

February 6, 2013 - System Issues and Status
Table 1: Process Strategy/Coleman as of 02/06/13
Active Requests in order of priority as of 02/04/13

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 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	Hold –Pending ValRx approval Priority Level 2
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	

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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	***** 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 M 2-12 SCCR 753 SCCR 914	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	***** 1/23/13 PR M 2-12 replaced M 2-11
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						

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1-13 SCCR 943		ValR1-P6- AFWA- Mesh16th	ESNOW EICE	4.1-4.0P3	12/12	Ready Priority Level 2
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	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	Ready 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	In Progress 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	Canceled. 1/23/13
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	Canceled. 1/23/13
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	Canceled. 1/23/13
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	Canceled. 1/23/13

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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	Canceled. 1/23/13
451-09 to 453-09 SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	12/1/07 - 6/30/10	Canceled. 1/23/13
202-12 SCCR 867	FM4	Edition3	ES8	2.2P1	3/30/05 – 5/31/2011	Complete. 1/24/13
197-12 thru 199-12 SCCR 867	FM3	Edition3	ES8	2.2P1 2.3P1 2.3P2	3/30/05 – 12/31/10	Complete. 1/24/13
194-12 thru 196-12 SCCR 867	FM3 FM4	Edition3	ES8	2.2P1 2.3P1 2.3P2	6/18/02– 3/29/05	Complete. 1/24/13
193-12 SCCR 867	FM2	Edition3	ES8	2.2P1	1/1/11 – 5/31/11	Complete. 1/24/13
189-12 thru 191-12 SCCR 867	FM1, FM2	Edition3	ES8	2.2P1 2.3P1 2.3P2	2/29/00 – 12/31/10	Complete. 1/24/13
192-12 SCCR 867	Terra	Edition3	ES4 ES9	3.1P1	3/00 – 12/10	Complete.
200-12 SCCR 867	Aqua	Edition3	ES4 ES9	3.1P1	7/02 – 12/10	Complete. 1/24/13
201-12 SCCR 867	Terra+A qua	Edition3	ES4 ES9	3.2P1	7/02 – 12/10	Complete. 1/25/13
216-12 SCCR 917	FM1	Edition3A	SAH	5.0P2	1/12 – 6/12	Complete. 1/29/13

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
215-12 SCCR 917	FM3	Edition3A	SAH	5.0P2	1/12 – 6/12	Complete. 1/29/13
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	Complete. 1/29/13
**** 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 ****						
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
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 6, 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 January 23. (Ayers) • SCCR 945 – Installed this ERBE-like delta delivery on <i>AMI-P</i> and released it to the ASDC on January 23. (Ayers) • SCCR 877 – Formatted the updated Instrument Operator’s Manual, posted it on the Web, and provided it to the ASDC. (Saunders) • SCCR 946 – Installed this Instantaneous SARB delta delivery on <i>AMI-P</i> and released it to the ASDC on January 24. (Ayers) • Installed the Edition3 gains for Terra FM1 and FM2 and Aqua FM3 and FM4 for July 2, 2012, through October 1, 2012, on <i>AMI-P</i> and provided them to the ASDC on January 25. (Ayers) • Installed the Edition3 spectral response function files for Terra FM1 and FM2 and Aqua FM3 and FM4 for July 1, 2012, through September 30, 2012, on <i>AMI-P</i> and provided them to the ASDC on January 28. (Ayers) • Updated promotion information for Perl_Lib and the Instrument gain files in the Promoted Directories document and provided it to the ASDC. (Ayers) • SCCR 915 – Ready to release. (Ayers) • SCCR 916 – Ready to release. (Ayers) • SCCR 938 – Testing this Synoptic SARB delivery. (Ayers)
<i>AMI</i> Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> • Assisting subsystems with the job submission scripts for upcoming deliveries as necessary. (Grepitotis, Hillyer)

Table 3. SCCR Activity January 22 at 12:00 p.m. – February 5 at 11:30 a.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
877				X		Instrument		
941				X		Perl_Lib		
943				X		Clouds		
945	X		X	X		ERBE-like	8	
946	X		X	X		Instantaneous SARB	9	
947	X					Clouds	10	
948	X					Inversion	13	

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

CERES Software Configuration Change Request Submittal

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Subsystem: ERBElIke3.0 SCCR Date & TIME: 2013-01-23 16:31:10 SCCR No.: 945

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

(Req 2-30) Disable web/stats directory clearing in clr_dir.PGE3.2P1.csh.

Reason for Change (non-Science):

(Req 2-30) The clear script for 3.2P1 was removing all 4 web stats files labeled as 'mandatory, permanent, no archive' in the OpsMan, causing failure of the wrapper script when Ops submitted the production jobs to the epilogue. The line in the clear script responsible for this was commented out and successfully tested in the SSIT area (2 .YYYYMM files permanent, 3 .web files updated after 2 months run).

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:

CER3.2P1

Estimated Time to Complete Change: 1 day

Planned Delivery Date: 1/23/2012

List Affected Subsystems and PGE Names: None

Originator: LANDE, JEREMIE (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: InstSARB SCCR Date & TIME: 2013-01-24 10:39:47 SCCR No.: 946

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)
Delivery of MATCH data files for Jan 2012 through July 2012 to AMI.

Reason for Change (non-Science):
(Req#5-29)
MATCH files are required for processing SARB subsystems

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:
None

Estimated Time to Complete Change: 1 day
Planned Delivery Date: January 25, 2013
List Affected Subsystems and PGE Names: 7.2.1P1, 5.0P2

Originator: CALDWELL, THOMAS E. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Clouds SCCR Date & TIME: 2013-01-30 16:16:38 SCCR No.: 947

Parameter Change: YES NO

Description of Change (Science):

- (1) Bring lapse Rate modified temperature profile into the framework (Req. 4-17)
- (2) Updated Lapse Rate Database (Req.4-17)

Reason for Change (Science):

- (1) To correctly calculate cloud top temperature and therefore derive lapse rate correctly.
- (2) Due to above (1), lapse rates were re-derived.

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:

SSF-66	Clear area percent coverage at subpixel resolution
SSF-67	Cloud-mask clear-strong percent coverage
SSF-68	Cloud-mask clear-weak percent coverage
SSF-69	Cloud-mask snow/ice percent coverage
SSF-70	Cloud-mask aerosol B percent coverage
SSF-72	Cloud-mask percent coverage supplement
SSF-79	CWG surface skin temperature
SSF-79a	CWG precipitable water
SSF-80	Vertical temperature change
SSF-81	Clear/layer/overlap percent coverages
SSF-82	Note for cloud layer
SSF-83	Mean visible optical depth for cloud layer
SSF-84	Stddev of visible optical depth for cloud layer
SSF-85	Mean logarithm of visible optical depth for cloud layer
SSF-86	Stddev of logarithm of visible optical depth for cloud layer
SSF-87	Mean cloud infrared emissivity for cloud layer
SSF-88	Stddev of cloud infrared emissivity for cloud layer
SSF-89	Mean liquid water path for cloud layer (3.7)
SSF-90	Stddev of liquid water path for cloud layer (3.7)
SSF-91	Mean ice water path for cloud layer (3.7)
SSF-92	Stddev of ice water path for cloud layer (3.7)
SSF-93	Mean cloud top pressure for cloud layer
SSF-94	Stddev of cloud top pressure for cloud layer

SSF-94a	Mean cloud top temperature for cloud layer	SSF-94b	Mean cloud top height for cloud layer
SSF-95	Mean cloud effective pressure for cloud layer		
SSF-96	Stddev of cloud effective pressure for cloud layer		
SSF-97	Mean cloud effective temperature for cloud layer		
SSF-98	Stddev of cloud effective temperature for cloud layer		
SSF-99	Mean cloud effective height for cloud layer		
SSF-100	Stddev of cloud effective height for cloud layer		
SSF-101	Mean cloud base pressure for cloud layer		
SSF-102	Stddev of cloud base pressure for cloud layer	SSF-102a	Mean cloud base temperature for cloud layer
SSF-103	Mean water particle radius for cloud layer (3.7)		
SSF-104	Stddev of water particle radius for cloud layer (3.7)		
SSF-105	Mean ice particle effective radius for cloud layer (3.7)		
SSF-106	Stddev of ice particle effective radius for cloud layer (3.7)		
SSF-106a	Mean asymmetry factor for cloud layer		
SSF-107	Mean cloud particle phase for cloud layer (3.7)		
SSF-108	Mean water particle radius for cloud layer (1.2)		
SSF-109	Mean ice particle effective radius for cloud layer (1.2)		
SSF-110	Mean logarithm of visible optical depth for cloud layer (1.2)		
SSF-110a	Mean water particle radius for cloud layer (2.1)	SSF-110b	Mean ice particle effective radius for cloud layer (2.1)
SSF-110c	Mean logarithm of visible optical depth for cloud layer (2.1)		
SSF-111	CO2 slicing percent coverages for cloud layer		
SSF-111a	Mean infrared emissivity for cloud layer - CO2 slicing		
SSF-111b	Mean effective pressure for cloud layer - CO2 slicing		
SSF-111c	Mean effective temperature for cloud layer - CO2 slicing		
SSF-112	Mean effective height for cloud layer - CO2 slicing		
SSF-113	Percentiles of visible optical depth for cloud layer		
SSF-114a	Single layer/multilayer percent coverages		
SSF-114b	Mean visible optical depth for multilayer		
SSF-114c	Mean logarithm of visible optical depth for multilayer		
SSF-114d	Mean cloud infrared emissivity for multilayer		
SSF-114e	Mean cloud top pressure for multilayer		
SSF-114f	Mean cloud top temperature for multilayer		
SSF-114g	Mean cloud top height for multilayer		
SSF-114h	Mean cloud particle phase for multilayer (3.7)		
SSF-114i	Mean water particle radius for multilayer (3.7)		
SSF-114j	Mean ice particle effective radius for Multilayer (3.7)		
SSF-114k	Mean water particle radius for Multilayer (2.1)		
SSF-114l	Mean ice particle effective radius for multilayer (2.1)		

Reason for Parameter Change:

The changes made in “Science Changes” above will affect all SSF parameters listed above.

Affected PGEs in this Subsystem:

CER4.1-4.1P6 CER4.1-4.2P5 CER4.1-4.2P4 CER4.1-4.3P3

Estimated Time to Complete Change: January 30, 2013

Planned Delivery Date: February 8, 2013

List Affected Subsystems and PGE Names: Inversion 4.5-6.1P4, 4.5-6.1P5, and 4.5-6.2P2; SARB 5.0P2 and 7.2.1P1; and TISA 9.2P1 and 9.0P1

Originator: SUN-MACK, SUNNY (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Inversion SCCR Date & TIME: 2013-02-05 10:33:12 SCCR No.: 948

Parameter Change: () YES (X) NO

Description of Change (Science):

None

Reason for Change (Science):

None

Description of Change (non-Science):

Update SGE job submission scripts to allow for the -platform option. Req. # 4.5-47

Reason for Change (non-Science):

This code is currently only delivered for the AMI P6 systems and the -platform option will make specifying the P6 blades more consistent.

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:

CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3 and CER4.5-6.4P2

Estimated Time to Complete Change: 2 days

Planned Delivery Date: 2/8/13

List Affected Subsystems and PGE Names: Inversion CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3 and CER4.5-6.4P2

Originator: SOTHCOTT, VICTOR E. (SSAI)

Table 4. February 6, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing to report. (Hillyer) 	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing to report. (Hillyer) 	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> Working on extra command line options for <i>AMI</i> Job Submission Scripts to support CATALYST Build I. (Hillyer) 	
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> Testing and fixing bugs/performance issues for CATALYST Build I delivery. (Hillyer, Wilkins) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> 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) Edition 3 gains thru October 1, 2012 were delivered to CERES CM and promoted to production. The next gain delivery will occur in late March or early April and will include the gain updates through the end of 2012. (Snyder) 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) Norman Loeb has made a request that may require that an Edition4 BDS be created. If this proposal is required, then CER1.4P3 scripts will need to be updated to handle Edition4 and the software will need updates to remove the gain interpolation when processing Edition4. It may also require updated gain files. This proposal is being evaluated by the Instrument Working Group. (Thomas) 	

Table 4. February 6, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Delivered spectral responses to extend Edition3 ERBE-like for July, August, and September 2012 Terra and Aqua. (Walikainen) • Submitted Terra ES8 Edition3 Data Quality summary to Tomeka. (Walikainen) • Submitted Aqua ES8 Edition3 Data Quality summary to the Science Team. (Walikainen) • Provided Science Team with monthly trends for ES4/ES9 Terra and Aqua Edition3 Data Quality summaries. (Walikainen) • SCCR 933 - Sent reports to Lisa on production/archive status of open (i.e., imported) Instrument/ERBE-like PRs (i.e., Edition3) and to Carla on a PR import issue with 2.2P1 input SCC start dates. Confirmed date range for 1.4P3 ValRs as different from delivered Ed3 gains run. (Lande) • SCCR 945 - Assisted Angel with 3.2P1 Ed3 production epilogue failures and restored es4_stats record via SCCR 945. Involved updating clr_dir script, delivery memo, and subsystem requirements log. (Lande) • Assisted Angel with SGE failures with CER2.2P1 in SIT (i.e., success via cmd-line). Obtained clarifications from Tak on his monthly means time series request for ES4/9 Ed3 DQS. Did research in area weighting (for tropical means calcs) and helped Dale locate Ed2 DQCG files (daacget and Web area). Discovered 200207 and 200208 Aqua Ed3 did not run in monthly production PGEs, and requested them via Angel/Reynold (and provided data to Tak). Did validation checks (via grep and Ed2 stats data files) on Dale's global means, and discovered use of older Ed2 CC code DQCGs in four instances, two with significant differences (FM3 200307/08, sent data to Tak). Also discovered gaps in Ed3 3.1/2P1 data on DPO (Terra: 2005/6, Aqua: 2002-2005) and reported these to Reynold. (Lande) 	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Combined with above. 	

Table 4. February 6, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Investigated and completed a code work around for a problem found after DX executable was moved within <i>AMI</i>. Trying to determine if the move involved a different installation. (Gibson) • Continued and nearly completed work on file 1 and 2 individual images within DX global package that includes user-driven computation capability. (Gibson) • Worked on processing SSF data for Terra Beta1-Ed4 for 200406 through 200409. (Brown) • SCCR 947 - QC global images and statistics were processed for Terra Edition2B-QC for 201207 through 201209. (Brown) • Regenerated Lapse Rate Maps of Snow Free and Snow Cover of 12 months based on 2006 and 2007 data for production run. (Chen) • Created clear sky overhead albedo directional models for 0.8 of snow free with Bob's and Gang's Models by processing 2007 Terra CloudVis data. (Chen) • SCCR 927 - Generated Diff global maps and Stats for the comparison between ValR1-P6-CLASS and NSIDC-NESDIS of April 2012 SNOW/ICE maps. (Chen) • Checked VAOT data to see which date the SDS name changed. Also wrote a code to reformat and subset the cloudvis files with VAOT output so IBM dx can display the images. (Chen) • SCCR 919 - Did the CloudVis data comparison between <i>AMI</i> and <i>magneto</i> produced versions. (Chen) • SCCR 943 - Did the Snow/Ice map comparison between ValR1-P6-AFWA-Mesh16th and NSIDC-NESDIS-Mesh16th. (Chen) • Continuing work on PR Tool, released code to Production environment (but it is not yet officially “in production”). (Heckert) • Continuing development of SCCR Dashboard Tool. (Heckert) 	

Table 4. February 6, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Worked with Pam Mlynczak to prepare statistics report on orders from the CERES Ordering Tool for a review. (Heckert) • Worked on DX issue not producing NorthPole/SouthPole images. (Gibson) • SCCR 919 - Working on converting 4.1-4.1P4, 4.1-4.1P5, 4.1-4.2P2, 4.1-4.2P3, 4.1-4.3P2 from <i>magneto</i> to <i>AMI</i>. Tracking why 1P4 <i>AMI</i> output differs from <i>magneto</i>. (Smith) • SCCR 943 - Tracking errors in 4.1-4.0P3 outputs. (Smith) • SCCR 947 - Began delivery of 4.1-4.1P6, 4.1-4.2P4, 4.1-4.2P5, 4.1-4.3P3 with new code. (Smith) • SCCRs 943, 947, 927, and 919 - Worked with the ASDC and Clouds members on related issues. (Sun-Mack) • SCCR 947 - Validated three months between Beta2 and Beta1. Worked with Wenying on selected 16 days of Aqua/Terra 2003/2004 for comparisons between Beta1 and Beta2. (Sun-Mack) • Worked with Gang on tau validation. (Sun-Mack) • Worked on C3M issues that were in the Cookiedough that Walt found. (Sun-Mack) • Started looking into Corrk in VIIRS. (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"> • Processed NOAA9 ERBE data with an updated Log cloud fraction tau correction for four seasonal months in 1986. (Miller) • All SSF variables have been included in HDF5 file, but attributes and metadata still need to be worked. (Antropov) 	
	Sothcott	<ul style="list-style-type: none"> • Processed the updated lapse-rate runs from the Clouds group and provided them for review. (Sothcott) • Received and installed and upgrade to the SW Model B algorithm. Ran a month's worth of data for review by the SOFA group. (Sothcott) 	

Table 4. February 6, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.5 (Cont'd)	Sothcott	<ul style="list-style-type: none"> Received a list of additional SSF variables to be put into the SSF subsets to support the ADM group. Started work to install them into the code. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> Combined with above. 	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> Attempting to run Edition2 CRS in monthly CRS averaging code for validation purposes. (Caldwell) Assisting Fred Rose in adapting SYN code to read MATCH data directly from netCDF format for Edition4 processing. This step would eventually eliminate the need for MATCH data deliveries to the ASDC. (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> No new updates. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> No new updates. (Caldwell) 	
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> Read Forrest Wrenn's new coefficient data and created the matched GGEO/CERES data for his study. Set up code for Forrest to process data. (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 940 - Continued making changes to the code to support output in netCDF format. (Keyes) Cleaning geostationary July through December 2012 McIDAS images for GOES-13. (Keyes) Produced five January Edition4 SSF daily subsets for Moguo Sun to create the LW coefficients. (Nguyen) SCCR 934 - Updated code to correct the log optical average. Corrected the ice and liquid averages. Produced comparison with Lite plots for Dave Doelling to validate. Search for the cause of the solar incoming difference when comparing with Lite data. (Nguyen) Cleaning July through October 2012 MET-7 satellite images. (Nguyen) 	
6.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> No report received. 	
9.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> No report received. 	

Table 4. February 6, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none">• No report received.	

Table 5. February 6, 2013 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> • Delivered DB 1.0.5 and WB 1.0.4, which were installed in production environment. (Grune, Heckert) • Migrated PRs from spreadsheet to PRDB Production version. (Grune) • Reviewing PR Migration. (Miller, Lande, Coleman) • Preparing for IRR. (Coleman)
CERES Websites (Kizer)	<ul style="list-style-type: none"> • CWG Website scan was successful and was cleared for promoting to production. The files have been moved to product with redirects to <i>lposun</i> removed. Minor URL system access issues were found in initial testing and were reported to the Web Cluster SA team. (Kizer) • The SARB and Inversion sites were promoted to the production environment under the earth-www URL domain. Currently, these sites are only available via the LaRC domain. Redirects from asd-www to earth-www are planned pending additional functionality testing. (Kizer) • The TISA site was promoted to the production environment under the earth-www URL domain. This site is only available via the LaRC domain. (Kizer)
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> • Working on Clouds validation tool. (Chu) • Worked on the system architecture for new hardware. (Chu) • Continue work on improving the flexibility of adding new functions to the tool on subset8. (Mitrescu) • Start work on a c++ hdf subsetter. (Mitrescu)

Table 6. February 6, 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	ValRx	18	ValRx	18	ValRx	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	Y	18	N	N/A	Y	N	
	CER4.1-4.0P3	N	N	N/A	ValRx	18	N	N/A	ValRx	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/SOFA 4.5-6	CER4.5-6.1P2	N	Y	16	ValRx	18	ValRx	18	ValRx	N	Ed2 Terra Main
	CER4.5-6.1P3	N	Y	16	ValRx	18	ValRx	18	ValRx	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	ValRx	18	ValRx	18	ValRx	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

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)	
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:		
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"
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"