

January 9, 2013 - System Issues and Status
Table 1: Process Strategy/Coleman as of 01/09/13
Active Requests in order of priority as of 01/07/13

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
The PRs that follow are the Standing PRs						
M 1-09		NSIDC- NESDIS	EICE ESNOW 16 th mesh	4.1-4.0P2	Standing Request	***** 1/09/13 Soon to be replaced by PRs M 3-12 and M 1-13
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 6-11, 6-12 PM 1-11 to 6-11, PM 26-12, PM 1-12 to 7-12	Terra Aqua (FM3, FM4)	Edition1-CV	SSF Clouds and Inversion	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2 4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request	***** 1/09/13 Soon to be replaced by new PRs to use the snow and ice produced by PRs M 3-12 and M 1-13
M 3-11 SCCR 920	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	
M 2-11 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						
188-12 SCCR 867	Aqua	Edition3	SCCD/N	2.4P1	6/2002	Ready Priority Level 2
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

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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+A qua	Edition2	ES4 ES9	3.2P1	7/02 – 12/10	Ready 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
2-13 to 5-13 SCCRs 801, 804, 795	Terra+ Aqua	Edition3A	TSI SYNI SYN1deg	10.0P3 7.3.1P1 7.2.1P1 8.1P1	12/2011 – 5/2012	Hold –Pending Input Priority Level 2

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46-12, 47-12 SCCR 746	FM3, FM4	Edition2A	ISCCP- D2like- Day/Nit	9.0P1	Launch thru 10/02	Ready. Priority Level 2
225-11 to 228-11 SCCR 809	FM1, FM2	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	6/2/2005 – 6/30/2010	Ready Priority Level 2
233-12 to 235-12 SCCR 814	FM1, FM2	Beta1-Ed4	SSF	4.5-6.1P4 4.5-6.2P3 4.5-6.4P2	6/2/2005 – 6/30/2010	Ready Priority Level 2
229-12 to 232-12 SCCR 809	FM3, FM4	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	4/1/2005 – 6/30/2010	Ready Priority Level 2
236-12 to 238-12 SCCR 814	FM3, FM4	Beta1-Ed4	SSF	4.5-6.1P4 4.5-6.2P3 4.5-6.4P2	4/1/2005 – 6/30/2010	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
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	7/1/12 – 7/31/12	Complete. 12/24/12
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	Complete. 12/11/12

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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	Complete. 12/13/12
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	Complete. 1/4/13
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	Complete. 1/4/13
223-12 SCCR 918		ValR1-P6- CLASS	ESNOW EICE	4.1-4.0P2	4/12	Complete. 12/21/12
**** 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
245-12 to 247-12 SCCR 914	FM1	Edition3A	SFC	9.2P2 9.3P2 9.4P2	11/2012 – 5/2012	Hold –Pending Promotion Priority Level 2
242-12 to 244-12 SCCR 914	FM3	Edition3A	SFC	9.2P2 9.3P2 9.4P2	11/2012 – 5/2012	Hold –Pending Promotion Priority Level 2
1-13 SCCR 943		ValR1-P6- AFWA- Mesh16th	ESNOW EICE	4.1-4.0P3	12/12	Hold –Pending Promotion Priority Level 2

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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 2/1/13	Hold –Pending Promotion Priority Level 2
M 1-13 SCCR 943		NSIDC-AFWA-Mesh16th	ESNOW EICE	4.1-4.0P3	Standing Request beginning 2/1/13	Hold –Pending Promotion Priority Level 2
6-13 to 11-13 SCCR 877	FM1, FM2, FM3, FM4	ValR1-P6, ValR1-X86	BDS, IES	1.4P3	4/30/12 – 7/1/12	Hold –Pending Promotion Priority Level 2
To be written SCCR 693	Terra Aqua	Edition1-CV	SSFi Clouds	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2	Standing Request beginning 2/28/13	Hold –Pending Input Priority Level 2
248-12 to 249-12 SCCR 916		ValR1-P6 ValR1-X86	ISCCP-D2like-GEO	11.7P1	2/2010	Hold –Pending Promotion Priority Level 2
250-12 to 251-12 SCCR 915		ValR1-P6 ValR1-X86	ISCCP-D2like-Day/Nit	9.0P1	6/2010	Hold –Pending Promotion Priority Level 2
1-13 SCCR 943		ValR1-P6-Class-Mesh16th	EICE, ESNOW	4.1-4.0P3		Hold –Pending Promotion Priority Level 2
To be written SCCR 913	FM1, FM2, FM3, FM4	Edition1-CV	SSF	4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request beginning 2/28/13	Hold –Pending Input Priority Level 2

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M 2-13 SCCR 914	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	Hold –Pending Promotion

Table 2. January 9, 2013 - System Issues and Status

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> • Nothing to report. (Miller)
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> • See Table 3 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 3. (Ayers) • SCCR 933 – Re-released the PR Database/Web Interface delivery on December 11. (Ayers) • SCCR 928 – Recompiled, re-tested, and re-released CERESlib after files were updated in support of Clouds 918. (Ayers) • SCCR 943 – Installed, compiled, and tested Clouds on <i>AMI-P-P6</i>, and released it to the ASDC on January 3. (Ayers) • Formatted the updated Clouds Test Plan, and the updated Clouds, Inversion, GGEO, 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) • SCCR 941 – Installed, compiled, and tested Perl_Lib. This delivery will be released in conjunction with Instrument 877. (Ayers) • SCCR 877 - Installed and compiled Instrument PGE CER1.4P3 on <i>AMI-P-P6</i> and <i>AMI-P-x86</i>. Currently testing this delivery. (Ayers) • SCCR 915 – Installed and compiled TISA Gridding PGE CER9.0P1 on <i>AMI-P-P6</i>. Currently testing this delivery. (Ayers) • SCCR 916 – Received this GGEO delivery. (Ayers) • SCCR 938 – Received this Synoptic SARB delivery. (Ayers)
AMI 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 December 11 at 1:00 p.m. – January 7 at 6:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
913				X		Inversion		
918				X		Clouds		
928				X		CERESlib		
938			X			Synoptic SARB		
940			X			TISA Gridding		
941		X	X			Perl_Lib	10	
943	X		X			Clouds	11	

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

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

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ADDITIONAL CHANGES TO SCCR NO. 941:

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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):

Added additional checks to AJSS_PGE and SGE_Utills modules that submit and run jobs using 'qsub' if 32-bit Perl is used and using DRMAA if 64-bit Perl is used.

Added BASH front-end script (\$PERL5LIB/bin/perl) to dynamically select ppc64 or x86_64 Perl on remote execution host when using "#!/usr/bin/env perl". Prepend (\$PERL5LIB/bin) to remote environment's \$PATH so BASH front-end script.

Reason for Change (non-Science):

AMI-P ppc64 platforms' /usr/local/bin/perl is a 32-bit executable which prevents dynamic linking to DRMAA libraries, therefore the system call 'qsub' is necessary.

Since Perl is installed in a platform depended location, a non-platform-depended front-end to select the correct Perl interpreter for the target architecture is needed.

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: 1/4/2013

List Affected Subsystems and PGE Names: AMI PGEs

Date & Time: 2013-01-04 10:56:20

Originator: HILLYER, THOMAS N. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Clouds SCCR Date & TIME: 2012-12-21 20:43:45 SCCR No.: 943

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

NESDIS 1/16th mesh SNODEP product will be discontinued starting March 1, 2013. Decision was made to start a subscription with AFWA on AFWA's 1/16th SNODEP product. This delivery is to read AFWA 1/16th SNODEP production and implement the AFWA 1/16th SNODEP product with NSIDC SSMI product to create CERES ESNOW and EICE 10min maps. (Requirement 4-16)

Reason for Change (non-Science):

NESDIS 1/16th mesh SNODEP product will be discontinued starting March 1, 2013. (Requirement 4-16)

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:

CER4.1-4.0P3

Estimated Time to Complete Change: Jan. 4, 2013

Planned Delivery Date: Jan. 4, 2013

List Affected Subsystems and PGE Names: 4.1-4.1P6, 4.1-4.2P5, 4.1-4.2P4, 4.1-4.3P3, 4.1-4.1P4, 4.1-4.1P5, 4.1-4.2P2, 4.1-4.2P3, 4.1-4.3P2; Inversion: 4.5-6.1P2, 4.5-6.1P3, 4.5-6.2P2, 4.5-6.2P4, 4.5-6.4P1, 4.5-6.5P4, 4.5-6.5P5; SARB: 5.0P2; TISA: 9.0P1, 9.1P1, 9.2P2, 9.3P2, 9.4P2

Originator: SUN-MACK, SUNNY (SSAI)

Table 4. January 9, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> ceres-iwg-backup configured for executing RDR and BDS processor. Awaiting FTP access to SD3 to obtain RDRs. (Hillyer) 	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing to report. (Hillyer) 	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> SCCR 941 - Delivered updated Perl_Lib to support 32 and 64-bit Perl 5.8, 5.10, and 5.16 on <i>AMI</i> and <i>AMI-P</i>. (Hillyer) 	
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> Fixing issues discovered with logging database for very large backloging jobs. (Wilkins) Preparing installation package using bash and dialog. (Wilkins) Working on email reporting system. (Hillyer) Testing issues observed in processing workflow. (Hillyer) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> SCCR 877 – Delivered to CERES CM December 17, 2012. (Grepitotis, Timcoe) Work to update CER1.1P8 to properly handle the spikes being seen in the NPP-FM5 data has begun. These updates will be delivered and a possible reprocessing of NPP-FM5 Edition1-CV may be requested. (Timcoe) The Available Data Web page software for both Aqua and Terra has been completed and is being used as of Jan. 1. One issue with the software was discovered and fixed. (Cooper) 	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> SCCR 933 - Went over latest SS1.0/2.0/3.0 E2E PRs ('ReworkTestCases') and had Lisa fix date ranges. Following PPE database update to v1.0.3-933 by Maria Wilson, created and edited these PRs (61-12 thru 69-12) as needed to validate the modifications implemented following previous E2E testing. Monitored PR statuses, fixed rejected PRs as required (i.e., 67-12 for 2.3P1), and provided feedback to Lisa, Carla, and Elizabeth on issues encountered with these activities (i.e., login access/privileges, PR search tool issues, and cloning restrictions). (Lande) 	

Table 4. January 9, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
2.0 (Cont'd)	Walikainen (Lande)	<ul style="list-style-type: none"> • Backed up important work files and email logins information for vacation. Began work on next set of PRs (1.4P3 ValRs and processing the next Ed3 gains delivery). (Lande) • Began reviewing Tropical Mean code, as Susan is transferring this responsibility to me. (Walikainen) • Created candidate Edition4 Aqua spectral responses for the case where SW gain does not change. (Walikainen) 	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • SCCR 943 - Finished delivery of CER4.1-4.0P3. (Smith) • Attempting to locate the source of a distribution problem in Edition 4 binned QC SZAVZA AD results by Eco. (Smith) • Working with Thomas Grepiotis on new scripts for CER4.1-4.0P2 PCF creation. (Smith) • SCCR 919 - Working on converting 1P4, 1P5, 2P2, 2P3, 3P2 from <i>magneto</i> to <i>AMI</i>. (Smith). • SCCRs 918 and 943 - Reviewed and commented on 0P2 and 0P3 PRs. (Smith) • Continuing bug fixes following testing of CERES PR Tool. Most recent release (build 1.0.2) is in PPE environment now. (Heckert) • Continuing development of new features for SCCR Dashboard Tool. (Heckert) • Did some training with Tammy Ayers for CM Testing. (Heckert) • Regenerated Lapse Rate Maps of Snow Free and Snow Cover of 12 months based on 2006 and 2007 data. (Chen) • Created clear sky overhead albedo directional models for 0.8 of snow free with Bob's Models by processing 2007 Terra CloudVis data. (Chen) • Continue checking the daily ingest completion of VIMD (03001) and VAOT (03001) data on /ASDC_archive. (Chen) 	

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SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> • QC global images and statistics were processed for Terra Edition 4 from 200409 through 200412. (R. Brown) • Continued updating QC statistics for Terra Edition4 (200003 - 200409) and Aqua Edition 4 (200207 - 200503). (R. Brown) • SCCRs 918 and 943 - Worked with Angel and Rita on issues encountered while delivering, testing and reviewing PRs. (Sun-Mack) • Worked on validations of the Lapse Rate paper. (Sun-Mack) • Assisted Yan on clear sky albedo work. (Sun-Mack) • Started looking into the C5/C6 calibrations. (Sun-Mack) 	
4.2	Sun-Mack	<ul style="list-style-type: none"> • Combined with above. 	
4.3	Sun-Mack	<ul style="list-style-type: none"> • Combined with above. 	
4.4	Miller (Antropov)	<ul style="list-style-type: none"> • Monitored Terra Beta1-Ed4 processing. (Miller) • Started testing Edition4 convolution changes into CCCM convolution code. (Miller) • Created a subroutine to adjust Log cloud fraction tau for ERBE CERES-like SSF. Processed NOAA9 ERBE data with the Log cloud fraction tau correction for December 1986. 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"> • Completed and sent approval for the SSF Edition3A overlap month of data associated with SCCR 939. (Sothcott) • Working on analysis and evaluation of the SSF ValR1 data associated with SCCR 913. (Sothcott) • Supporting SOFA working group efforts to evaluate the overcast SWB algorithm. (Sothcott) • Completed running the test cases for SARB subsystem to become familiar with it. This is in support of being the backup to Tom Caldwell. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> • Combined with above. 	

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SS No.	SS Lead	Status	Problems
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> Working on issues with new CRS 5.5P1 monthly PGE. Having difficulty reading SSFB files. Working with Victor to resolve this issue. (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> SCCR 938 - Delivered Synoptic SARB to AMI x86 platform. This includes update for env variable CC4_0 to CC4_0P1. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> Answered questions from SARB science team concerning availability of 2010 and 2011 G5.4 MOA. (Caldwell) 	
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> No new updates. (Nguyen) 	
8.0	Nguyen (Keyes)	<ul style="list-style-type: none"> No new updates. (Nguyen) 	
10.0	Nguyen (Keyes)	<ul style="list-style-type: none"> SCCR 934 – Working on the test plan document. (Keyes) SCCR 940 – Finalized FluxByCloudTyp a the product ID for the flux-by-cloud code. (Keyes) Worked with Forrest Wrenn in reading his new coefficients and created the matched GGEO and CERES SW fluxes for the AMS meeting poster. (Nguyen) Set up the standalone code for Forrest Wrenn to write out the narrowband and the old coefficients for AMS meeting poster. (Nguyen) 	
6.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> No new updates. (Raju) 	
9.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> SCCR 914 – Modified CER9.1P1 PCF scripts according to SSIT requests to include only expected MOA file names in the log. Scripts were tested and sent them to CERES-CM (Raju, Grepitotis) SCCR 914 – Sent missed ancillary x-track files in the delivered tar file to CERES-CM. Found few problems with PGEs 9.2P2, 9.3P2 PCF scripts while testing February/November months. Corrections were made to scripts and resent them to CERES-CM. (Raju) 	

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SS No.	SS Lead	Status	Problems
9.0 (Cont'd)	Raju (F. Wrenn)	<ul style="list-style-type: none"> • SCCR 915 – Delivery was completed to process on both <i>p6</i> and <i>x86</i> platforms. Output product evaluations showed big differences. Found the reason was due to an uninitialized variable in the linear optical depth calculation. Made corrections to code and resent the tar files to CERES-CM. (Raju) • Finalized LW ADM code to integrate in TISA averaging software to derive WN+WV to OLR radiance conversion coefficients. Provided software package with some examples to Moguo Sun and Cathy Nguyen. (Raju) • Processed 09/2008 Terra SSFB/SSFA through modified (Liquid/Ice cloud parameters weighted by Liquid/Ice cloud fractions) SS9 code for comparisons between SFCB and Norman Loeb's version. (Raju) 	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • SCCR 916 – Delivery was completed. (Raju) • Received approval from Dave Doelling and provided 01/2012 – 06/2012 Edition3 GGEO files to the ASDC. (Raju) • Processed 2010 April, July, and October MET9 data through Edition4 software to create GGEO and MODIS Vs. GEO match files for science validations. (Raju) • Met with Churngwei regarding subsetter requirements to display GEO data on the subsetter for visualization. A new program was written in FORTRAN to read GGEO data and create daily files including radiances, cloud parameters. 07/2010 Edition4 GGEO data was processed and provided daily files and a read program to Churngwei. (Raju) 	

Table 5. January 9, 2013 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> • Implemented last items from end-to-end testing and delivering Web Interface - Version 1.0.3. (Heckert) • Implemented last items from end-to-end testing, adding rules for recently delivered PGEs: 4.1-4.0P2,3, 11.7P1, 1.4P3, and delivering PRDB updates Version 1.0.4. (Grune, Coleman) • Preparing test cases for above 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) • The SARB and Inversion sites were copied from asd-www to earth-www. Modifications were made to incorporate the new directory structure and security code. Working with Ben to get new sites visible via test-earth-www. (Kizer) • Re-registered additional CERES sites via STRAW. Once URL changes are finalized, more sites will be registered. (Kizer)
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> • Working on Clouds validation tool. (Chu) • Fixed bugs on CERES ordering tool. (Chu) • Worked on the file format for GGEO_merged product. (Chu) • Prepared for a new release (2.3.6.4) on production machines. (Chu & Mitrescu) • Made a proof-of-concept demonstration on visualizing 3Hourly data using HDF files from DPO. (Mitrescu) • Started work on Monthly 3Hourly data. (Mitrescu) • Generated Ed2.7 EBAF-TOA (with Anomaly and Differences) for QC purposes on subset8. (Mitrescu) • Helped with DPC for EBAF Ed2.7. (Mitrescu)

Table 6. January 9, 2013 – NPP Issues

Activity	Status
FM5	<ul style="list-style-type: none">• Work to discover the updates that are required to fix the issue with spikes in the NPP-FM5 data has begun. (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	
CER1.4P3	N	N	N/A	SSI&T	18	SSI&T	18	SSI&T	N		
ERBE-like - 2	CER2.1P1	N	Y	16	Y	16	Y	16	Y	N	
	CER2.2P1	N	Y	15	Y	Y	Y	16	Y	N	Compile HDF with TK 15, run with TK 16
	CER2.3P1	N	Y	16	Y	16	Y	16	Y	N	
	CER2.3P2	N	Y	16	Y	16	Y	16	Y	N	
	CER2.4P1	N	Y	16	Y	16	N	N/A	Y	N	
ERBE-like - 3	CER3.1P1	N	Y	16	Y	16	Y	16	Y	N	
	CER3.2P1	N	Y	16	Y	16	Y	16	Y	N	
Clouds 4.1-4	CER4.1-4.0P2	N	Y	15	ValRx	18	N	N/A	ValRx	N	
	CER4.1-4.0P3	N	N	N/A	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	SSI&T	18	SSI&T	18	SSI&T	N	Ed2 only
	CER9.0P2	N	N	N/A	Y	16	N	N/A	Y	N	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N	N/A	Y	16	N	N/A	Y	N	ISCCP-D2like-MRG Main-processor
	CER9.0P4	N	N	N/A	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	SSI&T	18	SSI&T	18	SSI&T	N	
Regrid MOA - 12	CER12.1P1	N	Y	16	Y	16	Y	16	Y	N	Edition 2/3
	CER12.1P2	N	N	N/A	Y	16	Y	16	Y	N	Edition 4

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

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
1/9/2013	11.7P1, 9.0P1	Changed P6 and New Wrapper Status from "Devel" to "SSI&T", Changed X86 status from "N" to "SSI&T"
	4.1-4.0P2	Changed P6 and New Wrapper Status from "SSI&T" to "ValRx"
	4.1-4.0P3	New PGE added to list
	1.4P3	Changed P6, X86, and New Wrapper Status from "Devel" to "SSI&T"