August 7, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 08/05/13
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 *Upcoming Replacement PRs:* *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 *Upcoming Replacement PRs:* *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 *Upcoming Replacement PRs:* *NPP 92-13* *NPP 93-13* *NPP 94-13* *NPP 95-13*

August 7, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 08/05/13
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
NPP 14-12 to 17-12 SCCR 867	NPP	Edition1-CV	ERBElike	2.2P1 2.3P1, 2 3.1P1	Standing Request	PRs Active *Upcoming Replacement PRs:* *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 *Upcoming Replacement PRs:* *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
***** Snow and Ice Products PRs – Standing**						

August 7, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 08/05/13
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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**						
348-13 351-13 SCCR 956	FM1, FM2	Edition3	BDS/IES	1.4P3 1.2P1	9/30/2012 – 2/28/2013	Review Complete Priority 2
349-13 352-13 SCCR 956	FM3	Edition3	BDS/IES	1.4P3 1.2P1	9/30/2012 – 2/28/2013	Pending SIT Review Priority 2
350-13 353-13 SCCR 956	FM4	Ed3-NoSW	BDS/IES	1.4P3 1.2P1	9/30/2012 – 2/28/2013	Pending SIT Review Priority 2

August 7, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 08/05/13
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
354-13 357-13 359-13 SCCR 867	FM1	Edition3	ES8	2.2P1 2.3P1 2.3P2	10/1/2012 – 2/28/2012	Pending SIT Review Priority 2
355-13 358-13 360-13 SCCR 867	FM3	Edition3	ES8	2.2P1 2.3P1 2.3P2	10/1/2012 – 2/28/2012	Pending SIT Review Priority 2
356-13 SCCR 867	FM4	Ed3-NoSW	ES8	2.2P1	10/1/2012 – 2/28/2012	Pending SIT Review Priority 2
361-13 SCCR 867	Terra	Edition3	ES4, ES9	3.1P1	10/2012 - 1/2013	Pending SIT Review Priority 2
362-13 SCCR 867	Aqua	Edition3	ES4, ES9	3.1P1	10/2012 - 1/2013	Pending SIT Review Priority 2
363-13 SCCR 867	FM1+ FM3	Edition3	ES4, ES9	3.2P1	10/2012 - 1/2013	Pending SIT Review Priority 2
***** Edition 3 SSF & SSF1deg-Hour (SSF, SFC & SAH)**						
330-13 331-13 332-13 SCCR 939	Terra	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	9/30/12 – 4/30/13	Pending Review Priority 2
333-13 334-13 335-13 SCCR 939	Aqua	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	9/30/12 – 4/30/13	Pending Review Priority 2
338-13 SCCR 914	Terra	Edition3A	SFC-HR	9.2P2	9/300/2012 – 4/30/2013	Pending Review Priority 3
339-13 340-13 SCCR 914	Terra	Edition3A	SFCB SFC	9.3P2 9.4P2	10/12 – 4/13	Pending Review Priority 3

August 7, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 08/05/13
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
341-13 SCCR 914	Aqua	Edition3A	SFC-HR	9.2P2	9/300/2012 – 4/30/2013	Pending Review Priority 3
342-13 343-13 SCCR 914	Aqua	Edition3A	SFCB SFC	9.3P2 9.4P2	10/12 – 4/13	Pending Review Priority 3
336-13 SCCR 917	Terra	Edition3A	SAH	5.0P2	10/12 – 4/13	Pending SIT Review Priority 3
337-13 SCCR 917	Aqua	Edition3A	SAH	5.0P2	10/12 – 4/13	Pending SIT Review Priority 3
***** Edition 3 TSI --> SYNI --> SYN1deg**						
344-13	Terra+ Aqua	Edition3A	Pre-TSI	10.0P3	10/2012 – 3/2013	Pending Review Priority 3
345-13	Terra+ Aqua	Edition3A	TSI	7.3.1P1	10/2012 – 3/2013	Pending Review Priority 3
346-13	Terra+ Aqua	Edition3A	SYNI	7.2.1P1	10/2012 – 3/2013	Pending Review Priority 3
347-13	Terra+ Aqua	Edition3A	SYN1deg suite	8.1P1	10/2012 – 3/2013	Pending Review Priority 3
***** Edition 3 SSF1deg**						
187-13 SCCR 934	Terra	Edition3A	SSF1deg-Day, Month	10.0P4	~~3/2000 – 11/2012~~ 3/2000 – 4/2006	Ready - Final Priority Level 2
314-13 SCCR 934	Terra	Edition3A	SSF1deg-Day, Month	10.0P4	5/2006 – 11/2007	Ready - Final Priority Level 2
315-13 SCCR 934	Terra	Edition3A	SSF1deg-Day, Month	10.0P4	12/2007 – 6/2010	Ready - Final Priority Level 2
316-13 SCCR 934	Terra	Edition3A	SSF1deg-Day, Month	10.0P4	7/2010 – 11/2012	Ready - Final Priority Level 2
188-13 SCCR 934	Aqua	Edition3A	SSF1deg-Day, Month	10.0P4	7/2002 – 11/2012 7/2002 – 4/2006	Ready - Final Priority Level 2
317-13 SCCR 934	Aqua	Edition3A	SSF1deg-Day, Month	10.0P4	5/2006 – 11/2007	Ready - Final Priority Level 2

August 7, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 08/05/13
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
318-13 SCCR 934	Aqua	Edition3A	SSF1deg-Day, Month	10.0P4	12/2007 – 6/2010	Ready - Final Priority Level 2
319-13 SCCR 934	Aqua	Edition3A	SSF1deg-Day, Month	10.0P4	7/2010 – 11/2012	Ready - Final Priority Level 2
****** 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 Review Complete
216-13	Terra	Edition3A	ISCCP-D2like-Mrg	9.0P2	3/2000 – 6/2012	PR Review Complete
217-13	Aqua	Edition3A	ISCCP-D2like-Mrg	9.0P2	7/2002 – 6/2012	PR Review Complete
218-13	Mrg	Edition3A	ISCCP-D2like-Mrg	9.0P3	3/2000 – 6/2012	PR Review Complete

August 7, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 08/05/13
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
****** The PRs are for PGEs that have not completed pre-op testing and been promoted to the production environment**						
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	ValR1-P6	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	4/13	Review Complete Priority Level 1
293-13 294-13 295-13 SCCR 912	Aqua	ValR1-P6	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	4/13	Review Complete Priority Level 1
96-13 297-13 298-13 SCCR 912	Terra	ValR1-X86	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	4/13	Review Complete Priority Level 1
299-13 300-13 301-13 SCCR 912	Aqua	ValR1-X86	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	4/13	Review Complete Priority Level 1
****** The PRs that follow are for PGEs that are pending delivery.**						
****** The PRs that follow have completed processing since the last report**						

August 7, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 08/05/13
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
42-13, 44-13, 46-13 SCCR 914	Aqua	Edition3A	SFC	9.2P2 9.3P2 9.4P2	6/2012 – 8/2012	Complete 7/8/13
233-13 SCCR 938	Terra+ Aqua	Edition3A	SYNI	7.2.1P1	12/2011	PR Ready - Final Processing Should be listed Complete 7/3/13
302-13 SCCR 956	FM1	ValR1956-Ed3-X86		1.4P3	8/1/12 – 8/4/12	PR Pending ValRx Review Should be listed "Complete"
303-13 SCCR 956	FM3	ValR1956-Ed3-X86		1.4P3	8/5/12 – 8/9/12	PR Pending ValRx Review Should be listed "Complete"
304-13 SCCR 956	FM2	ValR1956-Ed3-P6		1.4P3	8/1/12 – 8/4/12	PR Pending ValRx Review Should be listed "Complete"
305-13 SCCR 956	FM4	ValR1956-Ed3-P6		1.4P3	8/5/12 – 8/9/12	PR Pending ValRx Review Should be listed "Complete"
306-13 SCCR 956	FM2	ValR1956-Ed4-X86		1.4P3	8/10/13 – 8/14/13	PR Pending ValRx Review Should be listed "Complete"
307-13 SCCR 956	FM4	ValR1956-Ed4-X86		1.4P3	8/10/13 – 8/14/13	PR Pending ValRx Review Should be listed "Complete"
308-13 SCCR 956	FM1	ValR1956-Ed4-P6		1.4P3	8/15/12 – 8/19/12	PR Pending ValRx Review Should be listed "Complete"

August 7, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 08/05/13
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
309-13 SCCR 956	FM3	ValR1956-Ed4-P6		1.4P3	8/15/12 – 8/19/12	PR Pending ValRx Review Should be listed "Complete"
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 Should be listed "Complete"
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 Should be listed "Complete"
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 Should be listed "Complete"
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 Should be listed "Complete"
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 Should be listed "Complete"
310-13 SCCR 917	Aqua	Edition3A	SAH	5.0P2	7/10 – 12/11	PR Active Should be listed Complete
****** The PRs that follow have completed processing, but need SCCR 963 to be promoted before being closed**						

August 7, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 08/05/13
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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
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	On Hold – Production – Input Data Cancel when SCCR 963 promoted
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	On Hold – Production – Input Data Cancel when SCCR 963 promoted
162-13 163-13 SCCR 877	FM1, FM2	Edition3	BDS/IES	1.4P3 1.2P1	10/1/2012 – 12/31/2012	Active Cancel when SCCR 963 promoted
164-13 165-13 SCCR 877	FM3	Edition3	BDS/IES	1.4P3 1.2P1	10/1/2012 – 12/31/2012	Active Cancel when SCCR 963 promoted
166-13 167-13 SCCR 877	FM4	Ed-NoSW	BDS/IES	1.4P3 1.2P1	10/1/2012 – 12/31/2012	Active Cancel when SCCR 963 promoted

Table 2. July 24, 2013 - System Issues and Status

Activity	Lead	Status
SEC	Miller	• A meeting to discuss the newest configuration code updating scheme was held. Lisa Coleman presented the current strategy and provided a draft flow chart of the process used to update the configuration codes. Lisa also provided a draft of an outline for a document describing this process. (Cooper - Denise.L.Cooper@nasa.gov)
CM/Documentation	Ayers (Saunders)	• See Table 3 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 3. (Ayers - Tammy.O.Ayers@nasa.gov) • SCCR 969 – Installed this TISA Gridding delta delivery on *AMI-P* and released it to the ASDC on July 23. (Ayers) • SCCR 972 – Released this PR_Database delivery to the ASDC on July 23. (Ayers) • SCCR 976 – Installed this TISA Averaging delta delivery on *AMI-P* and released it to the ASDC on July 30. (Ayers) • Documented via email the procedure for promoting CERESlib and Perl_Lib deliveries to production. Going forward, CERESlib and Perl_Lib deliveries will be promoted to both the PPE and to production once they are released by CERES CM to the SIT Team. (Ayers)
AMI Job Submission Scripts (AJSS)	Ayers (Hillyer)	• Assisting subsystems with the job submission scripts for upcoming deliveries as necessary. (Grepiotis - Arthur.T.Grepiotis@nasa.gov)

Table 3. SCCR Activity July 22 at 2:30 p.m. – August 5 at 1:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
969				X		TISA Gridding		
973			X			Inversion		
974			X			Inversion		
975			X			Instantaneous SARB		
976	X		X	X		TISA Averaging	13	

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

CERES Software Configuration Change Request Submittal

==========

Subsystem: TISAavg7.1 SCCR Date & TIME: 2013-07-30 11:17:34 SCCR No.: 976

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
Requirement # 7.3.14 Delta Delivery
Update the SORCE solar radiation file to add data up to July 2013.

Reason for Change (Science):
Requirement # 7.3.14 Delta Delivery
For processing 2013 TSI data

Description of Change (non-Science):
N/A

Reason for Change (non-Science):
N/A

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and Description of Parameter Change:
N/A

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem:
CER7.3.1P1

Estimated Time to Complete Change: 1 day
Planned Delivery Date: July 30, 2013
List Affected Subsystems and PGE Names: CER8.1P1

Originator: NGUYEN, CATHY (SSAI)

Table 4. July 24, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	• Nothing to report. (Hillyer - Thomas.N.Hillyer@nasa.gov)	
CERES-lib	Hillyer (Wilkins)	• Nothing to report. (Hillyer)	
Perl_Lib	Hillyer (Wilkins)	• SCCR 971 - Delivering stability fix for SGE submissions. (Hillyer)	
CERES Proc. System	Hillyer (Wilkins)	• SCCR 937 - Supporting SSIT for 1.0.2 testing. (Hillyer, Wilkins - Joshua.C.Wilkins@nasa.gov) • SCCR 937 – Set up testing environment to send latest version of PRs from the PR Tool to CATALYST. • SCCR 937 – Fixed many performance-related bugs in CATALYST server code, resulting in greater than 3 fold improvement in CATALYST-internal operation speed. Extended automatic handling of will-not-run conditions in Clouds and Inversion processing chain, greatly reducing need for manual intervention in processing. (Hillyer, Wilkins) • Working on Improved Operator's Console for minor release after SCCR 937. (Wilkins) • Working on CATALYST Build 1.1. (Hillyer, Wilkins)	
1.0	Cooper (Grepiotis)	• SCCR 956 – ValRs have been approved, waiting for promotion. CER1.1P8 for NPP is the highest priority, Edition3 reprocessing can be done at the same time, however, is a lower priority than the NPP Edition1-CV reprocessing effort. (Cooper - Denise.L.Cooper@nasa.gov, Grepiotis - Arthur.T.Grepiotis@nasa.gov) • Completed the Instrument Edition4 validation runs thru March 2013. (Cooper) • Continuing work on script updates to create subdirectories for each PGE in the runlogs directory. (Cooper, Grepiotis) • 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. (Grepiotis) • Continued work on improvements to the existing	

Table 4. July 24, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
		Instrument PGEs as time permits. 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. Also working on a new C++ version of the CERES Metadata routines. (Grepiotis)	
2.0	Walikainen (Lande)	• SCCR 956 - Continued monitoring progress toward promotion: SIT approved and ran 1.4P3 ValRs in PPE area, later validated by Denise. Verified all approved replacement Baseline PRs in PR database, and wrote/submitted remaining replacement Ed1-CV PRs (2.3P1/2 & 3.1P1 for Terra/Aqua, all approved). June Ed1-CV production jobs finally ran on July 24/26 (DPO check). Provided feedback to Vertley/Angel on remaining issues (PRs still pending SIT review, PR starting dates, CC codes) and confirmed Aug01 as initial Baseline processing date. All replacement SPRs now 'Ready Final'. Noted lack of updates to 1.4P3 & 1.1P8 codes/scripts in production area, and notified Walt/Jonathan of lack of SCCR promotion at SSAI/SD Poster session @ RCC on Aug02. (Lande - Jeremie.lande-1@nasa.gov) • Provided analysis/feedback to Lisa's inquiry on next set of Ed3 processing (i.e. PGE date ranges) for Instrument & ERBE-like. After discussions w/ Susan/Angel, decided to split next Ed3 PRs into 2 sets: wrote first set of PRs for reprocessing period only (Oct-Feb) and had them approved by Denise/Thomas. Notified Angel/Reynold of old Ed3 PRs still listed as 'Active' in PR database. (Lande) • Tested new CM Move script for future ERBE-like deliveries (SRFs/SCCRs). Tested ERBE-like portion of earth-www.larc.nasa.gov site after web cluster disk maintenance until fully functional. Verified Raja's delivered 2013 Terra/Aqua X-track anc files having no zeroes for instrument. (Lande) • Provided Instrument Working Group with candidate Aqua & Terra Edition4 SRFs. Analyzed and prepared next set (Mar & Apr '13) of Edition3 SRFs for delivery. (Walikainen -	

Table 4. July 24, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
		Dale.R.Walikainen@nasa.gov)	
3.0	Walikainen (Lande)	• Combined with above.	
4.1 4.1 (Cont'd)	Sun-Mack (Brown) Sun-Mack (Brown)	• Working with Churngwei on some components of one of the visualization tools. (Heckert - Elizabeth.C.Heckert@nasa.gov) • Working with Pam Mlynczak to finalize scripts for reporting CERES Ordering Tool statistics to EMS. (Heckert) • Continuing development of SCCR Dashboard tool. (Heckert) • Continuing work on a few bug fixes/small change requests for CERES PR Tool web interface, preparing for delivery version 1.3.0. (Heckert) • QC global images and statistics for Terra Beta2-Ed4 from 200101 through 200210 were processed. Results were posted on the Web. (Brown – Ricky.R.Brown@nasa.gov) • Ed4-Beta2-Correct QC data for 200801, 200804, 200807, and 200810 were processed along with corresponding months of Ed4-Beta2. Differences were produced and results were posted on the Web. (Brown) • QC plot scripts were modified to produce horizontal plots and vertical plots. (Chen - Yan.Chen-1@nasa.gov, Brown) • SCCR 960 - Continued work on 2P4,2P5,3P3 PCF generator conversions. (Smith - Rita.A.Smith@nasa.gov) • SCCR 919: Ran testing to compare 1P4 and 1P5 outputs from magneto and *AMI*. (Smith) • Ed4 Beta2: Ran testing of 1P6 with a code correction. (Smith) • SCCR 960 - Generated Individual maps and difference maps from VIIRS and MODIS models of cloud properties for the VIIRS code delivery. (Chen) • SCCR 919 - Created the difference between produced and expected CloudVis to check the new node on *AMI*. (Chen) • Finished processing C3M products for the 4 seasonal	

Table 4. July 24, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	months of 2010 with Ed4 Clouds. (Chen) • Continue checking the daily ingest completion of VIMD (03001) and VAOT (03001) data on /ASDC_archive. (Chen) • SCCR 960, SCCR 919 and Ed4 Beta2 - Worked with all clouds members on all issues arisen. (Sun-Mack - Szedung.Sun-mack-1@nasa.gov) • SCCR 960 - Working on VIIRS algorithms. (Sun-Mack) • The DX Global Difference program was enhanced to plot zonal QC statistics for Land, Ocean, and All types. It also outputs two individual global image files in addition to the difference image. (Gibson - Sharon.C.Gibson@nasa.gov)	
4.2	Sun-Mack	• Combined with above.	
4.3	Sun-Mack	• Combined with above.	
4.4	Miller (Antropov)	• Documenting a program to read binary SSFB and SSFA files and to write HDF5 SSF file. (Antropov - Igor.Antropov@nasa.gov) • Validating HDF5 SSF file with IDL code. (Miller - Walter.F.Miller@nasa.gov)	
4.5	Sothcott (Caldwell)	• Continued work with the SOFA group to incorporate the MATCH hourly netCDF aerosol files into the Edition4 software. (Sothcott - Victor.E.Sothcott@nasa.gov) • Working with the ADM and SOFA working groups to outline the schedule for delivery for the Edition4 software to be ready for the October delivery. (Sothcott)	
4.6	Sothcott (Caldwell)	• Combined with above.	
5.0	Caldwell (Sothcott)	• SCCR 975 - Working on scripting for delivery of 5.1P2 to *AMI*. (Caldwell - Thomas.E.Caldwell@nasa.gov) • Finalizing product specifications for Edition4 SYNI. SARB group hopes to start validation testing of Edition4 SYNI in the next few weeks. (Caldwell)	
7.2	Caldwell (Sothcott)	• No new updates. (Caldwell)	

Table 4. July 24, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
12.0	Caldwell (Sothcott)	• No new updates. (Caldwell)	
7.1	Nguyen (Keyes)	• Preparing to clean up the MET7 satellite images. (Nguyen - Le.T.Nguyen@nasa.gov) • Cleaning up GOES13 satellite images. (Keyes - Dennis.F.Keyes@nasa.gov) • Updated IDL plot code to combine plots of the before and after LW normalization. (Nguyen) • MET7 GGEO data showed the LW fluxes were significantly different compare with other satellite data. Searched for the cause of the difference. (Nguyen) • SCCR 976 – Delivered updated SORCE file to add the daily solar incoming data up to July 23, 2013. (Nguyen) • Meeting with SARB group to discuss Edition4 TSI. (Nguyen)	
8.0	Nguyen (Keyes)	• Meeting with SARB group to discuss the Edition4 SYN products. (Nguyen)	
10.0	Nguyen (Keyes)	• Used SYN 1-deg Lite code to support the study of using 1-hour Edition4 GGEO benefit. Ran different cases of using 3-hour Edition3 versus 1-hour Edition4 GGEO data. Produced plots to compare the results. (Nguyen) • SCCR 940 - Continue providing validation support for the FluxByCloudTyp daily netCDF files. (Keyes - Dennis.F.Keyes@nasa.gov)	
6.0	Raju (F. Wrenn)	• No new updates. (Raju - Rajalekshmy.I.Raju@nasa.gov)	
9.0	Raju (F. Wrenn)	• SCCR 969 – Completed. (Raju) • ISCCP-D2like-Mrg comparisons between Edition2 and Edition3 versions showed differences for some months. Checked 03/2000 – 04/2010 Terra/Aqua PGE 9.0P2 log files for any missing SSF inputs. Found 07/2006 & 03/2010 differences were due to missing Terra SSF inputs and 06/2006 differences were due to using MODIS collestion4 Vs. collection 5 inputs. Continue to investigate 05/2006 and 12/2007 months to find the reason for the	

Table 4. July 24, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
		differences. (Raju) • Work inititated to make modifications to Edition4 SFC code (SCCR 739) that was set up previously some time in 2009. (Raju)	
11.0	Raju (F. Wrenn)	• Work continued on Edition3 PGE CER11.4P1 code modifications to create MODIS Vs. GEO visible, ir radiance match files for SW /LW Narrowband to Broadband model procedures. (Wrenn - Forrest.J.Wrenn@nasa.gov) • Received a perl script from Walt Miller that create PDRs for NetCdf files as required by ASDC to ingest and archiving. Generated PDRs for both 01/2010 and 04/2010 months' files and made available to ASDC. (Raju) • Work continued on PGE 11.2P2 code to improve processing times. Found that reading inputs as hour/regions and writing them as region/hours on to direct files causing to have time delay. Different approaches were tested and one method where reading the input data into memory ~3gb, sort and writing them sequencially on to outputs reduced processing time considerably. Tested 01/2010 data and the output validations showed no problems. (Raju, Moguo)	

Table 5. July 24, 2013 – DM Tasks

Activity	Status
Production Processing Database/ Automation (Coleman)	• Prepared release notes that will be used when promoting SCCRs 963 and 972 to production. (Grune - Carla.O.Grune@nasa.gov) • Prepared short presentation for CPOB regarding PR LIfe Cycle and associated email distribution. (Coleman - Lisa.H.Coleman@nasa.gov) • Met with SEC to discuss strategy and associated documentation for assigning CC numbers. (Coleman, Cooper, Grepiotis, Sothcott, Davenport, Hopson)
CERES Websites (Kizer)	• Attended a Science Directorate Web planning meeting with Lin Chambers and others to discuss the future needs of SD websites. (Kizer - Edward.A.Kizer@nasa.gov) • Continued to look into changing links from the ASDC Ordering Tool to point directly to Reverb to order CERES archived HDF products. (Kizer) • Continue to modify CERES website product pages as requested. Modified tables code to show table via multiple pages as needed. (Kizer) • Continuing to research the use of Google tracking tools for the CERES website. (Kizer) • Began modifying ERBEWEB header script and page headers to conform to a better maintenance standard. (Kizer)
CERES Ordering Tool (Chu/ Mitrescu)	• Create ISCCP-D2 (and differences) on internal site for QC. (Mitrescu - Cristian.Mitrescu@nasa.gov) • Generate EBAF-Surface data for the internal site. (Mitrescu) • Create EBAF TOA and Surface ESG data files. (Mitrescu) • Continue work on expanding the functionality of the internal site. (Mitrescu) • Working on GGEO-Composite. Experimenting the auto complete user interface for selecting parameters. Experimenting the subscriber/publisher design pattern to manage the complexity of JavaScript on browsers. (Chu - Churngwei.Chu-1@nasa.gov) • Supporting the activities of setting up new hardware with ASDC. (Chu) • Working on C3M product. Investigating dae file format to display curtain images on Google earth. (Chu)

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/SOFA 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	Devel	18	Devel	18	***N***	***N***	Edition4
	CER4.5-6.1P7	N	N/A	Devel	18	Devel	18	***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 *magneto*
	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	Devel	18	Devel	18	***N***	n/a	AMI versions will be used for NPP-VIIRS processing
	CER5.1P3	N	N/A	Devel	18	Devel	18	***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
	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	Y	18	Y	18	Y	***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	SGI	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