

March 7, 2007 - System Issues and Status

**Table 1: Process Strategy/Geier as of 03/07/07
Active Requests in order of priority (1 of 3)**

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 50-07 to 58-07	FM3, FM4	ValR9	Instrument/ ERBELike (SS 1-3)	2.4P1 1.3P3 1.2P1 2.2P1 2.3P1 2.3P2 3.1P1	Select dates as requested	Waiting on gains/ SRF delivery.
PR 31-07 to 39-07	FM1, FM2	ValR9	Instrument/ ERBELike (SS 1-3)	2.4P1 1.3P3 1.2P1 2.2P1 2.3P1 2.3P2 3.1P1 3.2P1	Select dates as requested	Waiting on gains/ SRF delivery.
PR 17-07 to 18-07	FM3 or FM4	ValR10/ ValR10- NoSW	Inversion (SS4.5-6)	4.5-6.1P3 4.5-6.2P2	12/31/05	Done 3/2/07.
PR 15-07 to 16-07	FM3 or FM4	ValR11/ ValR11- NoSW	Inversion (SS4.5-6)	4.5-6.3P3 4.5-6.2P2	12/31/05	Done 3/2/07.
PR 13-07 to 14-07	FM3 or FM4	ValR12/ ValR12- NoSW	Inversion (SS4.5-6)	4.5-6.6P3 4.5-6.2P2	12/31/05	Done 3/2/07.
PR 1-OS7 to 118-OS7	FM1, FM2, FM3, or FM4	ValR2OS*	all sub- systems	all active PGEs	See individual PRs	Attempt to get as many CERES PGEs validated on new OS and TK 5.2.12 as quickly as possible.
PR 19-07	FM3, FM4	Beta6	TISA avg (SS10)	10.1P5 10.1P4	6/04 - 3/05	Done 2/21/07.
PR 19b-07	FM3,	Beta6	TISA avg (SS10)	10.1P5 10.1P4	4/05 - 10/05	Done 2/20/07.

Table 1: Process Strategy/Geier as of 03/07/07
Active Requests in order of priority (2 of 3)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 19c-07	FM4	Beta6-NoSW	TISA avg (SS10)	10.1P5 10.1P4	4/05 - 10/05	Cancelled 2/26/07.
PR 131-06	FM1 or FM2	Beta3	Synoptic (SS7.2)	7.2.1P1	3/00 - 12/01 2/03	Done 2/22/07.
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 45-07 to 49-07	FM3	Edition2	Instrument/ ERBELike (SS 1-3)	2.4P1 1.3P3 1.2P1 2.2P1 2.3P1 2.3P2 3.1P1	2006	Waiting on ValR9 approval.
PR 40-07 to 44-07	FM4	Ed2-NoSW	Instrument/ ERBELike (SS 1-3)	2.4P1 1.3P3 1.2P1 2.2P1 2.3P1 2.3P2 3.1P1	2006	Waiting on ValR9 approval.

Table 1: Process Strategy/Geier as of 03/07/07
Active Requests in order of priority (3 of 3)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 20-07 to 30-07	FM1, FM2	Edition2	Instrument/ERBELike (SS 1-3)	2.4P1 1.3P3 1.2P1 2.2P1 2.3P1 2.3P2 3.1P1 3.2P1	2006	Waiting on ValR9 approval.
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 1/1/06 hr 11	Wait for ValR11 and ValR12 approval.
PR 9-07	FM3	Edition2B	TISA grid (SS 9)	9.2P1 9.3P1 9.4P1	7/2/02 hr 15 to 1/1/06 hr 11	Wait for input from PR 12-07.
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	Wait for ValR11-NoSW and ValR12-NoSW approval.
PR 8-07	FM4	Edition2B	TISA grid (SS 9)	9.2P1 9.3P1 9.4P1	7/2/02 to 3/30/05 hr 17	Wait for input from PR 11-07.
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 1/1/06	Wait for ValR11-NoSW and ValR12-NoSW approval.
PR 7-07	FM4	Ed2B-NoSW	TISA grid (SS 9)	9.2P1 9.3P1 9.4P1	3/31/05 hr 12 to 1/1/06 hr 11	Wait for input from PR 10-07.
PR 6-07	FM1 or FM2	Beta3	TISA avg (SS 7.1)	7.1.1P1	6/01, 3/03 - 10/05	Extend the TSI/SYNI data set out as far as possible to determine effects of GGEO satellite changes.
PR 5-07	FM1 or FM2	Beta3	Synoptic SARB (SS 7.2)	7.2.1P1	6/01, 3/03 - 10/05	
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: March 7, 2007 - System Issues and Status

Activity	Lead	Status
CM	Ayers	<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 the TISA Averaging delta delivery associated with SCCR 645 on <i>warlock</i> and released it to the ASDC. (Saunders, Ayers) • Installed, compiled, and tested the TISA Averaging delivery associated with SCCR 639 and released it to the ASDC. (Saunders, Ayers) • Delivered the January 2007 Clouds S'COOL data file to the ASDC. (Saunders) • Worked with Victor Sothcott to correct errors in the CM statistics script which captures the LOC numbers for each PGE as delivered to the ASDC. (Ayers) • Worked with Raja Raju and Scott Zentz to try to resolve the TISA Gridding problems occurring in the production environment. (Ayers) • Updated the CERES Subsystem and Coefficients Delivery Schedules and posted them on the Web. (Ayers, Saunders)

Table 3: CERES Subsystem Delivery Schedule - March 2007

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	March 16	March 30	April 6	Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing.			<i>warlock</i>
Instantaneous SARB	March 16	March 30	April 6	Correct SOFA parameters in CRS by reading in Ed2B SSF and overwriting Ed2A CRS values. Support Ed2B CRS processing.		X	<i>warlock & magneto</i>
GGEO	April 6	April 20	April 27	Coefficient delivery for 11/05 - 4/06. Code delivery to support MTSAT.			<i>warlock</i>
Clouds (SCCR 603)	May			To process MODIS V005. Delivery needs to be made prior to processing Collection 5. To continue Terra/Aqua Ed2 processing.	X	X	<i>warlock</i>
Instrument (SCCR 641)	Spring			Delivery of simulated IES PGE to support TRMM VIRS-only processing.			<i>warlock</i>
Clouds	Spring			Support TRMM VIRS-only processing of August 2001 forward.			<i>warlock</i>
SARB	Spring			MATCH (collection 4) data files for January - May 1, 2006 (hours 00 - 11).			<i>warlock & magneto</i>
TISA Averaging	Summer			To support Terra Beta4 and Aqua Beta1 TSI processing.			<i>warlock</i>
Synoptic SARB	Summer			To support Terra Beta4 and Aqua Beta1 SYNI processing.			<i>warlock & magneto</i>

Table 3: CERES Subsystem Delivery Schedule - March 2007

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)
SARB		Summer		MATCH (collection 5) data files for May - December 2006.			<i>warlock & magneto</i>
Instrument (SCCR 610)		July		To allow processing of both Edition2 and Edition3 data through PGE CER1.3P3			<i>warlock</i>
TISA Averaging		Fall		To support Terra Beta4 and Aqua Beta1 AVG, ZAVG, and SYN processing.			<i>warlock</i>
SARB		Fall		MATCH (collection 5) data files for January - June 2007.			<i>warlock & magneto</i>
Clouds		November		Terra/Aqua Beta1 Edition3 SSF processing.			<i>warlock</i>
Inversion		Two weeks after Clouds		Terra/Aqua Beta1 Edition3 SSF processing.	X		<i>warlock & magneto</i>
TISA Gridding		Two weeks after Inversion		Support Terra/Aqua Beta Edition3 SFC processing.			<i>warlock & magneto</i>
TISA Gridding		???		PMOA delta delivery dealing with overlap file checking.			<i>warlock</i>

Table 4: CERES Coefficients Delivery Schedule - March 2007

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 9	March 9	Terra and Aqua Edition2 gains and spectral response function files for January 1, 2006 - January 1, 2007.	<i>warlock/ magneto</i>
GGEO	N/A	July		Initial coefficients for 5/06 - 12/06.	<i>warlock</i>
Instrument/ ERBE-like	N/A	Early Fall 2007		Terra Edition3 gains and spectral response function files for February 2000 - June 2005.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	Early Fall 2007		Aqua Edition3 gains and spectral response function files for June 2002 - March 2005.	<i>warlock/ magneto</i>
GGEO	Fall	Fall		Final coefficients for 1/06 - 4/06.	<i>warlock</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>
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 16 at 12:00 p.m. - March 5 at 2:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
610		X				1	8	
627		X				1	12	
638				X		4.5-6		
639			X			8		
645			X			10		

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

CERES Software Configuration Change Request Submittal

Subsystem: Instrument

SCCR Date: 01/13/2006

SCCR Number: 610

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Updates for Requirement #1-10:

1) Update PGE CER1.1P1 thru CER1.1P6 and CER1.3P3. Update the routine that creates the IES Header, to check if a leap second has occurred.

Reason for Change (non-Science):

Updates for Requirement #1-10

1) The addition of a leap second on Dec. 31, 2005, caused a calculated time for the first hour of the next day to be set to 2005-12-31T23:59:60.000000Z, which is incorrect. The routine that calculates this time was updated to check the seconds field, if the value of seconds is 60, the routine adds 1 sec. to cause the time calculated to be set to 2006-01-01T00:00:00.000000Z.

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: CER1.1P1 thru CER1.1P6 and CER1.3P3

Estimated Time to Complete Change : 1 day

Planned Delivery Date : No delivery planned at this time

List Affected Subsystems and PGE Names: No impact, HR 23 of 12/31/2005 currently not being processed.

Date: 01/25/2006 Status: UNKNOWN

Originator: COOPER, DENISE L. (SAIC)

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ADDITIONAL CHANGES TO SCCR NO. 610:

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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):

For Reqt. # 1-12:

1) Update all PGEs as needed to run on all available production/validation environments: SGI, Mac & Linux.

2) Update all relevant ASCII File and PCF generators and their associated run scripts from C-shell to Perl.

Reason for Change (non-Science):

For Reqt. # 1-12:

1) Update all software to allow compilation and processing on all of the available production/validation environments: SGI, Mac & Linux clusters. Only minor changes appear to be necessary.

2) As a result of porting the software to the cluster environments, updating these scripts to Perl will facilitate their running correctly in all the different environments.

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: CER1.1P1 thru CER1.1P6, CER1.3P1 thru CER1.3P3

Estimated Time to Complete Change : 4 mos.

Planned Delivery Date : Late 2006

List Affected Subsystems and PGE Names: No impact on other subsystems.

Date & Time: 2006-08-03 14:47:07

Originator: COOPER, DENISE L. (SAIC)

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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):

Requirement #1-16:

An error was detected during production processing for Terra-FM2 for data date 2/08/2007.+The error caused the code to end with a fatal error.+The error was traced to a problem in the code related to errors in the input data due to a possible bit-flip.

Reason for Change (non-Science):

Requirement #1-16:

The error was traced to a DAC update on the SW channel at 12:05:06 UT.+The sample number in the input data for the start of the DAC update was corrupted and a value of 657 was returned instead of the expected 644.+The routine to calculate the value of the shift required 3 samples after 657, which is outside the array boundaries of 0 - 659, which caused an exception to be raised and the code to end with a fatal error.+A fix to ignore the DAC update flag, by returning a CERES fill-value when the given sample number is ≥ 657 was implemented and tested.+This fix allows processing to continue if this event should ever occur again.+This is the only time that this has happened for any of the instruments over the last 7 yrs.

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: CER1.1P1 thru CER1.1P6 and CER1.3P3

Estimated Time to Complete Change : 1 day

Planned Delivery Date : July 2007

List Affected Subsystems and PGE Names: No impact on other subsystems.

Date & Time: 2007-02-20 14:46:35

Originator: COOPER, DENISE L. (SSAI)

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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):

Reqt.#1-14:

Allow PGE CER1.3P3 to process using Edition2 or the new Edition3 Count Conversion Data.+This requires the delivery of a new Edition3 version of the Count Conversion Data file and updating the CER1.3P3_input_find.csh script to add a parameter to indicate whether you want to process Edition2 or Edition3 data.

Reason for Change (non-Science):

Reqt. #1-14:

Processing of Edition2 data may continue beyond the current cut-off of 12/31/2005.+If this occurs, we may be processing both Edition2 and Edition3 data at the same time.+That would require that we have two versions of the Count Conversion Data files for each instrument and updates to the CER1.3P3_input_find.csh script to allow the user to tell the script which set of count conversion data files we want to use, Edition2 or Edition3.+This will also allow us to reprocess and Edition2 data that might become corrupted or otherwise unavailable.

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: CER1.3P3

Estimated Time to Complete Change : 2 days

Planned Delivery Date : July 2007

List Affected Subsystems and PGE Names: None

Date & Time: 2007-03-05 13:30:43

Originator: COOPER, DENISE L. (SSAI)

CERES Software Configuration Change Request Submittal

Subsystem: Instrument

SCCR Date: 05/25/2006

SCCR Number: 627

Parameter Change: () YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
Reqt.#1-14:

Allow PGE CER1.3P3 to process using Edition2 or the new Edition3 Count Conversion Data. This requires the delivery of a new Edition3 version of the Count Conversion Data file and updating the CER1.3P3_input_find.csh script to add a parameter to indicate whether you want to process Edition2 or Edition3 data.

Reason for Change (non-Science):
Reqt. #1-14:

Processing of Edition2 data may continue beyond the current cut-off of 12/31/2005. If this occurs, we may be processing both Edition2 and Edition3 data at the same time. That would require that we have two versions of the Count Conversion Data files for each instrument and updates to the CER1.3P3_input_find.csh script to allow the user to tell the script which set of count conversion data files we want to use, Edition2 or Edition3. This will also allow us to reprocess and Edition2 data that might become corrupted or otherwise unavailable.

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: CER1.3P3

Estimated Time to Complete Change : 2 days

Planned Delivery Date : October 2006

List Affected Subsystems and PGE Names: Instrument -- PGE CER1.3P3, no other subsystems affected

Date: 08/04/2006 Status: UNKNOWN

Originator: COOPER, DENISE L. (SAIC)

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ADDITIONAL CHANGES TO SCCR NO. 627:

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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):

This SCCR is being combined within SCCR 610, please disapprove this SCCR.

Reason for Change (non-Science):

Combining with SCCR 610

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: N/A

Estimated Time to Complete Change : 2 days

Planned Delivery Date : None

List Affected Subsystems and PGE Names: None

Date & Time: 2007-03-05 13:32:16

Originator: COOPER, DENISE L. (SSAI)

Table 6: March 7, 2007 - Subsystem Issues and Status (1 of 4)

SS No.	SS Lead	Status	Problems
1.0	Cooper	<ul style="list-style-type: none"> Continued to monitor receipt of Aqua and Terra data at the ASDC. (Cooper, Snyder) Most of the instrument group has switched to the SAN disk. There is still some data that has not been transferred. (Cooper) Waiting for authorization to deliver the Edition2 gains. Expect to know on Tuesday afternoon if the delivery can occur this week. (Cooper) Directions on how to process CER1.1P3 for Terra-FM2 for 02/08/2007 have been sent to ASDC. There will be no Baseline1-QC data produced for this date, but Edition1-CV will be produced through 12:00 UT, just before the problem occurred. This data date will be reprocessed before Edition3 processing begins. (Cooper) Data for Aqua-FM4 for 02/28/2007 had a problem due to the control loop being incorrectly changed during commanding. Seven hours during this day the detector temperature was uncontrolled. This data should not be released to the public. (Cooper) 	
2.0	Walikainen	<ul style="list-style-type: none"> Transferred all data and code to erbelike-san directory. All work and I/O is now being done on erbelike-san. (Walikainen) Created seasonal spectral correction coefficients and nadir files for Aqua Edition3. This is Test6. Direct comparisons were generated and will be submitted to the science team. (Walikainen) Created FM2 Edition2 QC reports for a second time constant study. The QC reports are for a month of data and are generated with an instrument thermal response that differs from our hard coded production parameters. Several new parameters were tried and some showed promise. (Szewczyk and Walikainen) Continuing to examine QC checker email generated during production. Including the Edition1-CV data products. (Walikainen) 	

Table 6: March 7, 2007 - Subsystem Issues and Status (2 of 4)

SS No.	SS Lead	Status	Problems
2.0	Walikainen (Cont'd)	<ul style="list-style-type: none"> Submitted results of a LW perturbation study to the science team. The static total channel spectral response function was changed for two cases. These were then processed to create altered nadir files. (Walikainen) Continuing to inspect ERBE-like Aqua and Terra output plots and QC reports on the Web. (Walikainen) 	
3.0	Walikainen	Combined with above.	
4.1	Sun-Mack	<ul style="list-style-type: none"> Working on transitioning offline scripts to run on /CERES/clouds-san. (Brown) Working on implementing NASA(USA.gov) Web footer into Web scripts. CWG Main Web pages were updated to use the new Web footer. (Brown) Worked on 1.6/2.1 retrieval. (Sun-Mack) Worked on MOD06/CERES comparisons. (Chen, Sun-Mack). Worked on setting up for GEOS5 processing, including code testing and validation runs. (Sun-Mack). 	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	
4.4	Miller	<ul style="list-style-type: none"> Completed comparison of ValR2OS(2/3) data with Terra Edition2-QC or Aqua Edition1A respectively. (Miller) Modified IES module test software to determine Terra MODIS granules that are used during the March 29, 2006 solar eclipse. (Miller) Setup for GEOS5 comparison run using Terra data. (Miller) Migration of data and code to the SAN continued. (Miller) Started testing utilities on Macintosh system. (Miller) 	

Table 6: March 7, 2007 - Subsystem Issues and Status (3 of 4)

SS No.	SS Lead	Status	Problems
4.5	Sothcott	<ul style="list-style-type: none"> • Attended weekly SOFA working group meetings. (Sothcott) • Completed testing of LWB algorithm update and provided results to the SOFA group. (Sothcott) • Completed Lines of Code calculations for Inversion subsystem. (Sothcott) • In Support of CM: Updated Lines of Code script adding additional PGEs and resolving blank lines issues. (Sothcott) • Supported all subsystems in their Lines of Code calculations. (Sothcott) 	
4.6	Sothcott	Combined with above.	
5.0	Coleman	<ul style="list-style-type: none"> • Began work on software to produce the Aqua2B CRS dataset. (Caldwell) 	
7.2	Coleman	<ul style="list-style-type: none"> • No new updates. 	
12.0	Coleman	<ul style="list-style-type: none"> • Generated GEOS-5 based MOA files for 12 seasonal days. (Caldwell) • Generating prototype 1/2-deg MOA files from GEOS-4 data and plotting results. Working out glitches. (Caldwell) 	
7.1	Nguyen	<ul style="list-style-type: none"> • No new updates. 	
8.0	Nguyen	<ul style="list-style-type: none"> • Delivered code and documentations to CM. (Nguyen) • Updated code to remove TOA albedos from SYN, AVG and ZAVG. (Nguyen) • Updated PGE 8.2 code to replace albedo with Tuned Total-Sky SW Down values in net SW flux calculations. Processed 07/02 data and generated plots for Dave Doelling. Completed PGE 8.2 delivery to CERES CM. (Raju, Beth Flug) 	

Table 6: March 7, 2007 - Subsystem Issues and Status (4 of 4)

SS No.	SS Lead	Status	Problems
10.0	Nguyen	<ul style="list-style-type: none"> Converting code for CER10.1P4 and CER10.1P5 to work on the <i>corregidor</i>. Debugging code to search for the cause of the differences between SGI and IBM results. (Nguyen) Found the cause of the difference in the LW model B surface fluxes. (Nguyen) Updating code to produce SRBAVGs and daily SRBAVGs and to eliminate ISCCP data. (Nguyen) Delivered the check GGEO script to CM. (Nguyen) Ran March 2000 SRBAVGs with 1-hourly and 3-hourly GGEOs for Dave Doelling to analyze. (Nguyen) 	
6.0	Raju	<ul style="list-style-type: none"> Verified FM1, FM2 ValR2OS FSW-HR production files and found no problems. (Raju) 	
9.0	Raju	<ul style="list-style-type: none"> Verified ValR2OS PMOA production files and found no problems. (Raju) Verified Terra, Aqua ValR2OS SFC-HR production files and found no problems. (Raju) Started looking into the environment variables to find the reason for the post processor failed jobs at the production. (Raju) 	
11.0	Raju	<ul style="list-style-type: none"> Started working on the main processor code to prepare for the PGE delivery in April. (Raju) 	
CERESlib Coleman/Zentz		<ul style="list-style-type: none"> Updating SCF version of CERESlib with MOA_IO that can interface with GEOS-5 based MOA. (Caldwell, Zentz). 	