

June 26, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 06/24/13
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
*** Baseline1-QC PRs – Standing						
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	PRs Active <i>Upcoming Replacement PRs:</i> NPP 84-13 NPP 88-13 NPP 91-13
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	PRs Active <i>Upcoming Replacement PRs:</i> AM 81-13 AM 85-13 AM 89-13 PM 82-13 PM 86-13 PM 87-13 PM 90-13 PM 83-13
*** Edition1-CV PRs – Standing						
NPP 12-12, 3-12 to 6-12 SCCRs 911, 878, 863, 756, 770	NPP	Edition1-CV	BDS/IES/PreS 8	1.0P2, 1.1P8, 1.2P1, 1.4P1,1.4P2	Standing Request	PRs Active <i>Upcoming Replacement PRs:</i> NPP 92-13 NPP 93-13 NPP 94-13 NPP 95-13

June 26, 2013 - System Issues and Status

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NPP 14-12 to 17-12 SCCR 867	NPP	Edition1-CV	ERBELike	2.2P1 2.3P1, 2 3.1P1	Standing Request	PRs Active <i>Upcoming Replacement PRs:</i> NPP 97-13 NPP 159-13 NPP 160-13 NPP 161-13
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	PRs Active <i>Upcoming Replacement PRs:</i> AM 108-13 AM 111-13 AM 133-13 PM 109-13 PM 110-13 PM 112-13 PM 113-13 PM 134-13 PM 135-13
AM 136-13 to AM 139-13 PM 140-13 to 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	PRs Active
AM 144-13 to AM 146-13 PM 147-13 to 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	PRs Active

June 26, 2013 - System Issues and Status

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*** Snow and Ice Products PRs – Standing						
M 3-12 SCCR 918		NSIDC-CLASS	EICE ESNOW	4.1-4.0P2	Standing Request	PRs Active
M 1-13 SCCR 943		NSIDC-AFWA-Mesh16th	ESNOW EICE	4.1-4.0P3	Standing Request	PRs Active
M 2-12 SCCR 867		NSIDC	SNOW (ERBE-like Edition1-CV)	2.1P1	Standing Request	PRs Active
*** MOA/PMOA Products PRs – Standing						
M 3-11 SCCR 920	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	PR Active
M 2-12- SCCR 914	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	PR Active
M 205-13	CERES	GMAO-G541-Ed4	MOA	12.1P2	Standing request 3/2/13 thru 4/1/15	Ready – Final
The PRs that follow are the Non-Standing PRs that can be processed						
*** Edition 3 Instrument & ERBElike PRs						
253-13, 256-13 SCCRs 877, 863	FM1,FM2	Edition3	BDS IES	1.4P3 1.2P1	1/1/13 – 2/28/13	PR Active Priority 2
259-13, 260-13, 263-13, 266-13, 268-13 SCCR 867	FM1,FM2	Edition3	ES8	2.4P1 2.2P1 2.3P1 2.3P2	1/13 – 2/13	PR Active Priority 2

June 26, 2013 - System Issues and Status

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
254-13, 257-13 SCCRs 877, 863	FM3	Edition3	BDS IES	1.4P3 1.2P1	1/1/13 – 2/28/13	PR Active Priority 2
261-13. 264-13, 267-13, 269-13 SCCR 867 SCCR 867	FM3	Edition3	ES8	2.4P1 2.2P1 2.3P1 2.3P2	1/13 – 2/13	Ready – Final Priority 2
255-13, 258-13 SCCRs 877, 863	FM4	Ed3-NoSW	BDS IES	1.4P3 1.2P1	1/1/13 – 2/28/13	PR Active Priority 2
262-13 265-13 SCCR 867	FM4	Ed3-NoSw	ES8	2.4P1 2.2P1	1/13 – 2/13	Ready – Final
270-13 SCCR 867	Terra	Edition3	ES4, ES9	3.1P1	12/12 – 1/13	PR Active Priority 2
271-13 SCCR 867	Aqua	Edition3	ES4, ES9	3.1P1	12/12 – 1/13	Ready – Final
272-13 SCCR 867	FM1 + FM3	Edition3	ES4, ES9	3.2P1	12/12 – 1/13	Review Complete
*** Edition 3 SSF & SSF1deg-Hour (SSF, SFC & SAH)						
236-13 237-13 238-13 SCCR 939	Terra	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	6/30/2010 – 11/29/2011	PR Ready - Final Processing Active
239-13 240-13 241-13 SCCR 939	Aqua	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	6/30/2010 – 11/29/2011	Ready - Final

June 26, 2013 - System Issues and Status

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Active Requests in order of priority**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
242-13 SCCR 914	Terra	Edition3A	SFC-HR	9.2P2	6/30/2010 – 11/29/2011	PR Ready - Final Processing Active
243-13 244-13 SCCR 914	Terra	Edition3A	SFCB SFC	9.3P2 9.4P2	7/10 – 11/11	PR Ready - Final Processing Active
245-13 SCCR 914	Aqua	Edition3A	SFC-HR	9.2P2	6/30/2010 – 11/29/2011	Ready - Final
246-13 247-13 SCCR 914	Aqua	Edition3A	SFCB SFC	9.3P2 9.4P2	7/10 – 11/11	Ready - Final
248-13 SCCR 917	Terra	Edition3A	SAH	5.0P2	7/2010 – 11/2011	PR Ready - Final Processing Active
228-13 SCCR 914	Terra	Edition3A	SFC-HR	9.2P2	11/30/11 – 12/30/11	Ready - Final Priority 2
229-13 230-13 SCCR 914	Terra	Edition3A	SFCB SFC	9.3P2 9.4P2	12/11 – 12/11	Ready - Final Priority 2
234-13 SCCR 917	Terra	Edition3A	SAH	5.0P2	12/2011	Ready - Final Priority 2
225-13 SCCR 914	Aqua	Edition3A	SFC-HR	9.2P2	11/30/11 – 12/30/11	Ready - Final Priority 2
226-13 227-13 SCCR 914	Aqua	Edition3A	SFCB SFC	9.3P2 9.4P2	12/11 – 12/11	Ready - Final Priority 2
197-13 SCCR 914	Terra	Edition3A	SFC-HR	9.2P2	9/2012 – 11/2012	Ready - Final Priority 2
198-13 199-13 SCCR 914	Terra	Edition3A	SFCB SFC	9.3P2 9.4P2	8/12 – 10/12	Ready - Final Priority 2
200-13 SCCR 914	Aqua	Edition3A	SFC-HR	9.2P2	9/2012 – 11/2012	Ready - Final Priority 2

June 26, 2013 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 06/24/13
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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
201-13 202-13 SCCR 914	Aqua	Edition3A	SFCB SFC	9.3P2 9.4P2	8/12 – 10/12	Ready - Final Priority 2
273-13 274-13 275-13 SCCR 939	Terra	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	1/13 – 2/13	Pending SIT Review Priority 3
276-13 277-13 278-13 SCCR 939	Aqua	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	1/13 – 2/13	Pending SIT Review Priority 3
TBD SCCR 914	Terra	Edition3A	SFC-HR	9.2P2	1/13 – 2/13	Pending Generation Priority 3
TBD SCCR 914	Terra	Edition3A	SFCB SFC	9.3P2 9.4P2	12/12 – 1/13	Pending Generation Priority 3
TBD SCCR 914	Aqua	Edition3A	SFC-HR	9.2P2	1/13 – 2/13	Pending Generation Priority 3
TBD SCCR 914	Aqua	Edition3A	SFCB SFC	9.3P2 9.4P2	12/12 – 1/13	Pending Generation Priority 3
TBD SCCR 917	Terra	Edition3A	SAH	5.0P2	1/13 – 2/13	Pending Generation Priority 3
TBD SCCR 917	Aqua	Edition3A	SAH	5.0P2	1/13 – 2/13	Pending Generation Priority 3
*** Edition 3 TSI --> SYNI --> SYN1deg						
249-13 SCCR 801	Terra+ Aqua	Edition3A	Pre-TSI	10.0P3	7/2010 – 11/2011	PR Ready - Final Processing Active
232-13 SCCR 801	Terra+ Aqua	Edition3A	TSI	7.3.1P1	7/2010 – 11/2011	PR Ready - Final Processing Active
251-13 SCCR 938	Terra+ Aqua	Edition3A	SYNI	7.2.1P1	7/2010 – 11/2011	PR Ready - Final Processing Active
235-13 SCCR 795	Terra+ Aqua	Edition3A	SYN1deg	8.1P1	7/2010 – 11/2011	PR Ready - Final Processing Active

June 26, 2013 - System Issues and Status

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
231-13 SCCR 801	Terra+ Aqua	Edition3A	Pre-TSI	10.0P3	12/2011	PR Ready - Final
232-13 SCCR 801	Terra+ Aqua	Edition3A	TSI	7.3.1P1	12/2011	Ready - Final
233-13 SCCR 938	Terra+ Aqua	Edition3A	SYNI	7.2.1P1	12/2011	PR Pending SIT Review
235-13 SCCR 795	Terra+ Aqua	Edition3A	SYN1deg	8.1P1	12/2011	Ready - Final
**** Beta2-Ed4 SSFi --> SSF						
52-13 53-13 54-13 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	Active Priority 2
126-13 127-13 128-13 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	Active Priority 2
56-13 57-13 58-13 59-13 SCCR 947	Aqua	Beta2-Ed4	SSFi	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	7/2002- 3/2005	Ready - Final Priority 3
129-13 130-13 131-13 SCCR 947	FM3,FM4	Beta2-Ed4	SSF	4.5-6.1P4 4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	7/2002- 3/2005	Ready – Final Priority 3
*** ISCCP-D2like Stream (all the ISCCP-D2like products)						
96-13 SCCR 916		Edition2A	ISCCP- D2like-GEO	11.7P1	3/1/10 – 6/30/12	PR Pending SIT Review
216-13	Terra	Edition3A	ISCCP- D2like-Mrg	9.0P2	3/2000 – 6/2012	PR Pending SIT Review

June 26, 2013 - System Issues and Status

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
217-13	Aqua	Edition3A	ISCCP-D2like-Mrg	9.0P2	7/2002 – 6/2012	PR Pending SIT Review
218-13	Mrg	Edition3A	ISCCP-D2like-Mrg	9.0P3	3/2000 – 6/2012	PR Pending SIT Review-
**** The PRs are for PGEs that have not completed pre-op testing and been promoted to the production environment						
187-13 SCCR 934	Terra	Edition3A	SSF1deg-Day, Month	10.0P4	3/2000 – 11/2012	PR Pending SIT Review Priority Level 2
188-13 SCCR 934	Aqua	Edition3A	SSF1deg-Day, Month	10.0P4	7/2002 – 11/2012	PR Pending SIT Review Priority Level 2
TBD SCCR 919	Terra	ValRx-P6	SSFi	4.1-4.1P4 4.1-4.2P2 4.1-4.2P3 4.1-4.3P2	4/13	PR Generation Pending Priority Level 1
TBD SCCR 919	Aqua	ValRx-P6	SSFi	4.1-4.1P4 4.1-4.2P2 4.1-4.2P3 4.1-4.3P2	4/13	PR Generation Pending Priority Level 1
290-13 291-13 292-13 SCCR 912	Terra	ValRx-P6	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	4/13	PR Pending SIT Review Priority Level 1
293-13 294-13 295-13 SCCR 912	Aqua	ValRx-P6	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	4/13	PR Pending SIT Review Priority Level 1
96-13 297-13 298-13 SCCR 912	Terra	ValRx-X86	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	4/13	PR Pending SIT Review Priority Level 1

June 26, 2013 - System Issues and Status

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299-13 300-13 301-13 SCCR 912	Aqua	ValRx-X86	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	4/13	PR Pending SIT Review Priority Level 1
76-13 77-13 78-13 79-13 80-13 SCCR 956	NPP FM1,FM2 FM3 FM4 PFM	ValR1956		1.1P8	12/1/12 – 12/31/12	PR Pending ValRx Review
98-13 99-13 100-13 SCCR 956	FM1,FM2 FM3 FM4	ValR1956-Ed3-P6		1.4P3	5/31/12 – 7/1/12	PR Pending ValRx Review
101-13 102-13 103-13 SCCR 956	FM1,FM2 FM3 FM4	ValR1956-Ed3-X86		1.4P3	5/31/12 – 7/1/12	PR Pending ValRx Review
153-13 154-13 155-13 SCCR 956	FM1,FM2 FM3 FM4	ValR1956-Ed4-P6		1.4P3	5/31/12 – 7/1/12	PR Pending ValRx Review
156-13 157-13 158-13 SCCR 956	FM1,FM2 FM3 FM4	ValR1956-Ed4-X86		1.4P3	5/31/12 – 7/1/12	PR Pending ValRx Review
**** The PRs that follow are for PGEs that are pending delivery.						
**** The PRs that follow have completed processing since the last report						
183-13, 185-13 SCCR 934	Terra, Aqua	ValR1-P6	SSF1deg-Day, Month	10.0P4	7/2008 – 10/2008	Complete. 6/13/13

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
184-13, 186-13 SCCR 934	Terra, Aqua	ValR1-X86	SSF1deg-Day, Month	10.0P4	7/2008 – 10/2008	Complete. 6/13/13
43-13, 45-13, 47-13 SCCR 914	Terra	Edition3A	SFC	9.2P2 9.3P2 9.4P2	6/2012 – 8/2012	Complete Pending Op Review. 5/1/13
42-13, 44-13, 46-13 SCCR 914	Aqua	Edition3A	SFC	9.2P2 9.3P2 9.4P2	6/2012 – 8/2012	Complete Pending Op Review. 5/1/13
30-13 SCCR 804	Terra+ Aqua	Edition3A	SYNI	7.2.1P1	12/2011 – 5/2012 3/2012	Complete. PR closure pending addition of comment box in PRDB to indicate actual ending date
2-13 SCCR 795	Terra+ Aqua	Edition3A	SYN1deg	8.1P1	12/2011 – 5/2012 3/2012	Complete. PR closure pending addition of comment box in PRDB to indicate actual ending date

Table 2. June 26, 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 937 - Provided the updated CATALYST installer to the ASDC on June 12. (Ayers) • SCCR 919 - Released to the ASDC on June 24. (Ayers) • SCCR 964 - Released to the ASDC on June 24. (Ayers)
AMI Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> • Assisting subsystems with the job submission scripts for upcoming deliveries as necessary. (Grepitotis)

Table 3. SCCR Activity June 10 at 12:30 p.m. – June 24 at 1:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
937		X	X			CATALYST		
951				X		Perl_Lib		

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

CERES Software Configuration Change Request Submittal

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No Software Configuration Change Request Submittals at this time.

Table 4. June 26, 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"> • SLES 11 version available for testing. (Hillyer, Wilkins) 	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> • SLES 11 version available for testing. (Hillyer, Wilkins) 	
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> • SCCR 937 - Supporting SIT testing for releases 1.0.1/2. (Hillyer, Wilkins) • Working on Improved Operator's Console for minor release. (Wilkins) • Working on CATALYST Build 1.1. (Hillyer, Wilkins) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> • SCCR 956 - ValR's have been approved. Waiting for Edition3 processing to complete to promote CER1.4P3. CER1.1P8 should be promoted on July 2nd to begin Baseline1-QC production for July 1, 2013. Once CER1.1P8 is promoted to production, reprocessing of the NPP Edition1-CV data can begin. (Cooper, Grepitotis) • Continued work to update all of these PGEs to use a standard set of environment variables for testing and updating the test clean-up scripts, etc., to use the new standard set of test environment variables. (Cooper, Grepitotis) • Working on script updates to create subdirectories for each PGE in the runlogs directory. (Cooper, Grepitotis) • Continue working, as time permits, on a new PGE CER1.0P3 to be able to read and create NPP Level-0, ephemeris, and attitude data from the NPP EDOS SD3 back-up files. (Grepitotis) • Continued work on improvements to the existing Instrument PGEs. Working to make all the existing PGEs use a standard set of classes for input and output, etc. This will make it easier to maintain the software as new requirements come along. (Grepitotis) 	

Table 4. June 26, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
1.0 (Cont'd)	Cooper (Grepitotis)	<ul style="list-style-type: none"> Working on testing Edition4 gain updates for Terra. Gains will not be updated for Aqua Edition4. (Cooper) 	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> SCCR 956 - Continued monitoring progress on ValRs (in PPE, Denise approval) and effect of expected promotion on related replacement PRs (start dates): sent out explanations/clarifications on these and related issues (i.e., CC#s used) and updated/cloned PRs accordingly (after discussions with Lisa/Denise). Fixed rejected PRs (and cascaded as needed) and obtained subsystem approval for all FM5 SPRs, and for T/A SPRs thru CER2.2P1. Research indicated no precedent for downstream PGE CC updates. Fixed CER1.1P8 Baseline PRs start dates and sent report to Lisa on her 'Replacement SPRs' spreadsheet and related issues. Also monitored Jan/Feb Ed3 PRs progress. (Lande) Discussed with Carla (PR database) option of having last-minute approval/update capability for PR CC# (via Lisa) and SPR start dates (via ops, i.e., Shawn Clark) in light of precedent (CER1.4P3 201210 instance on 4/12). (Lande) Conducted 'As Is' portion of cmd-line/SGE Baseline/Ed1/Ed3 testing of PGEs CER2.2P1/CER3.1P1/CER3.2P1 in SLES 11.1 P6/x86 test env'ts (also tested with 'As Is' SNOW/SCC/PRES8 inputs from Dale/Thomas). Verified Exit=0 and no effects (except for expected metadata) on HDF data (ES8/4), nor on associated .gif plots (except ES8 titles), nor on intermediate data (EID6: 1/44823>.00025, largest: .190 vs .187). (Lande) Completed week 6 and began week 7 lectures/quizzes of the online HPSC course. (Lande) Provided Instrument Working Group with candidate Aqua Edition4 SRFs. (Walikainen) Evaluating Terra Edition4 SRFs which do not have offsets "folded-in". (Walikainen) 	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> Combined with above. 	

Table 4. June 26, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • SSF data for Terra and Aqua Beta2-Ed4 from 200003 to 200011 was processed and global images and statistics were produced and posted on the Web. (R. Brown) • Processed QC Global images and statistics for Terra Beta2-Ed4 from 200011 through 200103. (R. Brown) • Working with Pam Mlynczak to load statistics on ESG orders from old Apache logs, and working on sending all our data to EMS. (Heckert) • Taking Coursera course on High Performance computing. (Heckert) • Working on development of new features for SCCR Dashboard. (Heckert) • Prepare to process NEWS with RelC1 version for seasonal months of 2010. Outputs of January of 2010 were produced from clouds, convolution, and inversion. (Chen) • Created RGB images to assist Multi Algorithm study for VIIRS data. (Chen) • Wrote a code to create a cloudvis file with the difference between two parameters from two cloudvis files. (Chen) • Created snow free and snow cover directional models for 1.6 μm by processing one year of cloudvis data. Also created the histogram of grouped igbp types of 1.6 μm albedos, standard deviation maps for production run. Maps, igbp averages, and directional models were posted on the Website. (Chen) • All VIIRS related work. (Sun-Mack) • Worked Lapse Rate Paper reviews. (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"> • Updated Clouds Operator's Manual to contain environmental variables for CATALYST. (Miller) • Working on the program to read binary SSFB and SSFA files and to write HDF5 SSF file. (Antropov) 	

Table 4. June 26, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.5	Sothcott (Caldwell)	<ul style="list-style-type: none"> • SCCR 959 - Continued working on cleaning up scripts and code for the NPP software. Reviews result from the one hour of data available with the ADM and SOFA working groups and all agree that the results are encouraging. (Sothcott) • Started testing PGEs in the test environment in preparation for the system upgrades in July. (Sothcott) 	
4.6	Sothcott (Caldwell)	<ul style="list-style-type: none"> • Combined with above. 	
5.0	Caldwell (Sothcott)	<ul style="list-style-type: none"> • Beginning testing of OS upgrade on sles blades as directed by CERES Data Management. (Caldwell) • Successfully ported PGE CER5.1P2 to AMI for use in NPP processing. SARB expects to deliver code to process NPP into CRS sometime this fall. (Caldwell) 	
7.2	Caldwell (Sothcott)	<ul style="list-style-type: none"> • No new updates. (Caldwell) 	
12.0	Caldwell (Sothcott)	<ul style="list-style-type: none"> • No new updates. (Caldwell) 	
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> • Ran merged 201001 Terra/Aqua with the Edition4 narrowband to broadband conversion and LW ADM code. (Nguyen) • Updated code to use another method to convert radiances to LW fluxes. Provided plots for validation. (Nguyen) • Continue working on Edition4 SW for PGE CER10.0P3 using 1-hour GGEO. (Wrenn) 	
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 - Updating test plan to add PGE 9.0P5. (Keyes) • SCCR 940 - Will update Operator's Manual to add CER9.0P4 and CER9.0P5 to prepare for the delivery. (Nguyen) • SCCR 940 - Updated CER9.0P5 code to output some additional footprints that were previously shielded out. Continue proving validation support for the FluxByCloudTyp daily netCDF files. (Keyes) 	

Table 4. June 26, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
10.0 (Cont'd)	Nguyen (Keyes)	<ul style="list-style-type: none"> • Completed cleaning GOES-13 McIDAS images for May 2013. (Keyes) • Cleaning May 2013 MET7 satellite images. (Nguyen) 	
6.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • No new updates. (Raju) 	
9.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • SCCR 969 - Delta delivery. To provide 2013 Terra and Aqua xtrkHourly ancillary text files. These files are needed for processing last hour of December 2012 and 2013 months' production process. (Raju) • As per TISA science request added imager surface skin temperature in the Edition3 SFC record. Data access routines were modified and created a localcereslib for TISA members. Processed year 2010 Terra /Aqua data and provided SFCB files. (Raju) 	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • Work continued on PGE CER11.1P10 Edition3 and Edition4 PCF scripts. Tested Edition4 scripts successfully and implemented in the GGEO procedure. (Thomas Grepiotis, Raju) • Work continued on modifying Edition3 PGE CER11.4P1 code to create MODIS versus GEO visible, ir radiance match files for SW/LW Narrowband to Broadband model procedures. (Wrenn, Raju) • Checked May 2013 MET10 ir, vis images to remove bad scans. (Raju) • January 2010 MET09, GOE12, G11, MT1 (5-channel) NetCdf files were received from the cloud group. Images were processed through main processor and created CER_GRAN files. January 2010 MET7 Edition3 MCIDAS images with water vapor channel were processed through Edition3ToEdition4 main processor and created CER_GRAN with Edition4 format. All satellites' GRAN files were processed through Edition4 post processor and created 1-Hourly GGEO Composite file. Product validations showed few issues with 5- channel satellite data and sent the information to cloud group. (Raju) 	

Table 5. June 26, 2013 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> • Prepared Web code and database deliveries, complete with test cases, for SCCR 963. (Heckert, Grune, Coleman) • Met to discuss possibilities for PR status report for CPOB meetings. (Heckert, Grune, Coleman)
CERES Websites (Kizer)	<ul style="list-style-type: none"> • Continued with preparing to switch apache rules for handling <i>lposun</i> URL redirects. Discussions with Loyall continue with best strategies. (Kizer) • Generated new information page for the "Impact of GEOS-4.1 to GEOS-5.2 Change on Fluxes and Clouds in the SYN1deg Ed3A Product." (Kizer) • Modified FLASHFlux pages per request from the FLASHFlux team with addition of newest version. Also trying to default to edition availability view for FLASHFlux products only. (Kizer) • Added Clouds Working Group headers and footers to shared_data html files where possible. (Kizer)
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> • Supported promoting releases to the production. (Chu) • Working on the Web interface to browse GGEO product. (Chu) • Supported the activity of the ASDC upgrading PostgreSQL server. (Chu) • Presented the system architecture to the ASDC SA for the newly purchased rack servers. (Chu) • Coding standard for OT team was made. (Chu) • Several releases: v.2.4.1, 2.4.2, and 2.4.3 that either fixed some bugs or promoted new data sets to production. (Mitrescu) • Introduce "Version" option for the internal site; enables user to manipulate older versions of the products; still a work in progress. (Mitrescu) • Continue working on enhancing the flexibility of the OT for the internal site. (Mitrescu) • Processed several CERES datasets for the internal site. (Mitrescu) • Completed "Export Control Awareness" training. (Mitrescu)

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	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/A	N	N/A	N	N/A	n/a	n/a	Will comply with all the latest whenever delivered
	CER1.0P2	N	N/A	Y	16	Y	16	Y	N	C++ RDR Pre-Processor
	CER1.1P8	N	N/A	Y	16	Y	16	Y	N	C++ NPP, Terra, Aqua
	CER1.2P1	N	N/A	Y	16	Y	16	Y	N	C code, NPP capable.
	CER1.3P3	N	N/A	N	N/A	Y	16	Y	n/a	Replace with CER1.4P3 on P6
	CER1.4P1	N	N/A	Y	16	Y	16	Y	N	
	CER1.4P2	N	N/A	Y	16	Y	16	Y	N	
CER1.4P3	N	N/A	Y	18	Y	18	Y	N	ValRx approved for Edition3/4 Processing	
ERBE-like - 2	CER2.1P1	Y	16	Y	16	Y	16	Y	N	
	CER2.2P1	Y	15	Y	Y	Y	16	Y	N	Compile HDF with TK 15, run with TK 16
	CER2.3P1	Y	16	Y	16	Y	16	Y	N	
	CER2.3P2	Y	16	Y	16	Y	16	Y	N	
	CER2.4P1	Y	16	Y	16	N	N/A	Y	N	
ERBE-like - 3	CER3.1P1	Y	16	Y	16	Y	16	Y	N	
	CER3.2P1	Y	16	Y	16	Y	16	Y	N	
Clouds 4.1-4	CER4.1-4.0P2	Y	15	Y	18	N	N/A	Y	N	
	CER4.1-4.0P3	N	N/A	Y	18	N	N/A	Y	N	
	CER4.1-4.1P4	Y	16	SSIT	18	N	N/A	SSIT	N	Ed2, Edition1-CV
	CER4.1-4.1P5	Y	16	SSIT	18	N	N/A	SSIT	N	Ed2, Edition1-CV
	CER4.1-4.1P6	N	N/A	Y	18	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.1P7	N	N/A	Devel	18	N	N/A	N	N	NPP-VIIRS
	CER4.1-4.2P2	Y	15	SSIT	18	N	N/A	SSIT	N	Ed2, Edition1-CV
	CER4.1-4.2P3	Y	15	SSIT	18	N	N/A	SSIT	N	Ed2, Edition1-CV
	CER4.1-4.2P4	N	N/A	Y	18	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P5	N	N/A	Y	18	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P6	N	N/A	Devel	18	N	N/A	N	N	NPP-VIIRS
	CER4.1-4.2P7	N	N/A	Devel	18	N	N/A	N	N	NPP-VIIRS
	CER4.1-4.3P2	Y	15	SSIT	18	N	N/A	SSIT	N	Ed2, Edition1-CV
	CER4.1-4.3P3	N	N/A	Y	18	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.3P4	N	N/A	Devel	18	N	N/A	N	N	NPP-VIIRS

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	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
Inversion/SOF A 4.5-6	CER4.5-6.1P2	Y	16	ValRx	18	ValRx	18	ValRx	N	Ed2 Terra Main
	CER4.5-6.1P3	Y	16	ValRx	18	ValRx	18	ValRx	N	Ed2 Aqua Main
	CER4.5-6.1P4	N	N/A	Y	16	N	N/A	Y	Devel	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	N/A	Y	16	N	N/A	Y	Devel	Aqua Main Ed4 version of 1P3
	CER4.5-6.1P6	Y	16	Y	18	Y	18	N	N	NPP-VIIRS
	CER4.5-6.2P2	Y	16	ValRx	18	ValRx	18	ValRx	N	Ed2/Ed3 subsetter
	CER4.5-6.2P3	N	N/A	Y	16	N	N/A	Y	Devel	Subset postproc for Terra and Aqua (Ed4 version of 2P2)
	CER4.5-6.2P4	Y	16	Y	18	Y	18	Y	N	Ed3 daily post-processor
	CER4.5-6.4P1	Y	16	ValRx	18	ValRx	18	ValRx	N	Edition2 to <i>magneto</i>
	CER4.5-6.4P2	N	N/A	Y	16	N	N/A	Y	Devel	Monthly validation site (Ed4 for 4P1)
	CER4.5-6.5P4	Y	16	Y	18	Y	18	Y	N	IES-SSF Terra New PGE, Ed2 format
CER4.5-6.5P5	Y	16	Y	18	Y	18	Y	N	IES-SSF Aqua New PGE, Ed2 format	
SARB - 5	CER5.0P1	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.0P2	Y	15	Y	18	Y	18	Y	N	Ed2/Ed3
	CER5.1P1	Y	16	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.1P2	ValRx	16	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.1P3	N	N/A	Devel	16	Devel	16	N	N	New PGE - Edition4 Main for Terra and Aqua
	CER5.4P1	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.4P2	Y	16	N	N/A	N	N/A	n/a	n/a	Ed2 only
TISA Grid - 6	CER6.1P1	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER6.2P1	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER6.3P1	Y	15	N	N/A	N	N	n/a	n/a	Ed2 only
TISA Avg - 7.1	CER7.3.1P1	Y	16	Y	16	N	N/A	Y	N	New PGE for Edition3
SARB - 7.2	CER7.2.1P1	Y	16	N	N/A	Y	16	Y	N	P4 only Ed2 for now, X86 for Ed2 and Ed3

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}						Status of Misc. Item(s)		
Subsystem ID	PGE ID	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	Comments
TISA Avg - 8	CER8.1P1	Y	15	Y	16	N	N/A	Y	N	Migrate to AMI for Ed3
TISA Grid - 9	CER9.0P1	Y	15	Y	18	Y	18	Y	N	Ed2 only
	CER9.0P2	N	N/A	Y	16	Y	18	Y	N	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N/A	Y	16	Y	18	Y	N	ISCCP-D2like-MRG Main-processor
	CER9.0P4	N	N/A	Devel	18	N	N/A	Devel	N	
	CER9.0P5	N	N/A	Devel	18	N	N/A	Devel	N	
	CER9.1P1	Y	15	Y	18	N	N/A	Y	N	
	CER9.2P2	Y	16	Y	18	N	N/A	Y	N	PGE for Edition3
	CER9.2P3	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
	CER9.3P2	Y	16	Y	18	N	N/A	Y	N	PGE for Edition3
	CER9.3P3	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
TISA Avg - 10	CER9.4P2	Y	16	Y	18	N	N/A	Y	N	PGE for Edition3
	CER9.4P3	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
TISA Avg - 10	CER10.0P3	Y	16	Y	16	N	N/A	Y	N	PGE for Edition3
	CER10.0P4	N	N/A	SSI&T	18	SSI&T	18	SSI&T	N	Edition3A, Non-GEO
GGEO - 11	CER11.1P10	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.2P2	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.4P1	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.6P1	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.7P1	Y	16	Y	18	Y	18	Y	N	
Regrid MOA - 12	CER12.1P1	Y	16	Y	16	Y	16	Y	N	Edition 2/3
	CER12.1P2	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 or SSIT	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 4.5-6.1P6	New PGEs added to list
	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
4/1/2013	4.-14.1P6, 2P4, 2P5, 3P3	Changed TK version from 16 to 18
	10.0P4	Changed P6, X86, and New Wrapper Status from "Devel" to "SSI&T"
4/15/2013	1.4P3	Changed P6 and X86 status from "Y/Devel" to "Y/SSIT" to indicate an updated version to replace current functioning version is in testing
	4.-14.1P6, 2P4, 2P5, 3P3	Changed P6 status to "ValRx"
	All	Removed column for SGI information
5/1/2013	No updates	
5/15/2013	4.-14.1P6, 2P4, 2P5, 3P3	Changed P6 status to "Y"
	9.0P2,3	Changed X86 status from "N" to "Y" and X86 tk version from "N/A" to "18"
5/29/2013	No updates	
6/12/2013	4.1-4.1P4,5, 2P2, 2P3, 3P2	Changed P6 and New Wrapper status from "Devel" to "SSIT"
6/24/2013	1.4P3	Removed "SSIT" from P6 and X86 status, added comment about ValRx
	4.5-6.1P2,3, 2P2, 4P1	Changed P6, X86, and New Wrapper Status from "Y" to "ValRx"