

August 8, 2012 - System Issues and Status
Table 1: Process Strategy/Coleman for 8/08/12
Active Requests in order of priority as of 8/05/12

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
The PRs that follow are the Standing PRs						
M-PR 1-09		NSIDC-NESDIS	EICE ESNOW 16 th mesh	4.1-4.0P2	Standing Request	
PRs NPP 1-11 through 5-11	NPP	Baseline1-QC	BDS/ ES8	1.0P2, 1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	
AM 8-11 thru 11-11 PM 8-11 thru 11-11	Terra Aqua	Baseline1-QC	BDS/ES8	1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	
AM 12-11 thru 19-11 PM 12-11 thru 19-11	Terra Aqua	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 FM3 1-11 to 7-11 FM4 1-12 to 7-12	Terra Aqua	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	
PR M 3-11 SCCR 858	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	
PR M 2-11 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	

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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						
PRs 138-12, 139-12 SCCR 899	CERES	ValR5xp6-Ed2 ValR5x86-Ed2	MOA	12.1P1	1/1-3/12	Ready Priority Level 1
PR 194-11 SCCR 804	Terra +Aqua	Edition3A	SYNi	7.2.1P1	7/2010 - 11/2011	In Progress Priority 2
PR 193-11 SCCR 795	Terra +Aqua	Edition3A	SYN1deg-3Hour/ M3Hour/ Month	8.1P1	7/2010 - 11/2011	In Progress Priority 2
PRs 53-12 thru 69-12 SCCRs 716, 863, 740	Terra, Aqua	Edition3	BDS/IES ES8/4/9	1.2P1, 1.3P3 2.2P1, 2.3P1&2 2.4P1	9/2/11 – 1/1/12	Terra Complete. Aqua ERBE-like in Progress Priority Level 2
PRs 50-12 thru 52-12	Terra- Aqua	Edition2A	ISCCP- D2like- Mrg	9.0P2 9.0P3	7/02 – 6/10	In Progress Priority Level 3
PR 137-09 SCCR 746	FM1, FM2	Edition2A	ISCCP- D2like- Day/Nit	9.0P1	Launch thru 10/02	In Progress Priority Level 3
PRs 136-09 46-12, 47-12 SCCR 746	FM3, FM4	Edition2A	ISCCP- D2like- Day/Nit	9.0P1	Launch thru 10/02	Ready. Priority Level 3
PR 46-09	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P1	12/1/07 - 6/30/10	Ready. Process 1 st month and wait for SS checkout Priority Level 3
PR 45-09 SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	12/1/07 - 6/30/10	Ready. Priority Level 3

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PRs 2-12 thru 4-12 SCCR 789	Aqua Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/31/10 – 12/31/11	Complete. 7/25/12
PR 114-12 thru 118-12 SCCRs 882,878, 863, 756, 770	NPP	CoversClose d	BDS/IES/ PreS8	1.0P2, 1.1P8, 1.2P1, 1.4P1,1.4P2	11/9/11 – 1/26/12	Complete. 7/30/12
PR 8-12 SCCR 794	Terra	Edition3A	SAH	5.0P2	1/11 – 12/11	Complete. 7/29/12
PR 1-12 SCCR 794	Aqua	Edition3A	SAH	5.0P2	1/11 – 12/11	Complete. 7/29/12
<p>**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed ValRx Evaluation ****</p>						
PRs 139-11 thru 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	2/28/2000 – 6/1/2005	HOLD –PreProd- Pending ValRx Approval Priority Level 3
PRs 143-11 thru 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	HOLD –PreProd- Pending ValRx Approval Priority Level 3
PRs 104-12 thru 106-12 SCCR 814	FM1, FM2	Beta1-Ed4	SSF	4.5-6.1P4 4.5-6.2P3 4.5-6.4P2	2/28/2000 – 6/1/2005	HOLD –PreProd- Pending ValRx Approval Priority Level 3
PRs 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	HOLD –PreProd- Pending ValRx Approval Priority Level 3

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
<p align="center">**** 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 ****</p>						
PRs 108-12 thru 113-12 SCCR 878	NPP Aqua Terra TRMM	ValR26		1.1P8	3/12 1/98	HOLD –PreProd- Pending Promotion Priority Level 3
PRs 119-12 thru 122-12 SCCR 740	NPP	CoversClose d	ERBELike	2.2P1 2.3P1, 2 3.1P1	11/9/11 – 1/26/12	HOLD –PreProd- Pending Promotion Priority Level 3
PR NPP 2-12 thru NPP 6-12 SCCRs 882,878, 863, 756, 770	NPP	Edition1-CV	BDS/IES/ PreS8	1.0P2, 1.1P8, 1.2P1, 1.4P1,1.4P2	1/27/12 forward	HOLD –PreProd- Pending Promotion Priority Level 3
PRs NPP 7-12 thru NPP 10-12 SCCR 740	NPP	Edition1-CV	ERBELike	2.2P1 2.3P1, 2 3.1P1	1/27/12 forward	HOLD –PreProd- Pending Promotion Priority Level 3
PRs 142-12 thru 130-12 SCCR 867	FM1 FM2 FM3 FM4	ValR27-P6	ERBELike	2.1P1 2.2P1 2.3P1, 2 2.4P1 3.1P1 3.2P1	2/11	HOLD –PreProd- Pending Promotion Priority Level 3
PRs 143-12 thru SCCR 867	FM1 FM2 FM3 FM4	ValR27-X86	ERBELike	2.1P1 2.2P1 2.3P1, 2 2.4P1 3.1P1 3.2P1	2/11	HOLD –PreProd- Pending Promotion Priority Level 3

Table 2. August 8, 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 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) • SCCR 920 – Installed this MOA delta delivery on <i>AMI-P</i> and released it to the ASDC on August 1. (Ayers) • SCCR 921 – Installed this TISA Averaging delta delivery on <i>AMI-P</i> and released it to the ASDC on July 31. (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. CERES Subsystem Delivery Schedule – August 2012

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)
Instantaneous SARB (SCCR 917)	July 27	August 10	August 17	Migrate PGE CER5.0P2 to <i>AMI-P</i> .			
Instrument (SCCR 911)	August 3	August 17	August 24	Redelivering PGE CER1.0P2.			
Perl_Lib (SCCR 906)	August 17	August 31	September 7	Adding features to AJSS_PGE class.			<i>AMI-P6 & AMI-x86</i>
CERESlib (SCCR 898)	August 17	August 31	September 7	TISA Gridding updates.			<i>magneto, AMI-P6 & AMI-x86</i>
TISA Gridding (SCCR 888)	August 17	August 31	September 7	Edition4 SSF1deg-Hour.	X		<i>AMI-P6 & AMI-x86</i>
Inversion (SCCR 912)	August 31	September 14	September 21	Migrate PGEs CER4.5-6.2P4, CER4.5-6.4P1, CER4.5-6.5P4, and CER4.5-6.5P5 to <i>AMI-P</i> .			<i>AMI-P6 & AMI-x86</i>
Clouds (SCCR 918)	October 5	October 19	October 26	Migrate PGE CER4.1-4.0P2 to <i>AMI-P</i> .			
TISA Gridding (SCCR 914)	October 12	October 26	November 2	Migrate PGEs CER9.1P1, CER9.2P2, CER9.3P2, and CER9.4P2 to <i>AMI-P</i> .			
Inversion (SCCR 913)	November 2	November 16	November 23	Migrate PGEs CER4.5-6.1P2, CER4.5-6.1P3, and CER4.5-6.2P2 to <i>AMI-P</i> .			

Table 3. CERES Subsystem Delivery Schedule – August 2012

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 Gridding (SCCR 915)	November 30	December 14	December 21	Migrate PGE CER9.0P1 to <i>AMI-P</i> .			
GGEO (SCCR 916)	November 30	December 14	December 21	Migrate PGE CER11.7P1 to <i>AMI-P</i> .			
Instrument (SCCR 877)	December 28	January 11	January 18	Converting PGE CER1.3P3 to C++ creating new PGE CER1.4P3.		X	<i>AMI-P6 & AMI-x86</i>
Clouds (SCCR 919)	February 8	February 22	March 1	Migrate PGEs CER4.1-4.1P4, CER4.1-4.1P5, CER4.1-4.2P2, CER4.1-4.2P3, and CER4.1-4.3P2 to <i>AMI-P</i> .			
Instrument (SCCR 641)		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	<i>magneto-P4</i>

SCF Processing

Subsystem	Reason for Delivery	SCF Platform
TISA Averaging (SCCR 766)	SRBAVG-nonGEO Beta2-Edition3 . New PGE CER10.1P1 for the subsetter code.	<i>AMI-P6</i>

Table 4. CERES Coefficients Delivery Schedule – August 2012

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
There are no deliveries planned at this time.					

Table 5. SCCR Activity July 23 at 2:30 p.m. – August 6 at 6:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
898		X				CERESlib	10	
912			X			Inversion		
913			X			Inversion		
914			X			TISA Gridding		
915			X			TISA Gridding		
916			X			GGEO		
917			X			SARB		
918			X			Clouds		
919			X			Clouds		
920	X		X	X		MOA	11	
921	X		X	X		TISA Averaging	12	
922	X					TISA Averaging	13	

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

CERES Software Configuration Change Request Submittal

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Subsystem: CERESlib

SCCR Date: 05/14/2012

SCCR Number: 898

*** All changes described in this SCCR were made in CERESlib. ***

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ADDITIONAL CHANGES TO SCCR NO. 898:

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Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Change the value of DA_EOF in ceres_status.f90 for the gfortran build of CERESlib from '3' to '5002'. PGEs that have already been compiled with GFortran 4.2.2 are unaffected by this.

Reason for Change (non-Science):

The iostat return code signaling end of file in direct access mode (DA_EOF) has changed from '3' to '5002' in transitioning from GFortran 4.2.2 to GFortran 4.5.3. This status code update was made by the GCC developers. CERES code built with GFortran 4.5.3 that relies on the DA_EOF signal could fail given the new value returned by the Fortran libraries.

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: N/A

Estimated Time to Complete Change: 1 Day

Planned Delivery Date: 8/31/2012

List Affected Subsystems and PGE Names: AMI x86 PGEs built with GCC 4.5.3

Date & Time: 2012-07-26 21:17:37

Originator: HILLYER, THOMAS N. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: MOA SCCR Date & TIME: 2012-07-30 11:02:14 SCCR No.: 920

Parameter Change: () YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
(Req# 12-3.6)
Correction to CER12_1P1_FileUtils.pm script for PGE 12.1P1.

Reason for Change (non-Science):
(Req# 12-3.6)
An error in the script was causing incorrect SMOBA ozone files to be used. This resulted in significant column ozone differences between Edition2 MOA produced on magneto and AMI. This script correction will eliminate those differences.

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:
12.1P1

Estimated Time to Complete Change: 2 days
Planned Delivery Date: Aug 1, 2012
List Affected Subsystems and PGE Names: RegridMOA PGE 12.1P1

Originator: CALDWELL, THOMAS E. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: TISAavg10.0 SCCR Date & TIME: 2012-07-31 14:45:44 SCCR No.: 921

Parameter Change: () YES (X) NO

Description of Change (Science):

Req#41 Delta Delivery

Updated the SORCE TSI ancillary data to add more daily mean Total Solar Irradiances from September 13, 2011 through July 24, 2012

Reason for Change (Science):

Req#41 Delta Delivery

Lack of data in the SORCE TSI caused error in processing CER10.0P3

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:

CER10.0P3 and CER7.3.1P1

Estimated Time to Complete Change: One hour

Planned Delivery Date: July 31, 2012

List Affected Subsystems and PGE Names: None

Originator: NGUYEN, CATHY (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: TISAavg8.0 SCCR Date & TIME: 2012-08-06 12:32:22 SCCR No.: 922

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement #8-31

Sample Read Package to support Terra Edition3A and Terra-Aqua Edition3A SYN1deg-3Hour, SYN1deg-Month and SYN1deg-M3Hour product. This includes the Data Product Catalogs with updated corrections.

See SCCR 795 for details.

Reason for Change (non-Science):

Requirement #8-31

Sample Read Package is required for these products.

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:

N/A

Estimated Time to Complete Change: 1 day

Planned Delivery Date: 8/7/12

List Affected Subsystems and PGE Names: None

Originator: LOCK, BETTY J. (SSAI)

Table 6. August 8, 2012 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> • Installed Toolkit 18 in permanent location on /SPG_ops file system. (Hillyer) • Released generic environment scripts for <i>AMI</i> x86 and Power 6 platforms to address Toolkit, OS, and compiler upgrades for non-CERES environment users. (Hillyer) • Building automatic task to run under ‘cerestoolkit’ user to update utcpole and leapsec data files on regular intervals and to email update notifications. (Hillyer) • Working with <i>AMI</i> users to migrate code and Makefiles to use CERES Toolkit 18 installation. (Hillyer, Wilkins) 	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> • Fixed DA_EOF constant in x86 version of ceres_status.f90 to account for changes between GCC 4.2.2 and GCC 4.5.3 Fortran iostat return value marking end of file on direct access reads. (Hillyer) 	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> • Installed patched version of File::Path in Perl_Lib to account for module behavior differences in module between Perl 5.8 and 5.10. (Hillyer) 	
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> • Working on Perl DBI interface to logging database. Insert is fully working and tested with named pipes, working on update next. (Wilkins) • Writing improved job container class to more efficiently handle larger PRs and reduce the amount of job related data sent across the network to the Operator’s Console. Will need to update API to account for these improvements. (Hillyer) • Writing DPO backloggers for Instrument, Clouds, and Inversion PGEs to account for non-CATALYST produced products in the ASDC_archive. (Hillyer) • Started writing AGU poster and abstract for AGU Fall 2012 Conference. (Gleason, Hillyer, Wilkins) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> • SCCR 911 – Updates to the software have been made and are being tested. Delivery Aug. 17th. (Grepitotis, Timcoe) • SCCR 877 – This effort continues, but has been rescheduled for Jan. 2013 due to higher priority deliveries related to moving software off of <i>magneto</i> 	

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SS No.	SS Lead	Status	Problems
1.0 (Cont'd)	Cooper (Grepitotis)	<p>and fixing the issues with CER1.0P2 (SCCR 911). (Grepitotis, Timcoe)</p> <ul style="list-style-type: none"> • Work began to convert the Solar/Lunar Angle web page software from Ada to C++. This effort is a low priority item. (Cooper) 	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> • SCCR 867 - Completed 'AsIs' testing of all <i>AMI-P</i> P6/x86 SSIT executables in new env't (SLES11/TK18): x86 SGE test cases for 2.1/2.2/3.1/3.2 ran successfully from SLES11 test blade ac09, with resulting QC reports and HDF products scientifically equivalent to DPO-SGI (Baseline/Ed1) and DPO-P6 (Ed3) equivalents. Switched from ac09 back to /SCF2 after OS update, and ran into 2 SGE failures: P6 'convert' cmd to make plot background transparent and x86 running of execs (shared libgfortran.so.2 not loading). Both we resolved by Nelson, and P6 results validated with DPO. Was able to recompile 2.2/2.3/3.1/3.2 (both P6 & x86) after implementing Dale's fix for es4.f90 on x86 and Nelson's fix to s4_gen_ppm's P6 makefile. Subsequent P6/x86 cmd-line testing of 2.2/3.1/3.2 showed segmentation fault w/ x86 s4_gen_ppm (everything else OK). Initially unable to run corresponding SGE tests (due to commlib error: connection refused) but eventually obtained same results as cmdline. (Lande, Hillyer) • SCCR 867 - Monitored Sharon's testing progress and sent clarifications to help run the ValR PRs (i.e. platform type selection, PS1 vs PS1_0, variable location) and interpret the OpsMans (i.e. 3.1P1 expected output files). Had Joanne redo the latest PR difference report (btwn 0710 & 0725), so I could put it in its correct final format, and send it to Lisa. (Lande) • Presented analysis of Aqua Edition4 SRFs to the Science team. The ~1 Wm⁻² LW day FM3/FM4 difference in Edition3 Land scenes has been removed. The next step, for the Science Team, is to use these SRFs to produce several years of LITE radiances for final approval. (Walikainen, Shankar, Szewczyk and Nitchie Smith) 	

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3.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Working with Pam Mlynczak on CERES Ordering Tool statistics load script. (Heckert) • Continuing development on SCCR Dashboard tool. (Heckert) • Processed ValR1-Beta1-Ed4 QC results for Terra and Aqua for 200607 and 200701. Edition 2 QC results were processed for the same two months and produced differences between the two data sets. Results were posted on the Web. (R. Brown) • AMI QC data was processed for 200607 and 200701 and differences were also produced between the ValR1-Beta1-Ed4 QC runs and the AMI runs. Results were posted on the Web. (R. Brown) • Ran 2 months of Clouds PGEs to test operating system upgrade. Validated output with AMI-P output. (Smith) • Ran 4 months of Clouds QC through post processing and posted on CWG website. (Smith) • Began updating OP2 to work on AMI. (Smith) • Compared two versions: ValR1-Beta1-Ed4 and ValR1-AMIxxxxxx. (Chen) • Staged NEWS data. (Chen) • Coordinated ValR1-Beta1-Ed4 validations. (Sun-Mack) • Working on lapse rate papers. (Sun-Mack) • Starting looking into what needs to be done for EUMETSAT talk. (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"> • Updated grid and comparison validation tools to use HDF file and Edition4 inputs. (Miller) • Compared Edition4Beta1 results with Edition3A and SCF produced files. (Miller) • Created animations and web pages for Energy Budget internet presentation. (Antropov) 	
4.5	Sothcott	<ul style="list-style-type: none"> • Transferred all necessary Edition4-Beta1 ValR data from AMI-P to AMI for review by the ADM and 	

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4.5 (Cont'd)	Sothcott	<p>SOFA working groups. The ADM group has completed their review and approved the ValR and the SOFA group is starting their review this week. (Sothcott)</p> <ul style="list-style-type: none"> • SCCR 912 - Completed porting PGEs 2P4, 4P1, 5P4 and 5P5 from magneto to <i>AMI</i> (P6). Testing multiple days and months of data are ongoing and looking good. (Sothcott) • SCCR 912 - Testing of PGEs 2P4, 4P1, 5P4 and 5P5 on <i>AMI</i> (x86) are ongoing. Results for 2P4, 4P1, 5P4 are looking good but 5P5 testing are showing significant differences with Production Edition3A results. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> • Combined with above. 	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • SCCR 917 - Preparing to deliver PGE 5.0P2 (surface albedo processor) to <i>AMI</i>. (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> • Nothing to report. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • SCCR 920 - Delivered script corrections for Edition2 MOA delivery to <i>AMI</i>. There was an inconsistency in the ValR5 MOAs caused by an incorrect ozone input file name in the PCF. (Caldwell) 	
7.1	Nguyen (Lock)	<ul style="list-style-type: none"> • Completed writing code to create the slope and offset coefficients for the LW fluxes. Continue plotting the results for validation. (Nguyen) 	
8.0	Nguyen (Lock)	<ul style="list-style-type: none"> • SCCR 922 - Updated the Data product catalogs as needed and redelivered the read package for the Edition3A SYN1deg product. (Lock) • Supporting the Surface Flux effort for David Rutan. (Lock) 	
10.0	Nguyen (Lock)	<ul style="list-style-type: none"> • SCCR 921 – Added SORCE incoming solar from July 2011 through July 2012 for SCCR 801 DAAC processing PGE 10.0P3. (Nguyen) • Ran January through August 1998 flux-by-cloud TRMM data for Moguo. Provided plots for January and July data. (Nguyen) • Modified code to handle March 1998 TRMM out of range cases and reran March 1998 TRMM for Moguo. (Nguyen) 	

Table 6. August 8, 2012 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
10.0 (Con't)	Nguyen (Lock)	<ul style="list-style-type: none"> Including LW normalization code into GERB code and SYN 1deg Lite code. (Nguyen) 	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> No new updates. (Raju) 	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> SCCR 888/897 – Ran 07/2006 ValR1-Beta1-Ed4 SSFB/SSFA data through all three PGEs on both x86 & p6 successfully. Preparing to deliver code on to both systems. (Raju) SCCR 914 – PGEs 9.1P1, 9.2P2 – 9.4P2 delivery to migrate PMOA, SFC Edition3 process from <i>Magneto</i> to <i>AMI-P</i>. No update. (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) As per Moguo’s requests, started running 1998 TRMM data through PGEs 9.0P2 and 9.0P3 to create ISCCP-D2like-Mrg files. (Raju) 	
11.0	Raju (Nguyen)	<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) As per Dave’s requests, copied Ed2 ADM code from Wenying Su area. According to Dave’s instruction this code should be modified to use GGEO as input instead of SSF day file and calculate LW flux and LW ADM. Started working on the ClearSky portion of the code and sent him the list of variables which are expected by the software Vs. the variables available on the GGEO file. (Raju) Work continued on checking the netCDF sample file and its format. Wrote routines to read, grid and average pixel level data. Test runs were made and created *.gif images for Dave. (Forrest Wrenn, Raju) 	

Table 7. August 8, 2012 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> • Incorporating comments from most recent review of Transition Plan draft. (Coleman) • Resolved and successfully tested open port issue for interface between PRDB and CATALYST. (Hillyer, Heckert) • Distributed latest versions of Test Plan and Procedures. (Coleman) • Preparing CERES PR Tool for testing in preproduction. (Heckert)
CERES Websites (Kizer)	<ul style="list-style-type: none"> • The security scan of the CERES cloud working group site (Ricky Brown) has been cancelled in an effort to get sites off of <i>lposun</i> as a whole and then work on making specific sites public. (Kizer) • Two personal websites were migrated from <i>lposun</i> to the Web cluster and were modified to work on the web cluster. The site owners have been asked to use only <i>wbs128</i> from now on. (Kizer) • A form page was set up for the CERES Science Team Meeting to let meeting organizers know who is coming and additional information. (Kizer)
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> • The current version of clouds validation tool has been enhanced to have the same capabilities as CERES ordering tool. (Chu/Mitrescu) • The work of adding “math” function to the clouds tool continues. (Chu/Mitrescu) • Convert subset8 codes (internal sites) to subset7 (test machine) for less functions. (Chu/Mitrescu) • Add warning banners for development/test/internal sites. (Chu/Mitrescu) • Start working on a general “operator” function – that allows for more complex manipulation/testing of data. (Chu/Mitrescu) • Compute global means from zonal means (per Dave’s request). • Submit 2012 AGU abstract and registration. (Chu/Mitrescu)

Table 8. August 8, 2012 – NPP Issues

Activity	Status
FM5	<ul style="list-style-type: none"><li data-bbox="472 296 1321 474">• Edition1-CV for NPP-FM5 has been processed thru June 2012. Further processing of Edition1-CV will be done after the delivery for SCCR 911 for PGE CER1.0P2, which will fix the issue associated with duplicate packets for July 3, 2012. The delivery of the updated software is scheduled for Aug. 17th.<li data-bbox="472 485 1292 663">• An issue with upstream processing for the CERES RDRs resulted in a loss of 8 RDRs for July 28th. The reason for the RDRs not being processed is not clear, however, we do not expect to ever receive these missing RDRs. (Cooper, Miller, Snyder)<li data-bbox="472 674 1330 892">• Created a new spreadsheet to track missing RDRs and how they affect Edition1-CV processing. The spreadsheet begins with July 2012 and will track any missing RDRs for a particular data date and the date when all RDRs for that date were received. Along with the date that the Edition1-CV was processed. (Snyder)

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	SSI&T	16	Y	N	
	CER2.2P1	N	Y	15	Y	16	SSI&T	16	Y	N	Compile HDF with TK 15, run with TK 16
	CER2.3P1	N	Y	16	Y	16	SSI&T	16	Y	N	
	CER2.3P2	N	Y	16	Y	16	SSI&T	16	Y	N	
ERBE-like - 3	CER2.4P1	N	Y	16	Y	16	SSI&T	16	Y	N	
	CER3.1P1	N	Y	16	Y	16	SSI&T	16	Y	N	
Clouds 4.1-4	CER3.2P1	N	Y	16	Y	16	SSI&T	16	Y	N	
	CER4.1-4.0P2	N	Y	15	Devel	18	N	N/A	Devel	N	Migration to AMI not in near future
	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	ValRx	16	N	N/A	ValRx	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	ValRx	16	N	N/A	ValRx	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P5	N	N	N/A	ValRx	16	N	N/A	ValRx	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	ValRx	16	N	N/A	ValRx	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 ^{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
Inversion/SOFA 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	ValRx	16	N	N/A	ValRx	Devel	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	N	N/A	ValRx	16	N	N/A	ValRx	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	ValRx	16	N	N/A	ValRx	Devel	Subset postproc for Terra and Aqua (Ed4 version of 2P2)
	CER4.5-6.2P4	N	Y	16	Devel	18	Devel	18	Devel	N	Ed3 daily post-processor
	CER4.5-6.4P1	N	Y	16	Devel	18	Devel	18	Devel	N	Edition2 to <i>magneto</i>
	CER4.5-6.4P2	N	N	N/A	ValRx	16	N	N/A	ValRx	Devel	Monthly validation site (Ed4 for 4P1)
CER4.5-6.5P4	N	Y	16	Devel	18	Devel	18	Devel	N	IES-SSF Terra New PGE, Ed2 format	
CER4.5-6.5P5	N	Y	16	Devel	18	Devel	18	Devel	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	Devel	18	Devel	18	Devel	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 ^{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
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	ValRx	16	ValRx	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