

February 6, 2008 - System Issues and Status

**Table 1: Process Strategy/Geier as of 2/06/08
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 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	When the DAO-TestSCF-G5-CERES MOA files are delivered to ASDC, drop everything and run PRs 130-07 to 138-07.
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	Waiting on MOA.
PR 136-07	FM3	Test-G5-CERES1	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	1/06	Waiting on MOA.
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	Waiting on MOA.
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	Waiting on MOA.
PR 133-07	FM2	Test-G5-CERES1	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	1/06	Waiting on MOA.
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	Waiting on MOA.
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	Waiting on MOA.
PR 130-07	FM1	Test-G5-CERES1	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	7/04	Waiting on MOA.
PR 10-08	FM1 or FM2	Beta4c	TISA avg (SS 7.1)	7.1.1P1	1/01 - 10/01 seasonal months	Waiting on promotion.
PR 9-08	FM3 or FM4	Beta4c	TISA avg (SS 7.1)	7.1.1P1	1/03 - 10/03 seasonal months	Waiting on promotion.

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PR 10B-08	FM1 or FM2	Beta4c	Syn SARB (SS 7.2)	7.2.1P1	1/01	Waiting on promotion.
PR 9B-08	FM3 or FM4	Beta4c	Syn SARB (SS 7.2)	7.2.1P1	1/03	Waiting on promotion.
PR 8-08	FM1 or FM2	Beta4w	TISA avg (SS 7.1)	7.1.1P1	1/01 - 10/01 seasonal months	Waiting on promotion.
PR 7-08	FM3 or FM4	Beta4w	TISA avg (SS 7.1)	7.1.1P1	1/03 - 10/03 seasonal months	Waiting on promotion.
PR 8B-08	FM1 or FM2	Beta4w	Syn SARB (SS 7.2)	7.2.1P1	1/01	Waiting on promotion.
PR 7B-08	FM3 or FM4	Beta4w	Syn SARB (SS 7.2)	7.2.1P1	1/03	Waiting on promotion.
PR 6-08	FM3 V005 MOD08	ValR11	Inst SARB (SS 5)	5.0P1 5.1P2 5.4P2	5/06	Waiting on promotion.
PR 3-08	FM1 V005 MOD08	ValR11	Inst SARB (SS 5)	5.0P1 5.1P1 5.4P1	5/06	Waiting on promotion.
PR 111-07	FM1, FM2	ValR9	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03	Waiting on delivery.
PR 113-07	FM3, FM4	ValR9	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03, 10/04	Waiting on delivery.
PR 112-07	FM3, FM4	ValR10	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02, 1/03	Waiting on delivery.
PR 129-07	FM1 or FM2	Beta4	TISA avg (SS 7.1)	7.1.1P1	4/00 – 10/05 seasonal months only	Delivered, waiting on promotion.
PR 128-07	FM1 or FM2	Beta4	Synoptic SARB (SS 7.2)	7.2.1P1	4/00 – 10/05 seasonal months only	Delivered, waiting on promotion.
PR 127-07	FM3 or FM4	Beta4	TISA avg (SS 7.1)	7.1.1P1	7/02 – 10/05 seasonal months only	Delivered, waiting on promotion.
PR 126-07	FM3 or FM4	Beta4	Synoptic SARB (SS 7.2)	7.2.1P1	7/02 – 10/05 seasonal months only	Delivered, waiting on promotion.

Table 1: Process Strategy/Geier as of 2/06/08
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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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	Waiting on delta delivery for 5.4P1.
PR 73-07	FM1	Edition2C	TISAgid (SS6)	6.1P1 6.2P1 6.3P1	3/06 - 6/06	
PR 80-07	FM3	Edition2B	TISAgid (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	
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	

Table 1: Process Strategy/Geier as of 2/06/08
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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	TIS gridding (SS 6)	6.1P1 6.2P1 6.3P1	5/1/06 – 12/31/06	
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	TIS gridding (SS 6)	6.1P1 6.2P1 6.3P1	5/1/06 – 12/31/06	
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	
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	
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	
PR 8-07	FM4	Edition2B	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	7/2/02 to 3/30/05 hr 17	
PR 84A-07 to 84C-07	FM3 or FM4	Edition2B	SARB (SS5)	5.0P1 5.1P2 5.4P2	7/02 - 12/05	Aqua CRS approved 7/13/07.
PR 84D-07	FM3 or FM4	Edition2B	TISAgrid (SS6)	6.1P1 6.2P1 6.3P1	7/02 - 12/05	
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	
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	
PR 108-07	FM1, FM2	Edition2E	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	3/00 - 10/05	Waiting on ValR9 approval.

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 110-07	FM3	Edition2B	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02 - 10/05	Waiting on ValR10 approval.
PR 109-07	FM4	Edition2B	TISA avg (SS10)	10.0P1 10.0P2 10.0P3	7/02 - 3/05	Waiting on ValR10 approval.
M PR 2-06		GEOS4	MOA (SS12)	12.1P1	Standing request	
M PR 1-06		GEOS4	PMOA (SS9.1)	9.1P1	Standing request	

Table 2. February 6, 2008 - 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) • Installed, compiled, and tested the Synoptic SARB (SCCR 663) delivery on <i>warlock</i> and <i>magneto</i> and released it to the ASDC. (Ayers) • Installed the Instantaneous SARB (SCCR 668) delta delivery on <i>warlock</i> and <i>magneto</i> and released it to the ASDC. (Ayers) • Updated to following documents and delivered them to the ASDC: Synoptic SARB Operator's Manual and Test Plan (SCCR 663) and Instantaneous SARB Operator's Manual (SCCR 668). (Saunders) • Provided updated sample read package information to the ASDC for the SFC and FSW products. (Ayers) • Updated the TISA Averaging and SARB Requirements Logs and posted them on the Web. (Saunders, Ayers) • Continued the effort to convert the DPC from FrameMaker to Word. (Saunders) • Updated the CERES Subsystem and Coefficients Delivery Schedules and posted them on the Web. (Ayers, Saunders)

Table 3. CERES Subsystem Delivery Schedule - February 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 667)	January 18	February 8	February 15	To support Terra Beta4 and Aqua Beta1 AVG, ZAVG, and SYN processing.			<i>warlock & magneto</i>
Clouds (SCCR 658)	January 18	February 8	February 15	Terra/Aqua Beta1 Edition3 SSF processing. New PGEs: CER4.1-4.1P6, CER4.1-4.2P5, CER4.1-4.2P6, & CER4.1-4.3P3.		X	<i>warlock</i>
Instrument (SCCR 610)	February 8	February 22	February 29	To allow processing of both Edition2 and Edition3 data through PGE CER1.3P3	X		<i>warlock</i>
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 & magneto</i>
TISA Averaging (SCCR 650)	February 15	February 29	March 7	Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing. New PGEs: CER10.0P1, CER10.0P2, & CER10.0P3.		X	<i>warlock & magneto</i>

**Table 3. CERES Subsystem Delivery Schedule - February 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	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 & magneto</i>
GGEO	Spring			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 & magneto</i>
GGEO (SCCR 653)	April			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 & magneto</i>
Regrid MOA	May			To process the G5 CERES data that will be coming to support Edition3.			<i>warlock & magneto</i>
Clouds	Fall			Support TRMM VIRS-only processing of August 2001 forward.			<i>warlock & magneto</i>

**Table 3. CERES Subsystem Delivery Schedule - February 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	Two to four weeks after Clouds			Support TRMM VIRS-only processing.			<i>warlock & magneto</i>
Inversion	Fall			Support Beta2-Edition3 processing.			
TISA Gridding	Two weeks after Inversion			PMOA delta delivery dealing with overlap file checking and reading G5-CERES MOA input. Also, support Beta2-Edition3 SFC processing.			<i>warlock & magneto</i>
SARB	???			MATCH (Collection 5) data files for November - December 2007.			<i>warlock & magneto</i>
Instrument (SCCR 641)	???			Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	<i>warlock & magneto</i>

Table 4. CERES Coefficients Delivery Schedule - February 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	March		Terra Edition3 gains and spectral response function files for February 2000 - June 2005.	<i>warlock/magneto</i>
Instrument/ERBE-like	N/A	March		Aqua Edition3 gains and spectral response function files for June 2002 - March 2005.	<i>warlock/magneto</i>
Instrument/ERBE-like	N/A	Spring		Terra and Aqua Edition2 gains and spectral response function files January - August 2007.	<i>warlock/magneto</i>
Instrument/ERBE-like	N/A	2008		Terra Edition3 gains and spectral response function files for July 2005 - December 2005.	<i>warlock/magneto</i>
Instrument/ERBE-like	N/A	2008		Aqua Edition3 gains and spectral response function files for April 2005 - December 2005.	<i>warlock/magneto</i>
GGEO		???		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 January 22 at 4:30 p.m. – February 4 at 2:30 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
658			X			4.1 – 4.4		
660			X			7.1		
663			X			7.2		
664				X		5		
667	X					8	11	
668	X	X	X			5	13	

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

CERES Software Configuration Change Request Submittal

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Subsystem: TISAavg8.0 SCCR Date & TIME: 2008-01-23 12:15:21 SCCR No.: 667

Parameter Change: (X) YES () NO

Description of Change (Science):

Req#8.79+Add the twilight flux to the observed SW all-sky monthly mean regional flux and to the tuned TOA level 1 all-sky SW flux

Req#8.80+Add the clear-sky twilight flux table.+Use the clear-sky twilight flux to add to the observed SW clear-sky monthly mean flux and to the tuned TOA level 1 clear-sky SW flux

Req#8.82+Remove all clear-sky LW and SW fluxes that were added to the TSI so that the clear-sky and all-sky were identical when the cloud amount was zero.

Req#8.83+Linearly interpolate the zonal monthly clear-sky LW fluxes

Req#8.84+Use the incoming solar and the zonal monthly SW fluxes to interpolate the default zonal monthly SW fluxes.

Reason for Change (Science):

Improve the fluxes to match with the monthly average fluxes from SRBAVG

Description of Change (non-Science):

Req#8.85+Change parameter names to match with the names in DPC.

Req#8.86+Modify code to run on IBM cluster.

Reason for Change (non-Science):

Make the code to be able to run on IBM cluster and the output data match with data from SGI runs.

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

Req#8.81+Add three new parameters: Total-sky UVB surface flux up, snow grain size, match total aerosol optical depth at 0.55 nm

Reason for Parameter Change:

New parameters from SYNI

Affected PGEs in this Subsystem: CER8.1P1

Estimated Time to Complete Change: 2 weeks

Planned Delivery Date: February 1, 2008

List Affected Subsystems and PGE Names: Subsystem 8+ CER8.2P1

Originator: NGUYEN, CATHY (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: InstSARB

SCCR Date: 01/23/2008

SCCR Number: 668

Parameter Change: () YES (X) NO

Description of Change (Science):

(Req# 5-11.1)

Modified scripts to disable use of gridded MODIS product in further Terra CRS processing.

Reason for Change (Science):

(Req# 5-11.1)

The Science team decided to replace gridded MODIS values with MATCH values to avoid potential issues with the transition to MODIS collection 5.

Description of Change (non-Science):

(Req# 5-11.0)

Added new environment variable (SS5_MATCH) to represent use of collection 4 or 5 MATCH data for Terra and Aqua processing.

(Req# 5-11.2)

Deliver collection 5 MATCH data files to ASDC (May 2006 – May 2007)

Reason for Change (non-Science):

(Req# 5-11.0)

Science team requests overlap of collection 4 and 5 data wherever possible.+This will give production the option of using either collection when running data.

(Req# 5-11.2)

This is part of a standing request to deliver new MATCH data files as they become available.

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:5.0P1, 5.1P1, 5.1P2

Estimated Time to Complete Change: 1 week

Planned Delivery Date: February 1, 2008

List Affected Subsystems and PGE Names: Instantaneous SARB

Date: 01/29/2008 Status: SUBMITTED
Originator: CALDWELL, THOMAS E. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 668:
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Parameter Change: () YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
(Req# 5-11.2)
More data files added to delivery.+Files now include data from May 2006 through October 2007.

Reason for Change (non-Science):
(Req# 5-11.2)
More files became available after initial submission of SCCR 668.

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:5.0P1, 5.1P1, 5.1P2

Estimated Time to Complete Change: 1 day
Planned Delivery Date: February 1, 2008
List Affected Subsystems and PGE Names: Instantaneous SARB

Date & Time: 2008-01-31 15:53:28

Originator: CALDWELL, THOMAS E. (SSAI)

Table 6. February 6, 2008 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
1.0	Cooper (Walikainen)	<ul style="list-style-type: none"> • Continued to track receipt of Terra and Aqua Level-0, Ephemeris and Attitude data. (Cooper, Snyder) • Continued working to put the Instrument Subsystem into the new directory structure before the next delivery. All PGEs are working in the new directory structure. Working on the test scripts to ensure that they work in the new directory structure. (Cooper) • Attended NPP kick-off meetings. Provided requested schedule high-level milestones for the Instrument code conversion and new Level-0 and Eph/Att data reformatters. Since NPP has the highest priority, work on the last delivery of the Instrument subsystem in Ada was delayed. (Cooper) • Began running data to provide information needed to support a meeting to discuss a pitch-over maneuver with NPP to determine FM5 on-orbit offsets. (Cooper) 	
2.0	Walikainen (Cooper)	<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) • Progress restructuring directories continues. To date, compiled CER3.1P1, CER3.2P1, CER2.1P1, CER2.2P1, CER2.3P1, CER2.3P2 and CER2.4P1; ran CER2.4P1, CER2.3P1 and CER2.3P2. (Walikainen) • Creating unfiltering coefficients for Edition2 Aqua and Terra (Jan-Sep 2007). Using new directory structure for CER2.4P1 to create these. (Walikainen) • 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. (Walikainen) 	

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SS No.	SS Lead	Status	Problems
3.0	Walikainen (Cooper)	Combined with above.	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Processing CloudVis images for 2006 Aqua Edition1B data for the Kaashidhoo, Southeast Asia, Greece, and Central China regions. Completed processing CloudVis images for Terra Edition2-QC for the Eureka, Canada from January 2006 through December 2006. (R. Brown) • Continued working on developing QC histogram code. (R. Brown) • Ed3 beta1 delivery. (All) 	
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"> • Updated module for Narrowband-Broadband comparison. (Miller) • Testing of Edition3 code continued. (Miller) • Investigated NPOESS HDF4 Sample Data Product DVD IDPS Build 1.5. A summary was provided to involved DMT members. (Miller) • Started NEWS updates to Edition3 Convolution code. Selection of track IES and full footprint data implemented. (Miller) 	
4.5	Sothcott	<ul style="list-style-type: none"> • Attended weekly SOFA working group meetings. (Sothcott) • Continued work on Edition3 Beta1 software implementing the new directory structure. Testing will restart after all PGEs have been implemented in the new directory structure. (Sothcott) • Staged four months of FM2 day, night and aerosol subset data (09/2005 - 12/2005) for use by the ADM group. (Sothcott) 	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • SCCR 668 delivery of MATCH data files and updated scripts was completed. (Caldwell) 	

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7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> • Worked with SSIT to complete testing of SCCR 663. (Caldwell). • Processed Jan 2002 SYNI data at SCF for Cathy. (Caldwell). 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • Waiting for delivery of G5 sample data. (Caldwell) • Updating MOA code for anticipated delivery to handle new OMI format. (Caldwell) 	
7.1	Nguyen (Raju)	<ul style="list-style-type: none"> • Ran January 2002 without the LW Rev1 correction and with the LW Rev1 correction to create inputs for Subsystem 8 for validation. (Nguyen) 	
8.0	Nguyen (Raju)	<ul style="list-style-type: none"> • Testing code on <i>warlock</i> and <i>magneto</i>. (Nguyen) • Continue modifying code to correct the core dump on <i>magneto</i>. (Nguyen) • Running January 2002 SYN/AVG/ZAVG with the TSI data for validation. (Nguyen) • Merging CER8.1P1 and CER8.2P1. (Nguyen) 	
10.0	Nguyen (Raju)	<ul style="list-style-type: none"> • No new updates. (Nguyen) 	
11.7	Nguyen (Raju)	<ul style="list-style-type: none"> • No new updates. (Nguyen) 	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> • Work continued to test PGEs in new directory structure on <i>warlock</i> and <i>magneto</i>. (Raju) 	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> • PGE 9.0P1 code was tested on <i>magneto</i> without any problems and created daily files. Working on HDF routines to create isccp product. (Raju) 	

Table 6. February 6, 2008 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
11.0	Raju (Nguyen)	<ul style="list-style-type: none">• Modified CER11.1P10 1-hourly code to create 10-bit visible calibration table for 10-bit image data and 8-bit calibration table for 8-bit image data. Processed September 2007, day 2 MTSAT1-10-bit data through 1-hourly PGEs and created Web plots and QA reports for Dave Doelling. (Raju)• Set up a cloud bin directory under ggeo subsystem and copied cloud PCF generator scripts which are used in GGEO process. Checking the GGEO PCF scripts to see if they can be modified to call these scripts instead of accessing them from cloud subsystem. (Raju)	

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Current PGE Production Status ¹	Scripts NOMAD compliant ? (Y/N)	Scripts EXIT CODE compliant ? (Y/N)	Prod. Platform (W, M, M*) ²	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 ¹	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	N	N	W	Y	N	
	CER2.2P1	Active	N	Y	W	Y	N	
	CER2.3P1	Active	N	Y	W	Y	N	
	CER2.3P2	Active	N	Y	W	Y	N	
	CER2.4P1	Active	N	Y	W	Y	N	
ERBE-like - 3	CER3.1P1	Active	N	Y	W	Y	N	
	CER3.2P1	Active	N	Y	W	Y	N	
	CER3.2P2	Disabled	N/A	N/A	N/A	N/A	N/A	
Clouds	CER4.1-4.0P1	Active	Y	Y	W	Y	N	
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	N	Y	W	Y	N	
	CER4.1-4.1P3	Active	N	Y	W	Y	N	
	CER4.1-4.1P4	Active	Y	Y	W	Y	N	PCF to eos operations
	CER4.1-4.1P5	Active	Y	Y	W	Y	N	PCF to eos operations
	CER4.1-4.1P6	Developing	Y	Y	Planning W	Y	N	
	CER4.1-4.2P1	Active	Y	Y	W	Y	N	
	CER4.1-4.2P2	Active	Y	Y	W	Y	N	
	CER4.1-4.2P3	Active	Y	Y	W	Y	N	
	CER4.1-4.2P4	Developing	Y	Y	Planning W	Y	N	
	CER4.1-4.2P5	Developing	Y	Y	Planning 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	Developing	Y	Y	Planning 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	Planning W, M ¹	Y	N	Terra Main Ed3 version of 1P2
	CER4.5-6.1P5	Developing	Y	Y	Planning W, M ¹	Y	N	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	Planning W, M ¹	Y	N	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	Planning W, M ¹	Y	N	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 ¹	Y	N	
	CER8.2P1	Active	Y	Y	Planning W, M ¹	Y	N	Planning to merge with CER8.1P1, but maybe not with upcoming delivery
TISA Grid - 9	CER9.0P1	Developing	Y	Y	Planning W, M ¹	Y	N	
	CER9.1P1	Active	Y	Y	W	Y	N	
	CER9.2P1	Active	Y	Y	W	Y	N	
	CER9.3P1	Active	Y	Y	W	Y	N	
	CER9.4P1	Active	Y	Y	W	Y	N	
TISA Avg - 10	CER10.0P1	Developing	Y	Y	Planning W, M ¹	Y	N	

	CER10.0P2	Developing	Y	Y	Planning W, M ¹	Y	N	
	CER10.0P3	Developing	Y	Y	Planning W, M ¹	Y	N	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	N	
	CER11.2P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.2P2	Active	Y	Y	W	Y	N	
	CER11.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.4P1	Active	Y	Y	W	Y	N	
	CER11.5P1	Deleted	N/A	N/A	N/A	N/A	N/A	
	CER11.6P1	Active	Y	Y	W	Y	N	
	CER11.7P1	Developing	Y	Y	Planning W, M ¹	Y	N	
Regrid MOA -12	CER12.1P1	Active	N	Y	W, M	Y	N	

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
² Prod. Platform	W	Currently executes on warlock
	M	Currently 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) ³	DPC Pages Converted to Word?
BDS	Instrument	Archival	N	N
ES-8	ERBE-like	Archival	N	N
ES-9	ERBE-like	Archival	N	N
ES-4	ERBE-like	Archival	N	N
SSF	Inversion	Archival	N	N
CRS	SARB	Archival	N	N
FSW	TISA-Gridding	Archival	N	N
SYN	TISA-Averaging	Archival	N	N
AVG	TISA-Averaging	Archival	N	N
ZAVG	TISA-Averaging	Archival	N	N
SFC	TISA-Gridding	Archival	N	N
SRBAVG	TISA-Averaging	Archival	N	N
New - 9	TISA-Gridding	Archival	N	N

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

Table 2 Key:	
³ URL Update	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
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
	All PGEs 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 CER4.5-6.4P2 CER4.5-6.6P4,5 CER11.7P1	Addition - New PGEs
	CER4.1-4.2P3 CER4.1-4.3P2	Additions to chart that were erroneously omitted previously
	CER11.0P1	New PGE under development and renumbered as 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