

**March 20, 2013 - System Issues and Status**  
**Table 1: Process Strategy/Coleman as of 03/20/13**  
**Active Requests in order of priority as of 03/20/13**

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		<del>NSIDC- NESDIS</del>	<del>EICE</del> ESNOW 16 <sup>th</sup> -mesh	4.1-4.0P2	Standing Request	<del>***** 1/09/13</del> <b>Soon to be replaced by PR M 3-12 after processing overlap months</b>
M 3-12 SCCR 918		NSIDC- CLASS	EICE ESNOW	4.1-4.0P2	Standing Request	*** NEW
M 1-13  SCCR 943		NSIDC- AFWA- Mesh16th	ESNOW EICE	4.1-4.0P3	Standing Request	*** NEW
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	Upcoming Replacements: NPP 84-13 NPP 88-13 NPP 91-13
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	Upcoming Replacements: NPP 92-13 NPP 93-13 NPP 94-13 NPP 95-13

**Table 1: Process Strategy/Coleman as of 03/20/13**  
**Active Requests in order of priority as of 03/20/13**

<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>
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	Upcoming Replacements: AM 81-13 AM 85-13 AM 89-13 PM 82-13 PM 87-13 PM 90-13 PM 83-13
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	Upcoming Replacements: AM 108-13 AM 111-13 AM 133-13  PM 110-13 PM 112-13 PM 113-13 PM 134-13 PM 135-13
<del>AM 1-11 to 6-11, 6-12</del>  <del>PM 1-11 to 6-11, PM 26-12, PM 1-12 to 7-12</del>	<del>Terra</del>  <del>Aqua (FM3, FM4)</del>	<del>Edition1-CV</del>	<del>SSF</del> <del>Clouds and Inversion</del>	<del>4.1 4.1P4/5</del> <del>4.1 4.2P2/3</del> <del>4.1 4.3P2</del> <del>4.5 6.1P2/3</del> <del>4.5 6.2P2</del> <del>4.5 6.4P1</del>	<del>Standing Request</del>	<del>***** 1/09/13</del>  <del>Soon to be replaced by new PRs to use the snow and ice produced by PRs M 3-12 and M 1-13</del>

**Table 1: Process Strategy/Coleman as of 03/20/13**  
**Active Requests in order of priority as of 03/20/13**

<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 136-13 – AM 139-13  PM 140-13 – PM 143-13  SCCR 693	Terra  Aqua	Edition1-CV	SSFi Clouds	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2	12/31/2013 forward	*** <b>NEW – 3/19/13</b>
AM 144-13 – AM 146-13  PM 147-13 - PM 152-13  SCCR 913	FM1, FM2, FM3, FM4	Edition1-CV	SSF	4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	12/31/2013 forward	*** <b>NEW – 3/19/13</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</b> <b>PR M 2-12</b> <b>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						
39-13 – 41-13  SCCR 939	FM1	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	7/2012 – 9/2012	Ready  Priority Level 2
36-13 – 38-13  SCCR 939	FM3	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	7/2012 – 9/2012	Ready  Priority Level 2
42-13 – 47-13  SCCR 914	Terra, Aqua	Edition3A	SFC	9.2P2 9.3P2 9.4P2	7/2012 – 9/2012	Ready  Priority Level 2

**Table 1: Process Strategy/Coleman as of 03/20/13**  
**Active Requests in order of priority as of 03/20/13**

<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>
50-13  SCCR 917	Terra	Edition3A	SAH	5.0P2	7/2012 – 9/2012	Ready  Priority Level 2
51-13  SCCR 917	Aqua	Edition3A	SAH	5.0P2	7/2012 – 9/2012	Ready  Priority Level 2
48-13  SCCR 801	Terra+ Aqua	Edition3A	Pre-TSI	10.0P3	6/12 – 8/12	Ready  Priority Level 2
49-13  SCCR 801	Terra+ Aqua	Edition3A	TSI	7.3.1P1	6/12 – 8/12	Ready  Priority Level 2
2-13, 4-13, 5-13, 30-13  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
32-13 242-12 to <del>244-12</del> 243-12  SCCRs 914, 952	FM3	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/31/12 hr 23	Complete. 3/19/13
31-13 245-12 to <del>247-12</del> 246-12  SCCRs 914, 952	FM1	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/31/12 hr 23	Complete. 3/19/13
<del>248-12 to 249-12</del> 33-13, 34-13  SCCR 916		ValR1-P6 ValR1-X86	ISCCP- D2like- GEO	11.7P1	2/2010	Complete. 3/8/13

**Table 1: Process Strategy/Coleman as of 03/20/13**  
**Active Requests in order of priority as of 03/20/13**

<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 on HOLD. They cannot be processed until the PGEs have completed pre-op testing and been promoted to the production environment ****						
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
104-13, 105-13  SCCR 915	FM1, FM2	Edition3A	ISCCP-D2like-Day/Nit	9.0P1	3/2000 – 9/2012	Hold –Pending Promotion  Priority Level 2
106-13, 107-13  SCCR 915	FM3, FM4	Edition3A	ISCCP-D2like-Day/Nit	9.0P1	7/2002 – 9/2012	Hold –Pending Promotion  Priority Level 2
96-13  SCCR 916		Edition2A	ISCCP-D2like-GEO	11.7P1	3/1/10 – 6/30/12	Hold –Pending ValRx  Priority Level 2
60-13 to 75-13  SCCR 947	Terra, Aqua	ValR2-Beta2-Ed4	SSFi	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	7/2006 1/2007	Hold – Pending Promotion  Priority Level 2
114-13 to 125-13  SCCR 814	FM1 FM2 FM3 FM4	ValR2-Beta2-Ed4	SSF	4.5-6.1P4 4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	7/2006 1/2007	Hold – Pending Promotion  Priority Level 2
52-13 to 55-13  SCCR 947	Terra	Beta2-Ed4	SSFi	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	3/2000 – 5/2005 7/2002- 3/2005	Hold – Pending Promotion  Priority Level 2
126-13 to 128-13  SCCR 947	FM1 FM2	Beta2-Ed4	SSF	4.5-6.1P4 4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	3/2000 – 5/2005 7/2002- 3/2005	Hold – Pending Promotion  Priority Level 2

**Table 1: Process Strategy/Coleman as of 03/20/13**  
**Active Requests in order of priority as of 03/20/13**

<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>
56-13 to 19-13  SCCR 947	Aqua	Beta2-Ed4	SSFi	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	3/2000 – 5/2005 7/2002- 3/2005	Hold – Pending Promotion  Priority Level 2
129-13 to 131-13  SCCR 947	FM3 FM4	Beta2-Ed4	SSF	4.5-6.1P4 4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	3/2000 – 5/2005 7/2002- 3/2005	Hold – Pending Promotion  Priority Level 2
76-13 to 80-13  SCCR 956	FM1 FM2 FM3 FM4	ValR1956		1.1P8	12/1/12 – 12/31/12	Hold – Pending Delivery
98-13 to 100-13  SCCR 956	FM1 FM2 FM3 FM4	ValR1956-Ed3-P6		1.4P3	5/31/12 – 7/1/12	Hold – Pending Delivery
101-13 – 103-13  SCCR 956	FM1 FM2 FM3 FM4	ValR1956-Ed3-X86		1.4P3	5/31/12 – 7/1/12	Hold – Pending Delivery
153-13 – 155-13  SCCR 956	FM1 FM2 FM3 FM4	ValR1956-Ed4-P6		1.4P3	5/31/12 – 7/1/12	Hold – Pending Delivery
156-13 – 158-13  SCCR 956	FM1 FM2 FM3 FM4	ValR1956-Ed4-X86		1.4P3	5/31/12 – 7/1/12	Hold – Pending Delivery

**Table 2. March 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 915 – Formatted the updated TISA Gridding Operator’s Manual, posted it on the Web, and provided it to the ASDC. This was done in response to DPR 90. (Saunders)</li> <li>Provided the updated Promoted Directories document to the ASDC. (Ayers)</li> <li>SCCR 937 – Formatted the updated CATALYST Test Plan and Operator’s Manual, posted them on the Web, and provided them to the ASDC. (Saunders)</li> <li>SCCR 951 – Released Perl_Lib to the ASDC on March 12. (Ayers)</li> <li>SCCR 937 – Finished testing the CATALYST delivery and released it to the ASDC on March 12. (Ayers)</li> <li>Participated in a demonstration of the CATALYST server and Operator’s Console to the SIT team and ASDC operators. (Ayers)</li> <li>Created a new Web page, CATALYST Home Page (<a href="http://ceres.larc.nasa.gov/Internal/intern_docs_catalyst.php">http://ceres.larc.nasa.gov/Internal/intern_docs_catalyst.php</a>), and posted both zipped and tarred files of the Operator’s Console. (Saunders)</li> <li>SCCR 934 – In CM queue.</li> </ul>
AMI 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)</li> </ul>

**Table 3. SCCR Activity March 6 at 9:00 a.m. – March 19 at 10:00 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>
915				X		TISA Gridding		
954		X	X		X	Instrument		
955		X	X		X	Instrument		
956	X	X				Instrument	9	
957	X	X			X	Synoptic SARB		
958	X					PR_Database	11	
959	X					Inversion	12	
960	X					Clouds	13	
961	X					TISA Gridding	14	

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

## CERES Software Configuration Change Request Submittal

=====

Subsystem: Instrument

SCCR Date: 03/08/2013

SCCR Number: 956

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Req. 1-60: Update CER1.1P8 to fix the issue seen for NPP-FM5 where scans are not getting properly drift corrected. This will require reprocessing of all existing NPP-FM5 Edition1-CV data thru Instrument and ERBE-Like.

Req. 1-61: Update PGE CER1.4P3 to handle Edition4 by not doing the daily gain interpolation. Simply read and use one gain for the entire month of processing.

Reason for Change (Science):

Req. 1-60: The NPP-FM5 instrument is showing a higher rate of drift than the other CERES instruments. Since it is at a higher altitude, the team suspects this is the cause of the higher drift rate. During certain scans the SW channel is drifting to zero.

This causes a DAC Update, which appears to be handled incorrectly and thus allows data that should be ignored to be included in the drift corrected counts. This then causes an issue with updated gain calculations in certain circumstances and a spike in the data is seen, which causes the calculated gain to be incorrect.

Req. 1-61: Norman Loeb has asked that for Edition4 processing that no daily gain interpolation be done to provide a consistent gain for each day of the month.

Description of Change (non-Science):

Req. 1-61: Update the scripts to handle Edition4 as an option.

Reason for Change (non-Science):

Req. 1-61: Norman Loeb has asked that Instrument create an Edition4 data product. In order to do this the scripts must be updated to handle an input to allow Edition4 processing. This will also add a new parameter to the PCF file to show which edition is being processed, since Edition4 will be using a single gain for the entire month, and Edition2/3 will use daily interpolated gains.

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: CER1.1P8, CER1.4P3

Estimated Time to Complete Change: 2 weeks

Planned Delivery Date: Mar. 22, 2013

List Affected Subsystems and PGE Names: Instrument CER1.1P8, CER1.4P3

Date: 03/08/2013      Status: Submitted

Originator: COOPER, DENISE L. (SSAI)

=====

ADDITIONAL CHANGES TO SCCR NO. 956:

=====

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Reqt. 1-62: Update the IC\_Gnd\_Ref\_Data file to include the correct launch date for NPP-FM5, for CER1.4P2.

Reason for Change (non-Science):

Reqt. 1-62: During testing of CER1.1P8 NPP-FM5 updates a problem was discovered with the NPP-FM5 gain values. An incorrect file was being used for testing, however, once the file was updated, the incorrect NPP-FM5 launch date was discovered and needed to be updated to correctly report the number of elapsed days of the mission.

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: CER1.4P2

Estimated Time to Complete Change: 1 hr

Planned Delivery Date: Mar. 22, 2013

List Affected Subsystems and PGE Names: Instrument CER1.4P2

Date & Time: 2013-03-11 10:50:06

Originator: COOPER, DENISE L. (SSAI)

## CERES Software Configuration Change Request Submittal

=====

Subsystem: PR\_Database      SCCR Date & TIME: 2013-03-08 11:24:23      SCCR No.: 958

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

\* For PGE 7.2.1P1, change the name of the ESNOW input product CC variable name from CC4\_0 to CC4\_0P1.

\* This change will be made using the restricted access Admin Tool included with the PRDB Web Interface.

\* The new version of the database will be DB 1.1.0.

Reason for Change (non-Science):

With the delivery of PGE 7.2.1P1 associated with SCCR 938, the name of this variable was changed in order to be consistent with the name used by the parent PGE that generates the ESNOW product.

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and

Description of Parameter Change:

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

N/A

Estimated Time to Complete Change: 1 day

Planned Delivery Date : Week of March 11, 2013

List Affected Subsystems and PGE Names: 7.2.1P1

Originator: COLEMAN, LISA H. (SSAI)

## CERES Software Configuration Change Request Submittal

=====

Subsystem: Inversion                      SCCR Date & TIME: 2013-03-15 16:00:32                      SCCR No.: 959

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Initial delivery of software for NPP FM-5 instrument. Req. # 4.5-47

Reason for Change (Science):

Create Inversion data for FM-5.

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:

CER4.5-6.1P6

Estimated Time to Complete Change: 3 months

Planned Delivery Date: 7/5/2013

List Affected Subsystems and PGE Names: Inversion CER4.5-6.1P6

Originator: SOTHCOTT, VICTOR E. (SSAI)

## CERES Software Configuration Change Request Submittal

=====

Subsystem: Clouds                      SCCR Date & TIME: 2013-03-18 09:46:55                      SCCR No.: 960

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Edition1 VIIRS delivery. Will finalize all the changes in the SCCR updates.

Reason for Change (Science):

Edition1 VIIRS delivery. Will finalize all the changes in the SCCR updates.

Description of Change (non-Science):

Edition1 VIIRS delivery. Will finalize all the changes in the SCCR updates.

Reason for Change (non-Science):

Edition1 VIIRS delivery. Will finalize all the changes in the SCCR updates.

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:

4 new PGEs: CER4.1-4.1P7, CER4.1-4.2P7, CER4.1-4.2P6, CER4.1-4.3P4

Estimated Time to Complete Change: 3 months

Planned Delivery Date: June 28, 2013.

List Affected Subsystems and PGE Names: N/A

Originator: SUN-MACK, SUNNY (SSAI)

## CERES Software Configuration Change Request Submittal

=====

Subsystem: TISAgid9.0                      SCCR Date & TIME: 2013-03-19 08:46:44                      SCCR No.: 961

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Requirement # 9.0-15

Modification to PGE 9.0P3 code to correct optical depth minimum value.

Reason for Change (Science):

Requirement # 9.0-15

Code is setting less than 0.0 log optical depth values to defaults that caused optical depth minimum set to 1.0 instead of 0.02.

Description of Change (non-Science):

Requirement # 9.0-16

PGEs CER9.0P2 and CER9.0P3 software delivery to continue Edition3 production process on x86.

Reason for Change (non-Science):

Requirement # 9.0-16

Part of the CERES requirement.

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:

9.0P2 & 9.0P3

Estimated Time to Complete Change: 2 weeks

Planned Delivery Date: March 29, 2013

List Affected Subsystems and PGE Names: N/A

Originator: RAJU, RAJA (SSAI)

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

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>Nothing to report. (Hillyer)</li> </ul>	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>Nothing to report. (Hillyer)</li> </ul>	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>Adding support for reverse sequencing individual LIDs in addition to globally in the PCF. (Hillyer)</li> </ul>	
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>SCCR 937 - Delivered and posted updated test plan and operator's manual. (Hillyer, Wilkins, Saunders)</li> <li>SCCR 937 - Implementing bug fixes for memory leaks identified in C/Perl binding layer for CPAN Schedule::DRMAAc module. (Hillyer)</li> <li>SCCR 937 - Implementing bug fixes for selecting appropriate cloud mask from DPO or static ancillary directory for "Generate Start Up Cloud Mask" macro in Operator's Console. (Wilkins, Hillyer)</li> </ul>	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>SCCR 956 – Combined work from SCCRs 954 and 955. This will simplify the delivery process since both PGEs being delivered require updates to the Test Plan. Completed testing of CER1.4P3; working on creating the delivery package for this PGE. One more possible update to an ancillary data file to update the spaceclamp delta for FM5 is being evaluated. Once that decision is finalized, PGE CER1.1P8 will be ready to create expected output and delivery package. Delivery will be on or before Friday. (Cooper, Grepitotis, Timcoe)</li> <li>SCCR 954 – Disapproved, combined with work from SCCR 955 into new SCCR 956. (Timcoe)</li> <li>SCCR 955 – Disapproved, combined with work from SCCR 954 into new SCCR 956. (Cooper, Grepitotis, Timcoe)</li> </ul>	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>SCCR 956 - Requested additional options (i.e., for PS, -ed, Dale's login) in PR database needed to create SCCR 956 ValRs. Wrote the ValRs (except for Ed4 portion of 1.4P3) after analysis of previous ValRs and discussions with Denise, Susan, and Lisa on PR tool capabilities, instrument/date and toolkit/platform combinations, PS/CC values, and the downstream effects/implications of 1.1P8 FM5 fixes (particularly in regards to reprocessed Ed1-CV</li> </ul>	

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

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
2.0 (Cont'd)	Walikainen (Lande)	<p>BDSs). Then wrote new SPRs for reprocessing FM5 Ed1-CV from 1.1P8 through 2.2P1 and updated all Baseline SPRs with the new CC1 value for the BDSs. Monitored subsequent PR approval progress. (Lande)</p> <ul style="list-style-type: none"> <li>• Updated tropical mean plots for the IWG Website. (Walikainen)</li> <li>• Provided analysis for new Edition4 gain algorithm. (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>• Processed QC Annual Difference files between Edition 4 and Edition 2 for Terra (2001, 2002, 2003, and 2004) and Aqua (2003 and 2004). QC global images and statistics were produced and posted on the Web. (R. Brown)</li> <li>• Working on processing QC seasonal differences between Edition 4 and Edition 2 for Terra (2001-2005) and Aqua (2002-2005). (R. Brown)</li> <li>• Continued testing clouds PGEs CER4.1-4.1P4, CER4.1-4.1P5, CER4.1-4.2P2, CER4.1-4.2P3, and CER4.1-4.3P2 on AMI, migrated from <i>magneto</i>. (Smith)</li> <li>• Began testing new PCF generator for clouds PGE CER4.1-4.1P4 on AMI. (Smith)</li> <li>• Reran all AZORES granules with new clouds PGE CER4.1-4.1P6 code. (Smith)</li> <li>• Created ValR2-Beta2Ed4 and Beta2-Ed4 PRs for clouds PGEs CER4.1-4.1P6, CER4.1-4.2P4, CER4.1-4.2P5, and CER4.1-4.3P3. (Smith)</li> <li>• Updating clouds validation scripts to compare developed data with DPO data in the /ASDC_archive/CERES. (Smith)</li> <li>• Began learning IDL GUI library. (Smith)</li> <li>• Configured home computer for VPN telework. (Smith)</li> <li>• Working with Pam Mlynczak on CERES Ordering Tool statistics data improvements. (Heckert)</li> </ul>	

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

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Production Request tool now in production; gathering information for needed improvements/bug fixes for later. (Heckert)</li> <li>• Created monthly difference maps between Predicted and Observed clear-sky reflectances with snowfree and snowcover scenes to assess the clear sky overhead snowfree and snowcover albedo maps. Statistics of the differences are also calculated. (Chen)</li> <li>• Started working on the Clouds Code processing for the x86 machine. (Chen)</li> <li>• Continue checking the daily ingest completion of VIMD (03001) and VAOT (03001) data on the /ASDC_archive. (Chen)</li> <li>• Worked with group members on all encountered issues. (Sun-Mack)</li> <li>• Worked on VIIRS and MODIS calibrations for all co-existing channels. (Sun-Mack)</li> <li>• Worked on averaging cloud properties over the Azores for validation purpose. (Sun-Mack)</li> <li>• Reviewed ValRx-Ed4-Beta2 PRs. (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>• Generated CATALYST test cases to match requirements. (Miller)</li> <li>• Wrote script to compare month of SSF from CATALYST with DPO Beta1-Ed4 output. (Miller)</li> <li>• Added more attributes to the HDF5 version of the SSF. (Antropov)</li> </ul>	
4.5	Sothcott	<ul style="list-style-type: none"> <li>• Updated LWB algorithm with fixes for constrained temperature and clouds base temperature and ran four seasonal months offline for analysis. (Sothcott)</li> <li>• Converted TRMM daytime subsets to the updated Edition4 subset format for use in the ASM working group. Currently working on converting them to the original Edition4 subset format. (Sothcott)</li> </ul>	
4.6	Sothcott	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	

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

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>Working with Dave Fillmore at TxCorp and the ASDC personnel to set up automatic transfer of MATCH input files to ANGe. In conjunction with modifying Edition4 SARB PGEs to directly read these files, this will allow processing to occur as soon as the data is available. The delivery of MATCH files from the SCF for Edition4 processing will be eliminated. (Caldwell)</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>SCCR 957 - Delivery to change SYN input file specifications cancelled. (Caldwell)</li> <li>A day of EICE/ESNOW files was not available for April 2012 processing. The delivery would have changed the scripts to allow processing without those files, but the SARB group decided the science results would have been unacceptable. (Caldwell)</li> <li>Currently working with the ASDC to find another solution. (Caldwell)</li> </ul>	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>No new updates. (Caldwell)</li> </ul>	
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> <li>Working on Edition4 PGEs CER10.0P3 and CER7.3.1P1. (Nguyen)</li> <li>Ran October 2006 Terra, Aqua, Terra+Aqua, Terra+GGEO, and Aqua+GGEO zone 111 TSI for Tom Caldwell to run SYNI. (Nguyen)</li> <li>Working on implementing a shortwave (SW) narrowband (NB) to broadband (BB) model into CER10.0P3. (Wrenn)</li> </ul>	
8.0	Nguyen (Keyes)	<ul style="list-style-type: none"> <li>No new updates. (Nguyen)</li> </ul>	
10.0	Nguyen (Keyes)	<ul style="list-style-type: none"> <li>SCCR 940 - Monthly output is now working both in binary and netCDF formats. QC plotting package developed to inspect the contents of the monthly netCDF files. Currently iterating with customer to identify and fix issues with the data, found using the monthly plots. Daily output has been made in netCDF format, but has yet to be checked for correctness. (Keyes)</li> <li>Ran up to October 2012 Terra and Aqua SYN Lite with the average multiple observation code. (Nguyen)</li> </ul>	

**Table 4. March 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>• SCCR 934 - Delivered code and documentations. (Nguyen)</li> <li>• Reran Terra EBAF with the updated code up to October 2012. (Nguyen)</li> <li>• Reran Terra and Aqua SSF Lite up to October 2012. (Nguyen)</li> <li>• Set up PGE CER10.0P3 code for Forrest Wrenn to run with the new SW coefficients. (Nguyen)</li> <li>• Provided comparison plots of the Ed2.6 and Ed2.7 of SSF and SYN Lite for Dave Doelling and Norman Loeb. (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>• Completed processing eight months of 1986 ERBE NOAA9 data at the SCF to create SFCB files for SSF1deg-lite process. As per requests, created the SFC hdf files for validations. (Raju)</li> <li>• Processed and created 03/2000 – 12/2011 ISCCP-D2like-Mrg files for science validations. Code was tested successfully on x86 and preparing for the software delivery. (Raju)</li> </ul>	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> <li>• Processing November/December 2012 satellite data through PGEs CER11.1P10 and CER11.2P2. (Wrenn)</li> <li>• Added new features to the image cleaning IDL program. (Wrenn)</li> <li>• 01/2013 MET10 process failed due to an extra byte added to the header record on these images and currently this number is defined as a constant in the code. Modified PGE CER11.1P10 code and the PCF scripts to make header size as a variable and access it from PCF. (Raju)</li> <li>• Processed 01/2010 MET7 data through new code and created Edition4 GGEO validation plots. Worked with Ed Kizer to view these plots on the TISA Working Group Website. Work continued to put new code to calculate water vapor clear sky radiances. (Raju)</li> </ul>	

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

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"><li>• Submitting and reviewing new PRs. (Lande, Smith, Coleman, Sun-Mack, Cooper, Raju)</li><li>• Collecting a small amount of feedback from PRDB Interface users and evaluating time frames for resolutions. (Key, Coleman, Heckert, Grune)</li></ul>
CERES Websites (Kizer)	<ul style="list-style-type: none"><li>• The ERBEWEB pages were copied to the production area. The pages can go public as soon as OCIO approves. (Kizer)</li><li>• The CONVOL site is on hold until read software can be found to be reengineered for the new platform. (Kizer)</li><li>• TISA working group data viewing pages were modified to include separate menus for Edition3 and Edition4. The data directories were also modified to add subdirectories for the data Editions. (Kizer)</li><li>• Modifications were made to CERES pages to incorporate HTML validation recommendations. (Kizer)</li></ul>
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"><li>• Test the ASDC Postgresql upgrade. (Chu)</li><li>• Working on GGEO composed. (Chu)</li><li>• Create Master netCDF files for SYN1deg Lite, SSF1deg Lite, EBAF data – internal site. (Mitrescu)</li><li>• Start testing for the new release. (Mitrescu)</li><li>• Modify "histogram" function per N. Loeb's request (internal and for the upcoming release). (Mitrescu)</li><li>• Count number of days in a month when averaging for the "Operator" function. (Mitrescu)</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/Devel	18	Y/Devel	18	Y	N	Updates needed for Edition4 Processing
	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	
	CER3.2P1	N	Y	16	Y	16	Y	16	Y	N	
Clouds 4.1-4	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
	CER4.1-4.1P7	N	N	N/A	Devel	18	N	N/A	N	N	NPP-VIIRS
	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
	CER4.1-4.2P6	N	N	N/A	Devel	18	N	N/A	N	N	NPP-VIIRS
	CER4.1-4.2P7	N	N	N/A	Devel	18	N	N/A	N	N	NPP-VIIRS
	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
	CER4.1-4.3P4	N	N	N/A	Devel	18	N	N/A	N	Devel	NPP-VIIRS

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)		
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) <sup>7</sup>	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	Comments
Inversion/SOF A 4.5-6	CER4.5-6.1P2	N	Y	16	Y	18	Y	18	Y	<b>N</b>	Ed2 Terra Main
	CER4.5-6.1P3	N	Y	16	Y	18	Y	18	Y	<b>N</b>	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
	CER4.5-6.1P6	N	Y	16	Y	18	Y	18	<b>N</b>	<b>N</b>	NPP-VIIRS
	CER4.5-6.2P2	N	Y	16	Y	18	Y	18	Y	<b>N</b>	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	<b>N</b>	Ed3 daily post-processor
	CER4.5-6.4P1	N	Y	16	Y	18	Y	18	Y	<b>N</b>	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)
SARB - 5	CER4.5-6.5P4	N	Y	16	Y	18	Y	18	Y	<b>N</b>	IES-SSF Terra New PGE, Ed2 format
	CER4.5-6.5P5	N	Y	16	Y	18	Y	18	Y	<b>N</b>	IES-SSF Aqua New PGE, Ed2 format
	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	<b>N</b>	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	<b>N</b>	<b>N</b>	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
TISA Grid - 6	CER5.4P2	N	Y	16	N	N/A	N	N/A	n/a	n/a	Ed2 only
	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
TISA Avg - 7.1	CER6.3P1	N	Y	15	N	N/A	N	N	n/a	n/a	Ed2 only
	CER7.3.1P1	N	Y	16	Y	16	N	N/A	Y	<b>N</b>	New PGE for Edition3
SARB - 7.2	CER7.2.1P1	N	Y	16	N	N/A	Y	16	Y	<b>N</b>	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	<b>N</b>	Migrate to AMI for Ed3
TISA Grid - 9	CER9.0P1	N	Y	15	Y	18	Y	18	Y	<b>N</b>	Ed2 only
	CER9.0P2	N	N	N/A	Y	16	N	N/A	Y	<b>N</b>	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N	N/A	Y	16	N	N/A	Y	<b>N</b>	ISCCP-D2like-MRG Main-processor
	CER9.0P4	N	N	N/A	Devel	18	N	N/A	Devel	<b>N</b>	
	CER9.0P5	N	N	N/A	Devel	18	N	N/A	Devel	<b>N</b>	
	CER9.1P1	N	Y	15	Y	18	N	N/A	Y	<b>N</b>	
	CER9.2P2	N	Y	16	Y	18	N	N/A	Y	<b>N</b>	PGE for Edition3
	CER9.2P3	N	N	N/A	Devel	18	N	N/A	<b>N</b>	<b>N</b>	New PGE for Edition4
	CER9.3P2	N	Y	16	Y	18	N	N/A	Y	<b>N</b>	PGE for Edition3
	CER9.3P3	N	N	N/A	Devel	18	N	N/A	<b>N</b>	<b>N</b>	New PGE for Edition4
TISA Avg - 10	CER9.4P2	N	Y	16	Y	18	N	N/A	Y	<b>N</b>	PGE for Edition3
	CER9.4P3	N	N	N/A	Devel	18	N	N/A	<b>N</b>	<b>N</b>	New PGE for Edition4
	CER10.0P3	N	Y	16	Y	16	N	N/A	Y	<b>N</b>	PGE for Edition3
GGEO - 11	CER10.0P4	N	N	N/A	Devel	18	Devel	18	Devel	<b>N</b>	Edition3A, Non-GEO
	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	
Regrid MOA - 12	CER11.7P1	N	Y	16	Y	18	Y	18	Y	<b>N</b>	
	CER12.1P1	N	Y	16	Y	16	Y	16	Y	<b>N</b>	Edition 2/3
	CER12.1P2	N	N	N/A	Y	16	Y	16	Y	<b>N</b>	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	SGI	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"
3/6/2013	None	No changes
3/18/2013	4.1-4.1P7, 2P6, 2P7, 3P4	New PGEs added to list
	4.5-6.1P6	
	9.0P1, 11.7P1	Changed P6 and New Wrapper Status from "SSI&T" to "Y"
	10.0P4	Changed New Wrapper Status from "N" to "Devel"
	1.4P3	Changed P6 and X86 status from "Y" to "Y/Devel" to indicate an updated version to replace current functioning version is in development