

May 14, 2014 - System Issues and Status

Table 1: PR Status for 05/14/14
(Status as of 05/12/14)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Active PRs only) (Unless noted, Statuses apply to all PRs in row)
*** Baseline1-QC PRs – Standing						
NPP 11-12 NPP 84-13 NPP 88-13 NPP 91-13 NPP 285-13 SCCRs 956, 863, 756, 867	NPP	Baseline1-QC	BDS/ ES8	1.0P2, 1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	Active
AM 81-13 AM 85-13 AM 89-13 AM 282-13 PM 82-13 PM 86-13 PM 87-13 PM 90-13 PM 83-13 SCCRs 956, 863, 756, 867	Terra Aqua (FM3, FM4)	Baseline1-QC	BDS/ES8	1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	Active
*** Edition1-CV PRs – Standing						
NPP 92-13 NPP 93-13 NPP 94-13 NPP 95-13 SCCRs 911, 956, 863, 756, 770	NPP	Edition1-CV	BDS/IES/ PreS8	1.0P2, 1.1P8, 1.2P1, 1.4P1,1.4P2	Standing Request	Active

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NPP 289-13 NPP 159-13 NPP 160-13 NPP 161-13 SCCR 867	NPP	Edition1-CV	ERBElke	2.2P1 2.3P1, 2 3.1P1	Standing Request	Active
AM 108-13 AM 111-13 AM 133-13 AM 279-13 AM 286-13 AM 320-13 AM 323-13 AM 327-13 SCCRs 956, 863, 756, 867	Terra	Edition1-CV	BDS/ ERBElke (SS1-3)	1.1P8 1.2P1 1.4P1&2, 2.1P1 2.2P1 2.3P1/2 3.1P1	Standing request	Active
PM 109-13 PM 112-13 PM 134-13 PM 280-13 PM 287-13 PM 321-13 PM 325-13 PM 328-13 SCCRs 956, 863, 756, 867	Aqua FM3	Edition1-CV	BDS/ ERBElke (SS1-3)	1.1P8 1.2P1 1.4P1&2, 2.1P1 2.2P1 2.3P1/2 3.1P1	Standing request	Active

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PM 110-13 PM 113-13 PM 135-13 PM 281-13 PM 288-13 PM 322-13 PM 326-13 PM 329-13 SCCRs 956, 863, 756, 867	Aqua FM4	Ed1-CV- NoSW	BDS/ ERBELike (SS1-3)	1.1P8 1.2P1 1.4P1&2, 2.1P1 2.2P1 2.3P1/2 3.1P1	Standing request	Active
AM 390-13, AM 136-13 137-13 to AM 139-13 PM 391-13 PM 140-13 141-13 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	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	Active
*** Snow and Ice Products PRs – Standing						
M 3-12 SCCR 918		NSIDC- CLASS	EICE ESNOW	4.1-4.0P2	Standing Request	Active
M 1-13 SCCR 943		NSIDC- AFWA- Mesh16th	ESNOW EICE	4.1-4.0P3	Standing Request	Active
M 2-12 SCCR 867		NSIDC	SNOW (ERBE-like Edition1-CV)	2.1P1	Standing Request	Active

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*** MOA/PMOA Products PRs – Standing						
M 3-11 SCCR 920	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	Active
M 2-12- SCCR 914	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	Active
M 205-13	CERES	GMAO-G541-Ed4	MOA	12.1P2	Standing request 3/2/13 thru 4/1/15	Active
The PRs that follow are the Non-Standing PRs that can be processed						
*** Edition 3 Instrument & ERBEl like PRs						
572-14, 582-14 SCCRs 979, 863	FM4	Ed3-NoSW	BDS, IES	1.4P3	11/1/2014 – 12/31/2013	Ready-Final Priority 2
576-14 SCCR 867	FM4	Ed3-NoSW	SCCD, SCCN	2.4P1	11/15/2013 – 12/15/2013	Ready - Final Priority 2
589-14 SCCR 867	FM4	Ed3-NoSW	ES8	2.2P1	11/1/2014 – 12/31/2013	Ready - Final Priority 2
570-14 580-14 SCCRs 979, 863	FM1, FM2	Edition3	BDS, IES	1.4P3 1.2P1	11/1/2014 – 12/31/2013	Ready - Final Priority 2
*** Edition 4 Instrument & ERBEl like PRs						
452-13 SCCR 983	FM3	Edition4	SCCD, SCCN	2.4P1	6/15/2002- 12/15/2009	Ready Final Priority 2
453-13 SCCR 983	FM4	Edition4	SCCD, SCCN	2.4P1	6/15/1002 – 3/15/2005	Ready Final Priority 2
454-13 SCCR 983	FM4	Ed4-NoSW	SCCD, SCCN	2.4P1	4/15/2005 – 12/15/2009	Ready Final Priority 2

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455-13 472-13 474-13 SCCR 867	FM3 FM4	Edition4	ES8	2.2P1 2.3P1 2.3P2	6/18/2002 – 3/29/2005	Ready Final Priority 2
456-13 473-13 475-13 SCCR 867	FM3	Edition4	ES8	2.2P1 2.3P1 2.3P2	3/30/2005-12/31/2009	Ready Final Priority 2
457-13 SCCR 867	FM4	Ed4-NoSW	ES8	2.2P1	3/30/2005-12/31/2009	Ready Final Priority 2
476-13 SCCR 867	Aqua	Edition4	ES4, ES9	3.1P1	7/2002 – 11/2009	Ready Final Priority 2
556-14 SCCR 867	Terra +Aqua	Edition4	ES4, ES9	3.2P1	7/2002 – 11/2009	Ready Final Priority 2
*** Edition 3 SSF & SSF1deg-Hour (SSF, SFC & SAH)						
468-13 469-13 SCCR 914	Aqua	Edition3A	SFCB SFC	9.3P2 9.4P2	4/2013 – 5/2013	Ready Final Priority 2
*** Edition 3 TSI --> SYNI --> SYN1deg						
*** Edition 3 SSF1deg						
521-13 SCCR 934	Terra	Edition3A	SSF1deg	10.0P4	6/2013 – 9/2013	Review Complete Priority 2
522-13 SCCR 934	Aqua	Edition3A	SSF1deg	10.0P4	6/2013 – 9/2013	Pending subsystem review Priority 2
**** Beta2-Ed4 SSFi --> SSF						
631-14 639-14 thru 641-14 SCCR 947	FM1, FM2	Beta2-Ed4	SSFi	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	6/2005 – 12/2009	Pending review Priority 2

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618-14 thru 620-14 SCCR 814	FM1, FM2	Beta2-Ed2	SSF	4.5-6.1P4 4.5-6.2P3 4.5-6.4P2	6/2005 – 12/2009	Pending review Priority 2
617-14 628-14 thru 630-14 SCCR 947	FM3, FM4	Beta2-Ed4	SSFi	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	4/2005 – 12/2009	Active Priority 2
621-14 623-14 625-14 SCCR 814	FM3	Beta2-Ed4	SSF	4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	4/2005 – 12/2009	Active Priority 2
626-14 thru 628-14 SCCR 814	FM4	Beta2-Ed4- NoSW	SSF	4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	4/2005 – 12/2009	Pending review Priority 2
*** ISCCP-D2like Stream (all the ISCCP-D2like products)						
388-13 SCCR 961	Mrg	Edition3A	ISCCP- D2like-Mrg	9.0P3	7/2012 – 3/21013	Ready - Final Priority 2
419-13 SCCR 961	Mrg	Edition3A	ISCCP- D2like-Mrg	9.0P3	10/2012 – 4/21013	Ready – Final Priority 2
485-13 SCCR 961	Mrg	Edition3A	ISCCP- D2like-Mrg	9.0P3	5/2013 - 6/21013	Ready Final Priority 2
516-13 SCCR 961	Mrg	Edition3A	ISCCP- D2like-Mrg	9.0P3	7/2013 - 8/21013	Ready - Final Priority 2
611-14 SCCR 961	Mrg	Edition3A	ISCCP- D2like-Mrg	9.0P3	11/2013 – 12/2013	Ready Final Priority 2
642-14 SCCR 915	Aqua	Edition3A	ISCCP- D2like- Day/Nit	9.0P1	11/1/13 – 12/31/13	Pending SIT Review Priority 2
523-13 SCCR 916		Edition3A	ISCCP- D2like-GEO	11.7P1	7/13 – 8/13	Ready Final Priority 2
616-14 SCCR 916		Edition3A	ISCCP- D2like-GEO	11.7P1	9/13 – 12/13	Ready Final Priority 2

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**** 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 thru 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 thru 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 thru 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						
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	PR Status Active Need to be closed

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AM 1-12 PM 9-11 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	PR Status Active Need to be closed
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	PR Status Active Need to be closed
NPP 14-12 to 17-12 SCCR 867	NPP	Edition1-CV	ERBELike	2.2P1 2.3P1, 2 3.1P1	Standing Request	PR Status Active Need to be closed
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	PR Status Active Needs to be closed
355-13 358-13 360-13 SCCR 867	FM3	Edition3	ES8	2.2P1 2.3P1 2.3P2	10/1/2012 – 2/28/2013	Pending Op Review
356-13 SCCR 867	FM4	Ed3-NoSW	ES8	2.2P1	10/1/2012 – 2/28/2013	Pending Op Review
546-14 549-14 551-14 SCCR 867	FM1, FM2	Edition3	ES8	2.2P1 2.3P1 2.3P2	7/1/2013 – 10/31/2013	Pending Op Review

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362-13 SCCR 867	Aqua	Edition3	ES4, ES9	3.1P1	10/2012 - 1/2013	Pending Op Review
363-13 SCCR 867	FM1+ FM3	Edition3	ES4, ES9	3.2P1	10/2012 - 1/2013	Pending Op Review
496-13 SCCR 867	FM3	Edition3	SCCD, SCCN	2.4P1	7/1/2013 – 8/31/2013	PR Active Should be Complete
546-14 549-14 551-14 SCCR 867	FM1 FM2	Edition3	ES8	2.2P1 2.3P1 2.3P2	7/1/2013 – 10/31/2013	Complete – Pending Op Review
547-14 550-14 552-14 SCCR 867	FM3	Edition3	ES8	2.2P1 2.3P1 2.3P2	7/1/2013 – 10/31/2013	Complete – Pending Op Review
493-13 490-13 SCCRs 863, 956	FM4	Ed3-NoSW	BDS, IES	1.2P1 1.4P3	7/1/2013 – 8/31/2013	PR Active Should be complete
538-14 541-14 SCCRs 863, 956	FM4	Ed3-NoSW	BDS, IES	1.2P1 1.4P3	9/1/13 – 10/31/13	PR Ready Final Should be Complete
497-13 SCCR 867	FM4	Ed3-NoSW	SCCD, SCCN	2.4P1	7/1/2013 – 8/31/2013	PR Active Should be complete
545-14 SCCR 867	FM4	Ed3-NoSW	SCCD, SCCN	2.4P1	9/13 – 10/13	Complete – Pending Op Review
548-14 SCCR 867	FM4	Ed3-NoSW	ES8	2.2P1	7/1/2013 – 10/31/2013	Complete – Pending Op Review
553-14 SCCR 867	Terra	Edition3	ES4, ES9	3.1P1	6/1/2013 – 9/30/2013	Complete – Pending Op Review
567-14 SCCR 979	FM1, FM2	ValR979-Ed3	BDS, IES	1.4P3	9/13/2013	PR Ready Final Should be Complete

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568-14 SCCR 979	FM3	ValR979-Ed3	BDS, IES	1.4P3	9/13/2013	PR Ready Final Should be Complete
579-14 SCCR 979	FM4	ValR979-Ed3	BDS, IES	1.4P3	9/13/2013	PR Ready Final Should be Complete
577-14 SCCR 979	FM1, FM2	ValR979-Ed4	BDS, IES	1.4P3	1/5/2010	PR Ready Final Should be Complete
578-14 SCCR 979	FM3	ValR979-Ed4	BDS, IES	1.4P3	1/5/2010	PR Ready Final Should be Complete
579-14 SCRR 979	FM4	ValR979-Ed4	BDS, IES	1.4P3	1/5/2010	PR Ready Final Should be Complete
554-14 SCCR 867	Aqua	Edition3	ES4, ES9	3.1P1	6/1/2013 – 9/30/2013	Pending Op Review
555-14 SCCR 867	Terra +Aqua	Edition3	ES4, ES9	3.2P2	6/2013 – 9/2013	Pending Op Review
571-14 581-14 SCCRs 979, 863	FM3	Edition3	BDS, IES	1.4P3	11/1/2014 – 12/31/2013	581 complete 571 – Review Complete
450-13 447-13 SCCRs 863, 959	FM3	Edition4	BDS, IES	1.2P1 1.4P3	3/30/2005 – 12/31/2009	450 complete 447 Pending Op Review
AM 136-13 PM 140-13 SCCR 693	Terra Aqua	Edition1- CV	SSFi Clouds	4.1-4.1P4 4.1-4.1P5	12/31/2013 forward	Replaced by PRs AM 390-13 and PM 391-13 Needs to be closed
310-13 SCCR 917	Aqua	Edition3A	SAH	5.0P2	7/10 – 12/11	PR Active Needs to be closed
129-13 thru 131-13 SCCR 814	FM3,FM4	Beta2-Ed4	SSF	4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	7/2002- 3/2005	129, 130 Complete 131 POR
218-13 SCCR 961	Mrg	Edition3A	ISCCP- D2like-Mrg	9.0P3	3/2000 – 6/2012	Complete. PRDB 1.0.6 is in place

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96-13 SCCR 916		Edition3A	ISCCP-D2like-GEO	11.7P1	3/1/10 – 6/30/12	Complete. PRDB 1.0.6 is in place
389-13 SCCR 916		Edition3A	ISCCP-D2like-GEO	11.7P1	7/1/2012 – 6/30/2013	Complete. PRDB 1.0.6 is in place

Table 2. May 14, 2014 - System Issues and Status

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> No updates.
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 - Tammy.O.Ayers@nasa.gov) SCCR 919 - Further testing is on hold pending the decision on how to proceed with this delivery. (Ayers) SCCR 1006 - Tested PR Database v1.6.1 in the SSI&T environment and released it to the ASDC on April 30. (Ayers, Grune - Carla.O.Grune@nasa.gov, Hillyer - Thomas.N.Hillyer@nasa.gov) SCCR 1008 - Tested CATALYST v1.0.5 in the SSI&T environment on <i>AMI-P</i> and released it to the ASDC on May 1. (Ayers) SCCR 1008 - Formatted the updated CATALYST Test Plan and Operator's Manual, posted them on the Web, and notified the ASDC of their availability. (Joanne.H.Saunders@nasa.gov) Updated the File Management Policy based on recent modifications to Subsystem Operator's Manuals. (Saunders) SCCR 959 - Installed, compiled, and began testing Inversion PGE CER4.5-6.1P7 in the SSI&T environment on <i>AMI-P</i>. (Keyes - Dennis.F.Keyes@nasa.gov, Ayers)
AMI Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> Updated and testing TISA Gridding AJSS for PGEs CER9.2P3, CER3P3, and CER9.4P3. These recent updates have the force command status go into the environment via Perl Library update Nelson provided as AJSS_JOB_FORCE_START so force status can be retrieved from the launch script to override status of the PCF generator. (Grepitotis - Arthur.T.Grepitotis@nasa.gov) Updated PGE CER1.4P3 PCF module to reduce the number of steps used to retrieve Ephemeris and Attitude files, reducing the PCF module length by over a third. (Grepitotis)

Table 3. SCCR Activity April 28 at 11:00 a.m. – May 13 at 9:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
990				X		CERESlib		
992				X		Perl_Lib		
1005		X				Perl_Lib	14	
1006		X	X			PR_Database	16	
1010			X			TISA Gridding		
1012			X			Instrument		
1013			X			CERESlib		
1014		X	X			Perl_Lib	19	
1015	X					Inversion	21	

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

CERES Software Configuration Change Request Submittal

=====

Subsystem: Perl_Lib

SCCR Date: 03/31/2014

SCCR Number: 1005

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Extend AMI Job Submission Script blade checks to verify the following individual file systems are mounted and accessible via symlinks in /ASDC_archive:

ASDC_archive1 -> /ASDC_archive1

ASDC_archive2 -> /ASDC_archive2

ASDC_archive3 -> /ASDC_archive3

If any one of these mounts are not available, the AJSS job should immediately terminate with exit code 100 (BLD_ERROR).

Reason for Change (non-Science):

Dismounted /ASDC_archive[1..3] file systems can be difficult to identify for debugging errors in a PGE's execution. This problem can also cause difficulty in identifying issues with data quality due to inaccessible optional input files which would otherwise be accessible if the file system was properly mounted on the execution host.

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

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

N/A

Estimated Time to Complete Change : ~1 Days

Planned Delivery Date : 4/1/2014

List Affected Subsystems and PGE Names: N/A

Date: 04/02/2014

Status: APPROVED

Originator: HILLYER, THOMAS N. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 1005:

=====

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Please disapprove this SCCR.

Reason for Change (non-Science):

The updates from this SCCR will be delivered along with the updates in SCCR 1014.

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

Description of Parameter Change:

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

N/A

Estimated Time to Complete Change : completed

Planned Delivery Date : N/A

List Affected Subsystems and PGE Names: N/A

Date & Time: 2014-05-13 14:12:12

Originator: HILLYER, THOMAS N. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: PR_Database SCCR Date & TIME: 2014-04-02 16:35:24 SCCR No.: 1006

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

1. (Deferred from SCCR 989) Correcting a sampling strategy mapping for PGEs 9.0P3 and 11.7P1 (JIRA 117)
2. Adding new Inversion PGEs 4.5-6.0P6, 1P6, and 1P7. (JIRA 143)
3. Correcting variable information for PGEs 4.1-4.1P4 and 4.1-4.1P5. (JIRA 143)

Reason for Change (non-Science):

1. Unable to move status of PRs for PGEs 9.0P3 and 11.7P1 beyond Ready-Final until this is corrected
2. These PGEs were recently delivered, or will be soon.
3. Updating information to \$SAT-\$INST, PS1_0, CC1, and parent PGE 1.1P8.

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:

PRDB

Estimated Time to Complete Change : 2 weeks

Planned Delivery Date : 4/03/2014

List Affected Subsystems and PGE Names: PGEs 9.0P3, 11.7P1, 4.1-4.1P4/5, 4.5-6.0P6/1P6/1P7

Originator: COLEMAN, LISA H. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 1006:

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Parameter Change: () YES (X) NO

Description of Change (Science):

n/a

Reason for Change (Science):

n/a

Description of Change (non-Science):

Deferring implementation of new PGE 4.5-6.1P7 until a later delivery

Reason for Change (non-Science):

Need to wait until both the Clouds and Inversion NPP main-processors are closer to production-ready

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

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

4.5-6.1P7

Estimated Time to Complete Change : 1 day

Planned Delivery Date : 4/18/14

List Affected Subsystems and PGE Names: PR Tool

Date & Time: 2014-04-16 16:21:29

Originator: COLEMAN, LISA H. (SSAI)

=====

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

JIRA ticket 127 also associated with item 1

Reason for Change (non-Science):

Completing list of JIRA tickets associated with this SCCR

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:

All

Estimated Time to Complete Change: 1 day

Planned Delivery Date: 4/18/14

List Affected Subsystems and PGE Names: 9.0P3, 11.7P1

Date & Time: 2014-05-05 11:29:14

Originator: COLEMAN, LISA H. (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: Perl_Lib

SCCR Date: 04/23/2014

SCCR Number: 1014

Parameter Change: () YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
Adding support to Toolkit::PCF module to optionally replace an input file's name to a user defined value (i.e. "NULL_FILE", "NULL_FILE.met", etc.) indicating in the PCF that the input file is non-existent to the PGE.

Reason for Change (non-Science):
Needed to support TISA Gridding PGE delivery (SCCR 1010) to AMI-p.

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

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem:
N/A

Estimated Time to Complete Change: 2 days
Planned Delivery Date: 5/2/2014
List Affected Subsystems and PGE Names: N/A

Date: 04/30/2014 Status: APPROVED

Originator: HILLYER, THOMAS N. (SSAI)

=====

ADDITIONAL CHANGES TO SCCR NO. 1014:

=====

Parameter Change: () YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

- * Added override for subsystem-defined list of disabled status code mnemonics (LID #10119); required for Instrument SCCR 1012.

- * Added environment variable (\$AJSS_JOB_FORCE_START) to be used in the PGE's AJSS script modules signaling the '-force' switch was used with the SGE_Driver call; required for TISA Gridding SCCR 1010.

Reason for Change (non-Science):

- * Required to suppress superfluous status messages in a PGE's toolkit log file(s).

- * Can be used in an AJSS PGE's PCF module, environment module, or SGE Launch script (or Launch script sub-process) to influence runtime behavior when overriding PGE-defined input file checks.

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

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

N/A

Estimated Time to Complete Change: completed

Planned Delivery Date: 5/16/2014

List Affected Subsystems and PGE Names: N/A

Date & Time: 2014-05-13 20:03:38

Originator: HILLYER, THOMAS N. (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: Inversion SCCR Date & TIME: 2014-05-12 15:20:53 SCCR No.: 1015

Parameter Change: () YES (X) NO

Description of Change (Science):
None

Reason for Change (Science):
None

Description of Change (non-Science):
Update production scripts for PGEs CER4.5-6.1P6 and CER4.5-6.1P7 to use the MATCH-daily and SORCE files that are available from the ASDC DPO. Req. # 4.5-57

Reason for Change (non-Science):
The MATCH-daily and SORCE files have been added to the ASDC DPO for storage and should be used from this location for consistency.

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

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem:
CER4.5-6.1P6 and CER4.5-6.1P7

Estimated Time to Complete Change : 1 day
Planned Delivery Date : 5/16/2014
List Affected Subsystems and PGE Names: Inversion CER4.5-6.1P6 and CER4.5-6.1P7

Originator: SOTHCOTT, VICTOR E. (SSAI)

Table 4. May 14, 2014 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing to report. (Hillyer - Thomas.N.Hillyer@nasa.gov) 	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> SCCR 1013 - Incorporating updates for Edition4 TISA Gridding CERESlib data product routines. Will be delivered in conjunction with TISA Gridding SCCR 1010. (Hillyer) 	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> SCCR 1014 – Added environment variable (to be used in the PGE’s AJSS script modules) signaling the ‘-force’ switch was used with the SGE_Driver call. (Hillyer) 	
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> SCCR 1008 - Worked with CERES CM on testing CATALYST v1.0.5 on AMI-P. (Hillyer, Wilkins - Joshua.C.Wilkins@nasa.gov) Providing support for CATALYST in production. (Wilkins) Working on CATALYST v1.0.6. Fixing known issues and bugs found pre- and post-Go-Live. (Hillyer, Wilkins) Working on next release of CATALYST Operator’s Console. Improving user interface performance and fixing bugs. (Wilkins) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> SCCR 1012 - Completed testing and updates to the Test Plan and Operator’s Manual. The delivery is ready to go for the 16th. (Cooper- Denise.L.Cooper@nasa.gov, Grepitotis- Arthur.T.Grepitotis@nasa.gov) Reviewed documentation for a possible change of input data distribution and format for NPP-FM5. They are looking at delivering the data from EDOS in a format similar to Terra/Aqua. However, they do not want to create 24-hr Level-0 data files, so the files may be delivered in 2-hr chunks, which may mean that a new PGE is needed to create a 24-hr data file, or it may only require updates to the PCF generator. We will not know until we have more information and sample data files. Questions about the eph/att data are still being explored; this data may come as raw data, which would mean that we would need a new DPREP code here at LaRC, or it could be run through DPREP before it is delivered. (Cooper) 	

Table 4. May 14, 2014 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
1.0 (Cont'd)	Cooper (Grepitotis)	<ul style="list-style-type: none"> Continued testing of updates made to PGE CER1.4P3 to incorporate the newest Instrument libraries and to write out the BDS and IES simultaneously during processing. Using the updated software to run NPP Edition1 validation. (Cooper, Grepitotis) 	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> Provided FlashFlux Team with updated FM1 and FM3 SCCs based on Edition3 gains and SRFs for Dec-2013. (Walikainen - Dale.R.Walikainen@nasa.gov) Provided the IWG with Edition4 SRFs for Jan-2010 to Dec-2012. (Walikainen) Monitored Edition4 production activity for ERBE-like: FM3 SCCs thru 200912, FM4 thru 200503 (2.4P1), while 2.2P1 Aqua thru 20030430. (Lande - Jeremie.lande-1@nasa.gov) Worked with Denise and Lisa to prepare for next set of Instrument ValRs: SCCR 1012 (1.1P8) and Edition1 part of 1.4P3. Obtained information on platforms/instruments and SPRs (i.e., Baseline/Ed1-CV) to be updated later. Researched CC#s vs. SCCRs/PSs, obtained approval from Denise for new PSs and CCs, then submitted them to Lisa (PSs not yet available, but she did add '-ed1' to 1.4P3 options). Also inquired about FM5 Edition1 reprocessing via 1.4P3 (gains delivery, date range, CC#) and submitted the initial PR (644-14: later, verified all inputs on DPO). Next PRs likely to be for Jan/Feb Ed3 gains/SRFs. (Lande) Investigated how to read BDS for future super-ES8 product: file format (HDF4), various read packages (mostly .c/.cpp). Found similar data file (IES) and associated Clouds (4.1-4.1P4) open/read/close source codes/subroutines/modules in F90 (i.e., as used by 2.2P1). (Lande) Continued monitoring ERBE-like quick look Website (earth-www.larc.nasa.gov): worked with Brian Bresina to update plots (RT#32365) and QC reports (RT#30981) and verified solutions (all files in place, Website bug still there for days 2-9 CQCs). Found alternative eosweb website with updated 	

Table 4. May 14, 2014 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
2.0 (Cont'd)	Walikainen (Lande)	ES8/9/4 data abstracts and researched next updates. Attended Bill Hunt's introduction to the CALIPSO (A-train) lidar mission. (Lande)	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> Processed NPP VIIRS results for CO2 comparison for 201202. Differences were completed between CO2off and CO2on runs and results were posted on the Web. (Brown - Ricky.R.Brown@nasa.gov) Worked on Seasonal QC results for Aqua Edition1C and Terra Edition2B-QC for Winter 2012 through Winter 2014. Results were posted on the Web. (Brown) Worked on issues that arose within testing of the endpts function in CloudVis. Added the function to a specific net requested by a user. (Gibson - Sharon.C.Gibson@nasa.gov) SCCR 960 - Completed test case runs for redelivery, ran validations and expected output documents. (Smith - Rita.A.Smith@nasa.gov) Created program to prepare Cloud Parameter maps in format needed for input to Churngwei's online plotting tool. (Smith) Examined cloud retrieval code and cloud QC post processing trying to locate a reason why new SCCR 960 code changes showed larger than expected differences. (Smith) Loaded Goddard ordering statistics from April into the CERES Ordering Tool Statistics database. (Heckert - Elizabeth.C.Heckert@nasa.gov) Promoted to production the revised Ordering Statistics load scripts which read variables by product from external text files rather than a database. (Heckert) Continue looking into comparison of Aerosol products between Calipso and MODIS. (Chen - Yan.Chen-1@nasa.gov) Created images for validating clear sky 1.24μm albedomap over snow by using CloudVis data. (Chen) 	

Table 4. May 14, 2014 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> Assisted Cloud Tool Web tool testing. (Chen) Assisted IBMdx tool developing. (Chen) Produced Cookie data of Jul 2013 to test CO2 algorithm. (Chen) Worked with members in the Clouds group on various tasks. (Sun-Mack - Szedung.Sun-mack-1@nasa.gov) Worked on LWP and IWP offline studies. (Sun-Mack) Worked on effect of CO2 on cloud properties. (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"> SCCR 960 - Investigated validation failures in the SSFI. Old files remained on disk that confused validation program. (Miller - Walter.F.Miller@nasa.gov) SCCR 919 - Prepared history of delivery and testing the <i>magneto</i> port. (Miller) Discussed approach to producing CERES products in HDF5 with the ASDC and HDF project. (Miller) Drafted reply to ESDIS providing S-NPP data. (Miller) Supported efforts to have CERES data restored to the DPO. (Miller) Working on the program to write HFF5 file for SYN1deg_Ed4 program. (Antropov - Igor.Antropov@nasa.gov) Investigating different ways of checking CERES data consistency and filtering out of errors. Testing different validation algorithms. (Antropov) Working on the program to read binary SSFB and SSFA files and to write HDF5 SSF file. (Antropov) 	
4.5	Sothcott (Caldwell)	<ul style="list-style-type: none"> SCCR 959 - Due to carelessness, the entire software package and backup was lost. Fortunately, the software is the same as the Terra/Aqua Edition4 delivery with minor changes. The software was rebuilt and run with successful comparison to the 	

Table 4. May 14, 2014 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.5 (Cont'd)	Sothcott (Caldwell)	<p>original results. The rebuilt software was tested, packaged, and delivered. (Sothcott - Victor.E.Sothcott@nasa.gov)</p> <ul style="list-style-type: none"> • SCCR 959 - Completed changes to the Operator's Manual and the Test Plan. (Sothcott) • Ran one month of NPP data at the request of the Clouds group for review by Science. (Sothcott) 	
4.6	Sothcott (Caldwell)	<ul style="list-style-type: none"> • Combined with above. 	
5.0	Caldwell (Sothcott)	<ul style="list-style-type: none"> • Resolved issues with testing NPP data in PGE CER5.1P2. Successfully ran one full day of data. Results look reasonable. (Caldwell - Thomas.E.Caldwell@nasa.gov) • Processed several iterations of Edition4 SYNI data using combined Terra/Aqua TSI inputs with 5 channel Geo data. (Caldwell) • Validation and analysis of a full month run is ongoing. (Caldwell) 	
7.2	Caldwell (Sothcott)	<ul style="list-style-type: none"> • Nothing new to report. (Caldwell) 	
12.0	Caldwell (Sothcott)	<ul style="list-style-type: none"> • Nothing new to report. (Caldwell) 	
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> • Working on the narrowband to LW flux coefficient PGE. (Tai-fang.fan-1.@nasa.gov) • Ran January 2010 TSI with Ed4 Terra and Aqua SFCB data. Supported Fred Rose TSI validation. (Nguyen - Le.T.Nguyen@nasa.gov) 	
8.0	Nguyen (Keyes)	<ul style="list-style-type: none"> • Worked with Dave Doelling in investigating the solar incoming flux issue. (Nguyen) • Researched and tested some changes for HDF files in future TISAavg deliveries. Creating user-defined attributes to attach to sds_ids. Implementing 'dimension scale' to give the variable dimensions more explicit meaning and for easier plotting in panoply. (Keyes - Dennis.F.Keyes@nasa.gov) • Working on Edition4 SYN in updating code to include the new data SYNI structure. (Nguyen) 	

Table 4. May 14, 2014 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
10.0	Nguyen (Keyes)	<ul style="list-style-type: none"> • Complete investigating the cause of the LW separation at zero degree longitude. (Nguyen) • Complete setting up and tested EBAF, SSF1deg and SYN1deg Lite code for Hailan Wang to process Lite data. (Nguyen) • Included the use of the SORCE data at ASDC_archive in the Lite code. (Nguyen) • Began working on SSF1deg Day and Month code to update it to match the Edition4 DPC. (Keyes - Dennis.F.Keyes@nasa.gov) 	
6.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • No new updates. (Raju - Rajalekshmy.I.Raju@nasa.gov) 	
9.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • SCCR 1010 - Edition4 software delivery on May 16, 2014. Working on the software validations. Working on binary output comparison programs as part of delivery requirement. (Raju) • SCCR 1011 - CERESLIB delivery. Modified read routines to access Edition4 SSF1deg-HR, SSF1degB data. Updated modules to include new parameters on the SSF1deg-Hour record. (Raju) • Worked on the PGEs CER9.2P3, CER9.3P3, CER9.4P3 PCF scripts and implemented in the subsystem process. (Grepitotis- Arthur.T.Grepitotis@nasa.gov, Raju) • Continue to work with Pam Mlynczak to finalize Edition4 SSF1deg-Hour DPC structure. Continue to update PGE CER9.4P3 software to accommodate DPC changes. (Raju) • Processed 01/2010 Edition4 Terra SSF data offline to provide inputs to TSI process. (Raju) • Work continued on Edition4 software validations and documentation for software delivery. (Raju) 	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • Processed 01/2014 GEO satellites's data through Edition3 GGEO software. Created Web plots were sent to Ed Kizer to make them available on TISA Working Group Website. (Raju) 	

Table 4. May 14, 2014 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
11.0 (Cont'd)	Raju (F. Wrenn)	<ul style="list-style-type: none">• As per TISA/SARB request, updated Edition4 GGEO code to include GEO TYPE variable according to Seiji's convention to identify each satellite. Added a function in the read routine to access this variable in TSI code. (Raju)• Created Web plots for Edition4 GGEO data and made them available on the subsetter. (Raju)	

Table 5. May 14, 2014 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> Completed testing of delivery of PRDB versions DB 1.6.0 and 1.6.1 under SCCR 1006. (Coleman – Lisa.H.Coleman@nasa.gov, Grune - Carla.O.Grune@nasa.gov, Victor.E.Sothcott@nasa.gov, Sun-Mack - Szedung.Sun-mack-1@nasa.gov) Prepared release notes to install versions DB 1.6.0 and 1.6.1 into the production environment. (Grune)
CERES Websites (Kizer)	<ul style="list-style-type: none"> Working on 508 compliance issues found with updated validator. (Kizer - Edward.A.Kizer@nasa.gov) Continuing to monitor STRAW registrations for CWG and TISA group sites. (Kizer)
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> The work on CCCM is on hold because it needs a scientist to categorize parameters for its selection page. (Chu - Churngwei.Chu-1@nasa.gov) Working on EQCMG. A draft of requirement is completed and is under review. (Chu) Supported resolving the issue that sciflo (test) was not able to modify OT user DB on ptest environment. (Chu) Supported resolving the issue that many orders on OT production failed because of SGE (Sun Grid Engine) failures over an weekend. (Chu) Supporting the ASDC upgrading PostgreSQL DB server. (Chu) An RT ticket was sent to the ASDC for including two new rack servers and papasmurf in subset cluster. (Chu) Work on the next public release: generate all master SYN1deg for 3 new categories, modify all codes to incorporate them, and infoButtons. (Mitrescu - Cristian.Mitrescu@nasa.gov) Execute public release 3.1.1 (that adds a suite of variables to SYN1deg data and extends it till 11/2013). (Mitrescu) <ul style="list-style-type: none"> The added variables: (Mitrescu) <ol style="list-style-type: none"> Computed Surface SW Direct and Diffuse Fluxes: Shortwave Flux Direct, Shortwave Flux Diffuse. Computed UV Fluxes and Indices: TOA Downwelling UVB Flux, TOA Downwelling UVA Flux. <ul style="list-style-type: none"> All-sky UVB Surface Flux Direct, All-sky UVB Surface Flux Diffuse. All-sky UVA Surface Flux Direct, All-sky UVA Surface Flux Diffuse. All-sky Surface UV Index.

Table 5. May 14, 2014 – DM Tasks

Activity	Status
CERES Ordering Tool (Chu/ Mitrescu) (Cont'd)	<p data-bbox="565 289 1312 359">3. Computed PAR Fluxes: PAR TOA Downwelling Flux, PAR Surface Flux Direct, PAR Surface Flux Diffuse.</p> <ul data-bbox="516 369 1300 634" style="list-style-type: none"><li data-bbox="516 369 1300 438">○ Information about these variables button was added to the DB as well as FileInfo. (Mitrescu)<li data-bbox="516 449 1300 518">○ A small bug fix when animating regional anomaly fields. (Mitrescu)<li data-bbox="516 529 1300 634">○ Subsetter code (hdf2bin-subsetter) for SYN was also updated to account for a cc-code problem in Jan 2006. (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)		Comments
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)	
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	18	Y	18	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	
ERBE-like - 2	CER1.4P3	N	N/A	N	N/A	Y/S	18	Y	N	
	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	
ERBE-like - 3	CER2.4P1	Y	16	Y	16	N	N/A	Y	N	
	CER3.1P1	Y	16	Y	16	Y	16	Y	N	
Clouds 4.1-4	CER3.2P1	Y	16	Y	16	Y	16	Y	N	
	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	SSIT	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	SSIT	18	N	N/A	N	N	NPP-VIIRS
	CER4.1-4.2P7	N	N/A	SSIT	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	SSIT	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	CER4.5-6.0P6	N	N/A	SSIT	18	SSIT	18	N	N	Ed4 Pre-Processor
	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	N	16	ValRx	18	ValRx	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 <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	Devel	18	Y	N	IES-SSF Terra New PGE, Ed2 format
	CER4.5-6.5P5	Y	16	Y	18	Devel	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
TISA Grid - 6	CER5.4P2	Y	16	N	N/A	N	N/A	n/a	n/a	Ed2 only
	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
	N	Not able to run in production
	Y/D	Current version in production operational, New version in development
	Y/S	Current version in production operational, New version in SSI&T
	Y/V	Current version in production operational, New version in ValRx
	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 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	New PGEs added to list
	4.5-6.1P6	
	9.0P1, 11.7P1	Changed P6 and New Wrapper Status from "SSI&T" to "Y"
	10.0P4	Changed New Wrapper Status from "N" to "Devel"
	1.4P3	Changed P6 and X86 status from "Y" to "Y/Devel" to indicate an updated version to replace current functioning version is in development
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"
7/10/2013	No updates	

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
7/24/2013	5.1P2	Changed P6, X86, and New Wrapper Status from "N" to "Devel", and TK Version to 18
	5.1P3	Changed TK Version from "16" to "18"
	4.5-6.1P7	New PGE added to list
	4.5-6.1P6	Changed comment to indicate this PGE is now an Ed4 PGE and not an NPP PGE
8/7/2013	10.0P4	Changed P6 and New Wrapper Status from "SSI&T" to "Y"
8/21/2013	No updates	
9/4/2013	No updates	
9/18/2013	4.5-6.5P4,5	Changed P6 and X86 status from "Y" to "Devel" to indicate an updated version to replace current version is in development
10/2/2013	1.4P3	Changed TK version from "16" to "18"
10/16/2013	No updates	
10/30/2013	No updates	
11/13/2013	No updates	
11/27/2013	9.0P4,5	Changed P6 and New Wrapper status from "Devel" to "SSIT"
12/11/2013	9.0P5	Changed P6 and New Wrapper status from "SSIT" back to "Devel"
1/8/2014	9.0P4	Changed P6 and New Wrapper status from "SSIT" back to "Devel"
1/22/2014	No updates	
2/5/2014	Table 1 Key	Added new Statuses Y/D, Y/S, and Y/V
	1.1P8, 1.2P1, 1.4P1, 1.4P2, 1.4P3	Changed P6 and X86 status from "Y" to "Y/S"
2/19/2014	4.5-6.0P6	New PGE added to list
3/5/2014	No updates	
3/19/2014	No updates	
4/2/2014	1.4P3	Changed P6 status from "Y/S" to "N"
	1.1P8, 1.2P1, 1.4P1, 1.4P2	Changed P6 and X86 statuses from "Y/S" to "Y"
	4.5-6.0P6, 4.5-6.1P6	Changed P6 and X86 statuses from "Devel" to "SSIT"
	4.1-4.1P7, 2P6, 2P7, 3P4	Changed P6 statuses from "Devel" to "SSIT"
4/16/2014	No updates	
4/30/2014	No updates	
5/14/2014	4.5-6.1P6	Changed P6 and X86 statuses from "SSIT" to "ValRx"