

## March 5, 2008 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 3/04/08  
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	
PR 11-08	FM3, FM4	Beta1-Ed3	Clouds (SS4.1-4)	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	10/03, 1/04, 4/04, 7/04, and 7/06	<b>Waiting on promotion.</b>
PR 12-08	FM1, FM2	Beta1-Ed3	Clouds (SS4.1-4)	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	10/03, 1/04, 4/04, 7/04, and 7/06	<b>Waiting on promotion.</b>
PR 138-07	FM3	Test-G5-CERES1	Clouds (SS4.1-4)	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	1/06	<b>When the DAO-TestSCF-G5-CERES MOA files are delivered to ASDC, drop everything and run PRs 130-07 to 138-07.</b>
PR 137-07	FM3	Test-G5-CERES1	Inversion (SS4.5-6)	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	1/06	<b>Waiting on MOA.</b>
PR 136-07	FM3	Test-G5-CERES1	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	1/06	<b>Waiting on MOA.</b>
PR 135-07	FM2	Test-G5-CERES1	Clouds (SS4.1-4)	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	1/06	<b>Waiting on MOA.</b>
PR 134-07	FM2	Test-G5-CERES1	Inversion (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/06	<b>Waiting on MOA.</b>
PR 133-07	FM2	Test-G5-CERES1	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	1/06	<b>Waiting on MOA.</b>
PR 132-07	FM1	Test-G5-CERES1	Clouds (SS4.1-4)	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	7/04	<b>Waiting on MOA.</b>
PR 131-07	FM1	Test-G5-CERES1	Inversion (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	7/04	<b>Waiting on MOA.</b>

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PR 130-07	FM1	Test-G5-CERES1	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	7/04	<b>Waiting on MOA.</b>
PR 10-08	FM1 or FM2	Beta4c	TISA avg (SS 7.1)	7.1.1P1	1/01 - 10/01 seasonal months	<b>Waiting on promotion.</b>
PR 9-08	FM3 or FM4	Beta4c	TISA avg (SS 7.1)	7.1.1P1	1/03 - 10/03 seasonal months	<b>Waiting on promotion.</b>
PR 10B-08	FM1 or FM2	Beta4c	Syn SARB (SS 7.2)	7.2.1P1	1/01	<b>Waiting on promotion.</b>
PR 9B-08	FM3 or FM4	Beta4c	Syn SARB (SS 7.2)	7.2.1P1	1/03	<b>Waiting on promotion.</b>
PR 8-08	FM1 or FM2	Beta4w	TISA avg (SS 7.1)	7.1.1P1	1/01 - 10/01 seasonal months	<b>Waiting on promotion.</b>
PR 7-08	FM3 or FM4	Beta4w	TISA avg (SS 7.1)	7.1.1P1	1/03 - 10/03 seasonal months	<b>Waiting on promotion.</b>
PR 8B-08	FM1 or FM2	Beta4w	Syn SARB (SS 7.2)	7.2.1P1	1/01	<b>Waiting on promotion.</b>
PR 7B-08	FM3 or FM4	Beta4w	Syn SARB (SS 7.2)	7.2.1P1	1/03	<b>Waiting on promotion.</b>
PR 6-08	FM3 V005 MOD08	ValR11	Inst SARB (SS 5)	5.0P1 5.1P2 5.4P2	5/06	<b>In progress.</b>
PR 3-08	FM1 V005 MOD08	ValR11	Inst SARB (SS 5)	5.0P1 5.1P1 5.4P1	5/06	<b>In progress.</b>
PR 111-07	FM1, FM2	ValR9	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03	<b>Waiting on Delivery.</b>
PR 113-07	FM3, FM4	ValR9	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03, 10/04	<b>Waiting on Delivery.</b>
PR 112-07	FM3, FM4	ValR10	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03	<b>Waiting on Delivery.</b>
PR 129-07	FM1 or FM2	Beta4	TISA avg (SS 7.1)	7.1.1P1	4/00 – 10/05 seasonal months only	<b>Delivered, waiting on promotion.</b>
PR 128-07	FM1 or FM2	Beta4	Synoptic SARB (SS 7.2)	7.2.1P1	4/00 – 10/05 seasonal months only	<b>Delivered, waiting on promotion.</b>
PR 127-07	FM3 or FM4	Beta4	TISA avg (SS 7.1)	7.1.1P1	7/02 – 10/05 seasonal months only	<b>Delivered, waiting on promotion.</b>

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PR 126-07	FM3 or FM4	Beta4	Synoptic SARB (SS 7.2)	7.2.1P1	7/02 – 10/05 seasonal months only	<b>Delivered, waiting on promotion.</b>
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 77-07 to 79-07	FM1	Edition2B	SARB (SS5)	5.0P1 5.1P1 5.4P1	3/06 - 6/06	Done 1/31/08.
PR 73-07	FM1	Edition2C	TISAgrid (SS6)	6.1P1 6.2P1 6.3P1	3/06 - 6/06	<b>Waiting on SARB (SS5).</b>
PR 80-07	FM3	Edition2B	TISAgrid (SS6)	6.1P1 6.2P1 6.3P1	12/31/05 - 4/06	
PR 92-07	FM1, FM2, V005	Edition2A-QC	Clouds (SS4.1-4)	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.2-4.3P2	4/30/06 - 1/1/07	

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PR 91-07	FM1, FM2	Edition2F	Inversion (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	4/30/06 - 1/1/07	
PR 90-07	FM1, FM2	Edition2F	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	5/06 - 12/06	
PR 5-08	FM3	Edition2C	Inst SARB (SS 5)	5.0P1 5.1P2 5.4P2	5/1/06 – 12/31/06	Waiting on ValR11 to be approved.
PR 4-08	FM3	Edition2C	TISA gridding (SS 6)	6.1P1 6.2P1 6.3P1	5/1/06 – 12/31/06	Waiting on SARB (SS5).
PR 2-08	FM1	Edition2F	Inst SARB (SS 5)	5.0P1 5.1P1 5.4P1	5/1/06 – 12/31/06	Waiting on ValR11 to be approved.
PR 1-08	FM1	Edition2F	TISA gridding (SS 6)	6.1P1 6.2P1 6.3P1	5/1/06 – 12/31/06	Waiting on SARB (SS5).
PR 12-07	FM3	Edition2B	Inversion (SS4.5-6)	4.5-6.6P3 4.5-6.2P2 4.5-6.4P1	7/2/02 hr 15 to 12/31/05 hr 11	Done 2/7/08.
PR 9-07	FM3	Edition2B	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	7/2/02 hr 15 to 1/1/06 hr 11	Done 2/12/08.
PR 11-07	FM4	Edition2B	Inversion (SS4.5-6)	4.5-6.6P3 4.5-6.2P2 4.5-6.4P1	7/2/02 to 3/30/05 hr 17	Done 1/15/08.
PR 8-07	FM4	Edition2B	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	7/2/02 to 3/30/05 hr 17	Done 1/8/08.
PR 84A-07 to 84C-07	FM3 or FM4	Edition2B	SARB (SS5)	5.0P1 5.1P2 5.4P2	7/02 - 12/05	Done 2/12/08.
PR 84D-07	FM3 or FM4	Edition2B	TISAgrid (SS6)	6.1P1 6.2P1 6.3P1	7/02 - 12/05	Done 2/15/08.
PR 10-07	FM4	Ed2B-NoSW	Inversion (SS4.5-6)	4.5-6.6P3 4.5-6.2P2 4.5-6.4P1	3/30/05 hr 18 to 12/31/05 hour 11	Done 2/7/08.
PR 7-07	FM4	Ed2B-NoSW	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	3/31/05 hr 12 to 1/1/06 hr 11	Done 2/12/08.

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PR 108-07	FM1, FM2	Edition2E	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	3/00 - 10/05	<b>Waiting on delivery.</b>
PR 110-07	FM3	Edition2B	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02 - 10/05	<b>Waiting on delivery.</b>
PR 109-07	FM4	Edition2B	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02 - 3/05	<b>Waiting on delivery.</b>
M PR 2-06		GEOS4	MOA (SS12)	12.1P1	Standing request	Done 3/5/08 Complete through 12/07.
M PR 1-06		GEOS4	PMOA (SS9.1)	9.1P1	Standing request	Done 3/5/08 Complete through 12/07.

**Table 2. March 5, 2008 - System Issues and Status**

Activity	Lead	Status
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>• Released the Clouds delivery (SCCR 658) to the ASDC on February 22. (Ayers)</li> <li>• Updated the Clouds Test Plan and Operator’s Manual (SCCR 658) and the Instantaneous SARB Operator’s Manual (SCCR 668) and delivered them to the ASDC. (Saunders)</li> <li>• Provided updates to the ASDC for TISA Averaging (SCCR 660) in response to problems found during operational testing. (Ayers)</li> <li>• Delivered the SSF, CRS, and SRBAVG Sample Read Packages to the ASDC. (Ayers)</li> <li>• Continued the effort to convert the DPC from FrameMaker to Word. (Saunders)</li> <li>• Updated the CERES Subsystem and Coefficients Delivery Schedules and posted them on the Web. (Ayers, Saunders)</li> </ul>

**Table 3. CERES Subsystem Delivery Schedule - March 2008  
Next Science Team Meeting - May 6 - 8, 2008 in Newport News**

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 666)	February 15	February 29	March 7	Terra/Aqua Beta1 Edition3 SSF processing. New PGEs: CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3, & CER4.5-6.4P2.		X	<i>warlock</i>
TISA Averaging (SCCR 667)	January 18	March 7	March 14	To support Terra Beta4 and Aqua Beta1 AVG, ZAVG, and SYN processing.			<i>warlock &amp; magneto</i>
Instrument (SCCR 610)	March 7	March 21	March 28	To allow processing of both Edition2 and Edition3 data through PGE CER1.3P3	X		<i>warlock</i>
TISA Gridding	March 14	March 28	April 4	Support Beta1 processing of new ISCCP-like, crosstrack-only data product based on SSF. Product name: CER_ISCCP-D2like_Terra/Aqua_FM1/2/3/4_MODIS_CC.YYYYMM. New PGE CER9.0P1.		X	<i>warlock &amp; magneto</i>
GGEO (SCCR 653)	April 18	May 2	May 9	Final coefficient delivery for 11/05 - 12/05. Initial coefficient delivery for 1/06 - 12/06. Code delivery to support Beta10 GGEO processing.			<i>warlock &amp; magneto</i>

**Table 3. CERES Subsystem Delivery Schedule - March 2008  
Next Science Team Meeting - May 6 - 8, 2008 in Newport News**

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 Averaging (SCCR 650)	April 18	May 2	May 9	Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing. New PGEs: CER10.0P1, CER10.0P2, & CER10.0P3.		X	<i>warlock &amp; magneto</i>
GGEO	May 2	May 16	May 23	Support Beta1 processing of new ISCCP-like, crosstrack-only, GEO data product based on GGEO. Product name: CER_ISCCP-D2like_GEO_CC.YYYYMM. New PGE CER11.7P1.		X	<i>warlock &amp; magneto</i>
Regrid MOA	May			To process the G5 CERES data that will be coming to support Edition3.			<i>warlock &amp; magneto</i>
Clouds	Fall			Support TRMM VIRS-only processing of August 2001 forward.			<i>warlock &amp; magneto</i>
Inversion	Two to four weeks after Clouds			Support TRMM VIRS-only processing.			<i>warlock &amp; magneto</i>
Inversion	Fall			Support Beta2-Edition3 processing.			<i>warlock &amp; magneto</i>

**Table 3. CERES Subsystem Delivery Schedule - March 2008  
Next Science Team Meeting - May 6 - 8, 2008 in Newport News**

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	Two weeks after Inversion			PMOA delivery dealing with overlap file checking and reading G5-CERES MOA input. Also, support Beta2-Edition3 SFC processing.			<i>warlock &amp; magneto</i>
SARB		???		MATCH (Collection 5) data files for November - December 2007.			<i>warlock &amp; magneto</i>
Instrument (SCCR 641)		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	<i>warlock &amp; magneto</i>

**Table 4. CERES Coefficients Delivery Schedule - March 2008**

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
Instrument/ERBE-like	N/A	April		Terra Edition3 gains and spectral response function files for February 2000 - June 2005.	<i>warlock/magneto</i>
Instrument/ERBE-like	N/A	April		Aqua Edition3 gains and spectral response function files for June 2002 - March 2005.	<i>warlock/magneto</i>
Instrument/ERBE-like	N/A	May		Terra and Aqua Edition2 gains and spectral response function files January - August 2007.	<i>warlock/magneto</i>
Instrument/ERBE-like	N/A	July		Terra Edition3 gains and spectral response function files for July 2005 - December 2005.	<i>warlock/magneto</i>
Instrument/ERBE-like	N/A	September		Aqua Edition3 gains and spectral response function files for April 2005 - December 2005.	<i>warlock/magneto</i>
GGEO	August			Final coefficients for 1/06 - 12/06.	<i>warlock</i>
Instrument/ERBE-like	???			TRMM Edition3 gains and spectral response function files for December 1997 - April 2000.	<i>warlock/magneto</i>

**Table 5. SCCR Activity February 19 at 3:00 p.m. – March 3 at 2:00 p.m.**

SCCR	S	U	A	C	D	SS	Page No.	Comments
666		X	X			4.5 & 4.6	11	
669			X			4.5 & 4.6		
670	X		X			5	14	
671	X	X	X			10	15	

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

**CERES Software Configuration Change Request Submittal**

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Subsystem: Inversion4.6

SCCR Date: 01/08/2008

SCCR Number: 666

Parameter Change: (X) YES ( ) NO

Description of Change (Science):

Create new PGE's for Aqua and Terra Edition3 processing.

New Algorithms added:

Estimated Inversion Strength (SSF-60b) (Req. 4.5-12) Constrained Near-Surface Air Temperature (Req. 4.5-13) LW Model C (SSF-49a through SSF-49c) (Req. 4.5-14)

Updated algorithms:

LW Model A (SSF-42 and SSF-45) (Req. 4.5-15) LW Model B (SSF-47, SSF-47a and SSF-49) (Req. 4.5-15) SW Model B (SSF-46, SSF-46a and SSF-48) (Req. 4.5-16)

New ADM's added (Req. 4.5-17):

Terra ANN SW ADM's

Fresh Snow

Permanent Snow

Sea Ice

Additional Ancillary files (Support SW Model B):

Monthly Average of Solar Zenith Angle

Clear sky Surface Albedo

Reason for Change (Science):

Implement upgraded LW Model A, LW Model B and SW Model B algorithms. Also, implement new algorithms LW Model C and Estimated Inversion Strength.

Description of Change (non-Science):

Update all interfaces to utilize the new Edition3 SSF.

Reason for Change (non-Science):  
Implement Edition3 SSF.

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

- CERES downward LW surface flux - Model A (SSF-42)
- CERES downward WN surface flux - Model A (SSF-43)
- CERES net LW surface flux - Model A (SSF-45)
- CERES downward SW surface flux - Model B (SSF-46)
- CERES downward SW surface flux - Model B clearsky (SSF-46a)
- CERES downward LW surface flux - Model B (SSF-47)
- CERES downward LW surface flux - Model B clearsky (SSF-47a)
- CERES net SW surface flux - Model B (SSF-48)
- CERES net LW surface flux - Model B (SSF-49)
- CERES downward LW surface flux - Model C (SSF-49a)
- CERES downward LW surface flux - Model C clearsky (SSF-49b)
- CERES net LW surface flux - Model C (SSF-49c)
- Estimated Inversion Strength (SSF-60a)

Reason for Parameter Change:  
Implement upgraded LW Model A, LW Model B and SW Model B algorithms. Also, implement new algorithms LW Model C and Estimated Inversion Strength.

Affected PGEs in this Subsystem:  
CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3, CER4.5-6.4P2

Estimated Time to Complete Change : 5 Weeks  
Planned Delivery Date: February 15, 2008  
List Affected Subsystems and PGE Names: CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3, CER4.5-6.4P2

Date: 02/22/2008      Status: SUBMITTED

Originator: SOTHCOTT, VICTOR E. (SSAI)

=====  
ADDITIONAL CHANGES TO SCCR NO. 666:  
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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):  
Implement the new Delivery Directory Structure

Reason for Change (non-Science):  
Assist with automation at the ASDC.

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, CER4.5-6.1P5, CER4.5-6.2P3, CER4.5-6.4P2

Estimated Time to Complete Change : 1 week

Planned Delivery Date: 2/29/08

List Affected Subsystems and PGE Names: None

Date & Time: 2008-02-26 13:47:26

Originator: SOTHCOTT, VICTOR E. (SSAI)

## CERES Software Configuration Change Request Submittal

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Subsystem: InstSARB

SCCR Date & TIME: 2008-02-21 10:48:45

SCCR No.: 670

Parameter Change: ( ) YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

The 5 record CRS sample read package will be resubmitted for Terra Edition2F and Aqua Edition2C CRS. This version contains no changes in CRS SDS names.

SCCR 668 describes the changes in the CRS product.

Reason for Change (non-Science):

Release of Terra Edition2F and Aqua Edition2C required a review of the read package and update of the readme.

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: February 22, 2008

List Affected Subsystems and PGE Names: N/A

Originator: CALDWELL, THOMAS E. (SSAI)

**CERES Software Configuration Change Request Submittal**

=====

Subsystem: TISAavg10.0

SCCR Date: 02/24/2008

SCCR Number: 671

Parameter Change: ( ) YES (X) NO

Description of Change (Science):  
N/A

Reason for Change (Science):  
N/A

Description of Change (non-Science):  
The 5 record SRBAVG sample read package will be delivered for Aqua Edition2A SRBAVG. This version contains no changes in SRBAVG SDS names or formats.

Reason for Change (non-Science):  
The update of the readme is required for the release of+Aqua Edition2A SRBAVG

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 days  
Planned Delivery Date: February 27, 2008  
List Affected Subsystems and PGE Names: None

Date: 02/24/2008      Status: SUBMITTED

Originator: NGUYEN, CATHY (SSAI)

=====

ADDITIONAL CHANGES TO SCCR NO. 671:

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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):

SCCR 637 describes the changes in the SRBAVG product.

Reason for Change (non-Science):

Add reference SCCR for the sample read package

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 days

Planned Delivery Date: February 27, 2008

List Affected Subsystems and PGE Names: None

Date & Time: 2008-02-25 07:43:54

Originator: NGUYEN, CATHY (SSAI)

**Table 6. March 5, 2008 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
1.0	Cooper (Walikainen)	<ul style="list-style-type: none"> <li>• Continued to track receipt of Terra and Aqua Level-0, Ephemeris and Attitude data. (Cooper, Snyder)</li> <li>• Continued working to put the Instrument Subsystem into the new directory structure before the next delivery. Meetings for NPP have delayed the delivery. (Cooper)</li> <li>• Attended NPP CERES Kick-off meeting with the GSFC personnel. Many questions about data format, etc. will be answered with further contact with the GSFC responsible parties. (Cooper)</li> </ul>	
2.0	Walikainen (Cooper)	<ul style="list-style-type: none"> <li>• Continuing to examine QC checker email generated during production. (Walikainen)</li> <li>• Continuing to inspect ERBE-like Aqua and Terra output plots. (Walikainen)</li> <li>• Created unfiltering coefficients for an alternate approach to determine Edition3 gains and spectral responses. This approach features modest, smooth gain changes for FM1 and FM2, and smooth spectral response changes for RAPS and crosstrack operations. This is our second attempt (labeled version A1). (Walikainen)</li> </ul>	
3.0	Walikainen (Cooper)	Combined with above.	

**Table 6. March 5, 2008 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> <li>• Processed CloudVis images for Aqua Edition1b for non polar regions for 2006. Completed processing CloudVis images for Terra Edition2-QC for the alert and Eureka, Canada regions and the Tiksi, Russia region. (R. Brown).</li> <li>• The RAZ QC code was modified to correct an error in the Cloud Fraction total calculations. The QC statistical results for RAZ were reprocessed for Aqua Edition1A and Terra Edition2-QC to update the results on the web. (R. Brown).</li> <li>• QC global images and statistics were processed for CERES Clouds FLASHflux results for November and December 2007. Results were posted on the Web. (R. Brown)</li> <li>• Working on A-Train project. (Sun-Mack)</li> </ul>	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	
4.4	Miller (Sun-Mack)	<ul style="list-style-type: none"> <li>• Created test Edition3 SSFI hour for all instruments for Inversion delivery testing. (Miller)</li> <li>• Researched ASDC SIT CERES Software Problem Report. The output files generated from CM testing were not removed and caused the software to fail when it went to write to an existing file. (Miller)</li> <li>• Continued NEWS updates to Edition3 Convolution code. (Miller)</li> <li>• Presented Edition3 multilayer cloud interpretation briefing to the SOFA group. (Miller)</li> <li>• Monitored Terra Edition2A-QC production. Two, three, nine, and fifteen hours were not produced for July, August, September, and October 2006 respectively. Only two hours did not involve unavailable IES. One hour did not have Collection 005 MODIS radiance files and the second was a small IES and problem in convolution code. (Miller)</li> </ul>	

**Table 6. March 5, 2008 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
4.5	Sothcott	<ul style="list-style-type: none"> <li>• Attended weekly SOFA working group meetings. (Sothcott)</li> <li>• Completed test runs for January 2004 of Aqua and Terra Edition3 Beta1 software. The results are currently under Science review. (Sothcott)</li> <li>• Continuing conversion of SSF to HDF conversion software, currently testing. (Sothcott)</li> <li>• Completed updated test plan. (Sothcott)</li> </ul>	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Worked on Edition3 CRS code. (Caldwell)</li> </ul>	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Assisted ASDC in testing of SCCR 663. (Caldwell)</li> </ul>	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> <li>• Ran first two sample months of G5 data and posted MOA files on <i>warlock</i> and SCF. (Caldwell)</li> </ul>	
7.1	Nguyen (Raju)	<ul style="list-style-type: none"> <li>• Checked the cosine solar zenith angles for consecutive regions on SGI and on Mac. Summed hourly CSZA and then averaged to compare the averages on both machines. This test showed that on SGI, the averaged regional CSZAs are the same but not on the Mac. There is a slight difference in the averaged regional CSZA on the Mac due to round off errors. (Nguyen)</li> </ul>	

**Table 6. March 5, 2008 - Subsystem Issues and Status**

SS No.	SS Lead	Status	Problems
8.0	Nguyen (Raju)	<ul style="list-style-type: none"> <li>• Validated regional mean of TOA clear-sky SW fluxes. Updated code to make the input SW fluxes to be defaults if there is only 1 observation in a day and less than 20 observations in a month. (Nguyen)</li> <li>• Changed the average of the UV Index parameters to get the maximum UV Index for every 3 hours then average the maximum values for the regional average. After validation, TISA scientists decided the old way of average was better. Put the old way of average back in the code. (Nguyen)</li> <li>• Completed the zonal average validation for the TOA SW fluxes. (Nguyen)</li> <li>• Testing for delivery on <i>warlock</i> and <i>magneto</i>. (Nguyen)</li> <li>• Updating the Test plan for delivery. (Nguyen)</li> </ul>	
10.0	Nguyen (Raju)	<ul style="list-style-type: none"> <li>• Updated and compiled the 5-record HDF code from Ed Kizer to create 5-record HDF SRBAVGs. (Nguyen)</li> <li>• Updated the read software package and delivered the package to CM. (Nguyen)</li> <li>• Updated the description/abstract for Edition2D Terra and Edition2A Aqua SRBAVGs. (Nguyen)</li> </ul>	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Updated Description/Abstract document and sent it to user services. (Raju)</li> </ul>	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> <li>• Received final version of SDS names and the HDF structure for ISCCP-D2like product from TISA science members. Modified HDF routines. Working on DPC document. (Raju)</li> <li>• Started processing PMOA jobs at SCF using G5 MOA inputs. (Raju)</li> <li>• Updated Description/Abstract document and sent it to user services. (Raju)</li> <li>• Attended npp meetings. (Raju)</li> </ul>	

**Table 6. March 5, 2008 - Subsystem Issues and Status**

<b>SS No.</b>	<b>SS Lead</b>	<b>Status</b>	<b>Problems</b>
11.0	Raju (Nguyen)	<ul style="list-style-type: none"><li>• Compiled CER11.1P10, CER11.2P2, CER11.4P1 software on mag501 successfully. (Raju)</li><li>• Checking the CER11.1P10 process with the recently delivered cloud subsystem PCF scripts and ancillary files. (Raju)</li><li>• Work started to run GGEO jobs at SCF using G5 MOA files. (Raju)</li><li>• Work continued to convert CER11.1P10 PCF shell scripts to perl. (Raju)</li></ul>	

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status <sup>1</sup>	Scripts NOMAD compliant ? (Y/N)	Scripts EXIT CODE compliant ? (Y/N)	Prod. Platform (W, M, M*) <sup>2</sup>	Test Plan in Word? (Y, N, or Review)	Op Man In Excel? (Y, N, or Review)	Comments	
Instrument - 1	CER1.0P1	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	Review	With upcoming delivery	
	CER1.1P1	Active	Y	Y	W	Y	Review	With upcoming delivery	
	CER1.1P2	Disabled	N/A	N/A	N/A	Y	Review	? -Activated w/ nxt delivery	
	CER1.1P3	Active	Y	Y	W	Y	Review	With upcoming delivery	
	CER1.1P4	Disabled	N/A	N/A	N/A	Y	Review	? -Activated w/ nxt delivery	
	CER1.1P5	Active	Y	Y	W	Y	Review	With upcoming delivery	
	CER1.1P6	Disabled	N/A	N/A	N/A	Y	Review	? -Activated w/ nxt delivery	
	CER1.2P1	Active	Y	Y	W	Y	Review	With upcoming delivery	
	CER1.3P1	Active	Y	Y	W	Y	Review	With upcoming delivery	
	CER1.3P2	Active	Y	Y	W	Y	Review	With upcoming delivery	
	CER1.3P3	Active	Y	Y	W	Y	Review	With upcoming delivery	
	ERBE-like - 2	CER2.1P1	Active	<b>N</b>	<b>N</b>	W	Y	<b>N</b>	
		CER2.2P1	Active	<b>N</b>	Y	W	Y	<b>N</b>	
		CER2.3P1	Active	<b>N</b>	Y	W	Y	<b>N</b>	
CER2.3P2		Active	<b>N</b>	Y	W	Y	<b>N</b>		
CER2.4P1		Active	<b>N</b>	Y	W	Y	<b>N</b>		
ERBE-like - 3	CER3.1P1	Active	<b>N</b>	Y	W	Y	<b>N</b>		
	CER3.2P1	Active	<b>N</b>	Y	W	Y	<b>N</b>		
	CER3.2P2	Disabled	N/A	N/A	N/A	N/A	N/A		
Clouds	CER4.1-4.0P1	Active	Y	Y	W	Y	<b>N</b>		
4.1-4	CER4.1-4.1P1	Disabled	N/A	Y	W	N/A	N/A	PCF script email / eos + operations and Sunny	
	CER4.1-4.1P2	Active	<b>N</b>	Y	W	Y	<b>N</b>		
	CER4.1-4.1P3	Active	<b>N</b>	Y	W	Y	<b>N</b>		
	CER4.1-4.1P4	Active	Y	Y	W	Y	<b>N</b>	PCF to eos operations	
	CER4.1-4.1P5	Active	Y	Y	W	Y	<b>N</b>	PCF to eos operations	
	CER4.1-4.1P6	Delivered	Y	Y	W	Y	<b>N</b>		
	CER4.1-4.2P1	Active	Y	Y	W	Y	<b>N</b>		
	CER4.1-4.2P2	Active	Y	Y	W	Y	<b>N</b>		
	CER4.1-4.2P3	Active	Y	Y	W	Y	<b>N</b>		
	CER4.1-4.2P4	Delivered	Y	Y	W	Y	<b>N</b>		

	CER4.1-4.2P5	Delivered	Y	Y	W	Y	N	
	CER4.1-4.3P1	Active	Y	Y	W	Y	N	
	CER4.1-4.3P2	Active	Y	Y	W	Y	N	
	CER4.1-4.3P3	Delivered	Y	Y	W	Y	N	
	CER4.1-4.4P1	Disabled	N	Y	W	N	N	In Op Man, but not in FMP. Delete?
Inversion/SOFA	CER4.5-6.1P1	Disabled	N/A	N/A	N/A	N/A	N/A	Probably to be reactivated
4.5-6	CER4.5-6.1P2	Active	Y	Y	W	Y	N	
	CER4.5-6.1P3	Active	Y	Y	W	Y	N	
	CER4.5-6.1P4	Developing	Y	Y	W	Y	In Review	Terra Main Ed3 version of 1P2
	CER4.5-6.1P5	Developing	Y	Y	W	Y	In Review	Aqua Main Ed3 version of 1P3
	CER4.5-6.2P1	Disabled	N/A	N/A	N/A	N/A	N/A	Probably to be reactivated
	CER4.5-6.2P2	Active	Y	Y	W	Y	N	
	CER4.5-6.2P3	Developing	Y	Y	W	Y	In Review	Subset postprocessor for Terra and Aqua (Ed3 version of 2P2)
	CER4.5-6.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	Probably to be reactivated
	CER4.5-6.3P2	Active	Y	Y	W	Y	N	
	CER4.5-6.3P3	Active	Y	Y	W	Y	N	
	CER4.5-6.4P1	Active	Y	Y	W	Y	N	
	CER4.5-6.4P2	Developing	Y	Y	W	Y	In Review	Monthly validation site (Ed3 for 4P1)
	CER4.5-6.6P2	Active	Y	Y	W	Y	N	
	CER4.5-6.6P3	Active	Y	Y	W	Y	N	
SARB - 5	CER5.0P1	Active	N	Y	W, M	Y	N	
	CER5.1P1	Active	N	Y	W	Y	N	
	CER5.1P2	Active	N	Y	M	Y	N	
	CER5.2P1	Deleted	N/A	N/A	N/A	N/A	N/A	
	CER5.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER5.4P1	Active	N	Y	W	Y	N	
	CER5.4P2	Active	N	Y	W	Y	N	
TISA Grid - 6	CER6.1P1	Active	Y	Y	W	Y	N	
	CER6.2P1	Active	Y	Y	W	Y	N	
	CER6.3P1	Active	Y	Y	W	Y	N	
TISA Avg - 7.1	CER7.1.1P1	Active	Y	Y	W, M	Y	N	
SARB - 7.2	CER7.2.1P1	Active	N	Y	W, M	Y	N	
	CER7.2.2P1	Never Was	N/A	N/A	N/A	N/A	N/A	
TISA Avg - 8	CER8.1P1	Active	Y	Y	Planning W, M <sup>1</sup>	Y	N	
	CER8.2P1	Active	Y	Y	Planning W, M <sup>1</sup>	Y	N	Merging with CER8.1P1 with upcoming delivery
TISA Grid - 9	CER9.0P1	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	N	

	CER9.1P1	Active	Y	Y	W	Y	<b>N</b>	
	CER9.2P1	Active	Y	Y	W	Y	<b>N</b>	
	CER9.3P1	Active	Y	Y	W	Y	<b>N</b>	
	CER9.4P1	Active	Y	Y	W	Y	<b>N</b>	
TISA Avg - 10	CER10.0P1	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	<b>N</b>	
	CER10.0P2	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	<b>N</b>	
	CER10.0P3	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	<b>N</b>	New PGE for plots
	CER10.1P1	Disabled	Y	Y	W	N/A	N/A	Replace with CER10.0P2
	CER10.1P2	Disabled	Y	Y	W	N/A	N/A	Replace with CER10.0P1
	CER10.2P1	Deleted	Y	Y	W	N/A	N/A	
	CER10.3P1	Deleted	Y	Y	W	N/A	N/A	
	CER10.1P3	Disabled	Y	Y	W	N/A	N/A	
	CER10.1P4	Active	Y	Y	W	N/A	N/A	Replace with CER10.0P2 for Terra
	CER10.1P5	Active	Y	Y	W	N/A	N/A	Replace with CER10.0P1 for Terra
GGEO - 11	CER11.1P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P2	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P3	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P4	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P5	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P6	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P7	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P8	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.1P10	Active	Y	Y	W	Y	<b>N</b>	
	CER11.2P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.2P2	Active	Y	Y	W	Y	<b>N</b>	
	CER11.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.4P1	Active	Y	Y	W	Y	<b>N</b>	
	CER11.5P1	Deleted	N/A	N/A	N/A	N/A	N/A	
	CER11.6P1	Active	Y	Y	W	Y	<b>N</b>	
	CER11.7P1	Developing	Y	Y	Planning W, M <sup>1</sup>	Y	<b>N</b>	
Regrid MOA -12	CER12.1P1	Active	<b>N</b>	Y	W, M	Y	<b>N</b>	

Table 1 Key:		
<sup>1</sup> 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
	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
<sup>2</sup> Prod. Platform	W	Currently executes on warlock
	M	Ccurrently executes on magneto
	M*	Currently in pre-delivery testing on magneto

Table 2: CERES Product Current Events Status Table				
Product Name	Responsible Working Group	Archival, Internal, or Ext. Input	URL in Sample Read README updated? (Y/N) <sup>3</sup>	DPC Pages Converted to Word?
BDS	Instrument	Archival	<i>N</i>	<i>N</i>
ES-8	ERBE-like	Archival	<i>N</i>	<i>N</i>
ES-9	ERBE-like	Archival	<i>N</i>	<i>N</i>
ES-4	ERBE-like	Archival	<i>N</i>	<i>N</i>
SSF	Inversion	Archival	<i>N</i>	<i>N</i>
CRS	SARB	Archival	<i>N</i>	<i>N</i>
FSW	TISA-Gridding	Archival	<i>N</i>	<i>N</i>
SYN	TISA-Averaging	Archival	<i>N</i>	<i>N</i>
AVG	TISA-Averaging	Archival	<i>N</i>	<i>N</i>
ZAVG	TISA-Averaging	Archival	<i>N</i>	<i>N</i>
SFC	TISA-Gridding	Archival	<i>N</i>	<i>N</i>
SRBAVG	TISA-Averaging	Archival	<i>N</i>	<i>N</i>

New - 9	TISA-Gridding	Archival	<i>N</i>	<i>N</i>
New - 11	TISA-Averaging	Archival	<i>N</i>	<i>N</i>
INSTR	Instrument	Internal	<i>N</i>	<i>N</i>
IES	Instrument	Internal	N/A	<i>N</i>
EID-6	ERBE-like	Internal	N/A	<i>N</i>
CRH	Clouds	Internal	N/A	<i>N</i>
GGEO	TISA	Internal	N/A	<i>N</i>
MOA	SARB	Internal	N/A	<i>N</i>
CID-VIRS	Clouds	Ext. Input	N/A	<i>N</i>
CID-MODIS	Clouds	Ext. Input	N/A	<i>N</i>
SURFMAP	Clouds	Ext. Input	N/A	<i>N</i>
GEO	TISA	Ext. Input	N/A	<i>N</i>
APD	SARB	Ext. Input	N/A	<i>N</i>
GAP	SARB	Ext. Input	N/A	<i>N</i>
MWH	SARB	Ext. Input	N/A	<i>N</i>
OPD	SARB	Ext. Input	N/A	<i>N</i>

Table 2 Key:

<sup>3</sup> URL Update	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>
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Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
8/7/2007	All	Added color to distinguish between Yes and No answers
	CER1.1P2, CER1.1P4, CER1.1P6	Added comment indicating possible reactivation
	CER4.1-4.1P4, CER4.1-4.1P5	Changed NOMAD Compliance status from "No" to "Yes"
	CER10.1P3	New PGE added to chart
8/21/2007	All	Added Prod. Platform column
	All	Changed from red font to lightly shaded background to distinguish between Yes and No answers
	Inversion	Changed "N/A" to "Y" for NOMAD compliant for Active PGEs
9/4/2007	All	No changes
9/18/2007	All	Added 2 columns for Test Plan and Op Man conversion from Framemaker to Word.
	All	Added column for updating URL in Sample Read Packages README files consistent with Note 3 in Key Table
10/16/2007	CER7.1P1, CER8.1P1, CER8.2P2	Changed status of Test Plans to Word to indicate in review.
10/30/2007	All remaining PGEs except ERBE-like	Changed status of Test Plans to Word to indicate in review.
11/27/2007	All	Changed column heading from "Op Man in Word" to Op Man in Excel"
	CER1.NPx	Changed Op Man status from "N" to "Review"
	CER1.NPx	Changed Prod. Platform column value from "W,M*" to "W"

12/11/2007	All PGEs	Changed status of Test Plans to Word to indicate complete.
	CER9.0P1	Addition - new PGE
	CER11.0P1	Addition - new PGE
	except CER1.nPx	Changed status of Op Man in Excel from "Review" to "N"
	All PGEs	Removed Table 1 column regarding sample read package updates
	All products	Added new Table 2 for product-specific items; (1) sample readme file updates and (2) DPC pages converted to Word
	CER10.0P1-3	Changed Production Status from "Active-to-be" to "Developing"
	Table 1 Key	Added new "Developing" status explanation to Footnote 1
	CER10.1P4 CER10.1P5	Changed Production status back to "Active" to reflect reactivation for Aqua processing
	CER10.0Px	Changed Prod. Platform from "W, M*" to "Planning W, M"
1/8/2008	CER1.0P1	Changed Production Status from "Active" to "Developing" Changed Prod. Platform from "W, M*" to "Planning W, M"
	CER4.1-4.1P6 CER4.1-4.2P4 CER4.1-4.2P5 CER4.1-4.3P3 CER4.5-6.1P4,5 CER4.5-6.2P3 CER4.5-6.3P4,5 <del>CER4.5-6.4P3</del>	Addition - New PGEs
	CER4.1-4.2P3 CER4.1-4.3P2	Additions to chart that were erroneously omitted previously
		New PGE under development and renumbered as CER11.7P1
	CER11.0P1	CER11.7P1

1/22/2008	CER2.NPx, CER3.NPx	Changed status of Test Plan in Word column from "N" to "Y"
	CER4.5-6P4, CER4.5-6.3P5, CER4.5-6.6P4, CER4.5-6.6P5	Removed from list as they will not be delivered
	CER4.1-4.4P1	Added row to chart
	CER7.1.1P1, CER8.1P1	Changed Prod Platform to also indicate magneto
2/5/2008	CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3, CER4.5-6.4P2	Added magneto to planned platforms
	CER8.2P1	Added magneto to planned platforms, added comment regarding plans to merge PGE with CER8.1P1
2/19/2008	CER4.1-4.1P6, CER4.1-4.2P4, CER4.1-4.2P5, CER4.1-4.3P3	Changed status to "Delivered" to indicate the PGE has been delivered to CM but is not yet in production. Changed "Planning W" to "W" for Prod. Platform.
	CER8.2P1	Updated comment to indicate that this PGE will be merged with CER8.1P1 with the next delivery.