

## April 4, 2012 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 04/04/12  
Active Requests in order of priority as of 04/02/12**

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,  * <b>NEW - NPP 1-12</b> *	NPP	AtLaunch	BDS/ ERBELike (SS1-3)	1.0P2, 1.1P8, 1.2P1, 1.4P1, 1.4P2, 2.2P1, 2.3P1/2, 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	
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	
AM 12-11 thru 19-11  PM 12-11 thru 19-11	Terra  Aqua	Edition1-CV	BDS/ ERBELike (SS1-3)	1.1P8 1.2P1 1.4P1 1.4P2 2.1P1 2.2P1 2.3P1/2 3.1P1	Standing request	

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AM 1-11 to 7-11 FM3 1-11 to 7-11  * NEW – FM4 1-12 to 7-12*	Terra Aqua	Edition1-CV	SSF Clouds and Inversion	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2 4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request	
PR M 3-11 SCCR 858	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	
PR M 2-11 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	
The PRs that follow are the Non-Standing PRs that can be processed						
PRs 161-11 thru 163-11	Terra	Edition3A	SFC	9.2P2, 9.3P2 9.4P2	1/06, 5/06, 6/06	Ready  Priority Level 1
PRs 208-11, 207-11  SCCR 801	Terra +Aqua	Edition3A	TSI	10.0P3, 7.3.1P1	7/2002 – 4/2006	In Progress  Priority 2
PRs 204-11, 203-11  SCCR 801	Terra +Aqua	Edition3A	TSI	10.0P3, 7.3.1P1	1/2006 5/2006 – 12/2007	Ready  Priority 2
PRs 200-11, 199-11  SCCR 801	Terra +Aqua	Edition3A	TSI	10.0P3, 7.3.1P1	12/ 2007 – 6/2010	Ready  Priority 2
PRs 196-11, 195-11  SCCR 801	Terra +Aqua	Edition3A	TSI	10.0P3, 7.3.1P1	7/2010 - 12/2010	Ready  Priority 2
PR 206-11  SCCR 804	Terra +Aqua	Edition3A	SYNi	7.2.1P1	7/2002 – 4/2006	Ready  Priority 2

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PR 202-11 SCCR 804	Terra +Aqua	Edition3A	SYNi	7.2.1P1	1/2006 5/2006 – 12/2007	Ready Priority 2
PR 198-11 SCCR 804	Terra +Aqua	Edition3A	SYNi	7.2.1P1	12/ 2007 – 6/2010	Ready Priority 2
PR 194-11 SCCR 804	Terra +Aqua	Edition3A	SYNi	7.2.1P1	7/2010 - 2/2010	Ready Priority 2
PR 207-11 SCCR 795	Terra +Aqua	Edition3A	SYN1deg- 3Hour/ M3Hour/ Month	8.1P1	7/2002 – 4/2006	Ready Priority 2
PR 201-11 SCCR 795	Terra +Aqua	Edition3A	SYN1deg- 3Hour/ M3Hour/ Month	8.1P1	1/2006 5/2006 – 12/2007	Ready Priority 2
PR 197-11 SCCR 795	Terra +Aqua	Edition3A	SYN1deg- 3Hour/ M3Hour/ Month	8.1P1	12/ 2007 – 6/2010	Ready Priority 2
PR 193-11 SCCR 795	Terra +Aqua	Edition3A	SYN1deg- 3Hour/ M3Hour/ Month	8.1P1	7/2010 - 12/2010	Ready Priority 2
PR 65-11 SCCR 794	FM1 FM2	Edition3A	SAH	5.0P2	7/10 – 11/10	Ready Priority Level 1
PR 69-11 SCCR 794	FM1 FM2	Edition3A	SAH	5.0P2	12/2010	Ready Priority Level 1
PR 8-12 SCCR 794	Terra	Edition3A	SAH	5.0P2	1/11 – 8/11	Ready Priority Level 1
PR 100-10 SCCR 794	FM3, FM4	Edition3A	SAH	5.0P2	7/02 – 3/05	Ready Priority Level 1

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PRs 17-12 thru 26-12  SCCRs 716, 863, 740	Terra, Aqua	Edition3	BDS/IES ES8/4/9	1.2P1, 1.3P3 2.2P1, 2.3P1&2 2.4P1	6/2/11 – 9/1/11	In Progress Terra Complete  Priority Level 1
PR 6-11  SCCR 749	CERES	GMAO-G541-Ed4	MOA	12.1P2	2/28/2000 – 3/1/2010	In Progress  Priority Level 2
PRs 14-12 thru 16-12  SCCRs 870, 791, 690	Terra	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	12/31/10 – 9/1/11	In Progress. Complete thru 8/31/11 Priority Level 3
PRs 9-12, 10-12, 13-12  SCCR 789	Terra	Edition3A	SFC	9.2P2, 9.3P2 9.4P2	12/31/10 – 9/1/11	In Progress. Complete thru 8/31/11 Priority Level 3
PRs 5-12 thru 7-12  SCCRs 871, 791, 690	FM3, FM4	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	12/31/10 – 9/1/11	Ready  Priority Level 3
PRs 2-12 thru 4-12  SCCR 789	Aqua Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/31/10 – 9/1/11	Ready  Priority Level 3
PR 1-12  SCCR 794	Aqua	Edition3A	SAH	5.0P2	1/11 – 8/11	Ready  Priority Level 3
PR 137-09  SCCR 746	FM1, FM2	Edition2A	ISCCP-D2like-Day/Nit	9.0P1	Launch thru 10/02	In Progress  Priority Level 3
PRs <del>136-09</del> 46-12, 47-12  SCCR 746	FM3, FM4	Edition2A	ISCCP-D2like-Day/Nit	9.0P1	Launch thru 10/02	Ready.  Priority Level 3

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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
PR 182-10  SCCR 794	Terra	Edition3A	SAH	5.0P2	3/00 – 10/05	Complete.
<b>**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed pre-operational testing and been promoted ****</b>						
PRs 31-12 thru 45-12 <del>PRs 29-11 thru 31-11</del>  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- Pending Software Promotion  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- Pending Software Promotion  Priority Level 3

**Table 2. April 4, 2012 - 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>• Developing example pages for the SCCR Dashboard tool (Heckert)</li> <li>• SCCR 809 – Provided the updated Clouds Operator’s Manual to the ASDC and posted it on the Web. (Saunders)</li> <li>• SCCR 809 – Testing the Clouds delivery. Working with the Clouds team to resolve inconsistencies in test results. (Ayers)</li> <li>• SCCR 763 – Installed updated TISA Gridding scripts to correct a problem found during operational testing and provided them to the ASDC. (Ayers)</li> <li>• SCCR 763 – Provided the updated TISA Gridding Operator’s Manual to the ASDC in response to Documentation Problem Reports 70 and 71, and posted it on the Web. (Saunders)</li> <li>• SCCR 814 – Provided the updated Inversion Operator’s Manual to the ASDC and posted it on the Web. (Saunders)</li> <li>• Provided the updated Promoted Directories document to the ASDC. (Ayers)</li> <li>• SCCR 763 – Installed an updated TISA Gridding script and provided it to the ASDC in response to Software Problem Report 185. (Ayers)</li> <li>• SCCR 886 – Installed, compiled, and tested Perl_Lib on <i>AMI-P</i>, and released it to the ASDC on April 2. (Ayers)</li> <li>• SCCR 875 – Installed, compiled, and tested CERESlib on <i>AMI-P</i> and <i>magneto</i>, and released it to the ASDC on April 2. (Ayers)</li> <li>• SCCR 889 – Installed this TISA Averaging delta delivery on <i>AMI-P</i>, and released it to the ASDC on April 2. (Ayers)</li> <li>• Provided promotion priority information to the ASDC regarding SCCRs 875, 886, and 889. (Ayers)</li> </ul>
<i>AMI</i> Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> <li>• Updating the job submission scripts for the ERBE-like PGEs as necessary in preparation for the upcoming delivery. (Grepotis, Hillyer)</li> </ul>

**Table 3. CERES Subsystem Delivery Schedule – April 2012**

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)
Clouds (SCCR 809)	N/A	March 23 In CM Queue	March 30	Redelivering the Edition4 code to <i>AMI-P</i> .			<i>AMI-P6</i>
Inversion (SCCR 814)	March 23	April 6	April 13	Terra and Aqua Beta1-Edition4. PGEs CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3 and CER4.5-6.4P2.	X		<i>AMI-P6</i>
ERBE-like (SCCR 867)	April 13	April 27	May 4	Porting all ERBE-like PGEs to <i>x86</i> platform and standardizing exit codes.			<i>AMI-x86</i>
TISA Gridding (SCCCR 888)	My 11	May 25	June 1	Delivering Edition4 SSF1deg-Hour. New PGEs: CER9.2P3, CER9.3P3, and CER9.4P3.			<i>AMI-P6</i>
TISA Averaging		Spring 2012		Delivering the Flux-by-Cloud-Type code to <i>AMI-P</i> .			<i>AMI-P6</i>
Instrument (SCCR 877)		July 2012		Converting PGE CER1.3P3 to C++ creating new PGE CER1.4P3.		X	<i>AMI-P6 &amp; AMI-x86</i>
Instrument (SCCR 878)		July 2012		Update CER1.1P8 to fix any issues found after NPP launch. Also include any fixes for issues which arise with TRMM/Terra/Aqua for this PGE.			<i>AMI-P6 &amp; AMI-x86</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 – April 2012**

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 March 19 at 7:00 p.m. – April 3 at 4:00 p.m.**

<b>SCCR</b>	<b>S</b>	<b>U</b>	<b>A</b>	<b>C</b>	<b>D</b>	<b>SS</b>	<b>Page No.</b>	<b>Comments</b>
763				X		TISA Gridding		
809			X			Clouds		
875			X	X		CERESlib		
886			X	X		Perl_Lib		
888	X					TISA Gridding	10	
889	X		X	X		TISA Averaging	12	

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

## CERES Software Configuration Change Request Submittal

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Subsystem: TISAGrid9.0                      SCCR Date & TIME: 2012-03-27 15:42:23                      SCCR No.: 888

Parameter Change: (X) YES ( ) NO

### Description of Change (Science):

Requirement # 9-4.8

Product name is changed from SFC to SSF1deg-Hour for Edition4.

Requirement # 9-4.9

Data is processed and written in GMT for Edition4.

Requirement # 9-4.10

HDF product is generated as daily files for Edition4 Requirement # 9-3.6 Overlap hours from the last day of the previous month and the first day of following month are added to zonal binary files.

Requirement # 9-2.15

Code is modified to compute cloud IWP/LWP and Particle sizes weighted by liquid and ice amounts.

Requirement # 9-2.16

Code is modified to set Angular model scene type area coverage to default where albedo is set to default.

### Reason for Change (Science):

Requirement #s 9-4.8, 9-4.9, 9-4.10, 9-3.6, 9-2.15,9-2.16 Requested by the Science team.

### Description of Change (non-Science):

Requirement # 9-4.11,9-3.7,9-2.17

PCF generator and process run scripts will be modified according to the CERES requirements. Also, new PGE numbers since this delivery is for a new edition of code.

### Reason for Change (non-Science):

Requirement # 9-4.11,9-3.7,9-2.17

CERES requirement for software delivery on to AMI.

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

#### Description of Parameter Change:

Replace Total-sky flux reference with All-sky flux

Add Precipitable Water MOA

Add Wind Speed MOA

Add Estimated Inversion Strength MOA

Add CWG Surface Skin Temperature MODIS

Add Liquid Particle (3.7), Liquid Particle Radius(1.2), Ice Particle radius (3.7), Ice Particle radius (1.2) in all 4 cloud layers

Add 11 Cloud Overlap Conditions (Clear,Lower,Lower Middle,Upper Middle, High, High over Upper Middle, High over Lower Middle, High over Lower, Upper Middle over Lower Middle, Upper Middle over Lower, Lower Middle over Lower.)

Remove Vertical Aspect Ratio from all 4 cloud layers.

Add Surface Flux LW Model C

Add Deep blue aerosol optical depth land (0.470)  
Add Deep blue aerosol optical depth land (0.550)  
Add Deep blue aerosol optical depth land (0.659)  
Add Solution indices ocean small average  
Add Solution indices ocean large average

Reason for Parameter Change:

All changes are included in Edition4 SSF1deg-Hour HDF product.

Affected PGEs in this Subsystem:

CER9.2P3, CER9.3P3, CER9.4P3

Estimated Time to Complete Change: 2 months

Planned Delivery Date: May 25, 2012

List Affected Subsystems and PGE Names: TISA Averaging: SS10, SS7.1

Originator: RAJU, RAJA (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: TISAavg7.1                      SCCR Date & TIME: 2012-03-27 16:26:55                      SCCR No.: 889

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Req # 7.3-13 Delta Delivery - Update CER7\_3\_1P1\_PCF.pm to add the "END METADATA WRAPPER INFORMATION" to the PCF file

Req # 10-42 Delta Delivery: Update CER10\_0P3\_PCF.pm to add "END METADATA WRAPPER INFORMATION" to the PCF file

Reason for Change (non-Science):

The Wrapper program issued error message because it could not find the line "END METADATA WRAPPER INFORMATION" in the PCF file.

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

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

CER7.3.1P1, CER10.0P3

Estimated Time to Complete Change: Complete

Planned Delivery Date: March 27, 2012

List Affected Subsystems and PGE Names: None

Originator: NGUYEN, CATHY (SSAI)

**Table 6. April 4, 2012 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>• Toolkit v18, built with GCC 4.2.2 (current version), will be available for testing on AMI x86 and ppc64. Location and environment configuration will be sent to DMT via email. (Hillyer)</li> </ul>	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>• SCCR 875 – An issue was discovered with XLF library installations. XLF has been moved to /usr/local and the CERES environment has been updated accordingly. SCCR has been delivered to CERES CM. (Hillyer)</li> </ul>	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>• SCCR 886 – Updated LD_LIBRARY_PATH in AJSS environment module in response to XLF installation changes. SCCR has been delivered to CERES CM. Updated Promoted Directories document to reflect new code structure. (Hillyer)</li> </ul>	
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> <li>• Attended meetings to discuss requirements, schedule, and implementation. (Hillyer, Wilkins)</li> <li>• Completed first iteration of CATALYST server. Server provides user access functions, blade “sanity” checks, and blade resource query functions. Currently only reads and logs incoming PRs. (Hillyer, Wilkins)</li> <li>• Starting work on second iteration of CATALYST server. This will include accepting and interpreting an incoming PR. Targeting April 18 for completion of second development iteration. (Hillyer)</li> <li>• Working on completing first iteration of DRMAA. Targeting April 18 for alpha build release. (Hillyer)</li> <li>• Working on first iteration of admin console application. Application currently creates SSH tunnel to CATALYST server, establishes XML-RPC connection, and queries for blades that have passed current list of sanity checks. Implementing remaining UI components for currently available RPCs. (Wilkins)</li> <li>• Designing and implementing handler to work with the ASDC epilogue scripts. (Hillyer, Wilkins)</li> <li>• Defining and testing other XML-RPC methods for process controller. (Hillyer, Wilkins)</li> </ul>	
1.0	Cooper	<ul style="list-style-type: none"> <li>• SCCR 878 – Updates to CER1.1P8 are complete. The updated software is being used to run daily NPP</li> </ul>	

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	(Grepitotis)	<p>processing at the SCF to test the updated software. Testing for TRMM, Terra, and Aqua will begin shortly along with a set of robust test cases, which are being developed. (Grepitotis, Timcoe)</p> <ul style="list-style-type: none"> <li>• SCCR 877 – Convert the remaining Ada PGE CER1.3P3 to C++ (CER1.4P3). Working on adding new functionality to the existing HDF class being used for CER1.1P8, since CER1.4P3 needs to also read an HDF BDS. (Grepitotis, Timcoe)</li> <li>• Testing the PR Web tool approval for Instrument PGEs. (Cooper)</li> </ul>	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• SCCR 867 - Successfully resolved ES4 ppm generator compilation issues (w/ Nelson's makefile/.f &amp; my .c fixes), then updated and recompiled gets4g (remaining code for ES4 plots) and comparison codes with updated compilation script for 3.1P1. P6 test exits with 0, but x86 job causes segmentation fault in s4g_get. Attempt to resolve unsuccessful, so sent instructions to Nelson for testing. Finished &amp; successfully tested Thomas's SGE script updates to CER2.2P1 (after AJSS_PGE.pm fix), then also added &amp; tested system command updates. Did the latter to 2.3P1/2 and 3.1P1. Tested 3.1P1 comparison codes (DES4/9) and hdiff (ES4/9) on current outputs w/ DPO (sgi) equivalents: SW flux differences of 0.1 magnitude appear ~10 times in each case, but albedo and LW flux differences much smaller. Test &amp; DPO DQCGWs match exactly. (Lande, Hillyer, Grepitotis)</li> <li>• SCCR 867 - Developed Test Plan comparison code for the CER2.4P1 outputs that can validate p6 vs x86 version differences within a threshold. (Walikainen)</li> <li>• Provided ES8s for Coastline Analysis, and 3-channel intercomparisons with different WN channel thresholds. (Walikainen)</li> <li>• Continued to provide Science Team with candidate SRFs to correct for FM4 to FM3 Edition3 LW flux discontinuities seen in April 2005. (Walikainen)</li> <li>• Evaluated ERBE-like test cases in the new web interface tool for approving/disapproving PRs. (Walikainen)</li> </ul>	

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		<ul style="list-style-type: none"> <li>• Helped Liz/Carla resolve 3.1P1 inputs issue in PR web tool. Created test PRs for 1.4P1/2. Wrote P6 (300300) updates to modification history of ES4/8/9 abstracts on eosweb. (Lande)</li> </ul>	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> <li>• Combined with above.</li> </ul>	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Generated lists of mismatch between MOD02 and MOD03 data from 2000 to 2011 and MYD02 and MYD03 data from 2002 to 2011. (Chen)</li> <li>• Wrote a code to compare each parameter outputs from cloudvis files. Found the differences between the expected and current cloudvis files. Several comparisons among the Ed4 test runs were generated. (Chen)</li> <li>• Wrote a code to generate the CERES cloud Retrievals from both CERES and AVHRR frameworks. Tried to find out why both results are different. (Chen)</li> <li>• Copied MOA files to NEWS directory to deal with the different version issue. Oct of 2010 C3M for clouds, inversion, and SARB were processed. (Chen)</li> <li>• Continue checking the daily ingest completion of VIMD and VAOT data on /ASDC_archive. (Chen)</li> <li>• SCCR 809 - Prepared and sent Clouds Edition 4 delivery. (Smith)</li> <li>• SCCR 809 - Made many Clouds 2-runs on AMI and AMI-P trying to track down cause if results inconsistencies on AMI-P. (Smith)</li> <li>• Updated Validation procedures to allow complete comparisons between any 2 different 2-Day runs as opposed to comparisons with limited expected data. (Smith)</li> <li>• QC global images and statistics were produced for Aqua and Terra FLASHFlux results from 201112 through 201202. Results are posted on the Web (Brown)</li> <li>• Continued work on v4.3 of CloudVis DX. (Gibson)</li> <li>• AVHRR uses MODULAR framework. In order to see if AVHRR/MODULAR is doing it right, we did</li> </ul>	

**Table 6. April 4, 2012 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
		<p>comparisons between MODIS/MODULAR and MODIS/CERES comparisons. The comparisons are very different. Rabi's group looked into this trying to figure out the causes. Worked with Rabi's group to provide the ASCII numbers of all models, angles, etc. (Sun-Mack)</p> <ul style="list-style-type: none"> <li>• Had a feeling that clear sky reflectance were very different between CERES and MODULAR. Asked Rabi's group to have me take a look at MODULAR clear sky calculations and implementations. Discovered that ocean clear sky reflectance was calculated incorrectly. (Sun-Mack)</li> <li>• The optical depth differences between MODULAR and CERES have very prominent stripes (looks like view angle dependent stripes). Rabi's group was looking into this trying to find out why for some times without success. I was asked to help. Rabi setup the MODULAR code for me. Looked into this. Found the cause. After the fix in MODULAR framework, the stripes went away. This made Pat Minnis and people in Rabi's group very happy. (Sun-Mack)</li> <li>• SCCR 809 - Ed4 Clouds could not produce consistent results running on <i>AMI-P</i>. Many people worked on this. I started to look into the Clouds code itself. It looks like all the differences are over snow/ice area. I chopped out a big piece of clouds retrieval code that I guessed was causing the inconsistency, and that worked (<i>AMI</i> results compared with <i>AMI-P</i> results for 2-days run). Plan to reduce the chopped-out sizes and continue investigating. (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>• Supported CERES Processing Tool meetings. (Miller)</li> <li>• Implemented fix in CCCM convolution code for error in CloudSat height data. (Miller)</li> <li>• Determine Terra FM3 SSFs that had less than 90 percent of nominal footprints. (Miller)</li> <li>• SCCR 809 - Assisted in resolving test problems with</li> </ul>	

**Table 6. April 4, 2012 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
		<p>clouds Edition4 delivery. (Miller)</p> <ul style="list-style-type: none"> <li>• Experimented with creating and loading of long animations to YouTube. The experiments are needed to determine the feasibility of showing 3D animations produced with Tecplot for TOA NetCDF files via YouTube. (Antropov)</li> <li>• Working on the program to read binary SSFB and SSFA files and to write HDF5 SSF file. (Antropov)</li> </ul>	
4.5	Sothcott	<ul style="list-style-type: none"> <li>• SCCR 814 - Updated ADM software to determine the location of the 645 and 860 channels in the imag_chan array. Previously, these locations were hard coded into the code. Also, updated the code so that the imag_chan array is in ascending order. This change required that the radiance variables based on the imager channels be reordered as well. (Sothcott)</li> <li>• SCCR 814 - Completed updates to scripts for the delivery. (Sothcott, Hillyer)</li> <li>• SCCR 814 - Processed 2 months of Terra data for FM1 and FM2 and 1 month of Aqua data for FM3 and FM4 for Science review. (Sothcott)</li> <li>• SCCR 814 - Found and eliminated a bug in the S'COOL subset file that caused different results for the same data runs on <i>AMI</i>. This was a memory issue. (Sothcott)</li> <li>• SCCR 814 - Completed testing of the entire delivery package. Awaiting final Science approval so that the delivery can be made. (Sothcott)</li> <li>• SCCR 814 - Completed and delivered the updated Test Plan and Operator's Manuals. (Sothcott)</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>• Continuing validation of Edition4 surface albedo software. (Caldwell)</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Posting data from SD_archive as requested by Betty Lock. (Caldwell)</li> </ul>	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• No new updates. (Caldwell)</li> </ul>	
7.1	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• Provided support to Moguo Sun in his LW narrowband to broadband conversion study. Updated and made changes to code per his request.</li> </ul>	

**Table 6. April 4, 2012 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
		<p>(Nguyen)</p> <ul style="list-style-type: none"> <li>• Ran phases 1 and 2 to create input data and created the PCF files for July 2004 and January 2005 for Michele to create data to compare with GERB data. (Nguyen)</li> <li>• SCCR 889 – Deliver scripts to add “ERROR – No END METADATA WRAPPER INFORMATION” line to the PCF files. (Nguyen)</li> </ul>	
8.0	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• Updating the DPC for Edition 3 of SYN1deg. (Lock)</li> <li>• Preparing to update the Read program for the new Edition3 SYN1deg files. (Lock)</li> <li>• Provided plots and other information to scientist to review for validation of ValR1. (Lock)</li> <li>• Provided data and plots in support of the TOA and surface flux studies for Seiji Kato. (Lock)</li> <li>• Updated the DPC for the daily SYN product. (Lock)</li> </ul>	
10.0	Nguyen (Lock)	<ul style="list-style-type: none"> <li>• Provided plots for the statistic study of the SSF data, the inputs to flux-by-cloud code. (Nguyen)</li> <li>• Providing plots of the flux-by-cloud product for the CERES Science Team Meeting. (Nguyen)</li> <li>• Adding the last day of the previous month and the first day of the next month cosine solar zenith angles and required parameters to the code to improve the monthly mean in GMT. (Nguyen)</li> <li>• Providing support to Dave Doelling and Moguo Sun in preparing for the CERES STM. (Nguyen)</li> <li>• Tested “Subsystem PR Preview”. (Nguyen)</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 - ISCCP-D2like-Mrg PCF scripts were modified to correct an error found during SSIT testing. Updated files were sent to CERES CM. (Grepitotis, Raju)</li> <li>• Working with the new code that handles writing overlap hour data on to SFC zonal files. (Raju)</li> <li>• Continued to work on Edition4 modifications to PGEs 9.2P3 – 9.4P3. (Raju)</li> </ul>	
11.0	Raju	<ul style="list-style-type: none"> <li>• As per Dave Doelling requests, worked on the 1-</li> </ul>	

**Table 6. April 4, 2012 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
	(Nguyen)	Hourly GGEO software to make it consistent with the 3-Hourly code. Processed 01/2005 data through both 1-Hourly and 3-Hourly PGEs at the SCF. Created Web plots for both GGEO products and compared and checked for bad scans. Both products were processed through PGE 11.6P1 to eliminate bad scan data. Sent the generated GGEO outputs to Cathy Nguyen and Michele Nordeen. (Raju)	

**Table 7. April 4, 2012 – DM Tasks**

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> <li>• Testing Subsystem PR Review Application. (Raju, Nguyen, Walikainen, Cooper, Caldwell)</li> <li>• Testing SIT PR Review application. (Coleman, SIT)</li> <li>• Implementing feedback from testing. (Heckert, Grune, Coleman)</li> <li>• Making fixes based on feedback from preliminary testing of the CERES PR Tool (Heckert)</li> </ul>
CERES Websites (Kizer)	<ul style="list-style-type: none"> <li>• Working on security fixes to CERES DM pages (recently finished CERES CM page security fixes) (Heckert)</li> <li>• The CERES CM site on the Web cluster <a href="http://test-earth-www.larc.nasa.gov/cgi-bin/cerescm/mysql/cerescm.pl">http://test-earth-www.larc.nasa.gov/cgi-bin/cerescm/mysql/cerescm.pl</a> was scanned on March 22nd with only few issues. The issues were resolved and wait for final confirmation on functionality testing. (Heckert, Kizer)</li> <li>• The CERES DM site on the Web cluster <a href="http://test-earth-www.larc.nasa.gov/cgi-bin/ceresdm/ceresdm.pl">http://test-earth-www.larc.nasa.gov/cgi-bin/ceresdm/ceresdm.pl</a> continues to be addressed. (Heckert, Kizer)</li> <li>• The migration of the CERES TISA site to the Web cluster <a href="http://test-earth-www.larc.nasa.gov/cgi-bin/tisa/tisa.pl">http://test-earth-www.larc.nasa.gov/cgi-bin/tisa/tisa.pl</a> was initiated. (Kizer)</li> </ul>
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> <li>• The development for browsing SSF Level2 data continues; merger of codes is still in progress. (Chu, Mitrescu)</li> <li>• Started testing OT on FF and IE browsers. (Chu, Mitrescu)</li> <li>• Solved internal sites OT issues due to ASDC problems on subsets 4, 5, 7, and 8. (Chu, Mitrescu)</li> </ul>

**Table 8. April 4, 2012 – NPP Issues**

Activity	Status
FM5	<ul style="list-style-type: none"><li>• Continuing to monitor the receipt of CERES RDRs and tracking any related issues. (Cooper, Spivak)</li><li>• Investigating a possible issue with look angles for NPP showing different relationships from Aqua. This may or may not be an issue; however, it needs to be understood before the AtLaunch NPP data is processed. It may require another delivery of CER1.0P2, but not certain if it will at this time. (Cooper, Hess, Spivak)</li><li>• Continue running CER1.0P2 and CER1.1P8 in the SCF to monitor the health and safety of the FM5 instrument. (Timcoe)</li><li>• Investigated view zenith angle variations between Aqua MODIS and NPP VIIRS. (Miller)</li><li>• Monitored Discrepancy Report Action Team (DRAT) teleconferences. (Miller)</li></ul>

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)	Comments
		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>	
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
	CER1.1P8	N	N	N/A	Y	16	Devel	16	Y	C++ NPP, Terra, Aqua
	CER1.2P1	N	N	N/A	Y	16	Y	16	Y	C code, NPP capable.
	CER1.3P3	N	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	Y	
	CER1.4P3	N	N	N/A	Devel	16	Devel	16	Devel	
ERBE-like - 2	CER2.1P1	N	Y	16	Y	16	Devel	16	Y	
	CER2.2P1	N	Y	15	Y	16	Devel	16	Y	Compile HDF with TK 15, run with TK 16
	CER2.3P1	N	Y	16	Y	16	Devel	16	Y	
	CER2.3P2	N	Y	16	Y	16	Devel	16	Y	
	CER2.4P1	N	Y	16	Y	16	Devel	16	Y	
ERBE-like - 3	CER3.1P1	N	Y	16	Y	16	Devel	16	Y	
	CER3.2P1	N	Y	16	Y	16	Devel	16	Y	
Clouds 4.1-4	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	SSI&T	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	SSI&T	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	SSI&T	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	SSI&T	16	N	N/A	SSI&T	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future	

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)	Comments
		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>	
Inversion/SOFA	CER4.5-6.1P2	N	Y	16	N	N/A	N	N/A	n/a	Ed2 Terra Main
4.5-6	CER4.5-6.1P3	N	Y	16	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	16	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	16	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)
	CER4.5-6.5P4	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
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/Ed3
	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
TISA Grid - 6	CER5.4P2	N	Y	16	N	N/A	N	N/A	n/a	Ed2 only
	CER6.1P1	N	Y	15	N	N/A	Devel	16	n/a	Ed2 only
	CER6.2P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
TISA Avg - 7.1	CER6.3P1	N	Y	15	N	N/A	N	N	n/a	Ed2 only
	CER7.1.1P1	N	Y	15	N	N/A	N	N/A	n/a	
SARB - 7.2	CER7.3.1P1	N	Y	16	ValRx	16	N	N/A	ValRx	New PGE for Edition3
	CER7.2.1P1	N	Y	16	N	N/A	ValRx	16	ValRx	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

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Status of PGEs on Each Platform and TK Version used for Compilation <sup>1,2</sup>							Status of Misc. Item(s)	Comments
		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>	
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	CER10.0P3	N	Y	16	ValRx	16	N	N/A	ValRx	New PGE for Edition3
GGEO - 11	CER11.1P10	N	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER11.2P2	N	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER11.4P1	N	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER11.6P1	N	Y	16	Devel	16	Devel	16	<b>N</b>	
	CER11.7P1	N	Y	16	Devel	16	Devel	16	<b>N</b>	
Regrid MOA - 12	CER12.1P1	N	Y	16	Y	16	Y	16	Y	Edition 2/3
	CER12.1P2	N	N	N/A	Y	16	Y	16	Y	Edition 4

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

Table 2: CERES Product Current Events Status Table			
Table 2 - CERES Data Products			
Product Name	Responsible Working Group	Archival, Internal, or Ext. Input	URL in Sample Read README updated <sup>1</sup> ? (Y/N)
BDS	Instrument	Archival	<b>N</b>
ES-8	ERBE-like	Archival	<b>N</b>
ES-9	ERBE-like	Archival	<b>N</b>
ES-4	ERBE-like	Archival	<b>N</b>
SSF	Inversion	Archival	Y
CRS	SARB	Archival	Y
FSW	TISA-Gridding	Archival	Y
SYN	TISA-Averaging	Archival	Y
AVG	TISA-Averaging	Archival	Y
ZAVG	TISA-Averaging	Archival	Y
SFC	TISA-Gridding	Archival	Y
SRBAVG	TISA-Averaging	Archival	Y
ISCCP-D2like-Day/Nit	TISA-Gridding	Archival	Y
ISCCP-D2like-GEO	TISA-GGEO	Archival	Y
INSTR	Instrument	Internal	N/A
IES	Instrument	Internal	N/A
EID-6	ERBE-like	Internal	N/A
CRH	Clouds	Internal	N/A
GGEO	TISA	Internal	N/A
MOA	SARB	Internal	N/A
CID-VIRS	Clouds	Ext. Input	N/A
CID-MODIS	Clouds	Ext. Input	N/A
SURFMAP	Clouds	Ext. Input	N/A
GEO	TISA	ValRx	N/A
APD	SARB	Ext. Input	N/A
GAP	SARB	Ext. Input	N/A
MWH	SARB	Ext. Input	N/A
OPD	SARB	ValRx	N/A
<sup>1</sup> Sample Read Package README files: References to URL <a href="http://asd-www.larc.nasa.gov/ceres/ASDceres.html">http://asd-www.larc.nasa.gov/ceres/ASDceres.html</a> need to be updated to <a href="http://science.larc.nasa.gov/ceres">http://science.larc.nasa.gov/ceres</a>			

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
1/3/2012	None	
1/23/2012	CER1.1P1,3,5,7, CER4.1-4.0P1	Moved to Table 3
	CER1.2P1, CER1.3P3	Changed SGI status from "Y" to "N"
	CER6.1P2, 2P2, 3P2	Removed from list
	CER10.0P3	Changed P6 status from "Devel" to "SSI&T"
	CER4.1-4.1P6, 2P4, 2P5, 3P3	Changed New Wrapper Script status from "SSI&T" to "Devel"
2/6/2012	CER10.0P1,2	Moved to disabled/deleted list (Table 3)
2/22/2012	No Updates	
3/5/2012	No Updates	
3/19/2012	4.1-4.1P6, 2P4, 2P5, 3P3	Changed P6 status and new wrapper status from "Devel" to "SSI&T"
	7.3.1P1, 7.2.1P1, 10.0P3	Changed P6 status and new wrapper status to "ValRx"
4/4/2012	4.5-6.1P3, 2P2, 4P1	Changed P4 TK version from "15" to "16"
	4.5-6.5P2,3, 4.5-6.6P2,3	Moved to Disables/deleted table

Table 3. CERES Disabled and Deleted PGEs  
(Published in DMT Report Only When a PGE is Added to Table)

Subsystem ID	PGE ID	Current PGE Production Status <sup>1</sup>	Comments
Instrument - 1	CER1.1P2	Disabled	Remain disabled
	CER1.1P1	Disabled	Probably not to be reactivated
	CER1.1P3	Disabled	Probably not to be reactivated
	CER1.1P4	Disabled	Remain disabled
	CER1.1P5	Disabled	Probably not to be reactivated
	CER1.1P6	Disabled	Remain disabled
	CER1.1P7	Disabled	Remain disabled
	CER1.3P1	Disabled	Probably not to be reactivated
	CER1.3P2	Disabled	Probably not to be reactivated
ERBE-like - 2			
ERBE-like - 3	CER3.2P2	Disabled	
Clouds 4.1-4	CER4.1-4.0P1	Disabled	
	CER4.1-4.1P1	Disabled	
	CER4.1-4.1P2	Disabled	Collection 4
	CER4.1-4.1P3	Disabled	Collection 4
	CER4.1-4.2P1	Disabled	Collection 4
	CER4.1-4.3P1	Disabled	Collection 4
	CER4.1-4.4P1	Disabled	In Op Man, but not in FMP. Delete?
Inversion/SOFA 4.5-6	CER4.5-6.1P1	Disabled	Probably not to be reactivated
	CER4.5-6.2P1	Disabled	Probably not to be reactivated
	CER4.5-6.3P1	Disabled	Probably not to be reactivated
	CER4.5-6.3P2	Disabled	Probably not to be reactivated
	CER4.5-6.3P3	Disabled	Probably not to be reactivated
	CER4.5-6.5P2	Disabled	Probably not to be reactivated
	CER4.5-6.5P3	Disabled	Probably not to be reactivated
	CER4.5-6.6P2	Disabled	Probably not to be reactivated
	CER4.5-6.6P3	Disabled	Probably not to be reactivated
SARB - 5	CER5.2P1	Deleted	
	CER5.3P1	Disabled	
TISA Grid - 6			
TISA Avg - 7.1			

Table 3. CERES Disabled and Deleted PGEs  
(Published in DMT Report Only When a PGE is Added to Table)

Subsystem ID	PGE ID	Current PGE Production Status <sup>1</sup>	Comments
SARB - 7.2			
TISA Avg - 8	CER8.2P1	Deleted	Merged with CER8.1P1
TISA Grid - 9			
TISA Avg - 10	CER10.0P1	Disabled	No longer required - using SCF-produced LITE instead
	CER10.0P2	Disabled	No longer required - using SCF-produced LITE instead
	CER10.1P1	Disabled	Replace with CER10.0P2
	CER10.1P2	Disabled	Replace with CER10.0P1
	CER10.2P1	Deleted	
	CER10.3P1	Deleted	
	CER10.1P3	Disabled	
	CER10.1P4	Disabled	Replace with CER10.0P2 for Terra
	CER10.1P5	Disabled	Replace with CER10.0P1 for Terra
GGEO - 11	CER11.1P1	Disabled	
	CER11.1P2	Disabled	
	CER11.1P3	Disabled	
	CER11.1P4	Disabled	
	CER11.1P5	Disabled	
	CER11.1P6	Disabled	
	CER11.1P7	Disabled	
	CER11.1P8	Disabled	
	CER11.2P1	Disabled	
	CER11.3P1	Disabled	
	CER11.5P1	Deleted	
Regrid MOA -12			