

**October 3, 2012 - System Issues and Status**  
**Table 1: Process Strategy/Coleman as of 10/03/12**  
**Active Requests in order of priority as of 10/01/12**

<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>
The PRs that follow are the Standing PRs						
M 1-09		NSIDC- NESDIS	EICE ESNOW 16 <sup>th</sup> 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	

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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  PM 1-11 to 7-11 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	
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	
<b>The PRs that follow are the Non-Standing PRs that can be processed</b>						
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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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
27-12 thru 28-12  SCCRs 804, 795	Terra+ Aqua	Edition3A	SYNI SYN1deg	7.2.1P1 8.1P1	1/2006 CC=301301	Ready  Priority Level 2
46-12, 47-12  SCCR 746	FM3, FM4	Edition2A	ISCCP- D2like- Day/Nit	9.0P1	Launch thru 10/02	Ready.  Priority Level 2
PRs <del>46-09</del> 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 <sup>st</sup> month and wait for SS checkout Priority Level 3
PRs <del>45-09</del> 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
140-12, 141-12  SCCR 917	FM1, FM3	ValR1-P6	SAH	5.0P2	12/2011	Complete. 9/21/12
142-12, 143-12  SCCR 917	FM1, FM3	ValR1-X86	SAH	5.0P2	12/2011	Complete. 9/21/12
29-12 thru 30-12  SCCRs 801	Terra+ Aqua	Edition3A	TSI	10.0P3 7.3.1P1	1/2006 CC=301301	Complete. 9/27/12
<b>**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed ValRx Evaluation ****</b>						
<b>**** 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 ****</b>						
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

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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 3, 2012 - System Issues and Status**

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> <li>• Nothing to report. (Miller)</li> </ul>
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> <li>• See <a href="#">Table 3</a> for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow <a href="#">Table 3</a>. (Ayers)</li> <li>• SCCR 932 - Installed, compiled, and tested Perl_Lib on <i>AMI-P</i>. The release of this delivery is on hold until the ASDC determines which version of Perl will be the default on <i>AMI-P</i>. (Ayers)</li> <li>• SCCR 912 - Installed, compiled, and began testing this Inversion delivery on <i>AMI-P</i>. Testing cannot be completed until the ASDC determines which version of Perl will be the default on <i>AMI-P</i>. (Ayers)</li> <li>• SCCR 931 - Installed and tested this CATALYST delivery on <i>AMI-P</i>. The release of this delivery is on hold until the ASDC determines which version of Perl will be the default on <i>AMI-P</i>. (Ayers)</li> <li>• SCCR 933 - Received this PR_Database delivery. The release of this delivery is on hold until the ASDC determines which version of Perl will be the default on <i>AMI-P</i>. (Ayers)</li> </ul>
<i>AMI</i> Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> <li>• Continuing development of SCCR Dashboard tool. (Heckert)</li> <li>• Continued working on the job submission scripts for upcoming deliveries. (Grepitotis, Hillyer)</li> </ul>

**Table 3. SCCR Activity September 19 at 12:00 p.m. – October 1 at 1:00 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>
917				X		SARB		
929				X		Instantaneous SARB		
931			X			CATALYST		
932			X			Perl_Lib		
933			X			PR_Database		
934	X					TISA Averaging	7	

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

## CERES Software Configuration Change Request Submittal

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Subsystem: TISAavg10.0      SCCR Date & TIME: 2012-09-19 14:14:06      SCCR No.: 934

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Requirement # 10-42

Write code to interpolate and average fluxes and cloud data in GMT time using Edition3 SFC data for inputs and without GGEO data. Product names are SSF 1Deg Month and Day per month.

Reason for Change (Science):

Requirement # 10-42

Requested by the Science Team

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:

CER10.OP4

Estimated Time to Complete Change: 6 weeks

Planned Delivery Date: October 26, 2012

List Affected Subsystems and PGE Names: None

Originator: NGUYEN, CATHY (SSAI)

**Table 4. October 3, 2012 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>Released MacOS X (10.5 and up) version of Toolkit 18, CERESlib, and GCC to science programmers at 1EP for testing. Adding NetCDF-4 support to MacOS X build. (Hillyer)</li> </ul>	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>SCCR 928 - No updates. (Wilkins)</li> </ul>	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>SCCR 932 - Delivered to CERES CM. Needed to proceed testing for CATALYST SCCR 931 and Inversion SCCR 912. Awaiting installation of Perl 5.10 on <i>AMI-P</i> to match <i>AMI's</i> configuration which is required to support DRMAA library compilation and execution. (Hillyer)</li> </ul>	•
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>SCCR 931 - Delivered version of CATALYST server to CERES CM support PR Database delivery. Delivered new test plan. Completing new operator's manual. (Hillyer, Wilkins)</li> <li>Released updated test version of CATALYST server and Operator's Console for SIT and Ops review. (Hillyer, Wilkins)</li> <li>Identified memory leak with detached threads in Perl 5.8. Perl 5.10 resolves this leak. (Hillyer)</li> <li>Implemented batch insert function to logging database interface to improve performance for large insert operations. (Wilkins)</li> <li>Began work on additional enhancements to operators console. (Wilkins)</li> </ul>	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>SCCR 877 - This effort continues, but has been rescheduled for January 2013 due to higher priority deliveries related to moving software off of <i>magneto</i>. (Grepitotis, Timcoe)</li> <li>Testing of the converted Solar/Lunar angle software to ensure that all functionality is performing correctly will continue. This is expected to replace the existing Ada version beginning in October. (Cooper, Snyder)</li> </ul>	

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SS No.	SS Lead	Status	Problems
1.0 (Cont'd)	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>Continued work to get the Available Data Web page software working in C++. The program now compiles and runs but further development/testing is required to ensure everything works as expected. (Cooper, Grepitotis)</li> </ul>	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>SCCR 867 - Continued 'use of <i>P6</i> versus <i>x86</i> SCCs' analysis: produced statistics on LW day/night and SW day matching scene ID subsets of the 20110201 ES8 data, and histogram of the worst case. The best case was LW night, with all differences well within 0.02 W/m<sup>2</sup>. Next was SW day, which although were as high as 0.14 W/m<sup>2</sup>, the vast majority (near 20 sigmas from a tiny mean) were less than 0.02 W/m<sup>2</sup>. The worst case was LW day, with differences up to 0.585 W/m<sup>2</sup>. Still, most differences (i.e., within 2 sigmas of a mean of 0.0012) were &lt; 0.03 W/m<sup>2</sup>, and 94% &lt; 0.02. Sample size for LW day (2,122,896) was close but not exactly the same as SW day (2,125,270). Created updated environment module for 3.1P1 to be compatible with Catalyst for next year's Edition3 run. (Lande)</li> <li>SCCR 867 - Verified input file locations for 2.2, 2.3, 3.1, 3.2 PGEs: 2.2 and 2.3 are hard-coded to read SNOW and SCCs from local data directory, but 3.1/3.2 can be made to read their data from the DPO by setting PROD to 'No'. Also, provided explanation to Walt on overlap processing question, and verified compiler versions of recompiled execs for 2.2/2.3/3.1/3.2 tested earlier with TK18. Helped resolve failure of 3.1P1 in production (exit=250 for FM1/2/4 Ed1-CV 201208) via successful testing of 'convert' and '/usr/bin/ppmtogif' on aa09 node. (Lande)</li> <li>Provided Science Team with <i>P6</i> versus <i>x86</i> unfiltering coefficient comparisons: plots showing largest differences (i.e., 30%) occurring in bright scenes (i.e., clear-sky snow, cloudy tropics) or dawn/dusk conditions (i.e., SZA &gt; 85deg). Also showed that both <i>P6</i> and <i>x86</i> SCCs are unchanged with the new TK18 compilers. (Walikainen)</li> </ul>	

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SS No.	SS Lead	Status	Problems
2.0 (Cont'd)	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• Analyzing proposed gains and SRFs for the next Edition3 set (Jan-Apr 2012). Also, provided ES8s for FM5 inter-comparisons (FM3 Edition3 June and July 2012). (Walikainen)</li> </ul>	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Tested the new features of CLOUDS TOOL. (Chen)</li> <li>• Submitted abstract of "Clear-Sky Narrowband Albedo Datasets Derived From MODIS DATA" for the 35th International Symposium on Remote Sensing of Environment. (Chen)</li> <li>• Started working on Clear-Sky Albedo Maps for 0.6 <math>\mu</math>m using New Snow Model. (Chen)</li> <li>• Tested QC Reader for the files generated on <i>P6</i> and <i>x86</i>. (Chen)</li> <li>• STM: Wrote codes to process Ed2 and Ed4 CloudVis data for optical depth comparison with snow free and snow cover. April of 2007 data were processed and histogram plot was generated. (Chen)</li> <li>• Continue checking the daily ingest completion of VIMD (03001) and VAOT (03001 and 03002) data on the /ASDC_archive. (Chen)</li> <li>• Checked the VIMD from GSFC and LARC after the SDS names' change. (Chen)</li> <li>• Ftp'ed one day of VIAE, VMAE, and VDNE data (2012225) on SSAI04 and processed VIMD with the new subsetter code for SDS names' change. Started checking the VIMD output with VIAE, VMAE, and VDNE. (Chen)</li> <li>• Also ftp'ed same day of VIMD data produced by GSFC. Checked the data against the data produced at LaRC. (Chen)</li> <li>• Beta-Ed4: Worked with the ASDC operators to troubleshoot some Clouds issues. (Smith)</li> <li>• Continued updating CER4.1-4.0P2 for <i>AMI</i> and trying to get CER4.1-4.0P2 to run on <i>x86</i>. (Smith)</li> <li>• Continued improvements on QC Post-Processing software. Gave this code to Ricky to begin using on Edition4 QC. (Smith)</li> </ul>	

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4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Running Terra and Aqua seasonal months for STM. (Smith)</li> <li>• Run Azores cases for validation purpose. (Smith)</li> <li>• STM: Processed 200704 Aqua Edition 4 QC results and differences with Edition 2 for Fulong for CERES Science Team Meeting. (R. Brown)</li> <li>• Processed Edition 4 QC global images and statistics for 200004 through 200104 for Terra-MODIS. Differences were also processed between Terra Edition 4 and Edition 2. Results were posted on the Web. (R. Brown)</li> <li>• Processed Aqua Edition 4 QC results for 200207 and 200211. Differences were produced between Aqua Edition 4 and Edition 2. Added in difference code to Aqua Edition 1A QC Plot code. Results were posted on the Web. (R. Brown)</li> <li>• Fixed stats scripts to point to new directory structure on <i>wbs128</i>. Fixed permission issue with Aqua Edition 1B QC results. (R. Brown)</li> <li>• Delivered Build 1.0.0 of CERES PR Tool Web Interface to CM for deployment to PPE testing. Continuing preparations to move PR DB Tool to Pre-production. (Heckert)</li> <li>• Continuing development of SCCR Dashboard tool. (Heckert)</li> <li>• Working with Pam Mlynczak on a “report” display of CERES Ordering Tool statistics. (Heckert)</li> <li>• Beta-Ed4: Working with the ASDC personnel, Rita and Nelson on all issues encountered by the ASDC encountered during Clouds Beta-Ed4 production. (Sun-Mack)</li> <li>• Prepared the talk given at EUMETSAT 2012, attended meeting, and presented the talk. (Sun-Mack.)</li> <li>• Working on implementing Clouds Ed4 into C3M. (Sun-Mack)</li> <li>• Working with Xiquan Dong on Azores validation cases. Calculated CERES mean and standard deviations for clouds micro and macro physical properties centered at the Azores for over two years</li> </ul>	

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4.1 (Cont'd)	Sun-Mack (Brown)	<p>of MODIS overpasses for both Terra and Aqua. (Sun-Mack)</p> <ul style="list-style-type: none"> <li>• Working on Lapse Rate Paper. (Sun-Mack)</li> <li>• Discussions on how we responded on SDS name changes regarding CERES subsetter and CERES clouds subsystem VIIRS reader. (Sun-Mack)</li> <li>• Communicated with Land PEATE on the issues encountered during the new VIIRS SDS name changes, and testings. (Sun-Mack.)</li> </ul>	
4.2	Sun-Mack	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.3	Sun-Mack	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.4	Miller (Antropov)	<ul style="list-style-type: none"> <li>• SCCR 918 - Investigated problem with failure to read NESDIS file on x86. Successful with module in source directory, but not CERESlib. (Miller)</li> <li>• 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)</li> <li>• Researched a question from a Brazilian graduate student on the number of default MODIS aerosol over Brazil in 2004. (Miller)</li> <li>• Assisted scientist in detecting problems in ERBE CERES-like analysis code that was producing differences after the compiler upgrade. (Miller)</li> <li>• Created animations and Web pages for cloud radiative effects. Creating animations and Web pages for anomalies using datasets obtained from NetCDF files. (Antropov)</li> <li>• Working on the program to read binary SSFB and SSFA files and to write HDF5 SSF file. (Antropov)</li> </ul>	
4.5	Sothcott	<ul style="list-style-type: none"> <li>• Attended both SOFA and ADM working group meetings. (Sothcott)</li> <li>• SCCR 912 - Delivered! (Sothcott)</li> <li>• SCCR 912 - Updated the Operator's Manual to fix items that were missed in its original delivery. Also included updates to the file disposition sections to correct some errors and to clarify what to do with files. (Sothcott)</li> <li>• SCCR 913 - Started work on porting code for these PGEs. (Sothcott)</li> </ul>	

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4.6	Sothcott	<ul style="list-style-type: none"> <li>Combined with above.</li> </ul>	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>Trying to debug run issues with Edition4 surface albedo code on <i>x86</i>. (Caldwell)</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>Nothing new to report. (Caldwell)</li> </ul>	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>Nothing new to report. (Caldwell)</li> </ul>	
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> <li>Provide support to Michele Nordeen and Dave Doelling in comparing the LW flux with normalization and GERB data. Searched for the cause of the differences in the previous and the current SW fluxes. (Nguyen, Keyes)</li> <li>Updating LW and SW coefficient code to add the satellite boundaries and scene ID. (Nguyen)</li> </ul>	
8.0	Nguyen (Keyes)	<ul style="list-style-type: none"> <li>Looking into Betty Lock's SCF2 and home directory and her machine to copy files to save for future usage. (Nguyen)</li> </ul>	
10.0	Nguyen (Keyes)	<ul style="list-style-type: none"> <li>Ran April 2000 Edition4 daily SSF with additional data for Moguo Sun for the study of the LW narrowband to broadband conversion. (Nguyen)</li> <li>Practicing and familiarizing with phases 1 and 2 of the flux-by-cloud code. (Keyes)</li> <li>SCCR 934 - Provided the draft Data Product Catalog to give Dave Doelling the parameters which are included in the monthly and daily data. (Nguyen, Keyes)</li> <li>Ran January through June 2012 SSF 1Deg Lite data. (Nguyen)</li> <li>Working on merged Terra and Aqua SYN 1Deg Lite code for Dave Doelling's upcoming paper. (Nguyen)</li> </ul>	
6.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> <li>No new updates. (Raju)</li> </ul>	
9.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> <li>SCCR 914 - Continue to work on PCF scripts for the delivery. (Forrest Wrenn, Raju)</li> <li>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)</li> </ul>	

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9.0 (Cont'd)	Raju (F. Wrenn)	<ul style="list-style-type: none"> <li>• Updated test plan document. Modified CER9.2P2 – 9.4P2 evaluation procedures for output comparisons. (Forrest, Raju)</li> <li>• Modified CER9.1P1 PCF scripts with the help from Thomas Grepiotis and the scripts were tested successfully. (Raju)</li> </ul>	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> <li>• 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)</li> <li>• Started working on the code to handle 5 channel radiances for Edition4 ggeo process. (Forrest)</li> <li>• Started working on the code to handle cloud parameter data for Edition4 ggeo process. (Raju)</li> <li>• Processing 01/2012 – 06/2012 ggeo data including cleaned image inputs. (Raju)</li> </ul>	

**Table 5. October 3, 2012 – DM Tasks**

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> <li>• Delivered PRDB Interface Web software. (Heckert)</li> <li>• Delivered PRDB Interface Database. (Grune)</li> <li>• Prepared and presented PRDB Interface Tool end-to-end testing background information to SIT. (Coleman)</li> </ul>
CERES Websites (Kizer)	<ul style="list-style-type: none"> <li>• The CWG Website continues to be checked for functionality and security issues. The personal site for Mandy Khaiyer was completed. (Kizer)</li> <li>• ERBEWeb is near complete. Still need to verify some issues found and verify site functionality with the site owner. (Kizer)</li> <li>• Modifications continue to be made as suggested by Dave Doelling to the prototype ASDC-CERES product pages for future Edition3 and Edition4 products. (Kizer, Heckert)</li> <li>• Parameter tables on the CERES production Website were reformatted to bulleted lists to match those produced at the ASDC. (Kizer)</li> <li>• Update the CERES production Website with additional NPP data information and the BDS NPP Edition1-CV product. (Kizer, Heckert)</li> </ul>
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> <li>• Releases 2.3.3 and 2.3.4 were promoted to production. These two releases fixed bugs related to the shopping cart on the public production system. (Chu)</li> <li>• Working on including more level 2 data into the public production system (i.e., including a new selection policy to pick data files for displaying/subsetting among different instruments, such as FM1 vs. FM2). (Chu)</li> <li>• Finalize and deliver the "operator" function (internal sites only) that now has all spatial resolutions available. (Regional,Zonal,Global). (Mitrescu)</li> <li>• Process six additional months of SSF lite and post them on the internal Web-pages. (Mitrescu)</li> <li>• Restore SYN lite for the internal Web pages. (Mitrescu)</li> <li>• Reprocessed Surface EBAF data and posted it to the internal site for investigation. (Mitrescu)</li> <li>• Fixed minor bugs in the code. (Mitrescu)</li> </ul>

**Table 6. October 3, 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><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)</li></ul>

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							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) <sup>7</sup>	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	Devel	18	Devel	18	Devel	N	
	CER2.1P1	N	Y	16	ValRx	16	ValRx	16	Y	N	
	CER2.2P1	N	Y	15	ValRx	16	ValRx	16	Y	N	Compile HDF with TK 15, run with TK 16
	CER2.3P1	N	Y	16	ValRx	16	ValRx	16	Y	N	
	CER2.3P2	N	Y	16	ValRx	16	ValRx	16	Y	N	
ERBE-like - 3	CER2.4P1	N	Y	16	ValRx	16	ValRx	16	Y	N	
	CER3.1P1	N	Y	16	ValRx	16	ValRx	16	Y	N	
Clouds 4.1-4	CER3.2P1	N	Y	16	ValRx	16	ValRx	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

		Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							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) <sup>7</sup>	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	Comments
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	Devel	16	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 <sup>1,2</sup>							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) <sup>7</sup>	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
TISA Avg - 10	CER9.4P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
	CER10.0P3	N	Y	16	Y	16	N	N/A	Y	N	PGE for Edition3
GGEO - 11	CER11.1P10	N	Y	16	Devel	18	N	N/A	n/a	n/a	
	CER11.2P2	N	Y	16	Devel	18	N	N/A	n/a	n/a	
	CER11.4P1	N	Y	16	Devel	18	N	N/A	n/a	n/a	
	CER11.6P1	N	Y	16	Devel	18	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:		
<sup>1</sup> 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
<sup>2</sup> Prod. Platform	SGL	warlock
	P4	Magneto - IBM P4
	P6	AMI - IBM P6
	X86	AMI - IBM X86
<sup>7</sup> "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