

July 10, 2013 - System Issues and Status

Table 1: Process Strategy/Coleman as of 07/09/13
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

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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

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
*** 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						
*** Edition 3 SSF & SSF1deg-Hour (SSF, SFC & SAH)						
311-13 312-13 313-13 SCCR 939	FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	4/12 – 6/12	Ready - Final Priority 1

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**Table 1: Process Strategy/Coleman as of 07/09/13
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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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
310-13 SCCR 917	Aqua	Edition3A	SAH	5.0P2	7/10 – 12/11	PR Active 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						
**** 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

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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 Rejected
217-13	Aqua	Edition3A	ISCCP-D2like-Mrg	9.0P2	7/2002 – 6/2012	PR Rejected
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	SSF1 deg-Day, Month	10.0P4	3/2000 – 11/2012 3/2000 – 4/2006	PR Pending SS Review Priority Level 2
314-13 SCCR 934	Terra	Edition3A	SSF1 deg-Day, Month	10.0P4	5/2006 – 11/2007	PR Pending SS Review Priority Level 2
315-13 SCCR 934	Terra	Edition3A	SSF1 deg-Day, Month	10.0P4	12/2007 – 6/2010	PR Pending SS Review Priority Level 2

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
316-13 SCCR 934	Terra	Edition3A	SSF1 deg-Day, Month	10.0P4	7/2010 – 11/2012	PR Pending SS Review Priority Level 2
188-13 SCCR 934	Aqua	Edition3A	SSF1 deg-Day, Month	10.0P4	7/2002 – 11/2012 7/2002 – 4/2006	PR Pending SS Review Priority Level 2
317-13 SCCR 934	Aqua	Edition3A	SSF1 deg-Day, Month	10.0P4	5/2006 – 11/2007	PR Pending SS Review Priority Level 2
318-13 SCCR 934	Aqua	Edition3A	SSF1 deg-Day, Month	10.0P4	12/2007 – 6/2010	PR Pending SS Review Priority Level 2
319-13 SCCR 934	Aqua	Edition3A	SSF1 deg-Day, Month	10.0P4	7/2010 – 11/2012	PR Pending SS 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

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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
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
302-13 SCCR 956	FM1	ValR1956-Ed3-X86		1.4P3	8/1/12 – 8/4/12	PR Pending SIT Review Priority Level 1
303-13 SCCR 956	FM3	ValR1956-Ed3-X86		1.4P3	8/5/12 – 8/9/12	PR Pending SIT Review Priority Level 1
304-13 SCCR 956	FM2	ValR1956-Ed3-P6		1.4P3	8/1/12 – 8/4/12	PR Pending SIT Review Priority Level 1
305-13 SCCR 956	FM4	ValR1956-Ed3-P6		1.4P3	8/5/12 – 8/9/12	PR Pending SIT Review Priority Level 1
306-13 SCCR 956	FM2	ValR1956-Ed4-X86		1.4P3	8/10/13 – 8/14/13	PR Pending SIT Review Priority Level 1
307-13 SCCR 956	FM4	ValR1956-Ed4-X86		1.4P3	8/10/13 – 8/14/13	PR Pending SIT Review Priority Level 1
308-13 SCCR 956	FM1	ValR1956-Ed4-P6		1.4P3	8/15/12 – 8/19/12	PR Pending SIT Review Priority Level 1
309-13 SCCR 956	FM3	ValR1956-Ed4-P6		1.4P3	8/15/12 – 8/19/12	PR Pending SIT Review Priority Level 1

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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						
253-13, 256-13 SCCRs 877, 863	FM1,FM2	Edition3	BDS IES	1.4P3 1.2P1	1/1/13 – 2/28/13	Complete. 6/25/13

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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	Complete. 6/25/13
254-13, 257-13 SCCRs 877, 863	FM3	Edition3	BDS IES	1.4P3 1.2P1	1/1/13 – 2/28/13	Complete. 6/25/13
261-13. 264-13, 267-13, 269-13 SCCR 867	FM3	Edition3	ES8	2.4P1 2.2P1 2.3P1 2.3P2	1/13 – 2/13	Complete. 6/25/13
255-13, 258-13 SCCRs 877, 863	FM4	Ed3-NoSW	BDS IES	1.4P3 1.2P1	1/1/13 – 2/28/13	Complete. 6/25/13
262-13 265-13 SCCR 867	FM4	Ed3-NoSw	ES8	2.4P1 2.2P1	1/13 – 2/13	Complete. 6/25/13
270-13 SCCR 867	Terra	Edition3	ES4, ES9	3.1P1	12/12 – 1/13	Complete. 6/25/13
271-13 SCCR 867	Aqua	Edition3	ES4, ES9	3.1P1	12/12 – 1/13	Complete. 6/25/13
272-13 SCCR 867	FM1 + FM3	Edition3	ES4, ES9	3.2P1	12/12 – 1/13	Complete. 6/25/13
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	Complete. 7/8/13

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

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200-13 SCCR 914	Aqua	Edition3A	SFC-HR	9.2P2	9/2012 – 11/2012	Complete. 7/8/13
250-13 SCCR 801	Terra+ Aqua	Edition3A	TSI	7.3.1P1	7/2010 – 11/2011	Complete. 7/8/13
251-13 SCCR 938	Terra+ Aqua	Edition3A	SYNI	7.2.1P1	7/2010 – 11/2011	Complete. 7/8/13
252-13 SCCR 795	Terra+ Aqua	Edition3A	SYN1deg	8.1P1	7/2010 – 11/2011	Complete. 7/8/13
231-13 SCCR 801	Terra+ Aqua	Edition3A	Pre-TSI	10.0P3	12/2011	Complete. 7/8/13
232-13 SCCR 801	Terra+ Aqua	Edition3A	TSI	7.3.1P1	12/2011	Complete. 7/8/13
235-13 SCCR 795	Terra+ Aqua	Edition3A	SYN1deg	8.1P1	12/2011	Complete. 7/8/13
249-13 SCCR 801	Terra+ Aqua	Edition3A	Pre-TSI	10.0P3	7/2010 – 11/2011	Complete. 7/8/13
201-13 202-13 SCCR 914	Aqua	Edition3A	SFCB SFC	9.3P2 9.4P2	8/12 – 10/12	Complete. 7/8/13
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
233-13 SCCR 938	Terra+ Aqua	Edition3A	SYNI	7.2.1P1	12/2011	PR Review Complete Processing Complete 7/3/13
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

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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. July 10, 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 963 - Release Build 1.3.0 of the PR Database and 1.2.0 of the PR Web Interface to the ASDC on June 26. (Ayers) • SCCR 956 -Received updated Instrument source code and scripts on June 27. Recompiled and retested PGE CER1.4P3. Released the updates to the ASDC on July 2. (Ayers) • SCCR 970 - Installed this TISA Averaging delta delivery on <i>AMI-P</i> and released it to the ASDC on July 3. (Ayers)
<i>AMI</i> Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> • Assisting subsystems with the job submission scripts for upcoming deliveries as necessary. (Grepitotis)

Table 3. SCCR Activity June 24 at 1:00 p.m. – July 9 at 1:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
956		X				Instrument	15	
970	X		X	X		TISA Averaging	16	
971	X					Perl_Lib	17	

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

CERES Software Configuration Change Request Submittal

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Subsystem: Instrument

SCCR Date: 03/08/2013

SCCR Number: 956

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. .
. .

Parameter Change: () YES (X) NO

Description of Change (Science):

Req. 1-61: Update the time initialization for each scan to use the proper initialization routine.

Reason for Change (Science):

Req. 1-61: Testing for Edition4 gain updates showed a change in the flux values produced by ERBE-like. This was traced back to an incorrect time initialization routine for the scan time, which caused the Second Time Constant calculation to be incorrect. The Second Time Constant calculation uses delta time as part of the equation.

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:

CER1.4P3

Estimated Time to Complete Change: 3 days

Planned Delivery Date: 6/27/2013

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

Date & Time: 2013-06-26 16:00:04

Originator: COOPER, DENISE L. (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: TISAavg10.0 SCCR Date & TIME: 2013-07-03 12:28:28 SCCR No.: 970

Parameter Change: () YES (X) NO

Description of Change (Science):

Requirement # 10-43 Delta Delivery

Update the satellite ID file since there are new geostationary satellites added.

Reason for Change (Science):

Requirement # 10-43 Delta Delivery

Error occurred during processing since the new satellite ID was not defined.

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:

CER10.0P3, CER7.3.1P1

Estimated Time to Complete Change: done

Planned Delivery Date: July 3, 2013

List Affected Subsystems and PGE Names: none

Originator: NGUYEN, CATHY (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: Perl_Lib SCCR Date & TIME: 2013-07-09 12:08:30 SCCR No.: 971

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Prevent SGE_Utils' re-execution of DRMAA initialization routine on remote execution host.

Reason for Change (non-Science):

CERES AJSS_PGE jobs that use SGE_Utils module in a sub-process initiates a superfluous DRMAA client session. There is the chance that very large scale AJSS_PGE jobs will exceed the maximum number of DRMAA sessions that can be created, thereby blocking necessary requests from being fulfilled.

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 for testing

Planned Delivery Date: 7/12/2013

List Affected Subsystems and PGE Names: AMI PGEs

Originator: HILLYER, THOMAS N. (SSAI)

Table 4. July 10, 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 after SCCR 937. (Wilkins) Working on CATALYST Build 1.1. (Hillyer, Wilkins) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> SCCR 956 - CER1.4P3 was redelivered to fix the issue with time initialization. The PGE has gone thru CERES CM and is in SIT. ValRs will be evaluated once they have been completed. (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) Continued 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) Working on testing Edition4 gain updates for Terra. Running the complete set of Terra data with the proposed Edition4 gain updates. (Cooper) 	

Table 4. July 10, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> • SCCR 956 - Corrected and returned Lisa's revised 'Table of Replacement PRs' spreadsheet with comments. Gave detailed reply to Jonathan's inquiries on CC#s of downstream products (i.e., Ada to C++ transition effect on PRES8s, meta data tracking, timing of PRs versus PGE promotion uncertainties). Also, updated and submitted remaining FM5 Ed1-CV reprocessing PRs with new in/out 300303 CC#, and wrote/submitted new ValR PRs for 1.4P3 as specified by Denise (all pending SIT review). (Lande) • Completed 'As Is' cmd-line/SGE Ed1/3 P6/x86 testing for 2.3P1/2: only 2 mismatched records (out of 45613, no spikes) in the last test. Recompiled 2.2/2.3/3.1 in SLES11.1 (both P6 and x86), testing 2.2P1 successfully with both DPO and recompiled (via Thomas/Dale) PRES8s/SNOWs inputs (output data/plots match 'As Is' results). For 3.1P1, successful recompilation required updates to es4.f90 (write format 'f' changed to 'f16.6' in 9 locations). (Lande) • Followed progress on ERBE-like Ed3 PRs (all Terra ran June 24, all Aqua ran June 25, final ES4 on DPO same day). Also followed progress on updated Instrument SPRs (i.e., all 1.1P8 now 'Review Complete'). Worked on 6-month as well as June reports for ERBE-like. (Lande) • Provided Instrument Working Group with candidate Aqua Edition4 SRFs and Beginning-of-Mission Terra SRFs. (Walikainen) 	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • SCCR 960 - Continued conversion of CER4.1-4.1P6 PCF generator. (Smith) • Sled 11 testing - Tested PGEs CER4.1-4.0P2, CER4.1-4.0P3, CER4.1-4.1P4, CER4.1-4.1P5, CER4.1-4.2P2, CER4.1-4.2P3, CER4.1-4.3P1, CER4.1-4.1P6, CER4.1-4.2P4, CER4.1-4.2P5, and CER4.1-4.3P2 on new ppc64 sles11 blades. Tracked differences in CER4.1-4.1P4 and CER4.1-4.1P5 tests (Smith) 	

Table 4. July 10, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Continued High Performance Scientific Computing online class. (Smith) • Working with Pam Mlynczak on sending statistics to EMS in required format. Loaded additional ESG statistics files. (Heckert) • Continuing development/bug fixes for CERES PR Tool. (Heckert) • SCCR 960 - Generated Difference Maps of cloud properties between VIIRS and MODIS Models. (Chen) • Sles 11 testing - Created the difference between produced and expected CloudVis to check the new node on <i>AMI</i>. (Chen) • The status of the DX Global Difference program was discussed in order to re-initiate work on it. (Gibson) • Sled 11 testing - Working with several members in the clouds group regarding all issues occurred. (Sun-Mack) • SCCR 960 - Working on VIIRS algorithms, including O2 transmissions, debugging models. (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"> • Testing a 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"> • Completed all testing of all Inversion PGEs on the SLES-11 test systems. All PGEs were successful with both original compiled executables and recompiled executables. (Sothcott) • Cleaned up and archived delivery packages. (Sothcott) • Continued work on the hourly MATCH netCDF files and creating read software to integrate into the Inversion software. (Sothcott) 	
4.6	Sothcott (Caldwell)	<ul style="list-style-type: none"> • Combined with above. 	
5.0	Caldwell (Sothcott)	<ul style="list-style-type: none"> • Preparing to run a month of CRS PGE CER5.1P2 on <i>AMI</i> to test for issues before adapting the code for NPP processing. (Caldwell) 	

Table 4. July 10, 2013 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
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"> Created daily subset Edition4 SSFB to use the data to create narrowband-to-broadband coefficients for 2003 and 2004 Terra and Aqua. (Nguyen) Creating coefficients of merged Terra and Aqua SSF data for different cases for further studies. (Nguyen) 	
8.0	Nguyen (Keyes)	<ul style="list-style-type: none"> No new updates. (Nguyen) 	
10.0	Nguyen (Keyes)	<ul style="list-style-type: none"> SCCR 970 - Delivered the satellite ID data to correct the error in SCCR 801 processing. (Nguyen) SCCR 940 - Updating the Operator's Manual to add CER9.0P4 and CER9.0P5 to prepare for the delivery. (Nguyen) SCCR 940 - Updated CER9.0P5 code to output SFC data. Continue proving validation support for the FluxByCloudTyp daily netCDF files. (Keyes) 	
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 the last hour of December 2012 and 2013 months' production process. (Raju) Updated the SFCB read program to not include overlap (previous, following) hour data in the daily files and sent the code to Dennis Keyes to incorporate in flux-by-cloud software. (Raju) Tested ISCCP PGEs CER9.0P1, CER9.0P2, and CER9.0P3 on the SLES11 (P6, x86) SLES11 test blades and PGEs CER9.1P1, CER9.2P2, CER9.3P2, and CER9.4P2 on the SLES11 (P6) test blades and found no problems. (Raju) 	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> 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) 	

Table 4. July 10, 2013 - 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 Dave Doelling's request wrote a script to rename NetCdf image files that have G10 instead of G11 to include them in Edition4 CER11.1P10. (Raju) • Found problems in the readin wavelength and solar constant values from the NetCdf inputs. Temporary changes were made to CER11.1P10 code to correct the problem and reran MT1, G11, and GOE12 data and created 01/2010 Edition4 GGEO file. Validation Web plots showed some bad scans for MTSAT hours. All data validations were sent to Dave Doelling and Rabi Palikonda. (Raju) • Assisted Forrest Wrenn and Michele Nordeen in their MODIS (SFC) versus GGEO match program set up. (Raju) • Tested Edition4 PGEs 11.1P10, 11.2P2 on the SLES11 (P6) test blades and found no problems. (Raju) 	

Table 5. July 10, 2013 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> • Monitored testing of SCCR 963. (Grune, Heckert, Coleman) • Began preparing some PowerPoint slides to describe Edition3 CC number assignment strategy in preparation for tiger team meeting. (Coleman)
CERES Websites (Kizer)	<ul style="list-style-type: none"> • Continued with preparing to switch apache rules for handling <i>lposun</i> URL redirects. An email was sent to CERES DMT of the scheduled maintenance. (Kizer) • Modified FLASHFlux product pages per request from the FLASHFlux team to default to edition availability view for FLASHFlux products only. (Kizer) • Modified FLASHFlux processing flowchart to make Web page friendly and made available on the FLASHFlux product pages. (Kizer) • Looking into changing links from the ASDC Ordering Tool to point directly to Reverb to order CERES archived HDF products. (Kizer)
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> • Release 2.4.4 was promoted to production. (Mitrescu) • Working on GGEO product. (Chu) <ul style="list-style-type: none"> ○ Researching the features about how to use super-overlay on Google Map and Google Earth. When users zoom in an image, the resolution of the image is also increased automatically. ○ The development of displaying GGEO product is on hold because no GGO data files are available at this moment. • Investigating the structure of data files on EIPDC3M in order to display CALIPSO data on Google Earth. (Chu) • Preparing slides for peer review. (Chu, 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"
7/10/2013	No updates	