

December 12, 2007 - System Issues and Status

Table 1: Process Strategy/Geier as of 12/12/07
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 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.
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 74-07 to 76-07	FM2	Edition2B	SARB (SS5)	5.0P1 5.1P1 5.4P1	12/31/05 - 3/1/06	Terra CRS approved 8/2/07.

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 72-07	FM2	Edition2C	TISAgriid (SS6)	6.1P1 6.2P1 6.3P1	12/31/05 - 3/1/06	
PR 77-07 to 79-07	FM1	Edition2B	SARB (SS5)	5.0P1 5.1P1 5.4P1	3/06 - 6/06	Terra CRS approved 8/2/07.
PR 73-07	FM1	Edition2C	TISAgriid (SS6)	6.1P1 6.2P1 6.3P1	3/06 - 6/06	
PR 80-07	FM3	Edition2B	TISAgriid (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	Processing
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	Processing
PR 90-07	FM1, FM2	Edition2F	TISA grid (SS9)	9.2P1 9.3P1 9.4P1	5/06 - 12/06	Processing
PR 125-07	FM3, FM4	Edition2A	TISA avg (SS10)	10.1P5 10.1P4	7/02 – 3/05	
PR 124-07	FM3	Edition2A	TISA avg (SS10)	10.1P5 10.1P4	4/05 – 10/05	
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	TISAgriid (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	

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
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.
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. December 12, 2007 - 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)• Converted the Delivery Memos and Delivery Memo template from FrameMaker to Word. After review and minor modifications the memos and template were posted on the Web. (Saunders, Ayers)• Began converting the DPC sections 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 - December 2007
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)
SARB	Fall			MATCH (collection 5) data files for May - December 2006.			<i>warlock & magneto</i>
TISA Averaging (SCCR 660)	September 28	December 14	December 21	To support Terra Beta4 and Aqua Beta1 TSI processing.			<i>warlock</i>
CERESlib	December 7	December 21	December 28	New ADACOMP environment variable. MOA and Synoptic SARB modifications.			<i>warlock & magneto</i>
Synoptic SARB (SCCR 663)	December 7	December 21	December 28	To support Terra Beta4 and Aqua Beta1 SYNI processing.	X		<i>warlock & magneto</i>
Instrument (SCCR 610)	November 23	December 7	December 14	To allow processing of both Edition2 and Edition3 data through PGE CER1.3P3	X		<i>warlock</i>
Clouds (SCCR 658)	December 21	January 4	January 11	Terra/Aqua Beta1 Edition3 SSF processing.			<i>warlock</i>
CERESlib	January 4	January 18	January 25	Updated SW & LW models. New LW Model C and constrained temperature modules.			<i>warlock & magneto</i>
Inversion	January 4	January 18	January 25	Terra/Aqua Beta1 Edition3 SSF processing.	X		<i>warlock & magneto</i>

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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		January 2008		To support Terra Beta4 and Aqua Beta1 AVG, ZAVG, and SYN processing.			<i>warlock</i>
TISA Averaging (SCCR 650)		February 2008		Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing.		X	<i>warlock & magneto</i>
TISA Gridding		March 2008		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. PGE CER9.0P1.		X	<i>warlock</i>
GGEO (SCCR 653)		April 2008		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</i>
GGEO		Spring 2008		Support Beta1 processing of new ISCCP- like, crosstrack-only, GEO data product based on GGEO. Product name: CER_ISCCP- D2like_GEO_CC.YYYYMM. PGE CER11.0P1.		X	<i>warlock</i>

Table 3. CERES Subsystem Delivery Schedule - December 2007
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)
Clouds		Spring 2008		Support TRMM VIRS-only processing of August 2001 forward.			<i>warlock</i>
Inversion		Two to four weeks after Clouds		Support TRMM VIRS-only processing.			<i>warlock</i>
SARB		???		MATCH (collection 5) data files for January - June 2007.			<i>warlock & magneto</i>
Instrument (SCCR 641)		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing.			<i>warlock & magneto</i>
TISA Gridding		???		PMOA delta delivery dealing with overlap file checking.			<i>warlock</i>
Regrid MOA		???		To process the G5 CERES data that will be coming to support Edition3.			<i>warlock & magneto</i>
SARB		???		Delta delivery for renamed MATCH files to differentiate between Collection 4-based MATCH files and Collection 5-based MATCH files.			<i>warlock & magneto</i>

Table 4. CERES Coefficients Delivery Schedule - November 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 2008		Terra Edition3 gains and spectral response function files for February 2000 - June 2005.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	March 2008		Aqua Edition3 gains and spectral response function files for June 2002 - March 2005.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	Spring 2008		Terra and Aqua Edition2 gains and spectral response function files January - December 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 November 26 at 2:30 p.m. – December 10 at 3:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
662	X						9	
663	X	X					11	

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

CERES Software Configuration Change Request Submittal

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

Subsystem: SynSARB SCCR Date & TIME: 2007-11-30 15:50:37 SCCR No.: 662

Parameter Change: (X) YES () NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
(Req# 7.2-1.21)
Added new type Adj_QCFlags_SYN

(Req# 7.2-1.22)
Added header type for new SYNS output.

Reason for Change (non-Science):
(Req# 7.2-1.21)
New type prevents name change from affecting CRS products.

(Req# 7.2-1.22)
Header type allows easier retrieval of data.

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and
Description of Parameter Change:
(Req# 7.2-1.19)

Changed names and contents of SYNI variables:

ActFlx_Sfc_TotSky -> AOT_Match

ActFlx_Sfc_ClrSky -> SfcAlbHist

ActFlx_Sfc_PrsSky -> Radius_Snow

ActFlx_Sfc_CNASky -> UpUVB_TotSky

(Req# 7.2-1.21)

Changed name of Flag_SigTabConfig variable to Error_Code

Reason for Parameter Change:

(Req# 7.2-1.19)

New variables were requested by SARB group for diagnostics.

(Req# 7.2-1.21)

New name matches contents of variable.

Affected PGEs in this Subsystem:

7.2.1P1

Estimated Time to Complete Change : 1 week

Planned Delivery Date : December 7, 2007

List Affected Subsystems and PGE Names: PGE 8.1P1

Originator: CALDWELL, THOMAS E. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: SynSARB

SCCR Date: 11/30/2007

SCCR Number: 663

Parameter Change: (X) YES () NO

Description of Change (Science):

(Req# 7.2-1.14)

Using new surface albedo history map (SAH.v5.YYYYMM)

(Req# 7.2-1.15)

Edition3 daytime longwave correction implemented

(Req# 7.2-1.16)

Cloudy sky colorization look-up-table used in applying retrieved clear sky albedo to cloudy conditions

(Req# 7.2-1.17)

Zhuo Wang two parameter diurnal models for surface albedo implemented (IGBP 1-10 & 12)

(Req# 7.2-1.18)

Snow grain retrieval at CERES-only times whenever Snow > 90% of grid box.+Retrievals use Zhonghai Jin's snow spectral albedos coupled with FuLiou to produce look up table for snow grain size as a function of albedo, solar zenith angle, precipitable water, aerosol optical thickness, elevation and O3.

Spectral surface albedo for cloudy sky and other non-retrieval times use the latest snow grain retrieval in ZJin snow spectral albedo look up table. The older ASSALUT/SAH method is used as backup for invalid SGR.

(Req# 7.2-1.20)

Removed use of STOWE aerosols from aerosol hierarchy control file

Reason for Change (Science):

(Req# 7.2-1.14)

Improve retrieved surface albedo by inclusion of a weighting function using overhead sun,near nadir and low aerosol optical depths at a higher weighting.

Also, inclusion of monthly average snow/ice allows aperturbation method to be applied to use daily sea ice maps to give an estimate of daily surface albedo.

(Req# 7.2-1.15)

It was determined by SARB group that SYN should try to use REV1 SW TOA correction and make an attempt at longwave correction based on LW correction developed for Edition3.

(Req# 7.2-1.16)

Application of a broadband surface albedo retrieved from clear-sky conditions to cloudy sky conditions have a different spectral distribution, i.e., 'color' so a cloudy sky colorization table was added when adjusting an apriori surface albedo shape to cloudy sky conditions.

(Req# 7.2-1.17)

A recent paper from Zhuo Wang showed a better diurnal model could be fit to observed MODIS surface spectral albedos using this two parameter fit

(Req# 7.2-1.18)

A broadband clearsky retrieval over snow that retrieves snow grain size and its associated spectral albedo based on COART model calculations.

This method also allows a spectral surface albedo to be given at other non-retrieval SZAs by holding the grainsize constant, varying the SZA and using the given spectral albedos.
Out of range retrieved grainsizes use the Surface Albedo History maps as a backup

(Req# 7.2-1.20)

STOWE removed as only MODIS or MATCH were desired as sources

Description of Change (non-Science):

(Req# 7.2-1.22)

Addition of new output file: SYNS.+This represents a combined TSI/SYNI record only at specific locations designated by Science Team members.+This is different from the subset output which is produced at CERES validation regions.

Reason for Change (non-Science):

(Req# 7.2-1.22)

A small data volume subset of operational data over surface observation locations and as well a representative set of global grid boxes where no validation data were available was requested for quick analysis of results.

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

Parameter changes described in
SCCR 662

Reason for Parameter Change:

See SCCR 662 for parameter changes

Affected PGEs in this Subsystem:

PGE 7.2.1P1

Estimated Time to Complete Change : 1 week

Planned Delivery Date : December 7, 2007

List Affected Subsystems and PGE Names: PGE 8.1P1

Date: 11/30/2007 Status: Submitted

Originator: CALDWELL, THOMAS E. (SSAI)

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ADDITIONAL CHANGES TO SCCR NO. 663:

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Parameter Change: (X) YES () NO

Description of Change (Science):

Correction to (Req# 7.2-1.15)

An Edition3-like daytime longwave correction was implemented.

This is still an Edition2 PGE. REV1 shortwave TOA correction was also applied at TSI level to be used in SYNI.

Reason for Change (Science):

Correction to (Req# 7.2-1.15)

It was determined by SARB group that SYN should use REV1 shortwave TOA correction and longwave correction developed for Edition3.

Description of Change (non-Science):

N/A

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

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

Reason for Parameter Change:
Same as before

Affected PGEs in this Subsystem:
PGE 7.2.1P1

Estimated Time to Complete Change : 1 week
Planned Delivery Date : December 7, 2007
List Affected Subsystems and PGE Names: PGE 8.1P1

Date & Time: 2007-12-03 15:34:39

Originator: CALDWELL, THOMAS E. (SSAI)

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Parameter Change: () YES (X) NO

Description of Change (Science):
Req 7.2-1.15 does not require changes to Synoptic SARB subsystem.
Changes made to TSI product affect results of SYNI processing.

Reason for Change (Science):
N/A

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

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

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

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem:
PGE 7.2.1P1

Estimated Time to Complete Change : 1 week
Planned Delivery Date : December 7, 2007
List Affected Subsystems and PGE Names: PGE 8.1P1

Date & Time: 2007-12-05 10:47:44

Originator: CALDWELL, THOMAS E. (SSAI)

Table 6. December 12, 2007 - 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. On Dec. 2, 2007 an issue with the Aqua spacecraft caused issues with the GBAD data files used to create the Aqua attitude data. Data was delayed for several days while the team at GSFC worked through how to process this data. Data files began arriving again on Dec. 7, 2007, however, receipt of data is still slow. (Cooper, Snyder) The upcoming delivery of the Instrument Subsystem will be delayed until Jan. 2008. Moving the system to the new directory structure will require major updates to the current Test Plan, which is now in MS Word and also minor updates to the existing Ops Manual for directory updates. The Instrument Subsystem will be the first in the new directory structure and since it is coming earlier than Automation, a few retro-fits must be done to allow the subsystem to function in the existing data directory structure until the automation data directory structure is put into place. Currently all PGEs have been compiled successfully in the new directory structure. Tests run on CER1.1P3 are showing some minor differences in data values between the two directory structures; however, this may be an optimized vs non-optimized compilation issue. Working on determining the issue along with a couple of minor issues related to script updates. (Cooper) Working to help Susan Thomas work through portability issues for existing ground cal data software. Compiling and running code for her on the Intel-based iMac to flush out any possible issues on the Little-Endian platform. (Cooper) 	

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SS No.	SS Lead	Status	Problems
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 CER2.1P1, CER2.2P1 and CER2.4P1 and ran CER2.4P1. (Walikainen) Generated non-seasonal monthly spectral correction coefficients for Aqua Edition 3 beta9 testing. Now, the Science Team has the complete set (July 2002 - March 2005) required for their analysis. (Walikainen) Generated a new class of files for the Science Team. Hopefully, these files can be used as a three channel check for unfiltering. These files characterize the total channel regression. (Walikainen) Created a set of test SW unfiltering coefficients. We wish to determine how a gray scale change to the SW spectral response affects the unfiltering coefficients. This set is biased toward small drops (0.1%, 0.2%, 0.4%, 0.8%, 1.6% and 3.2%) in Edition1-CV FM2's SW spectral response. We hope the unfiltering coefficients show a simple (linear or quadratic) relationship to these drops. A simple relationship would make Edition3 analysis quicker. (Walikainen) 	
3.0	Walikainen (Cooper)	Combined with above.	

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SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> Working on developing a usable lapse rate approach. (Sun-Mack) Processing CloudVis images for Aqua Edition1B for regions 57 for 2006. (R. Brown). Continue to process CloudVis images for Terra Edition2-Qc for regions 33 and 36 for 2006. (R. Brown) Processed QC global images for Aqua Edition1B for 2006 and working on web script for displaying results. (R. Brown) 	
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"> Additional information added for QC to provide zonal information similar to clouds. (Miller) Continued validating Edition3 code. Issues in multilayer clouds when they are not present was resolved. Do not have a case yet with multilayer clouds. Still working issues in QC report. (Miller) Finished adding headers and footers to convolution Web pages. (Miller) Drafted C3M type defintion for discussion. (Miller) Discussed C3M data product issues with Fred and Sunny. Started strawman on processing strategy and naming convention. (Miller) 	
4.5	Sothcott	<ul style="list-style-type: none"> Attended weekly SOFA working group meetings. (Sothcott) Retrieved two months of Aqua Edition2B data from archive for both FM3 and FM4 for the ADM group. (Sothcott) Continued debugging and testing Edition3 Beta1 code in preparation for delivery. (Sothcott) 	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> Starting implementation of automation directory structure. (Caldwell) 	

Table 6. December 12, 2007 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> • Waiting science approval to deliver Synoptic (Caldwell). 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • No new updates. 	
7.1	Nguyen (Raju)	<ul style="list-style-type: none"> • Added the REV1 correction for clear-sky ocean. (Nguyen) • Updated the interpolation subroutine to correct errors. (Nguyen) • Added the check for available input files. (Nguyen) • Validating TOA LW and SW fluxes by using TSI for inputs to SYN/AVG/ZAVG and comparing the results with SRBAVG averages. (Nguyen) • Updating code to add the Aqua LW coefficient data. (Nguyen) • Preparing for the delivery. (Nguyen) 	
8.0	Nguyen (Raju)	<ul style="list-style-type: none"> • Ran January and July 2002 to write out the averages of the TOA fluxes for Dave Doelling to compare with the averages from SRBAVGs for TSI validation. (Nguyen) 	
10.0	Nguyen (Raju)	<ul style="list-style-type: none"> • No new updates. (Nguyen) 	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> • No new updates. (Raju) 	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> • Working on the FORTRAN 90 code to read SSF HDF product for Moguo. (Raju) 	

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SS No.	SS Lead	Status	Problems
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> • Ran selected hours of 11/05 GEO data for all 5 satellites through PGEs 11.1P10, 11.3P1, 11.4P1 and created match files for calibrations. (Raju) • Started getting selected hours of GEO images for months from 12/05 – 12/06 from archive to process data at SCF for creating match files for calibration coefficients. (Raju) • Started setting up the GGEO PGEs in new directory format. (Raju) • Attended Subsystem-specific CERES Automation meetings with ASDC personnel and discussed Gridding and GGEO process. (Raju) • Completed checking 10/07 real time MTSAT images. (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	Active	Y	Y	W	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	N	N	
	CER2.2P1	Active	N	Y	W	N	N	
	CER2.3P1	Active	N	Y	W	N	N	
	CER2.3P2	Active	N	Y	W	N	N	
	CER2.4P1	Active	N	Y	W	N	N	
ERBE-like - 3	CER3.1P1	Active	N	Y	W	N	N	
	CER3.2P1	Active	N	Y	W	N	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
	CER4.1-4.2P1	Active	Y	Y	W	Y	N	
	CER4.1-4.2P2	Active	Y	Y	W	Y	N	
	CER4.1-4.3P1	Active	Y	Y	W	Y	N	

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	
	CER4.5-6.2P1	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	
	CER4.5-6.3P1	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	
	CER4.5-6.6P2	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	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	W	Y	N	
	CER8.2P1	Active	Y	Y	W	Y	N	
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	CER11.0P1	Developing	Y	Y	Planning W, M ¹	Y	N	
	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	
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 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	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) ³	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	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"