

March 3, 2010 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 03/01/10
Active Requests in order of priority**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
M-PR 3-02		NSIDC- NESDIS	EICE ESNOW (SS4.1)	4.1-4.0P1	Standing request	
M-PR 1-09		NSIDC- NESDIS	EICE ESNOW 16 th mesh	4.1-4.0P2	Standing Request	
Standing requests AM- PR 1-05 to 7-05	Terra	Edition1-CV	BDS/ ERBELike (SS1-3)	1.1P3 1.2P1 1.3P1 1.3P2 2.1P1 2.2P1 2.3P1 2.3P2 3.1P1	Standing request	These PRs replace standing requests AM- PR 1-00 to 7-00.
Standing requests PM-PRs 15-05 to 18-05	FM3	Edition1-CV	BDS/ ERBELike (SS1-3)	1.1P5 1.2P1 1.3P1 1.3P2 2.2P1 2.3P1 2.3P2 3.1P1	Standing request	These PRs replace standing requests PM-PRs 1-05 to 4-05.
Standing requests PM-PRs 11-05 to 14-05	FM4	Ed1-CV- NoSW	BDS/ ERBELike (SS1-3)	1.1P5 1.2P1 1.3P1 1.3P2 2.2P1 2.3P1 2.3P2 3.1P1	Standing request	These PRs replace standing requests PM-PRs 7-05 to 10-05.
PR 44-09 SCCR 741	FM1, FM2, MODIS V005	Edition2B- QC	SSFI	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	1/1/08 – 1/1/09 1/1/08 – 1/1/10	In Progress – on 9/08
PR 43-09 SCCR 690	FM1, FM2	Edition2G	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/1/08 – 1/1/09 1/1/08 – 1/1/10	In Progress – on 9/08

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PRs 104-09 thru 111-09 Clouds 2008 on <i>warlock</i> SCCR 742	FM1, FM2	ValR14w4 (GEOS4), ValR14w5 (G5-CERES)	SSF	Clouds and Inversion	12/07	In Progress ValR14w4 complete
PR 84-09 SCCR 719	FM3, FM4	Beta2-Ed3	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	1/04, 4/04, 7/04, 10/04, 1/06, 7/06	Done. 2/18/10
PR 82-09 SCCR 704	FM3, FM4	Beta2-Ed3	SSF	4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	1/04, 4/04, 7/04, 10/04, 1/06, 7/06	Done. 2/18/10
PR 42-09 SCCR 685	FM1, FM2	Edition2G	SFC	9.2P1 9.3P1 9.4P1	1/1/08 – 1/1/09 1/1/08 – 1/1/10 hr 11	In progress
PRs 129-09 thru 135-09	FM1, FM2	ValR16 (for Ed3)	BDS, IES, ERBE-like	Instrument and ERBE-like	12/04, 5/05, 6/06, 10/07, 5/08, 3/09	In progress
PR 49-09	FM3, FM4, MODIS V005	Edition2C	SSFI	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	1/1/08 – 1/1/09 1/1/08 – 1/1/10	Ready
PR 48-09 SCCR 690	FM3, FM4	Edition2D/ Ed2D-NoSW	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	1/1/08 – 1/1/09 1/1/08 – 1/1/10	Ready
PRs 96-09 SCCR 726		ValR14	ERBE-like snow	2.1P1	9/09 – 11/09	Ready
PR 95-09 SCCR 727	FM3, FM4	ValR14	SRF	2.4P1	9/07 – 11/07	Ready
PR 90-09 SCCR 727	FM1, FM2	ValR14	SRF	2.4P1	9/07 – 11/07	Ready
PR 47-09 SCCR 685	FM3, FM4	Edition2D/Ed2 D-NoSW	SFC	9.2P1 9.3P1 9.4P1	1/1/08 – 1/1/09 1/1/08 – 1/1/10 hr 11	Pending SSF input
PR 41-09 SCCR 692	FM1 V005 MOD08	Edition2G	CRS	5.0P1 5.1P1 5.4P1	1/1/08 – 12/31/08 1/1/08 – 12/31/09	Process 1 st month and wait for SS checkout
PR 46-09	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P1	1/1/08 – 12/31/08 1/1/08 – 12/31/09	Pending SSF input - process 1 st month and wait for SS checkout

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PR 45-09 SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	1/4/1/08 – 12/31/08 1/1/08 – 12/31/09	Pending input
PR 40-09 SCCR 685	FM1	Edition2G	FSW	6.1P1 6.2P1 6.3P1	1/4/1/08 – 12/31/08 1/1/08 – 12/31/09	Pending CRS input
PR 76-09 SCCR 718	FM1	Edition2G	SAH	5.0P2	1/08 – 12/08	In progress
PR 78-09 SCCR 718	FM1, FM2	Edition2B	SAH	5.0P2	11/05 – 6/06	Ready
PR 77-09 SCCR 718	FM1	Edition2F	SAH	5.0P2	7/06 – 12/07	Done. 2/12/10
PR 75-09 SCCR 718	FM3	Edition2B	SAH	5.0P2	11/05 – 6/06	In progress
PR 73-09 SCCR 718	FM3	Edition2D	SAH	5.0P2	1/08 – 12/08	Pending input data
PR 74-09 SCCR 718	FM3	Edition2C	SAH	5.0P2	7/06 - 12/07	Done. 2/25/10
PR 2-10 SCCR 753	CERES	DAO-G5- CERES	MOA	12.1P1	1/08 – 12/09	In Progress – pending further input from GMAO
PR 1-10 SCCR 753	CERES	DAO-G5- CERES	PMOA	9.1P1	1/08 – 12/09	In Progress – pending input
<p>**** The PRs that follow cannot be processed until the PGEs have completed the delivery and testing phases. ****</p>						
PRs 16-10 SCCR 749	CERES	ValR4x86- Ed3	MOA	12.1P2	7/04	In Pre-Op testing
PR 15-10 SCCR 749	CERES	ValR4p6-Ed3	MOA	12.1P2	7/04	In Pre-Op testing
PR 37-10 SCCR 749	CERES	ValR4x86- Ed2	MOA	12.1P1	7/04	In Pre-Op testing
PR 36-10 SCCR 749	CERES	ValR4p6-Ed2	MOA	12.1P1	7/04	In Pre-Op testing
PRs 11-10 thru 14-10 (in development)	FM1, FM2, FM3, FM4	ValRx	SRBAVG	10.0P1, 10.0P2	1/04, 4/04, 7/04, 10/04	In Pre-Op Testing

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 9-10 thru 10-10 (in development)	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	3/2000 – 10/05	In Pre-Op Testing
PRs 7-10 thru 8-10 (in development)	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	7/2002 – 10/05	In Pre-Op Testing
PRs 127-09, 128-09	FM1, FM2	Edition3	BDS, IES	Instrument and ERBE	12/04 – 3/09	Pending ValRx approval
PR 63-09 SCCR 653		Beta10	GGEO	11.10P1	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	In Pre-Op testing
PR 62-09 SCCR 653		Beta10	GGEO	11.2P2	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	In Pre-Op testing
PR 61-09 SCCR 653		Beta10	GGEO	11.4P1	1/1/06 7/1/06 1/1/07 7/07 10/07 12/08	In Pre-Op testing
PRs 138-09, 139-09 SCCR 746	FM1, FM2, FM3, FM4	ValR1	ISCCP-D2like-Day/Nit	9.0P1	7/02 – 4/03 Seasonal Months only	In Pre-Op testing
PR 141-09 SCCR 736		ValR1	ISCCP-D2like-GEO	11.7P1	7/02 – 4/03 Seasonal Months only	In Pre-Op testing
PR 60-09 SCCR 653		Edition2A	GGEO	11.1P10	11/05 – 6/09	Pending Beta10 processing and approval
PR 59-09 SCCR 653		Edition2A	GGEO	11.2P2	11/05 – 6/09	Pending Beta10 processing and approval
PR 58-09 SCCR 653		Edition2A	GGEO	11.6P1 11.4P1	11/05 – 6/09	Pending Beta10 processing and approval

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 5-10 thru 6-10 (in development)	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	11/05 – 12/09	In Pre-Op Testing
PRs 3-10 thru 4-10 (in development)	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	11/05 – 12/09	In Pre-Op Testing
PRs in development	FM1, FM2, FM3, FM4	Edition2x	TSL, SYNI, SYN/AVG /ZAVG	7.1P1, 7.2P1, 8.1P1	11/05 – 12/08	Pending GGEO/SRBAVG processing
PRs 136-09, 137-09 SCCR 746	FM1, FM2, FM3, FM4	Edition2	ISCCP-D2like-Day/Nit	9.0P1	launch thru 9/09	In Pre-Op testing
PR 140-09 SCCR 736		Edition2	ISCCP-D2like-GEO	11.7P1	3/2000 – 12/08	In Pre-Op testing
PR 94-09 SCCR 734	FM3, FM4	ValR14	ES8	2.2P1	9/07 – 11/07	Pending Delivery
PR 93-09 SCCR 734	FM3, FM4	ValR14	ES8	2.3P1	9/07 – 11/07	Pending Delivery
PR 92-09 SCCR 734	FM3, FM4	ValR14	ES8	2.3P2	9/07 – 11/07	Pending delivery
PR 89-09 SCCR 734	FM1, FM2	ValR14	ES8	2.2P1	9/07 – 11/07	Pending Delivery
PR 88-09 SCCR 734	FM1, FM2	ValR14	ES8	2.3P1	9/07 – 11/07	Pending Delivery
PR 87-09 SCCR 734	FM1, FM2	ValR14	ES8	2.3P2	9/07 – 11/07	Pending delivery
PR 86-09 SCCR 735	FM1, FM2	ValR14	ES4, ES9	3.1P1	10/07	Pending Redelivery
PR 86a-09 SCCR 735	FM1+ FM3	ValR14	ES4, ES9	3.2P1	10/07	Pending Redelivery
PR 91-09 SCCR 735	FM3, FM4	ValR14	ES4, ES9	3.1P1	10/07	Pending Redelivery

Table 2. March 3, 2010 - System Issues and Status

Activity	Lead	Status
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> • See Table 3 for the current CERES Subsystem Delivery Schedule and Table 4 for the current CERES Coefficients Delivery Schedule. (Ayers) • See Table 5 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 5. (Ayers) • The Instrument deliveries associated with SCCRs 717 and 747 are currently being tested on <i>AMI</i>. (Ayers) • The Instrument (SCCR 716) delivery package was installed, compiled, and tested on <i>AMI</i>, and released to the ASDC on February 18. Six of the delivered PGEs were compiled and tested on <i>AMI-x86</i> and the other delivered PGE was compiled and tested on both <i>AMI-P6</i> and <i>AMI-x86</i>. The Instrument Test Plan associated with this delivery was updated, provided to the ASDC, and posted on the Web. (Ayers, Saunders) • The updated Edition3 gains for Terra FM1 & FM2 for December 2, 2004, through March 1, 2009, were installed on <i>warlock</i> & <i>AMI</i> and released to the ASDC on March 1. (Ayers) • Updated GGEO and TISA Averaging scripts were installed on <i>magneto</i> and provided to the ASDC in response to software problem reports. (Ayers) • Corrections were made to the GGEO Test Plan for SCCRs 653 and 736 in response to a document problem report. The updated document was provided to the ASDC and posted on the Web. (Saunders) • The Instrument (SCCR 756) Operator's Manual was updated, posted on the Web, and provided to the ASDC. The corresponding updates were also made in the File Management Policy. (Saunders) • The Promoted Directories document was updated and provided to the ASDC. (Ayers) • CERES CM training was provided to ten members of the DMT. (Ayers) • The CERES Subsystem and Coefficients Delivery Schedules were updated and posted on the Web. (Ayers, Saunders)

Table 3. CERES Subsystem Delivery Schedule – March 2010

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 717)	November 20	December 4 In Testing	February 12	Delivery of PGE CER1.1P7 to x86 platform for NPP . (Ada)			<i>AMI-x86</i>
Instrument (SCCR 731)	October 23	November 6 On Hold	February 12	Build that runs full Terra/Aqua Baseline1-QC and Edition1-CV . PGE 1.1P8 (C++).			<i>AMI-P6</i>
Instrument (SCCR 747)	January 22	February 5 In Testing	February 12	Pre-processor (PGE 1.0P2) updates for NPP . (C++)			<i>AMI-P6</i>
CERESlib	February 19	March 5	March 12	ERBE-like and TISA Gridding modifications.			<i>magneto-P4, AMI-P6, & AMI-x86</i>
ERBE-like (SCCR 735)	October 30	March 5	March 12	Delivering the Subsystem 3 PGEs. (Edition2/Edition3)	X		<i>magneto-P4</i>
ERBE-like (SCCR 734)	February 19	March 5	March 12	Delivering the remaining Subsystem 2 PGEs with updates for crosstrack. (Edition2/Edition3)	X		<i>magneto-P4</i>
TISA Gridding (SCCR 739)	January 29	March 5	March 12	SFC Terra and Aqua Beta2-Edition3 . PGEs CER9.2P2, CER9.3P2, & CER9.4P2.	X	X	<i>AMI-P6</i>
GGEO (SCCR 757)	February 26	March 12	March 19	First delivery of PGE CER11.6P1 to <i>magneto</i> . (Edition2)			<i>magneto-P4</i>

Table 3. CERES Subsystem Delivery Schedule – March 2010

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)
Inversion (SCCR 722)	March 12	March 26	April 2	Incorporate Edition3 IESs into SSFs without having to rerun Clouds. (Edition2)		X	<i>magneto-P4</i>
Instrument (SCCR 756)	January 29	March 26	April 2	New C++ CER1.4P1 (formerly CER1.3P1) for NPP .		X	<i>AMI-P6</i>
TISA Gridding		March		Beta1–Edition2 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>
Instrument (SCCR 755)	March 26	April 9	April 17	Updates to PGE 1.1P8 for Terra/Aqua (Edition1-CV) and NPP . (C++) Also, build to correct any NPP-related errors discovered in NCT3 testing.			<i>AMI-P6</i>
TISA Averaging		April		SRBAVG-nonGEO Beta2-Edition3 . New PGE for the subsetter code.		X	<i>AMI-P6</i>
TISA Gridding		April/May		Edition2 ISCCP-D2like-Flx.			<i>AMI-P6</i>
Instrument	April 16	April 30	May 7	New C++ Gain Analyzer CER1.4P2 (Formerly CER1.3P2) for NPP .		X	<i>AMI-P6</i>
TISA Averaging		May		SRBAVG-GEO Beta2-Edition3 . Adding Model C surface fluxes and solar insulation.			<i>AMI-P6</i>

Table 3. CERES Subsystem Delivery Schedule – March 2010

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)
TISA Gridding		May		Beta2-Edition3 ISCCP-D2like-Day/Nit. (PGE 9.0P1) (This delivery might not be needed.)			<i>AMI-P6</i>
ERBE-like (SCCR 740)		May		Delivery of all ERBE-like PGEs to <i>AMI</i> . (Edition2/Edition3)			<i>AMI-P6</i>
Instantaneous SARB		Mid May		New PGE to produce MATCH input files. (Edition2)		X	<i>AMI-P6 & AMI-x86</i>
GGEO		???		Beta1-Edition3 GGEO delivery.			<i>AMI-P6</i>
Clouds		June		Terra and Aqua Edition3 .			<i>AMI-P6</i>
Inversion		July		Terra and Aqua Edition3 .			<i>AMI-P6</i>
Instrument	August 6	August 20 (Launch – 13 months)	August 27	Build corrects all NPP errors found so far. Last Build before launch freeze date. Might not be needed. Includes pre-processor.			<i>AMI-P6</i>
Instantaneous SARB		August		Edition3			<i>AMI-P6 & AMI-x86</i>
Synoptic SARB		November		Edition3			<i>AMI-P6 & AMI-x86</i>
Clouds		???		Support TRMM VIRS-only processing of August 2001 forward.			<i>magneto-P4</i>

Table 3. CERES Subsystem Delivery Schedule – March 2010

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)
Inversion		Two to four weeks after Clouds		Support TRMM VIRS-only processing.			<i>magneto-P4</i>
Instrument (SCCR 641)		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	<i>magneto-P4</i>

Table 4. CERES Coefficients Delivery Schedule – March 2010

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
ERBE-like	N/A	March 19		Terra Edition3 spectral response function files for Launch – January 2009.	<i>warlock/ magneto/ AMI</i>
Instrument	N/A	May		Aqua Edition3 gain files for Launch – March 2005.	<i>warlock/ AMI</i>
ERBE-like	N/A	May (Two weeks after associated gains files)		Aqua Edition3 spectral response function files for Launch – March 2005.	<i>warlock/ magneto/ AMI</i>
Instrument/ ERBE-like	N/A	???		TRMM Edition3 gains and spectral response function files.	<i>warlock/ magneto/ AMI</i>

Table 5. SCCR Activity February 16 at 2:30 p.m. – March 2 at 3:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
622					X	5		
739		X				9	12	
752				X		4.1 – 4.3		
754					X	1		
756			X			1		
757	X					11	15	
758	X					9	16	
759	X					2 & 3	17	
760	X	X				System	18	

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: 11/03/2009

SCCR Number: 739

Parameter Change: (X) YES () NO

Description of Change (Science):

Requirement #s 9-2.4,9-3.2,9-4.2

New PGEs (CER9.2P2,CER9.3P2,CER9.4P2) to support Edition3 process.

Requirement #s 9-2.6,9-3.3,9-4.3

Update scripts to reflect the changes to the output product names.

Requirement #s 9-2.5,9-3.4

Define new types in the binary output record to write computed TOA fluxes and Angular Model scenes based on GMT hour.

Reason for Change (Science):

Requirement #s 9-2.4,9-3.2,9-4.2

New PGEs are required for Edition3 process.

Requirement #s 9-2.6,9-3.3,9-4.3

TISA science team has decided to change product name from SFC to SSF-GRID-HOURLY.

Requirement #s 9-2.5,9-3.4

This data is written on to binary product for TSI (7.1.1) process.

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:

Replace Total-sky reference with All-sky Add Precipitable Water MOA

Add Wind Speed MOA

Add Estimated Inversion Strength MOA

Add CWG Surface Skin Temperature MODIS

Add New Cloud Layer (Total Cloud Properties)

Add Liquid Particle (3.7), Liquid Particle Radius(2.1), Ice Particle Diameter (3.7), Ice Particle Diameter (2.1) in all 5 cloud layers

Remove Vertical Aspect Ratio from all 5 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.)

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 the Edition3 CER_SSF-GRID-HOURLY HDF product.

Affected PGEs in this Subsystem: CER9.2P2, CER9.3P2, CER9.4P2

Estimated Time to Complete Change: 2 months

Planned Delivery Date: November 20, 2009

List Affected Subsystems and PGE Names: SS9

Date: 11/25/2009 Status: Approved

Originator: RAJU, RAJA (SSAI)

=====
ADDITIONAL CHANGES TO SCCR NO. 739:
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Parameter Change: (X) YES () NO

Description of Change (Science):

Requirement #: 9-2.7

New parameters were added to SSF1deg -hour record structure

Reason for Change (Science):

Requirement #: 9-2.7

TISA science team requested new parameters.

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:

Add Snow/Ice Percentage

Add WN Surface Emissivity

Add MOA Surface Skin Temperature

Add Cos Zenith for GMT hours (needed only for 7.1 not public product)

Reason for Parameter Change:

All changes are included in the Edition3 CER_SSF-GRID-HOURLY HDF product.

Affected PGEs in this Subsystem: CER9.2P2, CER9.3P2, CER9.4P2

Estimated Time to Complete Change: Completed

Planned Delivery Date: March 5 2010

List Affected Subsystems and PGE Names: TISA gridding subsystem 9 , 10, 7.1

Date & Time: 2010-02-26 15:09:30

Originator: RAJU, RAJA (SSAI)

CERES Software Configuration Change Request Submittal

Subsystem: GGEO

SCCR Date & TIME: 2010-02-26 13:29:29

SCCR No.: 757

Parameter Change: () YES (X) NO

Description of Change (Science):

Req # : 11-29

Initial delivery of PGE CER11.6P1 to process on *magneto* P4.

Reason for Change (Science):

Req # : 11-29

This PGE process will replace bad scan data in GGEO product with default values and creates GGEO product.

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: None

Estimated Time to Complete Change: 2 weeks

Planned Delivery Date: March 12, 2010

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

Originator: RAJU, RAJA (SSAI)

CERES Software Configuration Change Request Submittal

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

Subsystem: TISAgid9.0 SCCR Date & TIME: 2010-02-26 14:27:30 SCCR No.: 758

Parameter Change: () YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
Requirement # 9-2.6
Updated type definitions in tisa_grid_type_def_ED3.f90 file.
Modified sfc_Ed3.f90, sfc_type_def_Ed3.f90, sfc_file_Ed3.f90 files to support Beta2-Edition3 SS9 process.

Reason for Change (non-Science):
Requirement # 9-2.6
New parameters were added to the record structure. Interface modules were updated to access new parameters.

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: CER9.2P2, CER9.3P2, CER9.4P2

Estimated Time to Complete Change: Completed
Planned Delivery Date: March 5, 2010
List Affected Subsystems and PGE Names: Subsystem 9, Subsystems 10, 7.1

Originator: RAJU, RAJA (SSAI)

CERES Software Configuration Change Request Submittal

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

Subsystem: ERBELike SCCR Date & TIME: 2010-02-28 10:09:13 SCCR No.: 759

Parameter Change: () YES (X) NO

Description of Change (Science):

Req 2-10

Update quadratic coefficients that account for FM3's SW Thermal leak, Edition3 only

Reason for Change (Science):

Recently delivered linear coefficient of FM3's quadratic was missing a zero. (0.026 will change to 0.0026)

Description of Change (non-Science):

NA

Reason for Change (non-Science):

NA

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: CER2.4P1, CER2.3P1, CER2.3P2, CER3.1P1, CER3.2P1

Estimated Time to Complete Change: Completed

Planned Delivery Date: 3/1/10

List Affected Subsystems and PGE Names: Inversion: CER4.5-6.1P2, CER4.5-6.1P3, CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.3P2, CER4.5-6.3P3, CER4.5-6.6P2, CER4.5-6.6P3

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: System SCCR Date & TIME: 2010-03-01 15:56:06 SCCR No.: 760

Parameter Change: () YES (X) NO

Description of Change (Science):

Requirement #Sys-1.0

Add daily and hourly cross track files for Terra and Aqua to CERESlib

Reason for Change (Science):

Requirement # Sys-1.0

The daily files will tell Edition 3 ERBE-like which instruments were in cross track mode for a given day. Likewise, the hourly files will allow Edition 3 TISA Gridding to know which instruments were in cross track for a given hour.

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:

N/A

Estimated Time to Complete Change: A week

Planned Delivery Date: 3/5/2010

List Affected Subsystems and PGE Names: CER2.2P1, CER2.3P1, CER2.3P2, CER3.3P1, CER3.2P1, CER9.0P2, & CERP.2P2

Originator: MAGILL, BRIAN E. (SSAI)

=====

ADDITIONAL CHANGES TO SCCR NO. 760:

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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):
DO NOT ACCEPT THIS SCCR

Reason for Change (non-Science):

After meeting with Lisa Coleman, Dale Walikainen, and Rajalekshmy Raju it was decided that since the daily and hourly cross track files are only used, respectively, by ERBE-like and TISA Gridding , they should not be placed in CERESlib. The daily cross track files will be placed in a local subdirectory of ERBE-like and be included as part of its delivery. Likewise, the hourly cross track files will be placed in a local subdirectory of TISA Gridding and included as part of its delivery.

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: N/A

Planned Delivery Date: N/A

List Affected Subsystems and PGE Names: CER2.2P1, CER2.3P1, CER2.3P2, CER3.3P1, CER3.2P1, CER9.0P2, & CERP.2P2

Date & Time: 2010-03-02 14:46:12

Originator: MAGILL, BRIAN E. (SSAI)

Table 6. March 3, 2010 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Zentz	<ul style="list-style-type: none"> • No new updates. (Zentz) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> • An update to CER1.0P2 to fix the name of the executable was delivered to CERES CM to allow completion of CM testing. (Cooper & Spivak) • An update is being made to the delivery of CER1.1P7 on <i>AMI</i> to correct the output data paths that are currently missing some of the lower level directories. (Cooper) • An update to the Edition3 gain updates thru March 1, 2009 has been delivered. The fix makes it possible to process March 1, 2009 for FM1 and FM2. (Cooper) • Work continues on updates to PGE CER1.1P8. (Grepitotis & Timcoe) • Working to deliver PGE CER1.4P1 the C++ conversion of CER1.3P1. New scripts that will be required for delivery to <i>AMI</i> will be added before this PGE is delivered. These scripts were discussed by the SEC and it was determined that it was best to delay this delivery to have the new scripts created before the PGE is delivered. (Magill) 	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Continuing to examine QC checker email generated during production. (Walikainen) • Continuing to inspect ERBE-like Aqua and Terra output plots. (Walikainen) • Created a year's worth of Edition3 monthly data products. Tak wants to examine our new crosstrack-only data. (Walikainen & Lande) • Created Beginning-of-Mission Aqua Edition3 unfiltering coefficients. The nadir radiances showed a 30 Wm⁻² LW day-night difference. Showed that the diurnal scene distribution produced this large difference. (Walikainen) 	

Table 6. March 3, 2010 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
2.0	Walikainen (Lande) (Continued)	<ul style="list-style-type: none"> Created LW unfiltering coefficients using several perfectly transmitting filters. These theoretical filters had different cutoff wavelengths to probe the code's ability to handle different proposed LW filters for FM6. The cutoff wavelengths varied from 3.5 to 5 microns. (Walikainen & Shanker) 	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> Worked on processing Cloud Fraction No Retrieval results for all Edition results for Terra and Aqua. Results are posted on the Web. (R. Brown) Updated the Cloud Optical Depth and Cloud Optical Depth Log plots to use color-bar range from 0 to 128. Results are posted on the Web. (R. Brown) Ran Edition 3 QC post processing of 200607 Aqua. (Smith) Continued studying code for Clouds CID input. (Smith) Learning how to use view-hdf tool (Smith) Worked on CERES Ordering Tool. (Heckert) Worked on building lapse rate database for Ed3. (Sun-Mack) Worked on re-building clouds PGEs after the <i>AMI</i> crash. (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"> Worked on a program to fill the point spread function for the footprint with MODIS albedo data. Replacing individual reads with a buffer read to speed up the program. (Antropov) (Edition3) Monitored Terra Edition2B-QC production. (Miller) Provided questions to the IT plenary session held on February 25. (Miller) 	

Table 6. March 3, 2010 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.4	Miller (Antropov) (Continued)	<u>FM5</u> <ul style="list-style-type: none"> • Provided highlights and questions on the draft NPOESS Community Collaborative Calibration/Validation Plan for NPOESS Preparatory Project Data Management Plan to the Langley Team. (Miller) 	
4.5	Sothcott	<ul style="list-style-type: none"> • Attended weekly SOFA working group meetings. (Sothcott) • Ran several days of Aqua Edition2 on <i>magneto</i> and verified that the results were as expected. Release Aqua Edition2 for processing. (Sothcott) • Updated Inversion code for FLASHflux and forwarded the changes to them. Supporting them in their efforts to port to <i>magneto</i>. (Sothcott) • Continuing to resolve some LW and SW TOA flux issues with the IES-SSF code. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> • Combined with above. 	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • Working on Edition3 CRS code. (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> • No new updates. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • No new updates. (Caldwell) 	
7.1	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> • No new updates. (Nguyen) 	
8.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> • Cleaning up other subsystem code that is no longer needed. (Lock) • Made changes so that the code compiles on x86, but other changes may still be necessary since the test will not run appropriately. It runs fine on <i>AMI</i>. (Lock) 	

Table 6. March 3, 2010 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
10.0	Nguyen (Raju, Lock)	<ul style="list-style-type: none"> • Retrieved lost SRBAVGLite data to provide the global averages of TOA fluxes to Paul Stackhouse's report. (Nguyen) • Provided readers in F90 for reading SRBAVGs and SRBAVGLite to Norman Loeb. (Nguyen) • Updated the IDL programs to create NetCDF data from 7 years HDF SRBAVGLite. (Nguyen) • Tested the Beta2-Edition3 SRBAVG nonGEO code with the new SFC data. (Nguyen) • Wrote a script and set up an automatic way to copy code and scripts to Drobo drive daily for backing up purposes. (Nguyen, Grepiotis, & Timcoe) • Created SRBAVG data from 2005 – 2007 for GGEO validation. (Nguyen) • Running SRBAVGLite nonGEO and GEO from March 2000 through December 2007 for Norman Loeb. (Nguyen) • Reviewed and reported on GGEO-3-Hourly Plots for bad data that will require cleanup from Nov. 2005 – Dec. 2008. (Lock) 	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> • No new updates. (Raju) 	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> • Provided Edition3 test data and the data access routines to TISA averaging team for their software testing. (Raju) • Updated Data quality summary pages for Edition2G SFC product and sent the document to user services. (Ron Parrish & Raju) • Work continued to integrate ISCCP-Mrg software with Moguo Sun's modules. (Raju) • Work continued on modifying the PGE CER9.2P2, CER9.3P2 and CER9.4P2 scripts and documentation based on requested modifications for Edition 3. (Ron Parrish) 	

Table 6. March 3, 2010 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> • Recreated 11/05 – 12/07 GGEO product on MAC cluster for SRBAVG processing. (Raju) • Received document from Betty Lock about the bad scans on GGEO product for some months. Created badrec ancillary files based on the information. Processed GGEO products through CER11.6P1 to replace bad scan data with default values and to generate GGEO products. Provided both versions to TISA Averaging process. (Raju) • Problem that occurred during SSIT testing of PGE CER11.4P1 on <i>magneto</i> head node was resolved by updating PCF scripts to use Perl script written by Scott Zentz. Updated scripts were sent to CERES CM as part of SCCR 653 delivery. (Raju) • Preparing for the PGE CER11.6P1 delivery on <i>magneto</i>. (Raju) 	
CERES -lib	Zentz	<ul style="list-style-type: none"> • No new updates. (Zentz) 	

Table 7. March 3, 2010 – DM Tasks

Activity	Status
Code Optimization (Coleman)	<ul style="list-style-type: none">• TISA Team porting updated version of SS8 to <i>AMI-x86</i> in preparation for porting it to ODU's X86.
Production Processing Database/ Automation (Coleman)	<ul style="list-style-type: none">• Prepared draft charter for review.
Ordering Tool (Kizer)	<ul style="list-style-type: none">• No report received.

Table 8. March 3, 2010 – NPP Issues

Activity	Status
<p>Telecons/ Meetings (Closs)</p>	<ul style="list-style-type: none"> • Participated in weekly NPP GSIT System Integration & Test meetings, two impromptu meetings, and the GSIT Test Procedures Summit February 19. Refined ERB CARS test procedures, developed a GSIT staffing plan, and produced a test initialization verification procedure for the GSIT test conductor. GSIT is currently scheduled to begin with a Test Readiness Review March 15. (Closs) • Attended the NPP Science Data Segment telecon February 24. The main topic has been preparations for the NPP Ground System Interface Test. Details above. (Closs)
<p>System Engineering (Closs)</p>	<ul style="list-style-type: none"> • Produced a new ERB CARS requirements verification matrix with verification methods for each SDS requirement. This matrix will map to the original ERB CARS requirements traceability matrix, and to the ERB CARS software build schedule and dates to support GSIT and launch readiness. (Closs)

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status ¹	Current Prod. Platform ^{2,3} (TK Version for compilation) ⁶	Status for Planned Update/New PGE ¹	Prod Platform for Planned Update ² (TK Version for compilation) ⁶	Comments
Instrument - 1	CER1.0P1			Developing	P6	Will comply with all the latest whenever delivered
	CER1.0P2	Active	P4 (15)	Developing	P6 (16)	C++ RDR Pre-Processor
	CER1.1P1	Active	W	SSI&T	X86	To be disabled when C++ working- CER1.1P8
	CER1.1P3	Active	W	SSI&T	X86	To be disabled when C++ working- CER1.1P8
	CER1.1P5	Active	W	SSI&T	X86	To be disabled when C++ working- CER1.1P8
	CER1.1P7	SSI&T	W	SSI&T	X86	Ada NPP
	CER1.1P8	SSI&T	P6 (16)			C++ NPP, Terra, Aqua
	CER1.2P1	Active	W	SSI&T	X86	C code, delta delivery for NPP completed.
	CER1.3P1	Active	W	SSI&T	X86	Replace with CER1.4P1 on P6
	CER1.3P2	Active	W	SSI&T	X86	Replace with CER1.4P2 on P6
	CER1.3P3	Active	W	SSI&T	X86	Replace with CER1.4P3 on P6
	CER1.4P1			Developing	P6 (16)	
	CER1.4P2			Developing	P6 (16)	
	CER1.4P3			Developing	P6 (16)	
ERBE-like - 2	CER2.1P1	Active	W	ValRx	P4 (16)	
	CER2.2P1	Active	W	Developing	P4 (15)	Compile HDF with TK 15, run with TK 16
	CER2.3P1	Active	W	Developing	P4 (15)	Compile HDF with TK 15, run with TK 16
	CER2.3P2	Active	W	Developing	P4 (15)	Compile HDF with TK 15, run with TK 16
	CER2.4P1	Active	W	ValRx	P4 (16)	
ERBE-like - 3	CER3.1P1	Active	W	SSI&T	P4 (16)	
	CER3.2P1	Active	W	SSI&T	P4 (16)	
Clouds 4.1-4	CER4.1-4.0P1	Active	W ³			
	CER4.1-4.0P2	Active	P4 (15)			
	CER4.1-4.1P4	Active	W	ValRx	P4 (15)	warlock version recompiled for 2008 Edition2
	CER4.1-4.1P5	Active	W, P4(15)			warlock version recompiled for 2008 Edition2
	CER4.1-4.1P6	Active	P4 (15)	Developing	P6 (16)	Beta2-Ed3 (P4), Ed3 (P6)
	CER4.1-4.2P2	Active	W, P4(15)			

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status ¹	Current Prod. Platform ^{2,3} (TK Version for compilation) ⁶	Status for Planned Update/New PGE ¹	Prod Platform for Planned Update ² (TK Version for compilation) ⁶	Comments
	CER4.1-4.2P3	Active	W, P4(15)			
	CER4.1-4.2P4	Active	P4 (15)	Developing	P6 (16)	Beta2-Ed3 on P4, Ed3 to be on P6
	CER4.1-4.2P5	Active	P4 (15)	Developing	P6 (16)	Beta2-Ed3 on P4, Ed3 to be on P6
	CER4.1-4.3P2	Active	W		P4 (15)	
	CER4.1-4.3P3	Active	P4 (15)	Developing	P6 (16)	Beta2-Ed3 on P4, Ed3 to be on P6
Inversion/SOFA	CER4.5-6.1P2	Active	W	Developing	P4 (16)	For 2010 processing,redeliver Edition2 to <i>magneto</i> . Recompiled on <i>warlock</i> for 2008/2009 processing
4.5-6	CER4.5-6.1P3	Active	W, P4(15)			Edition2 to <i>magneto</i> . Recompiled on <i>warlock</i>
	CER4.5-6.1P4	Active	P4 (16)	Developing	P6 (16)	Terra Main Ed3 version of 1P2
	CER4.5-6.1P5	Active	P4 (16)	Developing	P6 (16)	Aqua Main Ed3 version of 1P3
	CER4.5-6.2P2	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.2P3	Active	P4 (16)	Developing	P6 (16)	Subset postprocessor for Terra and Aqua (Ed3 version of 2P2)
	CER4.5-6.3P2	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.3P3	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.4P1	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.4P2	Active	P4 (16)	Developing	P6 (16)	Monthly validation site (Ed3 for 4P1)
	CER4.5-6.5P2			Developing	P4 (16)	IES-SSF Terra New PGE
	CER4.5-6.5P3			Developing	P4 (16)	IES-SSF Aqua New PGE
	CER4.5-6.6P2	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
	CER4.5-6.6P3	Active	W	ValRx	P4 (15)	Edition2 to <i>magneto</i> , need recompile if <i>warlock</i>
SARB - 5	CER5.0P1	Active	W, P4 (15)			
	CER5.0P2	Active	P4 (15)		P6 (16)	
	CER5.1P1	Active	W, P4 (15)			
	CER5.1P2	ValRx	P4 (16)			
	CER5.1P3			Developing	P6 (16)	New PGE - Edition3 Main for Terra and Aqua
	CER5.4P1	Active	W, P4 (15)			
	CER5.4P2	ValRx	P4 (16)			

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status ¹	Current Prod. Platform ^{2,3} (TK Version for compilation) ⁶	Status for Planned Update/New PGE ¹	Prod Platform for Planned Update ² (TK Version for compilation) ⁶	Comments	
TISA Grid - 6	CER6.1P1	Active	W, P4 (15)				
	CER6.1P2			Developing	P6 (16)	New PGE for Edition3	
	CER6.2P1	Active	W, P4 (15)				
	CER6.2P2			Developing	P6 (16)	New PGE for Edition3	
	CER6.3P1	Active	W, P4 (15)				
	CER6.3P2			Developing	P6 (16)	New PGE for Edition3	
TISA Avg - 7.1	CER7.1.1P1	Active	W, P4 (15)				
SARB - 7.2	CER7.2.1P1	Active	W, P4 (16)				
TISA Avg - 8	CER8.1P1	Active	W, P4 (15)				
TISA Grid - 9	CER9.0P1	Active	W, P4 (15)				
	CER9.1P1	Active	W, P4 (15)				
	CER9.1P2				P6 (16)	Developing	New PGE for Edition3
	CER9.2P1	Active	W, P4 (15)				
	CER9.2P2				P6 (16)	Developing	New PGE for Edition3
	CER9.3P1	Active	W, P4 (15)				
	CER9.3P2				P6 (16)	Developing	New PGE for Edition3
	CER9.4P1	Active	W, P4 (15)				
	CER9.4P2				P6 (16)	Developing	New PGE for Edition3
TISA Avg - 10	CER10.0P1	SSI&T	P4 (16)			new PGE	
	CER10.0P2	SSI&T	P4 (16)			new PGE	
GGEO - 11	CER11.1P10			Developing	P4 (16)		
	CER11.2P2			Developing	P4 (16)		
	CER11.4P1			Developing	P4 (16)		
	CER11.6P1	Active	W				
	CER11.7P1	Active	P4 (15)				
Regrid MOA -12	CER12.1P1	Active	W, P4 (16)	SSI&T	P6 (16), X86 (16)	Delivery to P6 also included X86 capability	
	CER12.1P2	Active	P4 (16)	SSI&T	P6 (16), X86 (16)	Ed3 MOA - Delivery to P6 also included X86 capability	

Table 1 Key:		
¹ Status	Active	Currently able to run in production
	Developing	New PGE in development, still to be delivered for the first time. Values in columns to right of the "Current PGE Production Status" column, such as the "Prod. Platform" column, are assumptions only and are highly subject to change.
	Disabled	PGE not currently in production but could be reinstated if requested
	Deleted	PGE no longer in production with little or no possibility of being reinstated
	SSI&T	PGE delivered and in SSI&T testing prior to operational processing
	ValRx	PGE promoted to production on platform, but still undergoing ValRx testing and approving phase
² Prod. Platform	W	<i>warlock</i>
	P4	<i>magneto</i> - IBM P4
	P6	<i>magneto</i> - IBM P6
	X86	<i>magneto</i> - IBM X86
³ Prod. Platform	W	If no other platform is indicated, then the associated PGE will be deleted once <i>warlock</i> is removed. Replacement PGEs on other platforms will have a new PGE identifying number and a separate entry in spreadsheet.
⁶ Prod. Platform (TK ver)	15, 16	Indicates with which version of toolkit the PGE executable was compiled. 15=Version 5.2.15, 16=5.2.16 (Note: IBM PGEs only)
⁵ Toolkit ver16 Tested		Criteria for defining Toolkit Version 16 Tested column value equal to "P4", "P6", "X86": If PGE is in production on P4 and compiled already with TK 15, does the existing executable work with TK 16 as long as LD_LIBRARY_PATH points to TK 15? If PGE not already compiled for production, does it compile and work with TK 16? For the P6/X86, does the version of s/w being tested on the P6/X86 work with TK 16?

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 ¹ ? (Y/N)
BDS	Instrument	Archival	N
ES-8	ERBE-like	Active	N
ES-9	ERBE-like	Archival	N
ES-4	ERBE-like	Archival	N
SSF	Inversion	Archival	Y
CRS	SARB	Archival	N
FSW	TISA-Gridding	Archival	N
SYN	TISA-Averaging	Archival	Y
AVG	TISA-Averaging	Archival	Y
ZAVG	TISA-Averaging	Archival	Y
SFC	TISA-Gridding	Archival	N
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

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 ¹ ? (Y/N)
¹ Sample Read Package README files: References to URL http://asd-www.larc.nasa.gov/ceres/ASDceres.html need to be updated to http://science.larc.nasa.gov/ceres			

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
1/12/2010	All	Moved PGEs with status of "Deleted" or "Disabled" to new sheet as Table 3
	CER2.1P1, CER2.4P1	Changed Planned Update status from SSI&T to ValRx
	CER2.2P1	Corrected Planned Update status from SSI&T to Developing
	CER2.3P1,2	Changed TK Version for Planned Update from 15 to 16
	CER 4.1-4.0P2, CER4.1-4.1P4,5, CER4.5-6.1P4,5, CER4.5-6.2P3, CER4.5-6.4P2	Changed Current Production Status from SSI&T to Active
	CER6.xP2	New PGEs added to Table 1
	CER12.1Px	Changed Planned Update Status to SSI&T, Changed Current Production Status TK version from 15 to 16
2/16/2010	CER1.4Px, CER5.1P3	Added
	All	Moved new PGEs in development from Current to Planned columns
	CER5.1P2, CER5.4P2, CER5.0P2	Changed Current Production Status from SSI&T to Active
	All	Added TK version for P6
3/1/2010	CER4.1-4.1P4, CER4.1-4.2P2, CER4.1-4.2P3, CER4.1-4.3P2, CER4.5-6.1P2	Changed current platforms from "W" to "W, P4", and removed "P4" and "ValRx" from planned update columns
	CER7.2.1P1	Changed current status from "ValRx" to "Active"

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 ¹	Comments
Instrument - 1	CER1.1P2	Disabled	Remain disabled
	CER1.1P4	Disabled	Remain disabled
	CER1.1P6	Disabled	Remain disabled
ERBE-like - 2			
ERBE-like - 3	CER3.2P2	Disabled	
Clouds 4.1-4	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
SARB - 5	CER5.2P1	Deleted	
	CER5.3P1	Disabled	
TISA Grid - 6			
TISA Avg - 7.1			
SARB - 7.2			
TISA Avg - 8	CER8.2P1	Deleted	Merged with CER8.1P1
TISA Grid - 9			
TISA Avg - 10	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

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 ¹	Comments
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			