

December 12, 2012 - System Issues and Status
Table 1: Process Strategy/Coleman as of 12/12/12
Active Requests in order of priority as of 12/10/12

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	***** 11/28/12 Soon to be replaced with PR M 3-12
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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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
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
188-12 SCCR 867	Aqua	Edition3	SCCD/N	2.4P1	6/2002	Ready Priority Level 2

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187-12 SCCR 867	Terra	Edition3	SCCD/N	2.4P1	2/2000	Ready Priority Level 2
202-12 SCCR 867	FM4	Edition3	ES8	2.2P1	3/30/05 – 5/31/2011	Ready Priority Level 2
197-12 thru 199-12 SCCR 867	FM3	Edition3	ES8	2.2P1 2.3P1 2.3P2	3/30/05 – 12/31/10	Ready Priority Level 2
194-12 thru 196-12 SCCR 867	FM3 FM4	Edition3	ES8	2.2P1 2.3P1 2.3P2	6/18/02 – 3/29/05	Ready Priority Level 2
193-12 SCCR 867	FM2	Edition3	ES8	2.2P1	1/1/11 – 5/31/11	Ready Priority Level 2
189-12 thru 191-12 SCCR 867	FM1, FM2	Edition3	ES8	2.2P1 2.3P1 2.3P2	2/29/00 – 12/31/10	Ready Priority Level 2
192-12 SCCR 867	Terra	Edition3	ES4 ES9	3.1P1	3/00 – 12/10	Ready Priority Level 2
200-12 SCCR 867	Aqua	Edition3	ES4 ES9	3.1P1	7/02 – 12/10	Ready Priority Level 2
201-12 SCCR 867	Terra+Aqua	Edition2	ES4 ES9	3.2P1	7/02 – 12/10	Ready Priority Level 2
217-12 thru 219-12 SCCR 939	FM1	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	12/11 – 6/12	Ready Priority Level 2

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
220-12 thru 222-12 SCCR 939	FM3	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	12/11 – 6/12	In Progress Priority Level 2
216-12 SCCR 917	FM1	Edition3A	SAH	5.0P2	1/12 – 6/12	Ready Priority Level 2
215-12 SCCR 917	FM3	Edition3A	SAH	5.0P2	1/12 – 6/12	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 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
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	Complete
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	Complete
**** 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 ****						
179-12 thru 184-12 SCCR 914	FM1, FM3	ValR1-P6	SFC	9.2P2 9.3P2 9.4P2	11/2011	Hold –Pending Promotion Priority Level 2

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
223-12 SCCR 918		ValR1-P6	ESNOW EICE	4.1-4.0P2	TBD	Hold –Pending Promotion Priority Level 2
224-12 SCCR 914		ValR1-P6	PMOA	9.1P1	6/1/12 – 6/30/12	Hold –Pending Promotion Priority Level 2
M 3-12 SCCR 918		NSIDC- CLASS	ESNOW EICE	4.1-4.0P2	Standing Request beginning 12/1/12	Hold –Pending ValRx Priority Level 2
203-12 thru 214-12 SCCR 913	FM1, FM2, FM3, FM4	ValR1-P6 ValR1-X86	Edition1- CV SSF	4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	TBD	Hold –Pending Promotion Priority Level 2
To be written	Terra Aqua	Edition1-CV	SSFi Clouds	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2	Standing Request beginning 12/1/12	To update for new snow and ice files
To be written SCCR 914	FM1, FM3	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/2011 – 5/2012	Hold –Pending Promotion Priority Level 2
To be written	Terra+ Aqua	Edition3A	TSI SYNI SYN1deg	10.0P3 7.3.1P1 7.2.1P1 8.1P1	12/2011 – 5/2012	
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 TBD	Hold –Pending Promotion Priority Level 2

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Standing PR to be written SCCR 914	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	Hold –Pending Promotion

Table 2. December 12, 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 913 – Installed, compiled, and tested this delivery on <i>AMI-P-P6</i> and <i>AMI-P-x86</i>, and released it to the ASDC on November 28. (Ayers) • SCCR 939 - Installed, compiled, and tested this delivery on <i>AMI-P-P6</i> and <i>AMI-P-x86</i>, and released it to the ASDC on November 28. (Ayers) • SCCR 914 - Completed testing this delivery on <i>AMI-P-P6</i>, and released it to the ASDC on December 6. (Ayers) • Formatted the updated Inversion Test Plan, and the updated Instrument and TISA Gridding Operator’s Manuals, posted them on the Web, and provided them to the ASDC. Modifications were made to the File Management Policy as necessary. (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 November 13 at 2:00 p.m. – December 11 at 1:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
928			X			CERESlib		
937			X			CATALYST		
938	X					Synoptic SARB	9	
939	X		X	X		Inversion	10	
940	X					TISA Gridding	11	
941	X					Perl_Lib	12	

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

CERES Software Configuration Change Request Submittal

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Subsystem: SynSARB SCCR Date & TIME: 2012-11-15 12:15:13 SCCR No.: 938

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

(Req# 7.2-1.32)

The parameter NumSites used by SYN subset process needs to be updated.
A new list of validation sites will be included.

Reason for Change (non-Science):

(Req# 7.2-1.32)

The current value of the parameter does not allow all the validation sites to be included in the SYN subset (SYNS) files for the southernmost latitudes. This delivery will also be used to update the list of validation sites as requested by SARB working group.

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:

7.2.1P1

Estimated Time to Complete Change: 3 weeks

Planned Delivery Date: January 4, 2013

List Affected Subsystems and PGE Names: 7.2.1P1 Synoptic SARB

Originator: CALDWELL, THOMAS E. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Inversion SCCR Date & TIME: 2012-11-23 10:56:00 SCCR No.: 939

Parameter Change: () YES (X) NO

Description of Change (Science):
None.

Reason for Change (Science):
N/A

Description of Change (non-Science):
Update CER4.5-6.5P4 and CER4.5-6.5P5 to fix bug with SSFA file when there are mismatched numbers of IES FOVs between Edition2 and Edition3. Req. # 4.5-46

Reason for Change (non-Science):
Edition3A aerosol data in the SSFA and HDF files are incorrect when there are mismatched numbers of IES FOVs between Edition2 and Edition3.

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:
CER4.5-6.5P4 and CER4.5-6.5P5

Estimated Time to Complete Change: 1 week
Planned Delivery Date: 11/28/2010
List Affected Subsystems and PGE Names: Inversion CER4.5-6.5P4 and CER4.5-6.5P5

Originator: SOTHCOTT, VICTOR E. (SSAI)

CERES Software Configuration Change Request Submittal

Subsystem: TISAgrid9.0 SCCR Date & TIME: 2012-12-07 14:22:02 SCCR No.: 940

Description of Change (Science):

Req 9-04.1 Initial delivery of new PGE CER9.0P4 to create the daily subset SSF.

Req 9-05.1 Initial delivery of new PGE CER9.0P5 to create the flux by cloud data.

Reason for Change (Science):

Science Team's Request

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:

CER9.0P4, CER9.0P5

Estimated Time to Complete Change: 2 weeks

Planned Delivery Date: January 4, 2012

List Affected Subsystems and PGE Names: None

Originator: KEYES, DENNIS F. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Perl_Lib SCCR Date & TIME: 2012-12-11 12:59:27 SCCR No.: 941

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Adding step in compiled modules' Makefiles to compile for both DMT and ASDC maintained versions of Perl (i.e. 5.16 and 5.10).

Reason for Change (non-Science):

DynaLoader-based modules in Perl_Lib need to be built for both versions of Perl in production on AMI and AMI-P.

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: completed

Planned Delivery Date: 12/14/2012

List Affected Subsystems and PGE Names: AMI PGEs

Originator: HILLYER, THOMAS N. (SSAI)

Table 4. December 12, 2012 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing to report. (Hillyer) 	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing to report. (Hillyer) 	<ul style="list-style-type: none">
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing to report. (Hillyer) 	<ul style="list-style-type: none">
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> Presented CATALYST poster at the AGU 2012 Fall Meeting Informatics Session. (Hillyer, Wilkins) Added framework to signal shutdown request to threaded processing pipeline. (Hillyer) Added UI components to send shutdown request to server. (Wilkins) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> SCCR 877 - Thomas found the issue with the Metadata on the x86 platforms. The Makefile for the software had a hardcoded path that needed to be removed. The PGE is now working on both platforms and is being tested to ensure that it will be ready for delivery at the end of the week. (Grepitotis, Timcoe) Updates to the Instrument Test Plan and Operator's Manual to support SCCR 877 were made. Several corrections to the tables in the appendices of the Test Plan to remove information from old Ada versions of PGEs were also incorporated into this version of the document. (Cooper) The team worked to process Aqua Quicklook data during the AMSRE spin-up. There was a delay in getting the attitude data, but that issue has been resolved. The full Level-0 files are being processed at the SCF to allow the team to report back to Aqua on the effects of the spin-up. At this time, no adverse affects of the AMSRE have been seen for CERES. Updates were made to the automated Quicklook processor to allow both FM3 and FM4 data to be automatically processed once the quicklook files were available from the DPO. (Grepitotis, Timcoe) 	

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SS No.	SS Lead	Status	Problems
1.0 (Cont'd)	Cooper (Grepitotis)	<ul style="list-style-type: none"> The Available Data Web page software continues to be tested. One issue with the software remains and is being worked. This is expected to replace the existing Ada version of software in early January. (Cooper, Grepitotis) 	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> SCCR 933 - Tested PR creation tool in updated development environment (PR_webinterface_V1-0-2_933) and verified implementation of requested changes/corrections to 2.2P1, 2.3P1/2, and 3.1P1. Reported issues found (i.e., reversed input date ranges order, daily begin/end monthly dates, Special Instructions formatting, SS3in) to Carla/Liz, and verified fixes to 2.3P2. (Lande) Received RT approval to add 'ceres' to my AMI group memberships. Tested and replied affirmative. Used it to retrieve latest PR workbook in Lisa's homedir, and apply finishing touches to Ed3 PRs (i.e., changed starting date of FM4 Ed3-NoSW (20050330) to match that of Ed2-NoSW (20050401): this avoided creating month of mixed SW/-noSW data). Checked SCC's CC switch from 300300 to 300301 in 201201, and split 2.2P1/2.3P2 input SCC listings at BOM (200002: 300301, 200003-: 300300; Aqua 200206: 300301, Aqua 200207-: 300300). Sent corrections notices to Lisa/Angel and Reynold. Verified progress on implementation by Angel (SSIT area: 20000229 FM1/2, 20020618/20 FM3). Assisted Tammy with Sharon's issue on use of 'default' SCCs in Cereslib for 201207 processing of 4.5-6.1P2/3 (Terra/Aqua Ed1-CV). (Lande) Continued analysis of CER2.4P1 platform dependence: 'print' statements in Gaussj.f90 (a subroutine used for solving "3-equations, 3-unknowns") show that P6 values have two more digits than x86 ones. Unfortunately, declaring double precision for x86 variables produces more problems. Also, robust testing without these two extra digits causes the x86 version to crash. (Walikainen) 	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> Combined with above. 	

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SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Regenerated Lapse Rate Maps of several versions for Lapse Rate Paper. (Chen) • Created clear sky overhead albedo directional models for snow free with Bob's Models by processing almost whole year of Terra data. (Chen) • Continue checking the daily ingest completion of VIMD (03001) and VAOT (03001) data on the /ASDC_archive. (Chen) • Completed changes to CER4.1-4.0P1 on AMI using AFWA input data. Changes made to code, scripts, Operator's Manual, and Test Plan. Ran test cases and verified output. (Smith) • SCCR 918 - Made updates to CER4.1-4.0P2. Updated scripts and Operator's Manual to use correct directory paths for inputs. Updated code to correctly read input maps. Reran test cases. (Smith) • Began moving CER4.1-4.1P4 and CER4.1-4.1P5 from <i>magneto</i> to AMI and making modifications necessary for running on AMI. (Smith) • Continuing bug fixes from PPE Testing of CERES PR Tool. (Heckert) • Continuing development of SCCR Dashboard Tool. (Heckert) • Added VISST_Stats to the CWG Site Imagery tool. (Heckert) • Processed ClearSky Map files for Terra Beta1-Ed4 from 200109 through 200402 and Aqua Beta1-Ed4 from 200306 through 200503. Global images were created and posted on the Web. (R. Brown) • Processed SSF data for Aqua Beta1-Ed4 from 200301 through 200312 and for Terra Beta1-Ed4 for 200201 through 200212. Global images were processed for Aqua Beta1-Ed4 for 2002 and 2001. (R. Brown) • Processed QC_Stats for Terra Beta1-Ed4 for 200003 through 200312. QC Global images and statistics were produced for Aqua Beta1-Ed4 for 200401 through 200412. Stats were processed for Aqua Beta1-Ed4 from 200207 through 200312. Results were posted on the Web. (R. Brown) 	

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4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> • In the Global DX program, developed a system for Delayed Color, which allows easier manipulation of the colormap to account for any number of out of range value. Got the package ready for user testing. (Gibson.) • Worked with Rita on AFWA 0P1. (Sun-Mack) • SCCR 918 - Worked with Rita on CLASS issues. (Sun-Mack) • SCCR 918 - Worked with the ASDC on CLASS DPO location. (Sun-Mack) • Worked on lapse rate paper. (Sun-Mack) • Read Journal 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"> • Monitored Terra and Aqua Beta1-Ed4 processing. (Miller) • Implemented Edition4 convolution changes into CCCM convolution code. (Miller) • Updated SSF Data Product Catalog. (Miller) • 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"> • SCCR 939 - Determined what the problem was with the hour 00 data for Edition3A on dates 6/30/10 through 12/31/11. Fixed the problem, tested and delivered the software for Edition3A. (Sothcott) • Worked on Problem Report 81 concerning scripts and their use of the default spectral calibrations for Edition1-CV processing on AMI. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> • Combined with above. 	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • No new updates. (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> • Preparing delivery of SCCR 938. (Caldwell) • Successfully ran Edition4 test case for Inversion Subsystem as part of subsystem backup training. Provided Synoptic SARB tar files to Victor Sothcott for testing. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • No new updates. (Caldwell) 	

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7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> Set up code and scripts for Michele Nordeen to run with Edition4 GGEO to compare with GERB 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"> SCCR 934 - Validating code. Comparing local versus GMT solar incoming fluxes. Preparing for the delivery. (Nguyen) SCCR 934 - Ran September 2008 with the updated snowice from the SFC for code validation. (Nguyen) Ran five months of 1998 TRMM and provided plots to Moguo Sun. (Nguyen) Ran v09 Terra SSF1deg Lite from March 2000 through June 2012 for Norman Loeb. (Nguyen) Provided January 2010 input data for running TSI for Edition4 GGEO validation. (Nguyen) Updated narrowband to broadband conversion code to read the Edition4 daily subset SSF for clear and all-sky cases. (Nguyen) Providing support to Edition4 GGEO validation. (Nguyen) SCCR 934 - Pre-delivery memo has been sent. Preparing for delivery date of December 14th, 2012. (Keyes) SCCR 940 - Submitted. Initial delivery of PGEs CER9.0P4 and CER9.0P5 currently estimated for January 4th, 2012. Code has been successfully run for one month after altering the PGE numbers to better fit with other ISCCP-D2like PGEs in TISAgid. (Keyes) SCCR940 - Plan to work on documentations (Test Plan and Operator's Manual) to prepare for the delivery. (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 - PGE delivery to CERES CM was completed. (Forrest Wrenn, Raju) SCCR 915 - PCF scripts were updated and tested. (Raju, Thomas Grepiotis) 	

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SS No.	SS Lead	Status	Problems
9.0 (Cont'd)	Raju (F. Wrenn)	<ul style="list-style-type: none"> • As per Dave Doelling's request for his comparisons between the SFC and Norm Loeb version, modified PGE CER9.2P2 software to use liquid/ice cloud amount weighting in Liquid/Ice cloud parameter calculations. Processed 09/2008 Terra SSF and provided Edition3 SFCB files to averaging process. (Raju) 	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • SCCR 916 - Started working on PCF scripts. (Raju, Thomas Grepiotis) • Edition3 PGE CER11.1P10 software was modified to process 2-channel MCIDAS data and write output in Edition4 format. Processed 01/2010 G-11, G-12, MET7, and MTS1 satellites' data through new PGE. The generated outputs and the Edition4 MET9 (processed using Edition4 NetCDF inputs) were processed through post processor and provided Composite GGEO file for GERB comparisons. (Raju) • 01/2010 Terra SFC/GGEO data were processed through PGE 11.4P1 and provided MODIS versus GGEO match data output to Michele Nordeen for cloud parameters' validations. (Raju) • Received information from Dave Doelling about the number of PGEs and their functions for possible Edition4 delivery next year. (Raju) • Currently working on GGEO to CERES SW broadband radiance comparisons. (Forrest Wrenn) • Working on Radiance comparisons from Edition 3 to Edition 4. (Forrest Wrenn) 	

Table 5. December 12, 2012 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> • Delivered updates to the Web Interface to correct items identified during end-to-end testing. (Heckert) • Delivered updates to the PRDB to correct items identified during end-to-end testing. (Grune) • Reviewed corrections and prepared Test plan for corrective deliveries. (Coleman)
CERES Websites (Kizer)	<ul style="list-style-type: none"> • CWG Website revealed only one file needed changing for a clean scan. Modifications were made and continue to work with Ben on getting the file rescanned. (Kizer) • Re-registered the CERES public Website via STRAW. (Kizer) • Modified the CERES Data Quality Summaries page to reverse the order to show Level3b to Level1b. (Kizer) • Initiated contact with the SARB group to determine if the SARB working group site is still needed. Site is presently available to the public under asd-www. (Kizer)
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> • Release 2.3.6.3 was promoted to the production: (Chu and Mitrescu) <ul style="list-style-type: none"> ○ Fixed possible security flaw caused by cross-site scripting. ○ Fixed the problem with the case when the scan image is shorter than browser's height. • Attended the GU meeting and presented two posters. (Chu and Mitrescu) • Re-do SSF1deg data for QC purposes. (Mitrescu)

Table 6. December 12, 2012 – NPP Issues

Activity	Status
FM5	<ul style="list-style-type: none">• Work to fix the issue with spikes in the NPP data will be worked after the updated CER1.4P3 is delivered in December. (Grepotis, Hess, Smith, 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	Devel	18	Devel	18	Devel	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	
	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	SSI&T	18	N	N/A	SSI&T	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	SSI&T	18	SSI&T	18	SSI&T	N	Ed2 Terra Main
	CER4.5-6.1P3	N	Y	16	SSI&T	18	SSI&T	18	SSI&T	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	SSI&T	18	SSI&T	18	SSI&T	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	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
	CER9.0P4	N	N	N/A	Y	18	N	N/A	Devel	N	
	CER9.0P5	N	N	N/A	Y	18	N	N/A	Devel	N	
	CER9.1P1	N	Y	15	SSI&T	18	N	N/A	SSI&T	N	
	CER9.2P2	N	Y	16	SSI&T	18	N	N/A	SSI&T	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	SSI&T	18	N	N/A	SSI&T	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	SSI&T	18	N	N/A	SSI&T	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	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 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
8/22/2012	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".

Revisions:		
10/31/2012	9.2P2, 3P2, 4P2	Changed P6 status and new wrapper status from "Devel" to "SSI&T"
11/14/2012	4.1-4.0P2	Changed P6 status and new wrapper status from "Devel" to "SSI&T"
	4.5-6.2P4, 4P1, 5P4,5	Changed P6 and X86 statuses and new wrapper status from "SSI&T" to "ValRx"
	4.5-6.1P2,3, 2P2	Changed P6 and X86 statuses and new wrapper status from "Devel" to "SSI&T"
11/28/2012	4.5-6.2P4, 4P1, 5P4,5	Changed P6 and X86 statuses and new wrapper status from "ValRx" to "Y"
12/12/2012	9.1P1	Changed P6 and New Wrapper status to "SSI&T"
	9.0P4,5	New PGEs