

February 18, 2009 - System Issues and Status

Table 1: Process Strategy/Coleman as of 2/17/2009
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	
PRs 14-09 through 20-09	FM1, FM2, FM3, FM4	ValR12	BDS, ES-8, ES-4, ES-9	1.3P3, 1.2P1, 2.4P1, 2.2P1, 2.3P1, 2.3P2, 3.1P1	9/07, 5/08, 2/08	Process immediately upon delivery and promotion of gains and SRF.
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 4-09	FM1 or FM2	Edition2C	SYN/AVG /ZAVG	8.1P1	3/1/2000 – 10/31/05	Process 1 st 12 months, then do 1 st 12 month of PR 1-09.
PR 1-09	FM3 or FM4	Edition2B	SYN/AVG /ZAVG	8.1P1	7/1/2002 – 10/31/05	Process 1 st 12 months, then go back to PR 4-09.
PR 3-09	FM3 or FM4	Edition2	TSI	7.1.1P1	7/1/2002 – 10/31/05	Ready.
PR 2-09	FM3 or FM4	Edition2B	SYNI	7.2.1P1	7/1/2002 – 10/31/05	Ready.

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PR 6-09	FM1 or FM2	Edition2C	TSI	7.1.1P1	3/1/2000 – 10/31/05	Ready.
PR 5-09	FM1 or FM2	Edition2C	SYNI	7.2.1P1	3/1/2000 – 10/31/05	Ready.
PRs 21-09 through 28-09	FM1, FM2, FM3, FM4	Edition2	BDS, ES-8, ES-4, ES-9	2.4P1, 1.3P3, 1.2P1, 2.2P1, 2.3P1, 2.3P2, 3.1P1, 3.2P1	9/2/07 – 1/1/09	Pending promotion. Need to process 8/2/07 – 1/1/08 at high priority, then lower priority on 2008 dates.
PR 57-08	FM1, FM2	Edition2A-QC	SSFI Clouds	4.1-4.1P4 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	1/1/07 – 9/1/07 12/31/07	Extended to 12/31/07 Pending input
PR 56-08	FM1, FM2	Edition2F	SSF Inversion	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/1/07 – 9/1/07 12/31/07	Extended to 12/31/07 Pending input
PR 55-08	FM1, FM2	Edition2F	SFC TISA-Grid	9.2P1 9.3P1 9.4P1	12/31/06 hr 12 – 9/1/07 hr 11 1/1/08 hr 11	Extended to 12/31/07 Pending input
PR 54-08	FM1 V005 MOD08	Edition2F	CRS Inst SARB	5.0P1 5.1P1 5.4P1	1/1/07 – 8/31/07 12/31/07	Extended to 12/31/07 Pending Input
PR 53-08	FM1	Edition2F	FSW TISA-Grid	6.1P1 6.2P1 6.3P1	1/1/07 – 8/31/07 12/31/07	Extended to 12/31/07 Pending input
PR 84-08	FM1 or FM2	Beta1	ISCCP-D2like-Day/Nit	9.0P1	03/2000 – 08/2007 12/2007	Extended to 12/31/07
PR 33-09 (PR development in progress)	FM3, FM4	Edition1B	SSFI	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	9/1/07 – 12/31/07	Pending input
PR 32-09 (PR development in progress)	FM3, FM4	Edition2C/N oSW	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	9/1/07 – 12/31/07	Pending input
PR 31-09 (PR development in progress)	FM3, FM4	Edition2C/N oSW	SFC	9.2P1 9.3P1 9.4P1	9/1/07 – 12/31/07	Pending input
PR 30-09 (PR development in progress)	FM3	Edition2C	CRS	5.0P1 5.1P2 5.4P2	9/1/07 – 12/31/07	Pending input
PR 29-09 (PR development in progress)	FM3	Edition2C	FSW	6.1P1 6.2P1 6.3P1	9/1/07 – 12/31/07	Pending input

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 64-08	FM3, FM4	Edition1B- IGBP	SSFI Clouds	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	01/01/2004 – 12/31/2005	In Progress - IN THE BACKGROUND PRIORITY.
PR 63-08	FM3, FM4	Ed2C-MOD- C4-Land- IGBP	SSF Inversion	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	01/01/2004 – 12/31/2005	In Progress
PR13-09	CERES	DAO-G5- CERES	MOA	12.1P1	1/1/08 – 1/1/09	Pending input. HOLD 4/08 and forward
PR 12-09	CERES	DAO-G5- CERES	PMOA	9.1P1	1/08 – 12/08	
PR 7-09	FM1	ValR12	CRS Inst SARB	5.0P1 5.1P1 5.4P1	5/1/07 – 5/31/07	Pending promotion
PR development in progress	FM1, FM2, FM3, FM4	ValRx	SSF	Inversion delivery to <i>magneto</i>	8/07	Pending promotion
PR development in progress	FM1, FM2, FM3, FM4	ValRx	SSFI	Clouds delivery to <i>magneto</i>	8/07	Pending promotion
PR 11-09	FM3	ValR10	FSW TISA-Grid	6.1P1 6.2P1 6.3P1	6/30/07 – 8/1/07	Pending promotion
PR 10-09	FM3	ValR10	SFC TISA-Grid	9.2P1 9.3P1 9.4P1	6/30/07 – 8/1/07	Pending promotion
PR 09-09	FM1	ValR10	FSW TISA-Grid	6.1P1 6.2P1 6.3P1	4/30/07 – 6/1/07	Pending promotion
PR 08-09	FM1	ValR10	SFC TISA-Grid	9.2P1 9.3P1 9.4P1	4/30/07 – 6/1/07	Pending promotion

Table 2. February 18, 2009 - 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) • Inversion (SCCR 690) was successfully tested on <i>magneto-P4</i> released to the ASDC (2/3/09). (Ayers) • Instantaneous SARB (SCCR 694) was successfully installed, compiled, and tested on <i>magneto-P4</i> and released to the ASDC (2/5/09). (Ayers) • CERESlib (SCCR 697) was successfully installed, compiled, and tested on <i>magneto-P4</i> and released to the ASDC (2/5/09). (Ayers) • The SSF Sample Read package was delivered to the ASDC (2/5/09). (Ayers) • The TISA Gridding, Inversion, and Instantaneous SARB Test Plans and the Clouds Operator's Manual were updated, posted on the Web, and provided to the ASDC. (Saunders) • The File Management Policy was updated and posted on the Web. (Saunders) • The Clouds Test Plan was updated and provided to CM for use during testing. (Saunders) • The SYN, AVG, ZAVG, INSTR, and SSF Edition2 DPC sections were updated and posted on the Web. (Saunders) • The Instrument and Inversion Requirements Logs were updated and posted on the Web. (Saunders) • The CERES Subsystem and Coefficients Delivery Schedules were updated and posted on the Web. (Ayers, Saunders)

Table 3. CERES Subsystem Delivery Schedule – February 2009

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 (SCCR 693)	January 16	January 30	February 6	Terra and Aqua Edition2 on <i>magneto</i> .	X	X	<i>magneto-P4</i>
Instrument (698)	February 6	February 20	February 27	Initial delivery of RDR pre-processor code (PGE CER1.0P2).		X	<i>magneto-P4</i>
Regrid MOA	February 13	February 27	March 6	To process the G5 CERES data that will be coming to support Edition3 (PGE CER12.1P2).		X	<i>magneto-P4</i>
Instrument	February 27	March 13	March 20	NPP-enabled PGE CER1.1P7, possibly CER1.2P1 (preES-8).		X	<i>warlock</i>
ERBE-like (696)	March 13	March 27	April 3	To process everything including all of Edition3 on <i>magneto</i> .			<i>magneto-P4</i>
Instrument	March 20	April 3	April 10	NPP C++ Build 1 (CER1.1P8).		X	<i>magneto-P4</i>
TISA Averaging (SCCR 650)	Within four weeks of GGEO Beta10 delivery			Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing. New PGEs: CER10.0P1, CER10.0P2, & CER10.0P3.	X	X	<i>magneto-P4</i>
Clouds	April 17	May 1	May 8	Terra and Aqua Beta2-Edition3.			<i>magneto-P4</i>

Table 3. CERES Subsystem Delivery Schedule – February 2009

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	May 1	May 15	May 22	Terra and Aqua Beta2-Edition3.			<i>magneto-P4</i>
GGEO (SCCR 653)	Late Spring			Initial coefficient delivery for 11/05 - 8/07. Code delivery to support Beta10 GGEO processing. New PGE (CER11.1P11) to read BIU data.		X	<i>magneto-P4</i>
TISA Gridding	May 22	June 5	June 12	SFC Beta2-Edition3.			<i>magneto-P4</i>
TISA Averaging	June 26	July 10	July 17	SRBAVG Beta2-Edition3. Adding Model C surface fluxes and solar insolation.			<i>magneto-P4</i>
GGEO	Summer			New PGE 11.7P2 (?) for new ISCCP-D2-like-Merge (?) product. All ISCCP-D2-like HDF products will have the same format.		X	<i>magneto-P4</i>
TISA Gridding	Summer			Edition version of ISCCP-D2-like-Day/Nit. All ISCCP-D2-like HDF products will have the same format.			<i>magneto-P4</i>
GGEO	Summer			Edition version of ISCCP-D2-like-GEO. All ISCCP-D2-like HDF products will have the same format.			<i>magneto-P4</i>

Table 3. CERES Subsystem Delivery Schedule – February 2009

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		Late 2009		Terra and Aqua Edition3			<i>magneto-P4</i>
Inversion		Late 2009		Terra and Aqua Edition3			<i>magneto-P4</i>
TISA Gridding		January 2010		New PGE 9.0P2 (?) for new ISCCP-D2-like-Flux (?) product. All ISCCP-D2-like HDF products will have the same format.		X	<i>magneto-P4</i>
Clouds		???		Support TRMM VIRS-only processing of August 2001 forward.			<i>magneto-P4</i>
Inversion		Two to four weeks after Clouds		Support TRMM VIRS-only processing.			<i>magneto-P4</i>
Instrument (SCCR 641)		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	<i>magneto-P4</i>

Table 4. CERES Coefficients Delivery Schedule – February 2009

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 6		Edition2 gains and spectral response function files for September 2007 – December 2008.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	May		Terra and Aqua Edition3 gains and spectral response function files for Launch – December 2006. Might include TRMM, also.	<i>warlock/ magneto</i>
GGEO	???			Final coefficients for 11/05 - 08/07.	<i>warlock/ magneto</i>
Instrument/ ERBE-like	N/A	???		TRMM Edition3 gains and spectral response function files.	<i>warlock/ magneto</i>

Table 5. SCCR Activity February 3 at 3:00 p.m. – February 16 at 4:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
695			X			5.0		
696			X			2.0 & 3.0		
697			X			CERESlib		
699	X					4.6	9	
700	X				X	4.6		

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

CERES Software Configuration Change Request Submittal

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Subsystem: Inversion4.6 SCCR Date & TIME: 2009-02-04 12:56:22 SCCR No.: 699

Parameter Change: () YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
The 5 record SSF sample read package will be resubmitted for Aqua Ed2C-MOD-C4-Land-IGBP SSF's. This version contains no changes in SSF SDS names.

Reason for Change (non-Science):
Release of Aqua Ed2C-MOD-C4-Land-IGBP required a review of the read package and update of the readme.

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

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem:
N/A

Estimated Time to Complete Change: 2 Days
Planned Delivery Date: February 6, 2009
List Affected Subsystems and PGE Names: N/A

Originator: SOTHCOTT, VICTOR E. (SSAI)

Table 6. February 18, 2009 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Coleman Zentz	<ul style="list-style-type: none"> No report received. 	
1.0	Cooper (Walikainen)	<ul style="list-style-type: none"> Tracking of Terra/Aqua ingest continues. (Cooper, Snyder) New PGE numbers for the C++ code will track as follows to the existing PGEs: CER1.1P1/3/5 => CER1.1P8, CER1.2P1 remains the same, CER1.3P1 => CER1.4P1, CER1.3P2 => CER1.4P2 and CER1.3P3 => CER1.4P3. Also new Ada PGE CER1.1P7 will be delivered for NPP-FM5. (Cooper) The updated gain values for Edition2 are delayed while Kory does some extra studies. It appears that initial thoughts that the instruments do not degrade while in crosstrack may be incorrect. (Cooper) Testing of the Ada code on the x86 platform continues. All TRMM PGEs have been tested and CER1.1P3 for Terra-FM1 has been tested. All values are scientifically equivalent to values created from runs on <i>warlock</i>. QC flags still do not match, but they may require byte swapping on the x86 before they are written to match values from <i>warlock</i> runs. Only remaining problem is an issue with metadata not being written to the correct product. This issue will be looked into more closely once all of the PGEs have been thoroughly tested. (Chu, 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) Expanding Edition2 validation studies. With both Terra instruments in cross track, our direct compare is not sensitive enough to detect trends both instruments may have. Producing single instrument time series has issues to overcome : (a) removing bugs from scripts, and (b) correctly interpreting the results. (Walikainen) 	
3.0	Walikainen (Cooper)	Combined with above.	

Table 6. February 18, 2009 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Worked with CM Team on Clouds Delivery. (R. Brown, Miller) • Processed 200712 data for FLASHflux. Three different version of Aqua and Terra were processed and posted on the Web. (R. Brown) • Continued working on SSF QC processing for Terra and Aqua. (R. Brown, Chen) • Continued generating images for the Google Map tool from January, April, and July 2007 (completed all Thursday, Friday, and Saturday data available; now working on Wednesdays). (Heckert) • Google Earth curtain file: Resolved some issues with the latitude/longitude format, improved accuracy of the curtain by loading intermediate lat/lon points from the text file, developed checks to ensure that the images are being loaded onto their correct lat/lon on the globe. (Heckert) • Google Earth curtain: continuing to work on other issues (scale issues, labeling). (Heckert). • Modified and tested PGEs 1P6, 2P4, and 3P3 to include CO2 data in QC. (Smith). • Worked on 250 meter algorithm. (Sun-Mack). • Worked on A-Train recovery. (Sun-Mack) 	
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"> • Finalized Edition3 SSF Data Product Catalog. (Miller) • Compiled cloud retrieval on x86. (Miller) • Investigated calibration on Terra MODIS between 2006 and 2008. No sharp changes were seen in scaling factor. (Miller) • Seven and five hours failed for July and August 2007, respectively. Seg fault accounted for three failed hours, the remainder were missing IES. (Miller) 	

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SS No.	SS Lead	Status	Problems
4.5	Sothcott	<ul style="list-style-type: none"> • Attended weekly SOFA working group meetings. (Sothcott) • Cleaned up the Inversion working space on the XSAN. There were many duplicate directories with the /ASDC filesystem that have been removed and reorganized. This effort freed up almost half of the Inversion space on the XSAN. (Sothcott) • Cleaned up the Inversion CVS repository moving all of the old code and data to an "OLD" directory where it can be accessed without issue if needed. Updated the CVS repository with the latest Edition2 and Edition3 Beta1 deliveries. Currently testing to assure that all data was stored correctly. (Sothcott) • Updating the Inversion Test Plan with Directory Structure fixes for the Edition3 PGEs. (Sothcott) 	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • Fixed minor script issue with recent 5.0P1 delivery. (Caldwell). • Working on Edition3 CRS. (Caldwell). 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> • No new updates. 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • Working on Edition3 MOA delivery. (Caldwell) 	
7.1	Nguyen (Raju, Filer)	<ul style="list-style-type: none"> • No new updates. 	
8.0	Nguyen (Raju, Filer)	<ul style="list-style-type: none"> • Range checked 10 months of Edition2C Terra and 4 months of Edition2B Aqua SYN/AVG/ZAVG. Sent the report to Dave Doelling. (Nguyen) • Identified code errors in the adjusted temperature, optical depth and cloud fraction. (Nguyen) • Searching for the cause of high zonal standard deviation. (Nguyen) • Finished additional updates to SYN/AVG/ZAVG DPCs as per Dave Doelling's request. (Filer) 	

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10.0	Nguyen (Raju, Filer)	<ul style="list-style-type: none"> • Writing stand alone program to read Clarreo data and to get ADMs and fluxes for Dennis Keyes to use. (Nguyen) • From the global map of SW TOA fluxes, there are regions with no data in the polar areas. Planning to add solar incoming. (Nguyen) • Produced January 2006 and July 2007 SRBAVGs to support Dave Doelling to evaluating MTSAT. (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"> • Processed 01/98 – 08/98 TRMM data through PGE CER9.0P1 for Moguo Sun. (Raju) • Wrote a program to compare Julian time between Terra and Aqua SFC and write time and instrument information for Moguo Sun. Processed 07/06 data and provided outputs. (Raju) 	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> • Provided GGEO products generated at SCF to TISA averaging for validations. Received updated visible coefficients for MET-5 satellite. Processed months up to 12/06 and created match files. (Raju) • Received code from Dave Doelling to calculate visible radiance in relation to SZA for MTSAT 10-bit data processing. Implemented code in ggeo process and running July 2007 data. (Raju) • Met with ASDC personnel and TISA members to finalize the B1U data file setup and the pre-processor issues. (Raju) • Created two MTS1-B1U binary flat files for the comparisons with the MCDAS MTS1 data images. Work continued to create one month of B1U binary inputs to process through ggeo main processor. (Raju) 	
Special Development Corner		<ul style="list-style-type: none"> • No report received. 	

Table 1: PGE Current Events Status Table
 (Updated at team meeting, and therefore subject to the availability of team members at meeting)

Subsystem ID	PGE ID	Current PGE Production Status ¹	Scripts NOMAD compliant ? (Y/N)	New Directory Structure? (Y/N/InProg)	Prod. Platform (W, P4, P6, X86) ^{2,3}	TK ver15 Tested? (Y/N/InProg)	Op Man In Word? (Y, N, or Review)	Comments
Instrument - 1	CER1.0P1	Developing	Y	InProg	Planning P4, P6	N	N	
	CER1.0P2	Developing	Y	Y	Planning P4, P6	Y	Y	C++ RDR Pre-Processor
	CER1.1P1	Active	Y	Y	W, Planning X86	Y	Y	To be disabled when C++ working CER1.1P8
	CER1.1P2	Disabled	N/A	N/A	N/A	N/A	N/A	Remain disabled
	CER1.1P3	Active	Y	Y	W, Planning X86	Y	Y	To be disabled when C++ working CER1.1P8
	CER1.1P4	Disabled	N/A	N/A	N/A	N/A	N/A	Remain disabled
	CER1.1P5	Active	Y	Y	W, Planning X86	Y	Y	To be disabled when C++ working CER1.1P8
	CER1.1P6	Disabled	N/A	N/A	N/A	N/A	N/A	Remain disabled
	CER1.1P7	Developing	Y	Y	W, Planning X86	Y	Y	Ada NPP
	CER1.1P8	Developing	Y	Y	Planning P4, P6	Y	Y	C++ NPP, Terra, Aqua
	CER1.2P1	Active	Y	Y	W, Planning P4, P6, X86	Y	Y	C code
	CER1.3P1	Active	Y	Y	W ³	Y	Y	Replace with CER1.4P1 on P4, P6
	CER1.3P2	Active	Y	Y	W ³	Y	Y	Replace with CER1.4P2 on P4, P6
	CER1.3P3	Active	Y	Y	W ³	Y	Y	Replace with CER1.4P3 on P4, P6
	ERBE-like - 2	CER2.1P1	Active	N	InProg	W, Planning P4,P6	InProg	Y
CER2.2P1		Active	N	InProg	W, Planning P4,P6	InProg	Y	
CER2.3P1		Active	N	InProg	W, Planning P4,P6	InProg	Y	
CER2.3P2		Active	N	InProg	W, Planning P4,P6	InProg	Y	
CER2.4P1		Active	N	InProg	W, Planning P4,P6	InProg	Y	
ERBE-like - 3	CER3.1P1	Active	N	InProg	W, Planning P4,P6	InProg	Y	
	CER3.2P1	Active	N	InProg	W, Planning P4,P6	InProg	Y	
	CER3.2P2	Disabled	N/A	N/A	N/A	N/A	N/A	

Clouds	CER4.1-4.0P1	Active	Y	N/A	W ³	Y	Y	
4.1-4	CER4.1-4.0P2	Developing	Y	InProg	Planning P4,P6	Y	Y	
	CER4.1-4.1P1	Disabled	N/A	N/A	W	N/A	N/A	PCF script email / eos + operations and Sunny
	CER4.1-4.1P2	Active	N/A	N/A	W ³	N/A	Y	
	CER4.1-4.1P3	Active	N/A	N/A	W ³	N/A	Y	
	CER4.1-4.1P4	Active	Y	InProg	W, Planning P4,P6	Y	Y	PCF to eos operations
	CER4.1-4.1P5	Active	Y	InProg	W, Planning P4,P6	Y	Y	PCF to eos operations
	CER4.1-4.1P6	Developing	Y	InProg	W, Planning P4,P6	InProg	Y	
	CER4.1-4.2P1	Active	N/A	N/A	W ³	N/A	Y	
	CER4.1-4.2P2	Active	Y	InProg	W, Planning P4,P6	Y	Y	
	CER4.1-4.2P3	Active	Y	InProg	W, Planning P4,P6	Y	Y	
	CER4.1-4.2P4	Developing	Y	InProg	W, Planning P4,P6	InProg	Y	
	CER4.1-4.2P5	Developing	Y	InProg	W, Planning P4,P6	InProg	Y	
	CER4.1-4.3P1	Active	Y	N/A	W ³	N/A	Y	
	CER4.1-4.3P2	Active	Y	InProg	W, Planning P4,P6	N	Y	
	CER4.1-4.3P3	Developing	Y	InProg	W, Planning P4,P6	InProg	Y	
	CER4.1-4.4P1	Disabled	N/A	N/A	W	N/A	N/A	In Op Man, but not in FMP. Delete?
Inversion/SOFA	CER4.5-6.1P1	Disabled	N/A	N/A	N/A	N/A	Y	Probably not to be reactivated
4.5-6	CER4.5-6.1P2	Active	Y	Y	W, P4 ⁴ , Planning P6	Y	Y	
	CER4.5-6.1P3	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER4.5-6.1P4	Developing	Y	Y	W	Y	InProg	Terra Main Ed3 version of 1P2
	CER4.5-6.1P5	Developing	Y	Y	W	Y	InProg	Aqua Main Ed3 version of 1P3
	CER4.5-6.2P1	Disabled	N/A	N/A	N/A	N/A	Y	Probably not to be reactivated
	CER4.5-6.2P2	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER4.5-6.2P3	Developing	Y	Y	W	Y	InProg	Subset postprocessor for Terra and Aqua (Ed3 version of 2P2)
	CER4.5-6.3P1	Disabled	N/A	N/A	N/A	N/A	Y	Probably not to be reactivated

	CER4.5-6.3P2	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER4.5-6.3P3	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER4.5-6.4P1	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER4.5-6.4P2	Developing	Y	Y	W	Y	InProg	Monthly validation site (Ed3 for 4P1)
	CER4.5-6.6P2	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER4.5-6.6P3	Active	Y	Y	W, P4 ⁴ , Planning P6	Y	Y	
SARB - 5	CER5.0P1	Active	Y	Y	W, P4, Planning P6	Y	Y	
	CER5.1P1	SSI&T	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER5.1P2	Active	N	InProg	P4, Planning P6	Y	Y	
	CER5.2P1	Deleted	N/A	N/A	N/A	Y	N/A	
	CER5.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER5.4P1	SSI&T	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER5.4P2	Active	N	InProg	P4, Planning P6	Y	Y	
TISA Grid - 6	CER6.1P1	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER6.2P1	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER6.3P1	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	
TISA Avg - 7.1	CER7.1.1P1	Active	Y	Y	W, P4, Planning P6	Y	Y	
SARB - 7.2	CER7.2.1P1	Active	N	N	W, P4, Planning P6	Y	Y	
TISA Avg - 8	CER8.1P1	Active	Y	Y	W, P4, Planning P6	Y	Y	
	CER8.2P1	Deleted	N/A	N/A	N/A	N/A	N/A	Merged with CER8.1P1
TISA Grid - 9	CER9.0P1	Active	Y	Y	W, P4, Planning P6	Y	Y	
	CER9.1P1	Active	Y	Y	W, P4, Planning P6	Y	Y	
	CER9.2P1	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER9.3P1	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	
	CER9.4P1	Active	Y	Y	W, P4 ⁴ , Planning	Y	Y	

TISA Avg - 10	CER10.0P1	Developing	Y	Y	Planning P4, P6	Y	Y	
	CER10.0P2	Developing	Y	Y	Planning P4, P6	Y	Y	
	CER10.1P1	Disabled	Y	N/A	W	N/A	N/A	Replace with CER10.0P2
	CER10.1P2	Disabled	Y	N/A	W	N/A	N/A	Replace with CER10.0P1
	CER10.2P1	Deleted	Y	N/A	W	N/A	N/A	
	CER10.3P1	Deleted	Y	N/A	W	N/A	N/A	
	CER10.1P3	Disabled	Y	N/A	W	N/A	N/A	
	CER10.1P4	Disabled	Y	N/A	W	N/A	N/A	Replace with CER10.0P2 for Terra
	CER10.1P5	Disabled	Y	N/A	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	InProg	W, Planning P4,P6	Y	Y	
	CER11.2P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.2P2	Active	Y	InProg	W, Planning P4,P6	Y	Y	TK is OK
	CER11.3P1	Disabled	N/A	N/A	N/A	N/A	N/A	
	CER11.4P1	Active	Y	InProg	W, Planning P4,P6	Y	Y	
	CER11.5P1	Deleted	N/A	N/A	N/A	N/A	N/A	
	CER11.6P1	Active	Y	InProg	W, Planning P4,P6	N	Y	If TK OK for 11.2P2, this one probably okay
	CER11.7P1	Active	Y	Y	P4, Planning P6	Y	Y	
Regrid MOA -12	CER12.1P1	Active	Y	Y	W, P4, Planning P6	Y	Y	

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
	SSI&T	PGE delivered and in SSI&T testing prior to operational processing
² Prod. Platform	W	warlock
	P4	Magneto - IBM P4
	P6	Magneto - IBM P6
	X86	Magneto - IBM X86
³ Prod. Platform	W	If no other platform is indicated, then the associated PGE will be deleted once warlock is removed. Replacement PGEs on other platforms will have a new PGE identifying number and a separate entry in spreadsheet.
⁴ Prod. Platform	P4	Software delivered to platform and undergoing routine SSI&T testing. Not yet promoted to full production status on the platform.

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
BDS	Instrument	Archival	N
ES-8	ERBE-like	Archival	N
ES-9	ERBE-like	Archival	N
ES-4	ERBE-like	Archival	N
SSF	Inversion	Archival	Y
CRS	SARB	Archival	N
FSW	TISA-Gridding	Archival	N

SYN	TISA-Averaging	Archival	Y
AVG	TISA-Averaging	Archival	Y
ZAVG	TISA-Averaging	Archival	Y
SFC	TISA-Gridding	Archival	N
SRBAVG	TISA-Averaging	Archival	Y
ISCCP-D2like-Day/Nit	TISA-Gridding	Archival	Y
ISCCP-D2like-GEO	TISA-GGEO	Archival	Y
INSTR	Instrument	Internal	N/A
IES	Instrument	Internal	N/A
EID-6	ERBE-like	Internal	N/A
CRH	Clouds	Internal	N/A
GGEO	TISA	Internal	N/A
MOA	SARB	Internal	N/A
CID-VIRS	Clouds	Ext. Input	N/A
CID-MODIS	Clouds	Ext. Input	N/A
SURFMAP	Clouds	Ext. Input	N/A
GEO	TISA	Ext. Input	N/A
APD	SARB	Ext. Input	N/A
GAP	SARB	Ext. Input	N/A
MWH	SARB	Ext. Input	N/A
OPD	SARB	Ext. Input	N/A

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
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Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
1/6/2009	CER4.1-4.0P2	New PGE entry into chart
	CER4.1-4.0P1, CER4.1-4.1P2-6, CER4.1-	Changed Op Man in Word column value from "N" to "Y"
	CER4.1-4.1P5, CER4.1-4.2P3, CER4.1-4.3P2	Changed New Dir. Structure column value from "No" to "InProg"
	CER8.1P1	Changed New Dir. Structure column value from "InProg" to "Y", Changed Production status column value from "Developing" to "Active"
	CER4.1-4.3P2	Changed Prod Platform column value from "W" to "W, Planning P4, P6"
1/20/2009	CER1.0P1, CER1.1P8	Removed X86 from planned Prod Platform
	CER4.1-4.0P1, CER4.1-4.2P1	Removed P4, P6 from planned Prod Platform
	CER4.1-4.0P2	Removed W from Prod Platform
	CER8.2P1	Removed "With upcoming delivery" from comment
	CER9.1P1, CER9.2P1, CER9.3P1, CER9.4P1	Changed New Dir. Structure column value from "InProg" to "Y"

2/3/2009	CER2.1P1	Added comment
	CER2.4P1	Changed TK 15 tested column values from "Y" to "InProg"
	CER8.2P1	Changed Prod Status Column value from "Inactive" to "Deleted"
	CER7.2.2P1, CER10.0P3	Removed from Table 1
	CER10.1P4, CER10.1P5	Changed Prod Status Column value from "Active" to "Disabled"
	CER1.0P2	Added to list
	CER1.1P8	Removed "W" from Prod Platform column value
	CER1.1P1,3,5	Added comments
	CER4.1- 4.1P2,3, CER4.1-4.2P1, CER4.1-4.3P1	Changed Scripts NOMAD, New Directory, and TK 15 column values to "N/A", changed Prod Plat column value from "W" to "W ³ "
	CER4.1-4.0P1	Changed New Dir column value from a blank to "N/A"
	CER4.1-4.1P6, CER4.1- 4.2P5,6, CER4.1-4.3P3	Changed Prod Status column value from "Delivered" to Developing, New Dir and TK column values to "InProg", and Prod Plat column value from "W" to "W, Planning P4,P6"
	CER501P1	Changed NOMAD column value from "N" to "Y"
	CER5.0P1, CER5.1P1, CER5.4P1	Chnaged New Dir column value from "InProg" to "Y"
	CER7.2.1P1	Changed OP Man in Word column value from "N" to "Y"
	ISCCP-D2like- GEO	Changed responsible group from TISA-Averaging to TISA-GGEO
	INSTR	Changed Sample Read Pkg URL Update from "N" to "N/A"
	SYN, AVG, ZAVG, ISCCP-D2like- Day/Nit, ISCCP-D2like- GEO	Changed Sample Read Pkg URL Update from "N" to "Y"
Table 2	Removed column for DPC in Word. All DPC entries now in Word.	

2/18/2009	CER4.5-6.1P2,3, CER4.5-6.2P2, CER4.5-6.3P2,3,	Changed New Dir. Structure column value from "InProg" to "Y", changed OP Man in Word column value from "Review" to "Y", Changed Prod Platform column value to indicate delivery to P4 in testing
	CER5.1P1, CER5.4P1, CER6.xP1, CER9.2P1, CER9.3P1, CER9.4P1	Changed Prod Platform column value to indicate delivery to P4 in testing
	CER10.0P1, CER10.0P2	Changed Prod Platform column value to not include "W"
	CER1.1P1,3,5, CER1.3P1-3	Indicated replacement PGEs for P4, P6
	CER4.5-6.1P1, CER4.5-6.2P1, CER4.5-6.3P1	Changed Op Man in Word column value from "N/A" to "Y"
	CER4.5-6.1P4,5, CER4.5-6.2P3, CER4.5-6.4P2	Changed Op Man in Word column value from "N" to "InProg"
	CER11.4P1	Changed TK 15 tested column value from "InProg" to "Y"
	CER11.7P1	Changed TK 15 tested column value from ""N to "Y",
Table 2 - SSF	Changed URL in Sample Read column value from "N" to "Y"	