

**February 20, 2013 - System Issues and Status**  
**Table 1: Process Strategy/Coleman as of 02/20/13**  
**Active Requests in order of priority as of 02/19/13**

<b>Production Request (PR)</b>	<b>Satellite</b>	<b>Production Strategy</b>	<b>Data Product (SS#)</b>	<b>PGEs</b>	<b>Data Dates</b>	<b>Special Status</b>
The PRs that follow are the Standing PRs						
M 1-09		NSIDC- NESDIS	EICE ESNOW 16 <sup>th</sup> mesh	4.1-4.0P2	Standing Request	***** 1/09/13 Soon to be replaced by PR M 3-12 after processing overlap months
M 3-12 SCCR 918		NSIDC- CLASS	EICE ESNOW	4.1-4.0P2	Standing Request	***** 1/23/13 M 3-12 to replace M 1-09 after processing overlap months
M 1-13  SCCR 943		NSIDC- AFWA- Mesh16th	ESNOW EICE	4.1-4.0P3	Standing Request	Ready  Priority Level 1
M 2-12  SCCR 867		NSIDC	SNOW (ERBE- like Edition1- CV)	2.1P1	Standing Request	
NPP 11-12, 2-11 to 4-11, 13- 12  SCCRs 911, 878, 863, 756, 867	NPP	Baseline1- QC	BDS/ ES8	1.0P2, 1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	
NPP 12-12, 3-12 to 6-12  SCCRs 911, 878, 863, 756, 770	NPP	Edition1-CV	BDS/IES/ PreS8	1.0P2, 1.1P8, 1.2P1, 1.4P1,1.4P2	Standing Request	
NPP 14-12 to 17- 12  SCCR 867	NPP	Edition1-CV	ERBELike	2.2P1 2.3P1, 2 3.1P1	Standing Request	

**Table 1: Process Strategy/Coleman as of 02/20/13  
Active Requests in order of priority as of 02/19/13**

<b>Production Request (PR)</b>	<b>Satellite</b>	<b>Production Strategy</b>	<b>Data Product (SS#)</b>	<b>PGEs</b>	<b>Data Dates</b>	<b>Special Status</b>
AM 8-11 to 10-11, AM 1-12 PM 8-11 to 10-11, 1-12 to 3-12, 16-12, 21-12  SCCRs 878, 863, 756, 867	Terra  Aqua (FM3, FM4)	Baseline1-QC	BDS/ES8	1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	
AM 12-11 to 15-11, AM 2-12 to AM 5-12 PM 12-11 to 15-11, 17-12 to 20-12, 22-12 to 25-12  SCCRs 878, 863, 756, 867	Terra  Aqua (FM3, FM4)	Edition1-CV	BDS/ERBELike (SS1-3)	1.1P8 1.2P1 1.4P1&2, 2.1P1 2.2P1 2.3P1/2 3.1P1	Standing request	
AM 1-11 to 6-11, 6-12  PM 1-11 to 6-11, PM 26-12, PM 1-12 to 7-12	Terra  Aqua (FM3, FM4)	Edition1-CV	SSF Clouds and Inversion	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2 4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request	<b>***** 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</b>
M 3-11 SCCR 920	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	
<del>M 2-11</del> M 2-12 <del>SCCR 753</del> SCCR 914	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	<b>***** 1/23/13 PR M 2-12 replaced M 2-11</b>
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						

**Table 1: Process Strategy/Coleman as of 02/20/13  
Active Requests in order of priority as of 02/19/13**

<b>Production Request (PR)</b>	<b>Satellite</b>	<b>Production Strategy</b>	<b>Data Product (SS#)</b>	<b>PGEs</b>	<b>Data Dates</b>	<b>Special Status</b>
245-12 to 247-12  SCCR 914	FM1	Edition3A	SFC	9.2P2 9.3P2 9.4P2	11/2012 – 5/2012	In Progress  Priority Level 2
242-12 to 244-12  SCCR 914	FM3	Edition3A	SFC	9.2P2 9.3P2 9.4P2	11/2012 – 5/2012	In Progress  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	In Progress  Priority Level 2
12-13 to 28-13  SCCRs 716, 863, 867	FM1, FM2 FM3, FM4	Edition3	BDS IES ES8 ES4 ES9	1.2P1, 3P3, 2.4P1, 2.2P1, 2.3P1, 2 3.1P1, 2P1	7/12 – 9/12	Complete. 2/13/13
1-13  SCCR 943		ValR1-P6- AFWA- Mesh16th	ESNOW EICE	4.1-4.0P3	12/12	Complete. 2/15/13
<b>**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed pre-op testing and been promoted to the production environment ****</b>						
To be written  SCCR 693	Terra  Aqua	Edition1-CV	SSFi Clouds	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2	Standing Request	Hold –Pending Input  Priority Level 2
248-12 to 249-12  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

**Table 1: Process Strategy/Coleman as of 02/20/13  
Active Requests in order of priority as of 02/19/13**

<b>Production Request (PR)</b>	<b>Satellite</b>	<b>Production Strategy</b>	<b>Data Product (SS#)</b>	<b>PGEs</b>	<b>Data Dates</b>	<b>Special Status</b>
To be written  SCCR 913	FM1, FM2, FM3, FM4	Edition1-CV	SSF	4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request beginning 2/28/13	Hold –Pending Input  Priority Level 2

**Table 2. February 20, 2013 - System Issues and Status**

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> <li>• Nothing to report. (Miller)</li> </ul>
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> <li>• See <a href="#">Table 3</a> for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow <a href="#">Table 3</a>. (Ayers)</li> <li>• SCCR 933 - Re-released the PR Database/Web Interface delivery on February 8, 15, and 19. (Ayers)</li> <li>• SCCR 915 - Formatted the updated TISA Gridding Test Plan, posted it on the Web, and provided it to the ASDC. (Saunders)</li> <li>• SCCR 915 - Installed, compiled, and tested TISA Gridding PGE CER9.0P1 on <i>AMI-P-P6</i> and <i>AMI-P-x86</i>, and released it to the ASDC on February 8. (Ayers)</li> <li>• SCCR 916 - Formatted the updated GGEO Test Plan, posted it on the Web, and provided it to the ASDC. (Saunders)</li> <li>• SCCR 916 - Installed, compiled, and tested GGEO PGE CER11.7P1 on <i>AMI-P-P6</i> and <i>AMI-P-x86</i>, and released it to the ASDC on February 8. (Ayers)</li> <li>• SCCR 948 - Installed and tested this Inversion delta delivery on <i>AMI-P</i>, and released it to the ASDC on February 8. (Ayers)</li> <li>• SCCR 950 - Installed and tested this Clouds delta delivery on <i>AMI-P</i>, and released it to the ASDC on February 13. (Ayers)</li> <li>• SCCR 949 - Installed this Instantaneous SARB delta delivery on <i>AMI-P</i>, and released it to the ASDC on February 15. (Ayers)</li> <li>• SCCR 938 - Testing this Synoptic SARB delivery. (Ayers)</li> <li>• Created the final tar files for three deliveries and stored them in the CM code repository on <i>AMI</i>. (Saunders)</li> </ul>
<i>AMI</i> Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> <li>• Assisting subsystems with the job submission scripts for upcoming deliveries as necessary. (Grepitotis, Hillyer)</li> </ul>

**Table 3. SCCR Activity February 5 at 11:30 a.m. – February 20 at 11:00 a.m.**

<b>SCCR</b>	<b>S</b>	<b>U</b>	<b>A</b>	<b>C</b>	<b>D</b>	<b>SS</b>	<b>Page No.</b>	<b>Comments</b>
933		X				PR_Database	7	
947			X			Clouds		
948			X	X		Inversion		
949	X	X	X	X		Instantaneous SARB	8	
950	X		X	X		Clouds	10	
951	X	X				Perl_Lib	11	
952	X					TISA Gridding	13	
953	X					TISA Averaging	14	

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

**CERES Software Configuration Change Request Submittal**

=====

Subsystem: PR\_Database                      SCCR Date: 09/19/2012                      SCCR Number: 933

.  
. .  
.

=====

ADDITIONAL CHANGES TO SCCR NO. 933:

=====

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

The specific requirements from the Requirements Doc that are addressed by this delivery are numbers 1, 2, 3, 5, 7, 8, 9, 10.

Not addressed by this delivery are numbers 4, 6, and 11.

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:

N/A

Estimated Time to Complete Change: N/A

Planned Delivery Date: N/A

List Affected Subsystems and PGE Names: N/A

Date & Time: 2013-02-14 12:51:59

Originator: COLEMAN, LISA H. (SSAI)

**CERES Software Configuration Change Request Submittal**

=====

Subsystem: SARB

SCCR Date: 02/07/2013

SCCR Number: 949

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

(Req# 5-29.0)

Delivery of MATCH ancillary data files for August 2012 to AMI.

Reason for Change (non-Science):

(Req# 5-29.0)

Requested by ASDC for operational processing.

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:

5.0P2, 7.2.1P1

Estimated Time to Complete Change: 1 day

Planned Delivery Date: February 12, 2013

List Affected Subsystems and PGE Names: SARB SAH processor and Synoptic SARB

Originator: CALDWELL, THOMAS E. (SSAI)

=====

ADDITIONAL CHANGES TO SCCR NO. 949:

=====

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

(Req# 5-29.0)

Delivery will include MATCH files for Aug 2012 through Dec 2012.

Reason for Change (non-Science):

(Req# 5-29.0)

Files were made available during Aug 2012 data request

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:

5.0P2, 7.2.1P1

Estimated Time to Complete Change: 1 hour

Planned Delivery Date: February 15, 2013

List Affected Subsystems and PGE Names: SARB SAH processor and Synoptic SARB

Date & Time: 2013-02-15 12:50:58

Originator: CALDWELL, THOMAS E. (SSAI)

## CERES Software Configuration Change Request Submittal

=====

Subsystem: Clouds                      SCCR Date & TIME: 2013-02-13 10:13:33                      SCCR No.: 950

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Moved GRIB file conversion to run script from PCF generator to ensure it is created in the correct platform (for p6 instead of x86) (Req. number 4-18)

Reason for Change (non-Science):

To ensure it is created in the correct platform (for p6 instead of x86).

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 on Feb 13, 2013

Planned Delivery Date: Feb 13, 2013

List Affected Subsystems and PGE Names: N/A

Originator: SMITH, RITA A. (SSAI)

**CERES Software Configuration Change Request Submittal**

=====

Subsystem: Perl\_Lib                      SCCR Date & TIME: 2013-02-16 17:31:12                      SCCR No.: 951

Parameter Change: ( ) YES (X) NO

Description of Change (Science):  
N/A

Reason for Change (Science):  
N/A

Description of Change (non-Science):  
Adding IPC mechanism to pass along AJSS SGE jobs to CATALYST controller for centralized DRMAA-based control. Fixing CERES::AJSS\_PGE to properly return 'JSS' class exit codes to caller. Adding check to detect and fail on improperly set \$CPUTYPE environment variable.

Reason for Change (non-Science):  
Needed to support CATALYST Build I delivery.

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: ~2 days  
Planned Delivery Date: 2/19/2013  
List Affected Subsystems and PGE Names: AMI PGEs

Originator: HILLYER, THOMAS N. (SSAI)

=====

ADDITIONAL CHANGES TO SCCR NO. 951:

=====

Parameter Change: ( ) YES (X) NO

Description of Change (Science):  
N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Adding Data::Serializer library from CPAN to Perl\_Lib.

Reason for Change (non-Science):

Library is needed to serialize grid engine job data from Perl 5.10 PGEs to be deserialized by Perl 5.16-based CATALYST job manager.

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: Done

Planned Delivery Date: 2/19/2013

List Affected Subsystems and PGE Names: AMI PGEs

Date & Time: 2013-02-18 15:08:09

Originator: HILLYER, THOMAS N. (SSAI)

## CERES Software Configuration Change Request Submittal

=====

Subsystem: TISAGrid9.0                      SCCR Date & TIME: 2013-02-20 07:36:59                      SCCR No.: 952

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement # 9-2.20

Delta Delivery

Updated Cer9\_2P2\_FileUtils.pm to run Dec 31, 2011 hour 23 through PGE CER9.2P2.

Reason for Change (non-Science):

Requirement # 9-2.20

Delta Delivery

The update is to correct the year boundary issue where two x-track ancillary files need to be opened to check x-track mode for processing and the following hours.

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:

CER9.2P2

Estimated Time to Complete Change: Completed

Planned Delivery Date: February 20, 2013.

List Affected Subsystems and PGE Names: Subsystem 9

Originator: RAJU, RAJA (SSAI)

## CERES Software Configuration Change Request Submittal

=====

Subsystem: TISAavg7.1                      SCCR Date & TIME: 2013-02-20 09:12:48                      SCCR No.: 953

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Requirement # 7.3.13 Delta Delivery

Update the SORCE solar radiation file to add data up to February 2013.

Requirement # 7.3.14 Delta Delivery

Update the satellite ID file since there are new geostationary satellites added.

Reason for Change (Science):

Requirement # 7.3.14 Delta Delivery

Error occurred during processing since the new satellite ID was not defined.

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:

CER7.3P1

Estimated Time to Complete Change: 1 day

Planned Delivery Date: February 20, 2013

List Affected Subsystems and PGE Names: CER8.1P1

Originator: NGUYEN, CATHY (SSAI)

**Table 4. February 20, 2013 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>Nothing new to report. (Hillyer)</li> </ul>	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>Nothing new to report. (Hillyer)</li> </ul>	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>SCCR 951 - Working on updates to support CATALYST delivery. (Hillyer)</li> </ul>	
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>SCCR 937 - Integrating, debugging, and testing Build 1 delivery. (Hillyer, Wilkins)</li> </ul>	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>Work to update CER1.1P8 to properly handle the spikes being seen in the NPP-FM5 data continues. These updates will be delivered and a possible reprocessing of NPP-FM5 Edition1-CV may be requested. (Timcoe)</li> <li>Work continues to update the TRMM simulated IES software (CER1.0P1) to meet the existing standards. The software compiles; however, it fails to run with a segmentation fault when writing out the IES data products. Looking into what is causing the issue. It may be that changes are needed to the HDF calls, as this was written in 2000. (Cooper)</li> <li>Norman Loeb has made a request that may require that an Edition4 BDS be created. Waiting to get confirmation from Kory Priestley before creating an SCCR and updating PGE CER1.4P3. (Cooper, Grepitotis, Timcoe)</li> </ul>	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>SCCR 933 - Performed spot checks on Instrument (with Denise input) and ERBE-like SPRs (one of each PGE except 1.4P1/2) imported into the database. Reported on migration issues found (i.e., Comments/Purpose columns, PRES8/SNOW end dates) to Lisa, Carla, and Liz. Following webinterface_V1.0.5 release by CM, went over latest Action Items (AI_PRWB_20130213.xls) with Lisa. (Lande)</li> <li>Reviewed, analyzed (i.e., via DPO), and finalized Meka's updated ES8/9/4 Description Abstracts, her Level2 ES8 table, and Michelle Cook's Ed3 ES8 product release statement. Reported on missing Ed3 data to the ASDC, and monitored Ed3 progress in</li> </ul>	

**Table 4. February 20, 2013 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
2.0 (Cont'd)	Walikainen (Lande)	<p>production. Worked with Angel to resolve failure of CER2.2P1 wrapper in verification phase (expected EID6 output not found) following FM4 Ed3 runs for filling in the five missing days in Dec '03. Sent report to the ASDC, including request to process missing Aqua month 200303 (Ed3 DQCG file needed for Tak's ES4/9 DQS analysis). Also found incorrect use of env't variables CC2_1 (set to 300300 for 2.3P2 FM3 Ed3 201207 PR 26-13) and PS2 (set to Edition3 for 2.2P1 FM4 201207-09 PR 29-13): the first one resolved PGE Failure Form #2469 while the second was re-run correctly. Found missing Aqua EID6s (the 5 for 200312) and CXDRs (not used by 3.1P1 for 200303) in both DPO and prod, later fixed, and after DPO checks informed Lisa all Ed3 PRs archived successfully. (Lande)</p> <ul style="list-style-type: none"> <li>• Created more candidate FM3 Edition3 SCCs where we are examining gray scale changes to the TOT channel. (Walikainen)</li> <li>• Verified that the FM5 window spikes produce ES8N fill values in all three filtered channels on 1/28/13 (16:41:07.41) and 2/3/13 (21:33:29.11). (Walikainen)</li> </ul>	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Completed delivery of 4.1-4.0P3 with wgrib conversion corrections. (Smith)</li> <li>• Completed testing and redelivery of 4.1P6, 4.2P4, 4.2P5, and 4.3P3 with new code. (Smith)</li> <li>• Processing Terra Edition4 SSF global images for 200406 through 200412 and Aqua Edition 4 SSF global images from 200407 through 200503. (R. Brown)</li> <li>• Modified call to DX in Edition 4 code to point to new net file for Edition 4 processing. Began rerunning Aqua and Terra Edition4 global images to correct North and South pole images (R. Brown)</li> <li>• Generated stats and global images of cloud height differences between six Lapse Rate algorithms and CALIPSO for Lapse Rate Paper. (Chen)</li> </ul>	

**Table 4. February 20, 2013 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Created clear sky overhead albedo directional models for 0.8 of snow free and snow cover with Bob's and Gang's Models by processing 2007 Terra CloudVis data. Global images and igbp averages for monthly and seasonally are posted on the CWG Website. (Chen)</li> <li>• Did the Snow/Ice map comparison between ValR1-P6-AFWA-Mesh16th and NSIDC-NESDIS-Mesh16th for 4.0P3. (Chen)</li> <li>• Tested IBMdx global tool's new functions. (Chen)</li> <li>• Tested Cloud Validation Tool. (Chen)</li> <li>• Continuing work on the CERES PR Tool. Released version 1.0.5 to preproduction for testing. (Heckert)</li> <li>• Continuing development of the SCCR Dashboard tool. (Heckert)</li> <li>• Added zoom in and out functions in IBMdx GlobalMap package. (Gibson)</li> <li>• Added flexible window size function in IBMdx GlobalMap package. (Gibson)</li> <li>• Worked on 4.0P3 wgrib issue with the team members and the ASDC folks. (Sun-Mack)</li> <li>• Worked on 4.1P6 beta2 with team members regarding implementation, validation, and delivery. (Sun-Mack)</li> <li>• Worked on lapse rate paper. (Sun-Mack)</li> <li>• Helped personnel on GEO clouds with clear sky, corrk. (Sun-Mack)</li> <li>• Participated in discussions and development of cloud retrieval over snow sfc. (Sun-Mack)</li> </ul>	
4.2	Sun-Mack	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.3	Sun-Mack	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.4	Miller (Antropov)	<ul style="list-style-type: none"> <li>• Supported SARB in merging additional functionality in MODIS albedo read and weight program. (Antropov)</li> <li>• Adding attributes for SSF variables in HDF5 file. (Antropov)</li> </ul>	
4.5	Sothcott	<ul style="list-style-type: none"> <li>• Updated the subset code to include several additional variables and reprocessed all the Edition4-Beta1 data offline to create new subsets for analysis. (Sothcott)</li> </ul>	

**Table 4. February 20, 2013 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.5 (Cont'd)	Sothcott	<ul style="list-style-type: none"> <li>• Install the updated SW Model B algorithm for testing into the software and processed four seasonal months for analysis. (Sothcott)</li> <li>• SCCR 948 - Completed and tested the script updates and delivered them to CM. (Sothcott)</li> </ul>	
4.6	Sothcott	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• SCCR 949 - Delivered MATCH files for August 2012 to December 2012 to the ASDC. (Caldwell)</li> <li>• Continuing to work on Edition4 CRS1Deg monthly averaging software. (Caldwell)</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Nothing new to report. (Caldwell)</li> </ul>	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Nothing new to report. (Caldwell)</li> </ul>	
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> <li>• Read Forrest Wrenn's new coefficient data and created the matched GGEO/CERES data for his AMS abstract. (Nguyen)</li> </ul>	
8.0	Nguyen (Keyes)	<ul style="list-style-type: none"> <li>• Ran November through December 2007 for three SYNI cases. (Nguyen)</li> </ul>	
10.0	Nguyen (Keyes)	<ul style="list-style-type: none"> <li>• SCCR 940 - Continued making changes to the code to support output in netCDF format. (Keyes)</li> <li>• Finished cleaning geostationary McIDAS images for GOES-13, 2012, months 07-12 and for GOES-14, 2012, months 09-10. (Keyes)</li> <li>• Wrote a program that analyzes the contents of the monthly McIDAS directories in the ASDC archive and identifies hours that GEO images are missing in order to catch large time gaps and have those times reprocessed before that month is run through the GGEO code. (Keyes)</li> <li>• SCCR 934 - Continue searching for the cause of the solar incoming difference when comparing with Lite data. (Nguyen)</li> <li>• Completed cleaning July through October 2012 MET-7 satellite images. (Nguyen)</li> </ul>	

**Table 4. February 20, 2013 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
10.0 (Cont'd)	Nguyen (Keyes)	<ul style="list-style-type: none"> <li>Practiced running 201206 GGEO to prepare to run July through October 2012 GGEO. Produced June 2012 and then ran SYN to compare the new and old GGEO. The result of the comparison is not matched for all five satellites. (Nguyen)</li> </ul>	
6.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> <li>No new updates. (Raju)</li> </ul>	
9.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> <li>December 2011 day 31 hour 23 production run was failed for PGE 9.2P2. This is due to year boundary issue where two x-track ancillary files need to be checked (processing hour and the following hour). This scenario was not discussed previously by TISA working group. Updated Get_input function in Cer9_2P2_FileUtils.pm script and re-initialized date variable to fix the problem. Script was tested successfully. (Thomas Grepiotis) .</li> </ul>	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> <li>PGE 11.1P10 code was updated to process G-14 satellite which replaced G-13 temporarily during September/October 2012 months. Received new coefficients from TISA Science. Processed July 2012 – October 2012 to provide inputs to averaging. (Raju)</li> </ul>	

**Table 5. February 20, 2013 – DM Tasks**

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> <li>• Prepared and presented the PRDB Web Interface IRR material. (Coleman, Grune, Heckert)</li> <li>• Delivered version WB 1.0.5 of the Web Interface, and included AI list as per RFA. (Heckert)</li> <li>• Delivered version DB 1.0.6 of the PRDB. (Grune)</li> <li>• Worked out procedure for synchronizing PPE version of PRDB with Production version, as per RFA. (Grune, Wilson)</li> </ul>
CERES Websites (Kizer)	<ul style="list-style-type: none"> <li>• The ERBEWEB pages were scanned reporting no high vulnerabilities, and several mediums. Most of the issues were fixed, minus some we are contacting the OCIO for guidance. (Kizer)</li> <li>• Updated the CONVOL site for security and standardized headers and footers. Several issues were found and reported to the site owner for possible fixes. (Kizer)</li> <li>• Updated the links to ES8 Data Quality Summaries with the release of the new Terra and Aqua Edition3 dataset. (Kizer)</li> <li>• Updated the links to FLASHFlux TISA and SSF Data Quality Summaries as these pages at the ASDC have been moved. (Kizer)</li> <li>• Began researching GOOGLE’s micRo data schemas for better describing Web pages to search engines. (Kizer)</li> </ul>
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> <li>• Completed Clouds Validation Tool and Clouds group is testing it. (Chu)</li> <li>• Working on GGEO Composed. (Chu)</li> <li>• Continue work on a c++ hdf-&gt;netCDF subsetter. (Mitrescu)</li> <li>• Start work on creating command and specification files for hdf-&gt;netCDF subsetter. (Mitrescu)</li> </ul>

**Table 6. February 20, 2013 – NPP Issues**

Activity	Status
FM5	<ul style="list-style-type: none"><li>• Working on PGE CER1.1P8 to fix the spikes being seen in the NPP-FM5 data. (Timcoe)</li></ul>

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)		
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) <sup>7</sup>	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	Comments
Instrument - 1	CER1.0P1	N	N	N/A	N	N/A	N	N/A	n/a	n/a	Will comply with all the latest whenever delivered
	CER1.0P2	N	N	N/A	Y	16	Y	16	Y	N	C++ RDR Pre-Processor
	CER1.1P8	N	N	N/A	Y	16	Y	16	Y	N	C++ NPP, Terra, Aqua
	CER1.2P1	N	N	N/A	Y	16	Y	16	Y	N	C code, NPP capable.
	CER1.3P3	N	N	N/A	N	N/A	Y	16	Y	n/a	Replace with CER1.4P3 on P6
	CER1.4P1	N	N	N/A	Y	16	Y	16	Y	N	
	CER1.4P2	N	N	N/A	Y	16	Y	16	Y	N	
ERBE-like - 2	CER1.4P3	N	N	N/A	Y	18	Y	18	Y	N	
	CER2.1P1	N	Y	16	Y	16	Y	16	Y	N	
	CER2.2P1	N	Y	15	Y	Y	Y	16	Y	N	Compile HDF with TK 15, run with TK 16
	CER2.3P1	N	Y	16	Y	16	Y	16	Y	N	
ERBE-like - 3	CER2.3P2	N	Y	16	Y	16	Y	16	Y	N	
	CER2.4P1	N	Y	16	Y	16	N	N/A	Y	N	
Clouds 4.1-4	CER3.1P1	N	Y	16	Y	16	Y	16	Y	N	
	CER3.2P1	N	Y	16	Y	16	Y	16	Y	N	
	CER4.1-4.0P2	N	Y	15	Y	18	N	N/A	Y	N	
	CER4.1-4.0P3	N	N	N/A	Y	18	N	N/A	Y	N	
	CER4.1-4.1P4	N	Y	16	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.1P5	N	Y	16	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.1P6	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P2	N	Y	15	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.2P3	N	Y	15	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.2P4	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P5	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
CER4.1-4.3P2	N	Y	15	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV	
CER4.1-4.3P3	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future	

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							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) <sup>7</sup>	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	
Inversion/SOF A 4.5-6	CER4.5-6.1P2	N	Y	16	Y	18	Y	18	Y	N	Ed2 Terra Main
	CER4.5-6.1P3	N	Y	16	Y	18	Y	18	Y	N	Ed2 Aqua Main
	CER4.5-6.1P4	N	N	N/A	Y	16	N	N/A	Y	Devel	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	N	N/A	Y	16	N	N/A	Y	Devel	Aqua Main Ed4 version of 1P3
	CER4.5-6.2P2	N	Y	16	Y	18	Y	18	Y	N	Ed2/Ed3 subsetter
	CER4.5-6.2P3	N	N	N/A	Y	16	N	N/A	Y	Devel	Subset postproc for Terra and Aqua (Ed4 version of 2P2)
	CER4.5-6.2P4	N	Y	16	Y	18	Y	18	Y	N	Ed3 daily post-processor
	CER4.5-6.4P1	N	Y	16	Y	18	Y	18	Y	N	Edition2 to <i>magneto</i>
	CER4.5-6.4P2	N	N	N/A	Y	16	N	N/A	Y	Devel	Monthly validation site (Ed4 for 4P1)
CER4.5-6.5P4	N	Y	16	Y	18	Y	18	Y	N	IES-SSF Terra New PGE, Ed2 format	
CER4.5-6.5P5	N	Y	16	Y	18	Y	18	Y	N	IES-SSF Aqua New PGE, Ed2 format	
SARB - 5	CER5.0P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.0P2	N	Y	15	Y	18	Y	18	Y	N	Ed2/Ed3
	CER5.1P1	N	Y	16	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.1P2	N	ValRx	16	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.1P3	N	N	N/A	Devel	16	Devel	16	N	N	New PGE - Edition4 Main for Terra and Aqua
	CER5.4P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
CER5.4P2	N	Y	16	N	N/A	N	N/A	n/a	n/a	Ed2 only	
TISA Grid - 6	CER6.1P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER6.2P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER6.3P1	N	Y	15	N	N/A	N	N	n/a	n/a	Ed2 only
TISA Avg - 7.1	CER7.3.1P1	N	Y	16	Y	16	N	N/A	Y	N	New PGE for Edition3
SARB - 7.2	CER7.2.1P1	N	Y	16	N	N/A	Y	16	Y	N	P4 only Ed2 for now, X86 for Ed2 and Ed3

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)		
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) <sup>7</sup>	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	Comments
TISA Avg - 8	CER8.1P1	N	Y	15	Y	16	N	N/A	Y	N	Migrate to AMI for Ed3
TISA Grid - 9	CER9.0P1	N	Y	15	SSI&T	18	SSI&T	18	SSI&T	N	Ed2 only
	CER9.0P2	N	N	N/A	Y	16	N	N/A	Y	N	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N	N/A	Y	16	N	N/A	Y	N	ISCCP-D2like-MRG Main-processor
	CER9.0P4	N	N	N/A	Devel	18	N	N/A	Devel	N	
	CER9.0P5	N	N	N/A	Devel	18	N	N/A	Devel	N	
	CER9.1P1	N	Y	15	Y	18	N	N/A	Y	N	
	CER9.2P2	N	Y	16	Y	18	N	N/A	Y	N	PGE for Edition3
	CER9.2P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
	CER9.3P2	N	Y	16	Y	18	N	N/A	Y	N	PGE for Edition3
	CER9.3P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
TISA Avg - 10	CER9.4P2	N	Y	16	Y	18	N	N/A	Y	N	PGE for Edition3
	CER9.4P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
GGEO - 11	CER10.0P3	N	Y	16	Y	16	N	N/A	Y	N	PGE for Edition3
	CER10.0P4	N	N	N/A	Devel	18	Devel	18	N	N	Edition3A, Non-GEO
Regrid MOA - 12	CER11.1P10	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.2P2	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.4P1	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.6P1	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.7P1	N	Y	16	SSI&T	18	SSI&T	18	SSI&T	N	
Regrid MOA - 12	CER12.1P1	N	Y	16	Y	16	Y	16	Y	N	Edition 2/3
	CER12.1P2	N	N	N/A	Y	16	Y	16	Y	N	Edition 4

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

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
1/9/2013	11.7P1, 9.0P1	Changed P6 and New Wrapper Status from "Devel" to "SSI&T", Changed X86 status from "N" to "SSI&T"
	4.1-4.0P2	Changed P6 and New Wrapper Status from "SSI&T" to "ValRx"
	4.1-4.0P3	New PGE added to list
	1.4P3	Changed P6, X86, and New Wrapper Status from "Devel" to "SSI&T"
1/23/2013	4.1-4.0P2	Changed P6 and New Wrapper Status from "ValRx" to "Y"
	9.2P2,3,4	Changed P6 and New Wrapper Status from "ValRx" to "Y"
2/6/2013	1.4P3, 4.5-6.1P2,3, 4.5-6.2P2	Changed P6, X86 and New Wrapper Status from "SSI&T" to "ValRx"
	4.1-4.0P3	Changed P6 and New Wrapper Status from "SSI&T" to "ValRx"
2/20/2013	4.1-4.0P3	Changed P6 and New Wrapper Status from "ValRx" to "Y"
	1.4P3, 4.5-6.1P2,3, 4.5-6.2P2	Changed P6, X86, and New Wrapper Status from "ValRx" to "Y"