August 11, 2004 - System Issues and Status

Table 1: Process Strategy/Geier as of 08/11/04
Active Requests in order of priority (1 of 5)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 65-04	Terra	ValR5	SSF (SS4) Inversion	4.5-6.3P2 4.5-6.2P2 4.5-6.4P1	11/30/01 hr 12 to 1/1/02 hr 11 and 5/31/02 hr 12 to 7/1/02 hr 11	**HOLDING - waiting on code promotion.**
PR 64-04	Terra	ValR5	SFC (SS9)	9.2P1 9.3P1 9.4P1	11/30/01 hr 12 to 1/1/02 hr 11 and 5/31/02 hr 12 to 7/1/02 hr 11	**HOLDING - waiting on code delivery/ promotion and SSF availability.**
PR 67-04	Terra	ValR5	CRS (SS5)	5.0P1 5.1P1 5.4P1	11/30/01 hr 12 to 1/1/02 hr 11 and 5/31/02 hr 12 to 7/1/02 hr 11	**HOLDING - waiting on code promotion and SSF availability.** Process crosstrack Instrument only.
PR 66-04	Terra	ValR5	FSW (SS6)	6.1P1 6.2P1 6.3P1	11/30/01 hr 12 to 1/1/02 hr 11 and 5/31/02 hr 12 to 7/1/02 hr 11	**HOLDING - waiting on code delivery/ promotion and CRS availability.**
PR 77-04 to 80-04	Terra	ValR4	BDS/ ERBElike (SS1-3)	1.3P3 1.2P1 2.4P1 2.2P1 2.3P1 2.3P2	1/31/04 to 3/1/04 and 4/10/04 to 4/15/04	**HOLDING - waiting for Gains and SRF to deliver/promote.**
PR 75-04 to 76-04	Terra	ValR4	BDS/ ERBElike (SS1-3)	3.1P1 3.2P1	2/04	**HOLDING - waiting for Gains and SRF to deliver/promote and ValR4 ES8 to run.**
PR 70-04	Aqua	ValR2	SSF (SS4) Clouds	4.1-4.1P3 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1	7/2/02 to 7/28/02 and 12/1/02 to 1/1/03 hr 11	**HOLDING - waiting on delivery/promo-tion of Clouds.**

Table 1: Process Strategy/Geier as of 08/11/04
Active Requests in order of priority (2 of 5)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 69-04	Aqua	ValR2	SSF (SS4) Inversion	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	7/2/02 to 7/28/02 and 12/1/02 to 1/1/03 hr 11	**HOLDING - waiting on ValR2 Cloud processing.**
PR 58-04	Aqua	ValR2	SFC (SS9)	9.2P1 9.3P1 9.4P1	7/2/02 to 7/28/02 and 12/1/02 to 1/1/03 hr 11	**HOLDING - waiting on code to deliver/ promote and ValR2 SSF.**
PR 74-04	Terra	Edition2B	SSF (SS4) Inversion	4.5-6.3P2 4.5-6.2P2 4.5-6.4P1	3/00 - 2/03	**HOLDING - waiting on ValR5 to be approved.**
PR 73-04	Terra	Edition2B	SFC (SS9)	9.2P1 9.3P1 9.4P1	3/00 - 2/03	**HOLDING - waiting on ValR2 approval from TISA.**
PR 72-04	Terra	Edition2B	CRS (SS5)	5.0P1 5.1P1 5.4P1	1 year (exact months not known)	**HOLDING - waiting on code to promote and SSF availability.** Process crosstrack Instrument only.
PR 71-04	Terra	Edition2B	FSW (SS6)	6.1P1 6.2P1 6.3P1	1 year (exact months not known)	**HOLDING - waiting on CRS availability.**
PR 61-04	Aqua	Edition1A	SSF (SS4) Clouds	4.1-4.1P3 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1	7/02 - 6/03	**HOLDING - waiting ValR2 approval from Clouds.**
PR 60-04	Aqua	Edition1A	SSF (SS4) Inversion	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	7/02 - 6/03	**HOLDING - waiting on Edition1 Cloud processing.**
PR 59-04	Aqua	Edition1A	SFC (SS9)	9.2P1 9.3P1 9.4P1	7/02 - 6/03	**HOLDING - waiting on ValR2 approval from TISA.**

Table 1: Process Strategy/Geier as of 08/11/04
Active Requests in order of priority (3 of 5)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
Standing requests AM-PR 1-00 to 7-00	Terra	Edition1	BDS/ ERBElike (SS1-3)	1.1P3 1.2P1 1.3P1 1.3P2 2.1P1 2.2P1 2.3P1 2.3P2 3.1P1 ~~3.2P2~~	For 7/04 - present	**DO NOT PROCESS 7/04 until decision about what to do with bit-flip made.** DO NOT PROCESS 3.2P2 - it is on hold.
Standing requests PM-PR 7-03A to 10-03	Aqua	Edition1	BDS/ ERBElike (SS1-3)	1.1P5 1.2P1 1.3P1 1.3P2 2.2P1 2.3P1 2.3P2 3.1P1 ~~3.2P2~~	For 8/04 - present	DO NOT PROCESS 3.2P2 - it is on hold.
Standing requests AM-PR 8A-02 to 11-02	Terra	Edition2	BDS/ ERBElike (SS1-3)	1.2P1 1.3P3 2.2P1 2.3P1 2.3P2 2.4P1 3.1P1 ~~3.2P2~~	For 1/04 - present	**HOLDING - waiting for Aqua Gains and SRF to be delivered and associated ValRx to run.** DO NOT PROCESS 3.2P2 - it is on hold.
Standing requests PM-PR 11-03, 13-03 to 17-03	Aqua	Edition2	BDS/ ERBElike (SS1-3)	1.3P3 1.2P1 2.2P1 2.3P1 2.3P2 2.4P1 3.1P1 ~~3.2P2~~	For 3/04 - present	**HOLDING - waiting for Aqua Gains and SRF to be delivered and associated ValRx to run.** DO NOT PROCESS 3.2P2 - it is on hold.
Standing request PM-PR 12-03	Aqua/ Terra	Edition2	ES4/ES9 (SS3)	3.2P1	For 1/04 - present	**HOLDING - waiting for both Terra and Aqua to have processed Edition2 data beyond 1/04.**

Table 1: Process Strategy/Geier as of 08/11/04
Active Requests in order of priority (4 of 5)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 60-04, 61-04	Aqua	Edition1A	SSF (SS4)	4.1-4.1P3 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1 4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	7/03 - 12/03	**HOLDING - waiting on verification of ValR2.**
M-PR 3-02		NSIDC-NESDIS	EICE ESNOW (SS4.1)	4.1-4.0P1	Standing request	When FLASHflux starts operational processing need to keep snow/ice maps current.
PR 72-04	Terra	Edition2B	CRS (SS5)	5.0P1 5.1P1 5.4P1	3/00 - 2/03 remaining years	**HOLDING - waiting on code promotion and SSF availability.** Process crosstrack Instrument only.
PR 71-04	Terra	Edition2B	FSW (SS6)	6.1P1 6.2P1 6.3P1	3/00 - 2/03 remaining years	**HOLDING - waiting on CRS availability.**
PR 74-04	Terra	Edition2B	SSF (SS4) Inversion	4.5-6.3P2 4.5-6.2P2 4.5-6.4P1	3/03 - 12/03	**HOLDING - waiting on ValR5 to be approved.**
PR 73-04	Terra	Edition2B	SFC (SS9)	9.2P1 9.3P1 9.4P1	3/03 - 12/03	**HOLDING - waiting on ValR2 approval from TISA.**
M PR 2-04		GEOS4	MOA (SS12)	12.1P1	7/04 - present	
M PR 1-04		GEOS4	PMOA (SS9.1)	9.1P1	7/04 - present	
PR 63-04	Aqua	Beta1	CRS (SS5)	5.0P1 5.1P1 5.4P1	7/02 - 6/03	**HOLDING - waiting on code promotion and SSF availability.**
PR 62-04	Aqua	Beta1	FSW (SS6)	6.1P1 6.2P1 6.3P1	7/02 - 6/03	**HOLDING - waiting on CRS availability.**

Table 1: Process Strategy/Geier as of 08/11/04
Active Requests in order of priority (5 of 5)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 60-04, 61-04	Aqua	Edition1A	SSF (SS4)	4.1-4.1P3 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1 4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	1/04 - 6/04	**HOLDING - waiting on Cloud resolution and on IES availability.**
PR 72-04	Terra	Edition2B	CRS (SS5)	5.0P1 5.1P1 5.4P1	3/03 - 12/03	**HOLDING - waiting on code to promote and SSF availability.** Process crosstrack Instrument only.
PR 71-04	Terra	Edition2B	FSW (SS6)	6.1P1 6.2P1 6.3P1	3/03 - 12/03	**HOLDING - waiting on CRS availability.**

Table 2: Process Strategy/Geier as of 08/11/04
Coming Soon (1 of 2)

Active Month	Satellite	Processing Strategy	Data Product (SS#)	Data Dates	Comments
8/04	Terra	Beta2	Synoptic SARB (SS7.2)	3/00, 4/00, 1/01, 7/01, 10/01	8/6/04 delivery.
	TRMM	Beta3	Synoptic SARB (SS7.2)	9 months	8/6/04 delivery - lower priority than TRMM.
9/04	TRMM	Beta3	SYN/AVG/ ZAVG (SS8)	9 months	8/27/04 delivery.
	Terra	Beta2	SYN/AVG/ ZAVG (SS8)	3/00, 4/00, 1/01, 7/01, 10/01	8/27/04 delivery.
	Terra	ValR5	SRBAVG (SS10)	?? months	Delivery may or may not include GGEO inputs.
10/04	Terra	Edition2B	SRBAVG (SS10)	3/00 to 2/03	Delivery may or may not include GGEO inputs.
11/04		ValR11	GGEO (SS11)	3/03 to 6/03	Requires redelivery to handle GOES-9 and GOES-12; requires coefficients.
		Edition2A	GGEO (SS11)	3/03 to 6/03	ValR11 must be approved.
	Aqua	ValR1	SRBAVG (SS10)	?? months	Unknown delivery date; may require GGEO for 3/03 - 6/03.
	Aqua	Edition1A	SRBAVG (SS10)	7/02 - 6/03	Unknown delivery date; requires GGEO for 3/03 - 6/03.
12/04		ValR11	GGEO (SS11)	? months	7/03 - 6/04; requires coefficients.
		Edition2A	GGEO (SS11)	7/03 - 6/04	
	Aqua	Edition1A	SRBAVG (SS10)	7/03 - 6/04	
unkn	TRMM	Beta4	Synoptic SARB (SS7.2)	9 months	Not on Bruce's schedule.
	Terra	Beta3	Synoptic SARB (SS7.2)	12 months	Not on Bruce's schedule.
	TRMM	Beta4	SYN/AVG/ ZAVG (SS8)	9 months	Not on Bruce's schedule.

Table 2: Process Strategy/Geier as of 08/11/04
Coming Soon (2 of 2)

Active Month	Satellite	Processing Strategy	Data Product (SS#)	Data Dates	Comments
	Terra	Beta3	SYN/AVG/ ZAVG (SS8)	12 months	Not on Bruce's schedule.
	Aqua	Beta1	TSI (SS7.1)		Not on Bruce's schedule.
	Aqua	Beta1	Synoptic SARB (SS7.2)		Not on Bruce's schedule.
	Aqua	Beta1	SYN/AVG/ ZAVG (SS8)		Not on Bruce's schedule.

Table 3: August 11, 2004 - System Issues and Status

Activity	Lead	Status
CM	Ayers	• See Table 4 for the current CERES Subsystem Delivery Schedule. (Ayers) • See Table 5 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 5. (Ayers) • Tested the following subsystem deliveries and released them to the ASDC: CERESlib (SCCR 546), Inversion (SCCR 547), Instantaneous SARB (SCCR 541), and TISA Gridding (SCCR 548). (Ayers, Saunders) • Testing the Clouds delivery (SCCR 549). (Ayers) • Delivered the June 2004 Clouds S'COOL data file to the ASDC. (Saunders) • Updated the CERES Subsystem Delivery Schedule and posted it on the CERES CM Web site. (Ayers, Saunders)

Table 4: CERES Subsystem Delivery Schedule

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Delivery to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)
Clouds (SCCR 549)	August 2	August 6	August 13	Support Aqua Edition1A processing.		
Synoptic SARB (SCCR 550)	August 2	August 6	August 13	Support TRMM Beta3 and Terra Beta2 SYNI processing. Full delivery since the TRMM processing problem will also be corrected.	X	
Instrument	N/A	August 13	August 13	Terra gains files.		
ERBE-like	N/A	August 13	August 13	Terra spectral response function files.		
GGEO	August 6	August 20	August 27	Delivery to handle GOES-9 and GOES-12.		
TISA Averaging (Subsystem 8)	August 13	August 27	September 3	Support TRMM Beta3 and Terra Beta2 AVG, ZAVG, and SYN processing.		
TISA Averaging (Subsystem 10)	August/September			Support Terra Edition2A and Aqua Edition1A (maybe) SRBAVG processing.		
Clouds	??? (November)			Support TRMM VIRS-only processing from August 2001 through August 2002.		

Table 5: SCCR Activity July 25 at 3:30 p.m. - August 10 at 12:15 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
541			X			5		
544				X		5 & 7		
545				X		7.2		
546			X	X		CERESlib		
547			X	X		4.5 & 4.6		
548		X	X			6 & 9	11	
549	X	X				4.1 - 4.4	13	
550	X					7.2	15	

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: 07/27/2004 SCCR Number: 548

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
PGE CER9.2P1 PCF Preprocessor script was updated.

Reason for Change (non-Science):
To set previous data year variable correctly to handle overlap hour process.

Affected PGEs : PGE CER9.2P1

Est. Time to Complete Changes: 1 day
Planned Delivery Date : Friday, July 30, 2004
Impact : Subsystem 9.0

Date: 07/27/2004 Status: SUBMITTED
Originator: RAJU, RAJA (SAIC)

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ADDITIONAL CHANGES TO SCCR NO. 548:
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Description of Change (Science):
Cloud amounts on each cloud layer are corrected for the cases where the hour is not clear and no cloud information is available on the footprints. MODIS Imager Channel 2 is set to 2.130 wave length.

Reason for Change (Science):
The cloud amounts are set to defaults to keep user from mistaking these data as being clear. The imager channel wave lengths on SFC/ FSW products are to be consistent with the channel wave lengths on SSF product.

Description of Change (non-Science):
N/A

Reason for Change (non-Science):
N/A

Affected PGEs : CER6.1P1, CER9.2P1

Est. Time to Complete Changes: 1 week
Planned Delivery Date : Friday, August 6, 2004
Impact : TISA Subsystems

Date & Time: 2004-08-03 07:50:08
Originator: RAJU, RAJA (SAIC)

CERES Software Configuration Change Request Submittal
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Subsystem: Clouds SCCR Date: 08/02/2004 SCCR Number: 549

Description of Change (Science):
CER4.1-4.1P3: Retrieval
(1) After validation of Aqua-MODIS ValR1, it was discovered that water droplets were too large over northern Mongolia. Cloud Phase Algorithm was modified to have a more accurate cloud phase selection.

Reason for Change (Science):
CER4.1-4.1P3: Retrieval
(1) To have a more accurate cloud phase selection.

Description of Change (non-Science):
N/A

Reason for Change (non-Science):
N/A

Affected PGEs : CER4.1-4.1P3

Est. Time to Complete Changes: one week
Planned Delivery Date : August 6, 2004
Impact : Clouds

Date: 08/02/2004 Status: SUBMITTED
Originator: SUN-MACK, SUNNY (SAIC)

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ADDITIONAL CHANGES TO SCCR NO. 549:
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Description of Change (Science):
The Snow/Ice percent coverage from vis albedo (SSF-30) now includes permanent snow.

Reason for Change (Science):
The snow albedo is too large to pass the sigma test used for other land types.

Description of Change (non-Science):
None

Reason for Change (non-Science):
N/A

Affected PGEs : CER4.1-4.1P3

Est. Time to Complete Changes: One Day
Planned Delivery Date : August 6, 2004
Impact : Aqua Edition1

Date & Time: 2004-08-02 12:20:23
Originator: MILLER, WALTER F. (SAIC)

CERES Software Configuration Change Request Submittal
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Subsystem: SynSARB SCCR Date & TIME: 2004-08-07 14:10:23 SCCR No.: 550

Description of Change (Science):
1. Addition of a monthly ancillary input data file based on the Cloud WG CRH daily overhead sun TOA albedo at 0.63 and 1.6 micron, data from the daily snow and ice percentage maps, Z. Jin's surface albedo lookup table files for ocean, and the monthly surface albedo history map data that is time interpolated.
2. Addition of writing UV-A and UV-B flux data to the SYNI output file.
3. Applied correction factor that is a function of solar zenith angle, wind speed, and precipitable water (Z. Jin, COART) to the modeled SW TOA and surface pristine fluxes.
4. Added use of a high resolution chlorophyll climatology obtained from SEAWIFS.

Reason for Change (Science):
1. This monthly product is one of the inputs for the SYN surface properties module that produces gridded spectral surface properties.
2. The capability to calculate data now exists.
3. Fine tuning results
4. Chlorophyll information is used in determining ocean albedo.

Description of Change (non-Science):
1. Added logic to not process regions where the input cloud properties and fluxes are deemed inconsistent for SARB purposes.

Reason for Change (non-Science):
1. Processing such regions yields unpreferred SARB results.

Affected PGEs : PGE CER7.2.1P1

Est. Time to Complete Changes: 3 months
Planned Delivery Date : 7/10/04
Impact : CERES Subsystem 8

Originator: COLEMAN, LISA H. (SAIC)

Table 6: August 11, 2004 - Subsystem Issues and Status (1 of 5)

SS No.	SS Lead	Status	Problems
1.0	Cooper	• Continued tracking receipt of Aqua and Terra data at the ASDC. (Cooper, Snyder) • Spreadsheet to track all changes in Instrument subsystem data completed. Data for ES8Ns added as available. (Cooper) • Worked with Stephanie Caggiano of Calipso to get an idea of what would need to be done to hook up to the framework. Changes to the framework will be required to support instrument, although changes needed to the input area appear to be minor. The HDF output changes are a bit more involved, but have not been looked at in great detail at this point. (Cooper) • A bit-flip in the elevation angle data has showed up 3 times in the spaceclamp region of the scan, causing a fatal error during processing at the ASDC of Terra data. Testing is currently being done to determine the proper fix for this problem. Also, investigating if this is a bigger problem with the instruments on Terra. (Cooper, Hess, Walikainen) • Looking at anomalies in the validation plots to determine if the anomalies are due to software updates or problems with the CERES data. At this point, it has been determined that several of the anomalies are a result of software updates and no further action is required. (Cooper, Walikainen) • The paper titled "Comparison of CERES instruments aboard of Terra and Aqua satellites" by Szewczyk, Smith, and Priestley will be published in the JGR. (Szewczyk) • Relative azimuth prediction code has been enhanced to produce a true along-track scan as requested by Lopez, Spain, and Viollier, France. Data collection with FM2 is to be done on 08/16. (Szewczyk)	

Table 6: August 11, 2004 - Subsystem Issues and Status (2 of 5)

SS No.	SS Lead	Status	Problems
2.0	Walikainen	• Continuing to examine the production email generated by the QC checker software. (Walikainen) • Continuing to inspect ERBE-like Aqua and Terra output plots and QC reports on the Web. (Walikainen) • Continuing analysis for SRFs, Terra Jan04-May04. (Walikainen) • Produced global mean SW and LW fluxes with viewing zeniths less than 65 degrees. Hopefully, these will allow Dave Young to reconcile differences with SSF fluxes. (Walikainen) • Updating Description Abstracts. (Kizer) • Vacationing in Wisconsin, Aug. 10-18. (Walikainen)	
3.0	Walikainen	Combined with above.	
4.1	Sun-Mack	• Processed CloudVis images for TRMM Edition2 and TRMM Edition2_VIRSonly from January 2001 through July 2001 for the following regions: ARM Site Oklahoma, San Nicolas Island, and Bermuda were generated and posted on the Web. CloudVis images for Terra Edition2-QC data for the Marie Byrd Land site from August 2003 through December 2003 and for December 2003 for regions including: Ny Alesund, Spitsbergen; Syowa, Antarctica; and Georg Von Neumayer, Antarctica were generated and posted on the Web. CloudVis images for Aqua MODIS ValR1 data for July and December 2002 were generated and posted on the web for several subset regions. (R. Brown) • QC global images and statistics were generated and posted on the web for Aqua ValR1 offline validation for 20021207. (R. Brown) • Worked on Aqua Edition1 Algorithm implementation, testing, validation, and Delivery for SCCR#549. (R. Brown, Sun-Mack) • Worked on AMS 2004 extended abstract. (Chen, Sun-Mack)	
4.2	Sun-Mack	Combined with above.	

Table 6: August 11, 2004 - Subsystem Issues and Status (3 of 5)

SS No.	SS Lead	Status	Problems
4.3	Sun-Mack	Combined with above.	
4.4	Miller	• The Daily QC files for the four years of Terra data were created for both instruments. (Miller) • The CERES Broadband vs. MODIS Narrowband regressions were calculated for the Terra Edition2A data. Various approaches to trending of the CERES SW vs. MODIS 0.64 channel data was performed. Information was provided Dr. Wielicki, RAB, for Earth Shine discussions. (Miller) • Reviewed ASDC product web site and provided comments. (Miller) • Identified changed for the clouds delivery. (Miller)	
4.5	Nolan	• Scott Zentz has taken over Aaron Hoppe's work on PGE CER4.5-6.6P2. Testing continued. (Zentz) • Created and tested tar files for PGEs CER4.5-6.1P2 and CER4.5-6.3P2 and delivered them to CERES CM on July 29, 2004. (Nolan) • Modified subset PGE CER4.5-6.2P2 to correct problem that occurred for leap year dates. initiated testing. (Nolan) • Met with Tammy, Erika and ASDC personnel on August 5, 2004 to discuss Inversion CCodes and QC file designations. It was decided that all Inversion Terra and Aqua main and alternate processors will use output CCode CC4_5 and that GQCI output files will be archived. The Inversion Operator's manual was updated to reflect these changes and was submitted to CERES documentation. (Nolan)	
4.6	Nolan	Combined with above.	
5.0	Coleman	• Processing selected March 2000 and March 2003 days at the SCF to assist in evaluation of drift in support of Bruce Wielicki and Tom Charlock at the upcoming International Radiation Symposium in Korea. (Caldwell)	

Table 6: August 11, 2004 - Subsystem Issues and Status (4 of 5)

SS No.	SS Lead	Status	Problems
7.2	Coleman	• Added logic to not process selected input records. (Zentz) • Preparing to deliver PGE CER7.2.1P1. (Zentz, Caldwell, Coleman)	
12.0	Coleman	• No new updates.	
7.1	Nguyen	• No new updates.	
8.0	Nguyen	• No new updates.	
10.0	Nguyen	• No new updates.	
6.0	Raju	• PGE CER6.1P1 was tested with updated code at the SCF and the PGE was delivered to CERES CM. (Raju)	
9.0	Raju	• PGE CER9.2P1 was tested with updated code at the SCF and the test results were verified with Dave Young. The PGE was delivered to CERES CM. (Raju) • Operator's manual was updated. (Raju)	
11.0	Stassi	• While investigating the lib-4211 error, SGI found an uninitialized memory read in the compiler. They corrected the compiler and sent a new dynamic libfortran.so file for testing the GGEO subsystem. The lib-4211 error did not reappear during the testing. This is encouraging though it does not conclusively prove that the problem is solved. (Stassi) • The April 2003 data was processed at the SCF for all available satellites. This is the first month for which we have data from GOES-12. The GOES-10 data was processed using the CSU satellite-specific infrared conversion coefficients, rather than the slightly different CSU default values which were used for GOES-12 and in all previous GOES-10 processing. The Web plots of the data looked reasonable for all satellites. (Stassi)	

Table 6: August 11, 2004 - Subsystem Issues and Status (5 of 5)

SS No.	SS Lead	Status	Problems
11.0	Stassi (Cont'd)	• After the April 2003 processing was complete, Tak found a NOAA Web site which listed the satellite-specific conversion coefficients for all the GOES satellites, including GOES-12. New coefficients for the code were derived from these values for GOES-8, -9, -10, and -12. The values for GOES-8, -9, and -10 were close but slightly different than the values listed on the CSU CIRA Web site. CSU does not yet list any values for GOES-12. (Stassi)	
CERESlib Stassi/Ayers		• The CERESlib version with updated intsyn_io.f90 and sarb_params.f90 files was delivered to CM. (Stassi)	The secure copy command (scp) does not work from thunder to *warlock*.