

## November 30, 2011 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 11/30/11  
Active Requests in order of priority as of 11/28/11**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
The PRs that follow are the Standing PRs						
M-PR 1-09		NSIDC-NESDIS	EICE ESNOW 16 <sup>th</sup> mesh	4.1-4.0P2	Standing Request	
PRs NPP 6-11 through 14-11	NPP	AtLaunch	BDS/ ERBElke (SS1-3)	1.0P2, 1.1P8, 1.2P1, 1.4P1, 1.4P2, 2.2P1, 2.3P1, 2.3P2, 3.1P1	Standing Request	
PRs NPP 1-11 through 5-11	NPP	Baseline1-QC	BDS/ ES8	1.0P2, 1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	
*** NEW PRs  AM 8-11 thru 11-11  PM 8-11 thru 11-11	Terra  Aqua	Baseline1-QC	BDS/ES8	1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	

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<p>*** NEW ***</p> <p>AM 12-11 thru 19-11</p> <p>PM 12-11 thru 19-11</p>	<p>Terra</p> <p>Aqua</p>	Edition1-CV	BDS/ ERBELike (SS1-3)	<p>1.1P8</p> <p>1.2P1</p> <p>1.4P1</p> <p>1.4P2</p> <p>2.1P1</p> <p>2.2P1</p> <p>2.3P1</p> <p>2.3P2</p> <p>3.1P1</p>	Standing request	<p>Replacement PRs for :</p> <p>AM 7-05, and 1-10 to 4-10</p> <p>PM 16-05, 18-05, 2-10, 4-10, 6-10, 8-10, 11-05 to 14-05, 1-10, 3-10, 5-10, 7-10</p>
<p>AM 1-11 to 7-11</p> <p>PM 1-11 to 7-11</p>	<p>Terra</p> <p>Aqua</p>	Edition1-CV	SSF Clouds and Inversion	<p>4.1-4.1P4/5</p> <p>4.1-4.2P2/3</p> <p>4.1-4.3P2</p> <p>4.5-6.1P2/3</p> <p>4.5-6.2P2</p> <p>4.5-6.4P1</p>	Standing Request	
<p>PR M 3-11</p> <p>SCCR 858</p>	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	New PR for AMI processing
<p>PR M 2-11</p> <p>SCCR 753</p>	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	New PR to coordinate with new standing PR M 3-11
<p>AM- PR 6-05, 7-05, and 1-10 to 4-10</p> <p>PM-PRs 16-05, 18-05, 2-10, 4-10, 6-10, 8-10</p> <p>PM-PRs 11-05 to 14-05, 1-10, 3-10, 5-10, 7-10</p>	<p>Terra</p> <p>FM3</p> <p>FM4</p>	Edition1-CV	BDS/ ERBELike (SS1-3)	<p>1.1P3</p> <p>1.2P1</p> <p>1.3P1</p> <p>1.3P2</p> <p>2.1P1</p> <p>2.2P1</p> <p>2.3P1</p> <p>2.3P2</p> <p>3.1P1</p>	Standing request	<p>CLOSED</p> <p>REPLACED with new PRs PM 12-11 thru 19-11 and AM 12 -11 thru 19-11</p>

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The PRs that follow are the Non-Standing PRs that can be processed						
PRs 185-10 thru 187-10  SCCR 782	Terra	ValR15 (for Ed1-CV)	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	12/07	Ready  Priority Level 1
PR 113-11  SCCR 756	NPP	<del>ValR23</del> PreLaunch-GOE	BDS, IES	1.4P1	<del>9/6/10 – 9/8/10</del> 9/6/10 – 9/19/10	Ready  Priority 1
PRs 84-10, 76-10, 92-10  SCCRs <del>842</del> -871, 791, 690	FM3, FM4	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	7/2/02 – 3/30/05	In Progress  Priority Level 1
* PRs 111-10 thru 113-10 (partial – remainder) SCCR 789	Aqua XTrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	7/02 – 4/06 NOTE: Dates 7/02 thru 3/05 should only need to be processed at this point	In Progress – 4/05 thru 4/06 already processed  Priority Level 1
PR 100-10  SCCR 794	FM3, FM4	Edition3A	SAH	5.0P2	7/02 – 3/05	Ready  Priority Level 1
PRs 176-10 thru 178-10  SCCRs 811, 791, 690	Terra	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	3/00 – 10/05	In Progress  Priority Level 1
PRs 179-10 thru 181-10  SCCR 789	Terra	Edition3A	SFC	9.2P2, 9.3P2 9.4P2	3/00 – 10/05	Ready  Priority Level 1
PR 182-10  SCCR 794	Terra	Edition3A	SAH	5.0P2	3/00 – 10/05	Ready  Priority Level 1

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PRs 73-11 thru 75-11  SCCRs 811, 791, 690	FM1, FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	12/2/2010 – 1/1/11	Ready Complete thru 12/31/10  Priority Level 2
PRs 70-11 thru 72-11  SCCR 789	Terra Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/2/2010 – 1/1/11	Ready Complete thru 12/31/10  Priority Level 2
PRs 58-11 thru 56-11  SCCRs 812, 791, 690	FM3, FM4	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	6/30/10 – <del>12/1/10</del> 11/1/11	Ready FM3 Complete thru 12/31/10  Priority Level 2
PRs 62-11 thru 64-11  SCCR 789	Aqua Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	6/30/10 – <del>12/1/10</del> 11/1/11	Ready Complete thru 12/31/10  Priority Level 2
PRs 164-11 thru 166-11	Terra	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	1/06, 5/06, 6/06	Ready  Priority Level 2
PRs 161-11 thru 163-11	Terra	Edition3A	SFC	9.2P2, 9.3P2 9.4P2	1/06, 5/06, 6/06	Ready  Priority Level 2
PR 137-09  SCCR 746	FM1, FM2	Edition2A	ISCCP-D2like-Day/Nit	9.0P1	Launch thru 10/02	In Progress  Priority Level 2
PR 136-09  SCCR 746	FM3, FM4	Edition2A	ISCCP-D2like-Day/Nit	9.0P1	Launch thru 10/02	Ready.  Priority Level 2
PR 6-11  SCCR 749	CERES	GMAO-G541-Ed4	MOA	12.1P2	2/28/2000 – 3/1/2010	In Progress  Priority Level 2

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PR 65-11 SCCR 794	FM1 FM2	Edition3A	SAH	5.0P2	7/10 – 11/10	Ready Priority Level 2
PR 69-11 SCCR 794	FM1 FM2	Edition3A	SAH	5.0P2	12/2010	Ready Priority Level 2
PR 68-11 SCCR 794	FM3 FM4	Edition3A	SAH	5.0P2	3/10 – 6/10	3 / In Progress. FM3 Complete Priority Level 2
PR 87-11 SCCR 865	NPP	ValR23	BDS, IES	1.1P7	9/6/10 – 9/8/10	Ready Priority 3
PR 110-11 SCCR 865	NPP	ValR24	BDS, IES	1.1P7	9/6/10 – 9/8/10	Ready Priority 3
PRs 112-11 SCCR 716	NPP	ValR23	BDS, IES	1.3P1	9/6/10 – 9/8/10	Ready Priority 3
PR 47-09 SCCR 685	FM3, FM4	Edition2D/ Ed2D-NoSW	SFC	9.2P1 9.3P1 9.4P1	11/30/07 - <del>3/4/10</del> 7/1/10	In Progress NOTE: Dates through 4/10 complete Priority Level 3
PRs 9-10 thru 10-10 SCCR 650	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	3/2000 – 10/05	Ready. Priority Level 3
PRs 7-10 thru 8- 10 SCCR 650	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	7/2002 – 10/05	Ready. Priority Level 3
PRs 5-10 thru 6-10 SCCR 650	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	11/05 – 2/10	Ready. Priority Level 3

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PRs 3-10 thru 4-10 SCCR 650	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	11/05 – 2/10	Ready.  Priority Level 3
PR 46-09	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P1	12/1/07 - 6/30/10	Ready. Process 1 <sup>st</sup> month and wait for SS checkout  Priority Level 3
PR 45-09  SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	12/1/07 - 6/30/10	Ready.  Priority Level 3
PRs 169-11 thru 175-11  SCCR 734, 735	Terra, Aqua	ValR25m	ES8  ES4, ES9	2.2P1 2.3P1 2.3P2 3.1P1 3.2P1	10/09 11/09 9/09 10/09 10/09	Complete. 11/2/11
<p>**** The PRs that follow are on HOLD. They cannot be processed until the necessary input data are available. ****</p>						
PR 207-11  SCCR 795	Terra +Aqua	Edition3A	SYN1deg-3Hour/ M3Hour/ Month	8.1P1	7/2002 – 4/2006	HOLD – Prod-Pending Input  Priority 2
PR 201-11  SCCR 795	Terra +Aqua	Edition3A	SYN1deg-3Hour/ M3Hour/ Month	8.1P1	1/2006 5/2006 – 12/2007	HOLD – Prod-Pending Input  Priority 2
PR 197-11  SCCR 795	Terra +Aqua	Edition3A	SYN1deg-3Hour/ M3Hour/ Month	8.1P1	12/2007 – 6/2010	HOLD – Prod-Pending Input  Priority 2
PR 193-11  SCCR 795	Terra +Aqua	Edition3A	SYN1deg-3Hour/ M3Hour/ Month	8.1P1	7/2010 - 12/2010	HOLD – Prod-Pending Input  Priority 2

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PRs 191-10, 190-10, 189-10, 81-11  SCCR 795	Merged	Edition3A	SYN1deg- 3Hour/ M3Hour/ Month	8.1P1	7/02 – 4/06 1/06, 5/06 – 12/07 7/10 – 12/10	Cancelled
**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed pre-operational testing and been promoted ****						
PR 181-11  SCCR 804	Terra +Aqua	Ed3A-ValR1	SYNi	7.2.1P1	01/2008	HOLD – PreProd- Pending Promotion  Priority 1
PRs 208-11, 207- 11  SCCR 801	Terra +Aqua	Edition3A	TSI	10.0P3, 7.3.1P1	7/2002 – 4/2006	HOLD – PreProd- Pending Promotion  Priority 2
PR 206-11  SCCR 804	Terra +Aqua	Edition3A	SYNi	7.2.1P1	7/2002 – 4/2006	HOLD – PreProd- Pending Promotion  Priority 2
PRs 204-11, 203- 11  SCCR 801	Terra +Aqua	Edition3A	TSI	10.0P3, 7.3.1P1	1/2006 5/2006 – 12/2007	HOLD – PreProd- Pending Promotion  Priority 2
PR 202-11  SCCR 804	Terra +Aqua	Edition3A	SYNi	7.2.1P1	1/2006 5/2006 – 12/2007	HOLD – PreProd- Pending Promotion  Priority 2
PRs 200-11, 199- 11  SCCR 801	Terra +Aqua	Edition3A	TSI	10.0P3, 7.3.1P1	12/ 2007 – 6/2010	HOLD – PreProd- Pending Promotion  Priority 2

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PR 198-11  SCCR 804	Terra +Aqua	Edition3A	SYNi	7.2.1P1	12/ 2007 – 6/2010	HOLD – PreProd- Pending Promotion  Priority 2
PRs 196-11, 195- 11  SCCR 801	Terra +Aqua	Edition3A	TSI	10.0P3, 7.3.1P1	7/2010 - 12/2010	HOLD – PreProd- Pending Promotion  Priority 2
PR 194-11  SCCR 804	Terra +Aqua	Edition3A	SYNi	7.2.1P1	7/2010 - 2/2010	HOLD – PreProd- Pending Promotion  Priority 2
PRs 29-11 thru 31-11  SCCR 763	Terra, Aqua	Beta1	ISCCP- D2like- Mrg	9.0P2 9.0P3	200107 200401 200404 200407 200410	HOLD –PreProd- Waiting for Promotion  Priority Level 3
PRs 139-11 thru 142-11  SCCR 809	FM1, FM2	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	2/28/2000 – 6/1/2005	HOLD –PreProd- Waiting for Delivery  Priority Level 3
PRs 143-11 thru 146-11  SCCR 809	FM3, FM4	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	6/30/2002 – 3/30/2005	HOLD –PreProd- Waiting for Delivery  Priority Level 3
PR 160-11  SCCR 833	Terra- Aqua	Edition3A	(pre)TSI	10.0P3	1/06, 5/06, 6/06	Cancelled
PRs 168-11  SCCR 833	Terra- Aqua	Edition3A	(pre)TSI	10.0P3	3/10 – 6/10	Cancelled
PR 83-11  SCCR 833	Terra- Aqua	Edition3A	TSI	7.3.1P1	7/10 – 12/10	Cancelled



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PR 164-10 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	12/07 – 2 6/10	Cancelled
PR 167-11 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	3/10 – 6/10	Cancelled
PR 159-11 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	1/06, 5/06, 6/06	Cancelled
PR 165-10 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	7/06 – 7/12	Cancelled
PR 169-10 SCCR 833	Terra-Aqua	Edition3A	(pre)TSI	10.0P3	7/02 – 4/06	Cancelled
PR 166-10 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	7/02 – 4/06	Cancelled
**** PRs to be written ****						
	FM2, FM4	Edition3A	SSF, SAH	4.5-6.5P4 4.5-6.5P5 4.5-6.2P2 4.5-6.4P1 5.0P2	FM2: 3/06 - 3/1/10 FM4: 4/05 - 3/1/10	
	FM1 FM2	Beta1-Ed4	SSF	Inversion		
	FM3 FM4	Beta1-Ed4	SSF	Inversion		

**Table 2. November 30, 2011 - System Issues and Status**

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> <li>• Nothing to report. (Miller)</li> </ul>
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> <li>• See <a href="#">Table 3</a> for the current CERES Subsystem Delivery Schedule and <a href="#">Table 4</a> for the current CERES Coefficients Delivery Schedule. (Ayers)</li> <li>• See <a href="#">Table 5</a> for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow <a href="#">Table 5</a>. (Ayers)</li> <li>• SCCR 846 – Installed and tested Perl_Lib on <i>AMI-P</i> and released it to the ASDC on November 16. (Ayers)</li> <li>• SCCR 804 – Installed updated Synoptic SARB scripts on <i>AMI-P</i> in response to Software Problem Reports 169 and 172. Provided the updated files to the ASDC on November 16. (Ayers)</li> <li>• SCCR 873 - Provided the updated Instrument Test Plan to the ASDC and posted the document on the Web. (Saunders)</li> <li>• SCCR 873 – Installed, compiled, and tested Instrument PGE 1.0P2 on <i>AMI-P-P6</i> and <i>AMI-P-x86</i>, and released it to the ASDC on November 18. (Ayers)</li> <li>• SCCR 801 – Provided the updated TISA Averaging Test Plan and Operator’s Manual to the ASDC and posted the documents on the Web. (Saunders)</li> <li>• SCCR 801 – Re-installed, re-compiled, and re-tested TISA Averaging PGEs 10.0P3 and 7.3.1P1 on <i>AMI-P-P6</i>, and re-released them to the ASDC on November 18. (Ayers)</li> </ul>
<i>AMI</i> Job Submission Scripts – Phase 1	Ayers (Grepitotis)	<ul style="list-style-type: none"> <li>• Development continues on the scripts for the Inversion delivery. (Grepitotis, Hillyer)</li> </ul>

**Table 3. CERES Subsystem Delivery Schedule – November 2011**

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)	Certified Platform(s)
Instrument (SCCR 865)	August 5	August 19 In CM Queue	August 26	Update the CER1.1P1, 3, 5, & 7 to properly report QA flags on the IES.			<i>AMI-P6 &amp; AMI-x86</i>
TISA Gridding (SCCR 763)	N/A	December 9	December 16	<b>Beta1–Edition2</b> delivery of 2 new PGEs (CER9.0P2 & CER9.0P3) for new ISCCP-D2like-Mrg product. [All ISCCP-D2like HDF products will have the same format.]		X	<i>AMI-P6</i>
TISA Averaging		Maybe by the end of the year		Delivering the Clouds-by-Flux-Type code to <i>AMI-P</i> .			
ERBE-like (SCCR 867)	January 6	January 20	January 27	Porting all ERBE-like PGEs to x86 platform and standardizing exit codes.			<i>AMI-x86</i>
Clouds (SCCR 809)		Early 2012		Redelivering the Edition4 code to <i>AMI-P</i> .			
Inversion (SCCR 814)		2 Weeks after Clouds		Terra and Aqua <b>Beta1-Edition4</b> . PGEs CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3 and CER4.5-6.4P2.	X		<i>AMI-P6</i>
Instrument (SCCR 641)		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	<i>magneto-P4</i>

**SCF Processing**

Subsystem	Reason for Delivery	SCF Platform
TISA Averaging (SCCR 766)	SRBAVG-nonGEO <b>Beta2-Edition3</b> . New PGE CER10.1P1 for the subsetter code.	<i>AMI-P6</i>

**Table 4. CERES Coefficients Delivery Schedule – November 2011**

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
There are no deliveries planned at this time.					

**Table 5. SCCR Activity November 14 at 7:00 p.m. – November 28 at 1:30 p.m.**

SCCR	S	U	A	C	D	SS	Page No.	Comments
715		X			X	Instrument		SCCR was disapproved since PGE 1.1P7 has been delivered to <i>AMI-P</i> .
801		X	X			TISA Averaging		Discussed at the November 14 CPOBM.
814		X				Inversion	14	Complete SCCR can be reviewed on CERES CM Web site.
846		X	X			Perl_Lib	15	Complete SCCR can be reviewed on CERES CM Web site.
867		X				ERBE-like	17	Complete SCCR can be reviewed on CERES CM Web site.
872				X		ERBE-like		
873			X	X		Instrument		
874	X					Inversion	18	CERESlib updates.
875	X					CERESlib	19	
876	X					Perl_Lib	20	

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

**CERES Software Configuration Change Request Submittal**

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Subsystem: Inversion

SCCR Date: 11/01/2010

SCCR Number: 814

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ADDITIONAL CHANGES TO SCCR NO. 814:

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Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Incorporate updated SW Model B algorithm that uses MODIS aerosols where they are available and the MATCH aerosols where the MODIS aerosols are not available. Req. # 4.5-42

Reason for Change (Science):

When available, MODIS aerosols provide a more update data set then the MATCH aerosols.

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: CER4.5-6.1P4 and CER4.5-6.1P5

Estimated Time to Complete Change: 2 days

Planned Delivery Date: 2 weeks after Clouds SCCR 809

List Affected Subsystems and PGE Names: Inversion CER4.5-6.1P4 and CER4.5-6.1P5

Date & Time: 2011-11-28 10:23:15

Originator: SOTHCOTT, VICTOR E. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: Perl\_Lib

SCCR Date: 04/26/2011

SCCR Number: 846

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ADDITIONAL CHANGES TO SCCR NO. 846:

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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):

Adding CERES::AJSS\_PGE module to standardize CERES SGE\_Driver functionality.

Adding CERES::AJSS\_ENV module to standardize PGE environment variable set.

Adding CERES::PCFEntries module to add frequently used PCF entries to the Toolkit::PCF object instance.

Adding CERES::PCFChecks module to check for common CERES PCF entries.

Reason for Change (non-Science):

These changes significantly reduce the code size of the per-PGE implementations of the AMI Job Submission Script framework components. Much of the SGE\_Driver functionality has been pulled up into the CERES::AJSS\_PGE module where the date range validation, summary log creation, and input/output validation occurs.

Several of these updates act on the Toolkit::PCF module. PCF entries and operations that are frequently used in the DMT for input file selection and validation have been pulled up into Perl\_Lib CERES modules.

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: 11/16/2011

List Affected Subsystems and PGE Names: All AMI PGEs

Date & Time: 2011-11-16 16:17:46

Originator: HILLYER, THOMAS N. (SSAI)



**CERES Software Configuration Change Request Submittal**

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Subsystem: ERBE-like

SCCR Date: 09/208/2011

SCCR Number: 867

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**ADDITIONAL CHANGES TO SCCR NO. 867:**

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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):

( Req 2-23 ) Remove DQCGW and DQCBW as Subsystem 3 products.

( Req 2-24 ) Make output gif files archivable.

Reason for Change (non-Science):

( Req 2-23 ) These files are copies of the "non-W" versions.

( Req 2-24 ) Currently, when the gif files are copied to our web site they overwrite older gif files.

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: CER2.2P1, CER3.1P1 and CER3.2P1

Estimated Time to Complete Change: 2 months

Planned Delivery Date: 1/20/12

List Affected Subsystems and PGE Names: N/A

Date & Time: 2011-11-20 10:23:36

Originator: WALIKAINEN, DALE R. (SSAI)

## CERES Software Configuration Change Request Submittal

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\*\*\* All changes described in this SCCR were made in CERESlib. \*\*\*

Subsystem: Inversion                      SCCR Date & TIME: 2011-11-28 10:35:21                      SCCR No.: 874

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

Inversion requirement: 4.5-42

Update Surface algorithm for CERESlib Edition4:

surf\_sw\_model\_b

Update surface typedefs for CERESlib Edition4:

surf\_typdef

Reason for Change (Science):

Implement new and updated SW model B algorithm and support modules for the Inversion Edition4 delivery (SCCR 814).

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:

CER4.5-6.1P4 and CER4.5-6.1P5

Estimated Time to Complete Change: 2 days

Planned Delivery Date: 11/30/11

List Affected Subsystems and PGE Names: Inversion CER4.5-6.1P4 and CER4.5-6.1P5

Originator: SOTHCOTT, VICTOR E. (SSAI)

## CERES Software Configuration Change Request Submittal

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\*\*\* All changes described in this SCCR were made in CERESlib. \*\*\*

Subsystem: CERESlib                      SCCR Date & TIME: 2011-11-28 13:09:06                      SCCR No.: 875

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Integrating Edition4 code updates received in Inversion SCCR 874.

Reason for Change (non-Science):

Refer to SCCR 874.

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: 11/30/2011

List Affected Subsystems and PGE Names: All

Originator: HILLYER, THOMAS N. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: Perl\_Lib                      SCCR Date & TIME: 2011-11-28 13:26:47                      SCCR No.: 876

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Adding file group attributes to both Product Input Files and Support Input Files in Toolkit::PCF, which will be used by Log::PCF to group input files that must be paired together in order to satisfy PGE requirements.

Adding PGE-provided custom sort functionality to allow dynamic file selection.

Reason for Change (non-Science):

Several PGEs have input products that must be paired together in order to successfully satisfy its execution requirements. These pairs need to be clearly represented in the PGE's PCF log files.

Custom file selection is needed in the event that the full file name cannot be determined entirely at execution time.

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 Weeks

Planned Delivery Date: 12/16/2011

List Affected Subsystems and PGE Names: All AMI PGEs

Originator: HILLYER, THOMAS N. (SSAI)

**Table 6. November 30, 2011 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Grepitotis)	<ul style="list-style-type: none"> <li>Nothing to report. (Hillyer)</li> </ul>	
CERES-lib	Grepitotis (Hillyer)	<ul style="list-style-type: none"> <li>SCCR 875 – New SCCR to incorporate new updates received from Inversion SCCR 874. (Hillyer)</li> </ul>	
Perl_Lib	Hillyer (Grepitotis)	<ul style="list-style-type: none"> <li>SCCR 846 – Delivered to CERES CM. Needed for SCCRs 804, 801, and 763. (Hillyer)</li> <li>SCCR 876 - Adding custom sort functionality to allow dynamic file selection in the event the full file name cannot be determined entirely. Adding file groups to represent files that need to be paired together in order to satisfy the PGE’s requirements. Will be needed for Inversion 814. (Hillyer)</li> </ul>	
CERES Proc. System	Hillyer (Grepitotis)	<ul style="list-style-type: none"> <li>Working on final draft of AGU project poster. (Hillyer)</li> <li>Completed first version of generic SGE job throttler for the SCF. The tool will support separate profiles for each PGE, or job name pattern. (Hillyer)</li> </ul>	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> <li>SCCR 873 – Now promoted and processing data on <i>AMI-P</i>. (Cooper, Grepitotis, Hillyer, Spivak, Timcoe)</li> <li>Work continues on PGE CER1.1P8 to find all the memory leaks discovered when running this PGE on the <i>x86</i> platforms during the latest stress test. (Grepitotis, Timcoe)</li> <li>Updated the CER1.1P8 run script to replace BDS_compress with HDF hrepack. This update did not work as expected. Continuing to look at why the issues occurred during testing. (Grepitotis, Hillyer, Timcoe)</li> <li>Continued monitoring the receipt of RDRs at the ASDC. Some latency was experienced over the holiday weekend, but the data has now arrived. A problem with communications from Svalbard is currently delaying the receipt of any of the spacecraft data at IDPS. (Cooper, Hillyer, Spivak)</li> </ul>	

**Table 6. November 30, 2011 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• Updated daily ERBE-like Edition3 PR for first 5 months of 2011 (188-11) to include FM2 and FM4. Went over older SS 1.0/2.0/3.0 PRs and closed those processed in production. (Lande)</li> <li>• Completed validation of ValR23 PRES8s via resulting ES8Ns for FM1/3 in 200904. FM3 nadir points matched those of Edition1-CV, but FM1 had ~ 1300 extra nadir pts for that month, the cause of the monthly average discrepancies reported in the last CPOB report. (Lande, Walikainen)</li> <li>• Searched for latitudinal area weight functions in ERBE-like codes and verified independence from weights.f90 in CERESlib. (Lande)</li> <li>• Provided Science Team with FM1, FM3, and FM4 daytime LW flux mission trend plots. This newest set incorporated area weighting for the 60N-60S all-sky averages. (Walikainen)</li> <li>• Ran FM5 Postlaunch_SCF PRES8s for Nov 14-20 through CER2.2P1. Provided ES8 plots to IWG and posted online. (Lande, Walikainen)</li> <li>• Began learning how to use viewhdf on cerx86a (i.e., SZA &lt; 85 deg) in preparation of creating FM5's 'First Light' (i.e. day only) image on Dec 11. (Walikainen)</li> <li>• Addressed PGE Failure Form #1727, caused by a snow file generation error during initial production month on <i>AMI-P</i>. Write permissions for CER2.1P1 output directory (2011/10) were restricted to Sue Sorlie and had to be expanded by SAs. (Walikainen)</li> <li>• SCCR 867 - Updated Requirements Log (to V9) to include the 2 new reqs (23 &amp; 24). Submitted updated SCCR but did not receive email confirmation. Obtained (via RT ticket and Karen Brown) CERES subversion repository accounts. Transferred current production code to home directory and placed it under subversion. Recompiled and tested CER2.2P1 on cerx86a with necessary upgrades and began work on C code byte-swapping conversion for PLOTES8. (Lande, Walikainen, Hillyer)</li> </ul>	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	

**Table 6. November 30, 2011 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Working with Rita on the GEWEX tool for AGU – Added several more parameters/teams and enabled the ability to download a PS (Postscript) file of the generated image/graph. Resolving any bugs as they are found. (Heckert)</li> <li>• Completed conversion of all GEWEX multi-team Web tool programs and scripts to a Web version which produces PostScript output. (Smith)</li> <li>• Tested and debugged GEWEX Web tool. (Smith)</li> <li>• Discussed how to convert PostScript file to a viewable Web image, but the problem is not yet solved. (Smith)</li> <li>• Gathered netcdf files from the GEWEX site for all teams available. Processed these files to create data useful for map, zonal, and histogram plotting. (Smith)</li> <li>• Created plots for the AGU poster displaying the GEWEX Web tool. (Smith)</li> <li>• SCCR 809 - Continue to generate images associated with CERES Ed4 cloud mask to figure out the problems of overestimated cloud in the Polar region. Images of July 16 and Oct 16 2008 Terra and Aqua MODIS from CloudVis are posted on the google map to study. (Chen)</li> <li>• SCCR 809 - Continue adding plots and images to the Web page of cloud fraction comparison, global images, zonal plots among Ed4 Del, Ed4 Beta, Ed2, MODIS-ST, and CALIPSO from Jul and Oct of 2008 Aqua and Terra. Also added versions of maskV1 and destripe to the Website. (Chen)</li> <li>• Tested New Cloud Web Tool which can view the CERES cloud retrievals on the Website by reading the CloudVis files. (Chen)</li> <li>• Remade the colorbars for re, De, and Tau. Recreated CERES cloud retrieval images for the four granules from the 5 Golden Days. Images are posted on the Website for the CREW-seviri meeting in Madison, WI. (Chen)</li> <li>• Started working on generating the calibration files from fitting the observed 3.7 <math>\mu\text{m}</math> data from Aqua and Terra MODIS data (2002 to 2011). (Chen)</li> </ul>	

**Table 6. November 30, 2011 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Continue checking the daily ingest completion of VIMD and VAOT data on /ASDC_archive. (Chen)</li> <li>• Began work to improve the application of the DX Compute function for use with multi-tiered thresholding. (Gibson)</li> <li>• Supported graphical issues for upcoming AGU poster presentation. (Gibson)</li> <li>• Produced poster “A Web-Based Validation Tool for GEWEX” or AGU meeting. (Gibson)</li> <li>• Time Series batch code was updated to allow min and max for cloud properties instead of auto-scaling. Terra and Aqua Edition2 results were reprocessed using the new code. Results were posted on the Web. (Brown)</li> <li>• SCCR 809 - Working on calibration for 3.7 <math>\mu\text{m}</math> brightness temperature. (Chen, Sun-Mack)</li> <li>• SCCR 809 - Working on implementing destripe fix. (Sun-Mack)</li> <li>• Working with Rita/Sharon/Elizabeth on their AGU poster. (Sun-Mack)</li> </ul>	
4.2	Sun-Mack	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.3	Sun-Mack	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.4	Miller (Antropov)	<ul style="list-style-type: none"> <li>• Produced July 1986 ERBE CERES-like SSF. (Miller)</li> <li>• Generated daily QC files for Aqua Edition3 data as processed. (Miller)</li> <li>• Produced Tecplot data files and JPG images for Aqua and Terra Edition3 SSF radiances and TOA fluxes as produced. (Antropov) (Edition3)</li> <li>• Modifying a CERESlib program that calculates area from geocentric (spherical Earth) to geodetic (ellipsoid). Using the Thaddeus Vincenty devised formulae for calculating geodesic distances between a pair of latitude/longitude points on the earth’s surface. (Antropov)</li> </ul>	
4.5	Sothcott	<ul style="list-style-type: none"> <li>• Ran an additional month of data for the SOFA working group to review using the updated SW model B algorithm that uses MODIS aerosols. (Sothcott)</li> </ul>	



**Table 6. November 30, 2011 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
4.5 (Cont'd)	Sothcott	<ul style="list-style-type: none"> <li>• SCCR 814 - Have started incorporating the updated SW model B algorithm into the Edition4 delivery. (Sothcott)</li> <li>• Worked with Nelson Hillyer to resolve issues with the SSF HDF product. We are also working to get an updated version of the view_hdf software made available through the ASDC. (Sothcott, Hillyer)</li> </ul>	
4.6	Sothcott	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Currently processing 2004 SYNI Lite data. (Caldwell)</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Nothing new to report. (Caldwell)</li> </ul>	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Testing FlashFLUX version of Edition4 MOA code. (Caldwell)</li> <li>• Code should be completed and sent to FlashFLUX before Dec 2. (Caldwell)</li> </ul>	
7.1	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• Ran January 2004 through June 2004 merged Terra Aqua TSI for inputs to SYNI and SYN. Continue processing data when input SFC data are available. (Nguyen)</li> <li>• SCCR 801 – Delivered documentations, code, and scripts to CM for testing. (Nguyen)</li> <li>• Debugged to find the causes of the differences in TSI and GERB data for the Sahara desert region. Creating data for the comparison of TSI data with GERB for Doelling's paper. Providing data for the Africa regions for Michele Nordeen to plot. (Nguyen)</li> </ul>	
8.0	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• Continue producing SYN data with the available TSI and SYNI. Created the corresponding netCDF files for Cristian Mistrescu to post on the subsetter. (Lock)</li> </ul>	
10.0	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• Ran v08 version of EBAF for ten years of Terra for Norman Loeb to support his investigation of the problem in the data. (Nguyen)</li> <li>• Writing code to merging Terra and Aqua SSF daily data to produce 10 years of CLARREO data to support Dave Doelling's study. (Nguyen)</li> <li>• Updated the flux-by-cloud code to add the center solar zenith angle for the region. (Nguyen)</li> </ul>	

**Table 6. November 30, 2011 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
10.0 (Cont'd)	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• Ran Flux-by-Cloud Type code to produce the daily data. Continue providing the statistic analysis and plots to the science team to validate code. (Lock)</li> <li>• Updating code to normalize the fluxes using the center solar zenith angle. (Lock)</li> <li>• Supported the science team in flux-by-cloud code validation by providing regions with significant difference when comparing to SFC data to investigate. (Lock)</li> </ul>	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• No new updates. (Raju)</li> </ul>	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• SCCR 763 – Processed 03/2000 – 04/2003 SSF data through PGE 9.0P2, 9.0P3 as requested by TISA science members and provided inputs to sub setting process. Checked QA file results and found mostly Ice water path values are high for some regions and this is due to input values from SSF. Results were documented as requested by Moguo Sun. Started working on the procedure for CERES CM software delivery on December 09, 2011. (Raju)</li> <li>• April 2006 Terra SFC data was checked to respond to several inquiries from TISA members in their flx-by-cld comparisons with SFC data. A detail explanation of each inquiry was documented and the document was sent to team members. (Raju)</li> <li>• Continue to process Terra Edition3A SFC from 03/2000 – 10/2005 and Aqua 07/2002 – 10/2005 at SCF for TSI process. So far completed both Terra and Aqua up to 10/2004. (Raju)</li> </ul>	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Modified IDL program to create jpeg images for NIR channel data for each satellite as requested by Dave Doelling. Modified color scheme on the images to display bad scan data in more detail. (Hazari)</li> <li>• Received instructions and the IDL program from Hazari to process while he is on vacation. Ran 03/2000 MET5/7, G-8/10, and GMS5 satellites' data and created jpeg images. Started checking the images for bad scans. (Raju)</li> </ul>	

**Table 7. November 30, 2011 – DM Tasks**

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"><li>• Continuing development of the CERES PR Tool. (Heckert)</li><li>• Distributed spreadsheet with input and output product environment variable names used by each PGE. Meeting to discuss inconsistencies was attended by Sunny and Raja. (Coleman)</li><li>• Preparing logic to group instrument-specific data together when a PR requests multiple instruments be processed. (Heckert, Grune, Coleman)</li></ul>
Ordering Tool (Kizer)	<ul style="list-style-type: none"><li>• Made additional security changes to the CERES Website to improve input validation measures. (Heckert)</li></ul>

**Table 8. November 30, 2011 – NPP Issues**

Activity	Status
FM5	<ul style="list-style-type: none"><li>• Compiled a report of VIIRS SDR and EDR dropouts for the first two weeks of NPP operations. (Closs)</li><li>• Attending twice-daily Mission Data Leads tag-ups, and reporting to CERES leads. (Closs)</li><li>• Produced notes from User Conclave and Customer Forum in Omaha, NE. (Miller)</li><li>• Monitored Discrepancy Report Action Team (DRAT) teleconferences. (Miller)</li><li>• CERES has received almost 100% of the NPP RDRs. A problem on 11/14 caused CERES to lose approximately 32 mins of data. Communications issues with Svalbard are currently causing delays in data receipt at IDPS, which in turn is causing delays in the receipt of CERES RDRs at the ASDC. (Cooper, Spivak)</li><li>• NPP RDRs are now being processed on <i>AMI-P</i> approximately 48 hrs. after the data is downloaded at Svalbard. (ASDC Ops)</li></ul>

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)	
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) <sup>7</sup>	Comments
Instrument - 1	CER1.0P1	N	N	N/A	N	N/A	N	N/A	n/a	Will comply with all the latest whenever delivered
	CER1.0P2	N	N	N/A	Y	16	Y	16	Y	C++ RDR Pre-Processor
	CER1.1P1	Y	N	N/A	SSI&T	N/A	Devel	16	Y	To be disabled when C++ working- CER1.1P8
	CER1.1P3	Y	N	N/A	SSI&T	N/A	Devel	16	Y	To be disabled when C++ working- CER1.1P8
	CER1.1P5	Y	N	N/A	SSI&T	N/A	Devel	16	Y	To be disabled when C++ working- CER1.1P8
	CER1.1P7	SSI&T	N	N/A	SSI&T	N/A	Devel	16	Y	Ada NPP
	CER1.1P8	N	N	N/A	Y	16	Devel	N/A	Y	C++ NPP, Terra, Aqua
	CER1.2P1	Y	N	N/A	Y	16	Y	16	Y	C code, NPP capable.
	CER1.3P1	Y	N	N/A	N	N/A	Y	16	Y	Replace with CER1.4P1 on P6
	CER1.3P2	Y	N	N/A	N	N/A	Devel	16	Devel	Replace with CER1.4P2 on P6
	CER1.3P3	Y	N	N/A	N	N/A	Y	16	Y	Replace with CER1.4P3 on P6
	CER1.4P1	N	N	N/A	Y	16	Y	16	Y	
	CER1.4P2	N	N	N/A	Y	16	Devel	16	Devel	
CER1.4P3	N	N	N/A	Devel	16	Devel	16	<b>N</b>		
ERBE-like - 2	CER2.1P1	N	Y	16	ValRx	16	Devel	16	ValRx	
	CER2.2P1	N	Y	15	ValRx	16	Devel	16	ValRx	Compile HDF with TK 15, run with TK 16
	CER2.3P1	N	Y	16	ValRx	16	Devel	16	ValRx	
	CER2.3P2	N	Y	16	ValRx	16	Devel	16	ValRx	
	CER2.4P1	N	Y	16	ValRx	16	Devel	16	ValRx	
ERBE-like - 3	CER3.1P1	N	Y	16	ValRx	16	Devel	16	ValRx	
	CER3.2P1	N	Y	16	ValRx	16	Devel	16	ValRx	

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)	
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) <sup>7</sup>	Comments
Clouds 4.1-4	CER4.1-4.0P1	Y	N	N/A	N	N/A	N	N/A	n/a	
	CER4.1-4.0P2	N	Y	15	N	N/A	N	N/A	n/a	Migration to AMI not in near future
	CER4.1-4.1P4	N	Y	16	N	N/A	N	N/A	n/a	warlock version recompiled for 2008 Edition2, Possibly use P4 for 3/10 forward
	CER4.1-4.1P5	N	Y	16	N	N/A	N	N/A	n/a	warlock version recompiled for 2008 Edition2, Use P4 for 3/10 forward
	CER4.1-4.1P6	N	N	N/A	Devel	16	N	N/A	SSI&T	Beta2-Ed3 (P4), Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P2	N	Y	15	N	N/A	N	N/A	n/a	Ed2
	CER4.1-4.2P3	N	Y	15	N	N/A	N	N/A	n/a	Ed2
	CER4.1-4.2P4	N	N	N/A	Devel	16	N	N/A	SSI&T	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.1-4.2P5	N	N	N/A	Devel	16	N	N/A	SSI&T	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.1-4.3P2	N	Y	15	N	N/A	N	N/A	n/a	Ed2
CER4.1-4.3P3	N	N	N/A	Devel	16	N	N/A	SSI&T	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future	
Inversion/SOF A 4.5-6	CER4.5-6.1P2	N	Y	16	N	N/A	N	N/A	n/a	Ed2 Terra Main
	CER4.5-6.1P3	N	Y	15	N	N/A	N	N/A	n/a	Ed2 Aqua Main
	CER4.5-6.1P4	N	N	N/A	Devel	16	N	N/A	Devel	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	N	N/A	Devel	16	N	N/A	Devel	Aqua Main Ed4 version of 1P3
	CER4.5-6.2P2	N	Y	15	N	N/A	N	N/A	n/a	Ed2/Ed3 subsetter
	CER4.5-6.2P3	N	N	N/A	Devel	16	N	N/A	Devel	Subset postproc for Terra and Aqua (Ed4 version of 2P2)
	CER4.5-6.2P4	N	Y	16	N	N/A	N	N/A	n/a	Ed3 daily post-processor
	CER4.5-6.4P1	N	Y	15	N	N/A	N	N/A	n/a	Edition2 to <i>magneto</i>
	CER4.5-6.4P2	N	N	N/A	Devel	16	N	N/A	Devel	Monthly validation site (Ed4 for 4P1)
	CER4.5-6.5P2	N	N	N/A	N	N/A	N	N/A	n/a	IES-SSF Terra New PGE, Ed4 format
CER4.5-6.5P3	N	N	N/A	N	N/A	N	N/A	n/a	IES-SSF Aqua New PGE, Ed4 format	
CER4.5-6.5P4	N	Y	16	N	N/A	N	N/A	n/a	IES-SSF Terra New PGE, Ed2 format	
CER4.5-6.5P5	N	Y	16	N	N/A	N	N/A	n/a	IES-SSF Aqua New PGE, Ed2 format	

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)	
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) <sup>7</sup>	Comments
SARB - 5	CER5.0P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER5.0P2	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only for now, Ed3 version requires delta delivery
	CER5.1P1	N	Y	16	N	N/A	N	N/A	n/a	Ed2 only
	CER5.1P2	N	ValRx	16	N	N/A	N	N/A	n/a	Ed2 only
	CER5.1P3	N	N	N/A	Devel	16	Devel	16	<b>N</b>	New PGE - Edition4 Main for Terra and Aqua
	CER5.4P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER5.4P2	N	Y	16	N	N/A	N	N/A	n/a	Ed2 only
TISA Grid - 6	CER6.1P1	N	Y	15	N	N/A	Devel	16	n/a	
	CER6.1P2	N	N	N/A	N	N/A	N	N/A	n/a	New PGE for Edition4
	CER6.2P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER6.2P2	N	N	N/A	Devel	16	Devel	16	n/a	New PGE for Edition4
	CER6.3P1	N	Y	15	N	N/A	N	N	n/a	
TISA Avg - 7.1	CER6.3P2	N	N	N/A	Devel	16	Devel	16	n/a	New PGE for Edition4
	CER7.1.1P1	N	Y	15	N	N/A	N	N/A	n/a	
SARB - 7.2	CER7.3.1P1	N	Y	16	SSI&T	16	N	N/A	SSI&T	New PGE for Edition3
	CER7.2.1P1	N	Y	16	N	N/A	SSI&T	16	SSI&T	P4 only Ed2 for now, X86 for Ed2 and Ed3
TISA Avg - 8	CER8.1P1	N	Y	15	Y	16	N	N/A	Y	Migrate to AMI for Ed3
TISA Grid - 9	CER9.0P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.0P2	N	N	N/A	SSI&T	16	N	N/A	SSI&T	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N	N/A	SSI&T	16	N	N/A	SSI&T	ISCCP-D2like-MRG Main-processor
	CER9.1P1	N	Y	15	Devel	16	Devel	16	<b>N</b>	
	CER9.2P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.2P2	N	Y	16	N	N/A	N	N/A	n/a	New PGE for Edition3
	CER9.3P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.3P2	N	Y	16	N	N/A	N	N/A	n/a	New PGE for Edition3
	CER9.4P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.4P2	N	Y	16	N	N/A	N	N/A	n/a	New PGE for Edition3
TISA Avg - 10	CER10.0P1	N	Y	16	N	N/A	N	N/A	n/a	
	CER10.0P2	N	Y	16	N	N/A	N	N/A	n/a	
	CER10.0P3	N	Y	16	Devel	16	N	N/A	Devel	New PGE for Edition3

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)	
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) <sup>7</sup>	Comments
GGEO - 11	CER11.1P10	N	Y	16	Devel	16	Devel	16	N	
	CER11.2P2	N	Y	16	Devel	16	Devel	16	N	
	CER11.4P1	N	Y	16	Devel	16	Devel	16	N	
	CER11.6P1	N	Y	16	Devel	16	Devel	16	N	
	CER11.7P1	N	Y	16	Devel	16	Devel	16	N	
Regrid MOA - 12	CER12.1P1	N	Y	16	Y	16	Y	16	Y	
	CER12.1P2	N	N	N/A	Y	16	Y	16	Y	



Table 1 Key:		
<sup>1</sup> 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
<sup>2</sup> Prod. Platform	SGL	warlock
	P4	Magneto - IBM P4
	P6	AMI - IBM P6
	X86	AMI - IBM X86
<sup>7</sup> "New" Wrapper Scripts for AMI Status	Y	Scripts in production
	n/a	Not needed for this PGE
	N	Development not yet begun
	SSI&T	Delivered and in SSI&T (CM or SIT) testing prior to operational processing
	Devel	Development in progress for inclusion in next delivery

Revisions:			
Date	Affected Section or PGE/Product ID	Revision Made	
9/6/2011	CER4.1-4.1P6, 2P4, 2P5, 3P3 CER4.5-6.1P4, 1P5, 2P3, 4P2	Changed P4 status from "Y" to "N"	
	CER2.1P1, 2.2P1, 2.3P1, 2.3P1, 2.3P2 CER3.1P1, 3.2P1 CER4.1-4.1P4, 1P5, 2P2, 4P1 CER4.5-6.1P2, 1P3, 2P2, 4P1 CER5.0P1, 1P1, 4P1 CER6.1P1, 2P1, 3P1 CER9.1P1, 2P1, 3P1, 4P1 CER12.1P1	Changed SGI Status from "Y" to "N"	
	CER4.5-6.1P2, 5P5	Changed P4 status from "SSI&T" to "Y"	
	CER7.2.1P1	Changed X86 and New Wrapper Status from "Y" to "SSI&T"	
	CER12.1P2	Changed P4 status from "SSI&T" to "N"	
	9/19/2011	CER1.1P1,3,5,7	Changed X86 Status from "Y" to "Devel" , Changed P6 status from "N" to "SSI&T"
		CER1.1P8	Changed P6 and New Wrapper Status from "Y" to "SSI&T", Changed X86 status from "N" to "Devel"
		CER2.1P1, 2.2P1, 2.3P1, 2.3P1, 2.3P2 CER3.1P1, 3.2P1	Changed X86 Status from "N" to "Devel"
10/3/2011	CER1.1P1,3,5,7	Changed P6 status from "Devel" to "SSI&T"	
	CER4.1-4.1P6, 2P4, 2P5, 3P3	Changed P6 status from "SSI&T" to "Devel"	
10/19/2011	None		
10/31/2011	CER1.1P8, 1.4P2	Changed P6 status to "Y (NPP)"	
	CER2.1P1, 2.2P1, 2.3P1, 2.3P1, 2.3P2 CER3.1P1, 3.2P1	Changed P6 and New Wrapper Status from "SSI&T" to "ValRx"	
11/15/2011	No Updates		
11/28/2011	CER1.1P8, 1.4P2	Removed "(NPP)" distinction from P6 status	
	CER7.3.1P1	Changed P6 and New Wrapper Status from "Devel" to "SSI&T"	