER4.5-6.1P2	N	Y	16	Y	18	Y	18	Y	N	Ed2 Terra Main
	CER4.5-6.1P3	N	Y	16	Y	18	Y	18	Y	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	Y	18	Y	18	Y	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	Y	18	Y	18	Y	N	Ed3 daily post-processor
	CER4.5-6.4P1	N	Y	16	Y	18	Y	18	Y	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	Y	18	Y	18	Y	N	IES-SSF Terra New PGE, Ed2 format	
CER4.5-6.5P5	N	Y	16	Y	18	Y	18	Y	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	SSI&T	18	SSI&T	18	SSI&T	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
	CER9.0P4	N	N	N/A	Devel	18	N	N/A	Devel	N	
	CER9.0P5	N	N	N/A	Devel	18	N	N/A	Devel	N	
	CER9.1P1	N	Y	15	Y	18	N	N/A	Y	N	
	CER9.2P2	N	Y	16	Y	18	N	N/A	Y	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	Y	18	N	N/A	Y	N	PGE for Edition3
	CER9.3P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
TISA Avg - 10	CER9.4P2	N	Y	16	Y	18	N	N/A	Y	N	PGE for Edition3
	CER9.4P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
GGEO - 11	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
Regrid MOA - 12	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	SSI&T	18	SSI&T	18	SSI&T	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
1/9/2013	11.7P1, 9.0P1	Changed P6 and New Wrapper Status from "Devel" to "SSI&T", Changed X86 status from "N" to "SSI&T"
	4.1-4.0P2	Changed P6 and New Wrapper Status from "SSI&T" to "ValRx"
	4.1-4.0P3	New PGE added to list
	1.4P3	Changed P6, X86, and New Wrapper Status from "Devel" to "SSI&T"
1/23/2013	4.1-4.0P2	Changed P6 and New Wrapper Status from "ValRx" to "Y"
	9.2P2,3,4	Changed P6 and New Wrapper Status from "ValRx" to "Y"
2/6/2013	1.4P3, 4.5-6.1P2,3, 4.5-6.2P2	Changed P6, X86 and New Wrapper Status from "SSI&T" to "ValRx"
	4.1-4.0P3	Changed P6 and New Wrapper Status from "SSI&T" to "ValRx"
2/20/2013	4.1-4.0P3	Changed P6 and New Wrapper Status from "ValRx" to "Y"
	1.4P3, 4.5-6.1P2,3, 4.5-6.2P2	Changed P6, X86, and New Wrapper Status from "ValRx" to "Y"
3/6/2013	None	No changes