July 8, 2009 - System Issues and Status

Table 1: Process Strategy/Coleman as of 7/5/09

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	
M-PR 3-09	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	
M-PR 2-09	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	
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 29-09		ValR14	EICE ESNOW (SS4.1)	4.1-4.0P2	6/17/08	Ready
PR 38-09		ValR14-Mesh16	EICE ESNOW (SS4.1)	4.1-4.0P2	6/17/08 8/07	Ready
PR 37-09	FM1, FM2	ValR14	SSFI	Clouds delivery to magneto	8/07	Ready

Table 1: Process Strategy/Coleman as of 7/5/09
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 36-09	FM1, FM2	ValR14	SSF	Inversion delivery to magneto	8/07	Ready
PR 35-09	FM3, FM4	ValR14	SSFI	Clouds delivery to magneto	8/07	Ready
PR 34-09	FM3, FM4	ValR14	SSF	Inversion delivery to magneto	8/07	Ready
PR 58-08	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~~ 1/01/08	Ready
PR 57-09	FM5	PreLaunch-Beta1	Instrument	1.0P2	2/28/03 3/1/03 3/2/03 3/19/03	Pending Promotion
PR 56-09	FM5	PreLaunch_Beta1	Instrument	1.1P7	2/28/03 3/1/03 3/2/03 3/19/03	Pending Promotion
PR 55-09	FM5	PreLaunch-Beta1	Instrument	1.2P1	2/28/03 3/1/03 3/2/03 3/19/03	Pending Promotion
PR 54-09	FM1, FM2	PreLaunch-Beta1	Instrument	1.1P8	2/28/03 3/1/03 3/2/03 3/19/03	Pending Promotion
PR 53-09	FM1, FM2	PreLaunch_Beta1	Instrument	1.2P1	2/28/03 3/1/03 3/2/03 3/19/03	Pending Promotion
PR 52-09	FM3, FM4	PreLaunch-Beta1	Instrument	1.1P8	2/28/03 3/1/03 3/2/03 3/19/03	Pending Promotion
PR 51-09	FM3, FM4	PreLaunch_Beta1	Instrument	1.2P1	2/28/03 3/1/03 3/2/03 3/19/03	Pending Promotion

Table 1: Process Strategy/Coleman as of 7/5/09
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 50-09	FM5	PreLaunch-Beta1	Instrument	1.1P8	3/1/03	Pending Promotion
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~~ 1/01/08	Ready
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	Ready
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	Ready
PR 53-08	FM1	Edition2F	FSW TISA-Grid	6.1P1 6.2P1 6.3P1	1/1/07 – ~~8/31/07~~ 12/31/07	Ready
PR 33-09	FM3, FM4	Edition1B	SSFI	4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2	9/1/07 – 1/01/08	Ready
PR 32-09	FM3, FM4	Edition2C/NoSW	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	9/1/07 – 1/01/08	Ready
PR 31-09	FM3, FM4	Edition2C/NoSW	SFC	9.2P1 9.3P1 9.4P1	12/31/06 hr 12 – ~~9/1/07 hr 11~~ 1/1/08 hr 11	Ready
PR 30-09	FM3	Edition2C	CRS	5.0P1 5.1P2 5.4P2	9/1/07 – 12/31/07	Ready
PR 29-09	FM3	Edtion2C	FSW	6.1P1 6.2P1 6.3P1	9/1/07 – 12/31/07	Ready
PR 28-09	FM1, FM2, FM3, FM4	Edition2		2.4P1	9/2/07 – 1/1/09	In Progress - processing 2008 data now
PR 27-09	FM1, FM2, FM3, FM4	Edition2	BDS	1.3P3	9/2/07 – 1/1/09	In Progress - processing 2008 data now

Table 1: Process Strategy/Coleman as of 7/5/09
Active Requests in order of priority

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 26-09	FM1, FM2, FM3, FM4	Edition2	BDS	1.2P1	9/2/07 – 1/1/09	In Progress - processing 2008 data now
PR 25-09	FM1, FM2, FM3, FM4	Edition2	ES8	2.2P1	9/2/07 – 1/1/09	In Progress - processing 2008 data now
PR 24-09	FM1, FM2, FM3, FM4	Edition2		2.3P1	9/2/07 – 1/1/09	In Progress - processing 2008 data now
PR 23-09	FM1, FM2, FM3, FM4	Edition2		2.3P2	9/2/07 – 1/1/09	In Progress - processing 2008 data now
PR 22-09	FM1, FM2, FM3, FM4	Edition2	ES4, ES9	3.1P1	9/2/07 – 1/1/09	In Progress - processing 2008 data now
PR 21-09	FM1 + FM3	Edition2	ES4, ES9	3.2P1	9/2/07 – 1/1/09	In Progress - processing 2008 data now
PRs 40-09 thru 49-09, plus a new standing PR for 1/16th snow (under development)	FM1, FM2, FM3, FM4	Edition2G (Terra) Edition2D/Ed 2D-NoSW (Aqua)	SSF, SFC, CRS, FSW		1/1/08 – 12/31/08	Pending input, code promotions, ValRx approvals, etc

Table 2. July 8, 2009 - System Issues and Status

Activity	Lead	Status
CM/Documentation	Ayers (Saunders)	• See Table 3 for the current CERES Subsystem Delivery Schedule, Table 4 for the current CERES Coefficients Delivery Schedule, and Table 5 for the current DPC Update Schedule. (Ayers) • See Table 6 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 6. (Ayers) • Met with Chris Harris, Jim Davis, Vertley, Tonya, and Scott to discuss the SSI&T and production areas on the new IBM system. (Ayers) • Added promotion information for the clouds/PGENAME/rcf directories to the Promoted Directories document and provided it to the ASDC. (Ayers) • The CERES Subsystem and Coefficients Delivery Schedules were updated and posted on the Web. (Ayers, Saunders)

Table 3. CERES Subsystem Delivery Schedule – July 2009
(Next Science Team Meeting – November 3 – 5, 2009 in Ft. Collins, CO)

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)
GGEO (SCCR 653)	April 30	July 2	July 10	Initial coefficient delivery for 11/05 - 8/07. Code delivery to support Beta10 GGEO processing.			*magneto-P4*
TISA Averaging (SCCR 650)	July 17	July 31	August 7	Support Terra Edition2E and Aqua Edition2B SRBAVG1-3 and Daily processing. New PGEs: CER10.0P1, CER10.0P2, & CER10.0P3.		X	*magneto-P4*
Instrument (SCCR 715)	July 17	July 31	August 7	Updates to PGE CER1.1P7.			*warlock*
CERESlib	July 17	July 31	August 7	Clouds modifications.			*magneto-P4*
Clouds (SCCR 719)	July 17	July 31	August 7	Terra and Aqua Beta2-Edition3.	X		*magneto-P4*
Instantaneous SARB (SCCR 718)	July 17	July 31	August 7	New "pre-Synoptic" PGE CER5.0P2.		X	*magneto-P4*
ERBE-like (SCCR 696)	July 31	August 14	August 21	To process everything including all of Edition3 on *magneto*.			*magneto-P4*
Inversion (SCCR 704)	August 14	August 28	September 4	Terra and Aqua Beta2-Edition3. Note: Only one of these two Inversion deliveries scheduled for Aug. 28 will be needed.		X	*magneto-P4*

Table 3. CERES Subsystem Delivery Schedule – July 2009
(Next Science Team Meeting – November 3 – 5, 2009 in Ft. Collins, CO)

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	August 14	August 28	September 4	In case Clouds doesn't make the Edition3 schedule. Note: Only one of these two Inversion deliveries scheduled for Aug. 28 will be needed.		X	*magneto-P4*
TISA Gridding	September 11	September 25	October 2	SFC Terra and Aqua Beta2-Edition3.			*magneto-P4*
TISA Gridding	September 11	September 25	October 2	Edition2 & Beta2-Edition3 ISCCP-D2like-Day/Nit.			*magneto-P4*
TISA Averaging		Early Fall		SRBAVG-GEO Beta2-Edition3. Adding Model C surface fluxes and solar insulation.			*magneto-P4*
Instrument	September 18	October 2	October 9	Build that runs full Terra/Aqua Baseline1-QC and Edition1-CV as well as NPP.	X		*magneto-P4*
TISA Averaging	September 25	October 9	October 16	SRBAVG-nonGEO Beta2-Edition3.			*magneto-P4*
GGEO	October 2	October 16	October 23	Beta1-Edition3 ISCCP-D2like-Merge.			*magneto-P4*
TISA Averaging	October 16	October 30	November 6	TSIB-SSF Beta2-Edition3.			*magneto-P4*
Regrid MOA		November		Edition3 delivery.			*magneto-P4*
Instrument (SCCR 716)		Fall		Delivery of all Ada PGEs except CER1.1P7 to X86 platform.			*magneto-X86*

Table 3. CERES Subsystem Delivery Schedule – July 2009
(Next Science Team Meeting – November 3 – 5, 2009 in Ft. Collins, CO)

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)
GGEO		Fall		Edition2 & maybe Beta2-Edition3 ISCCP-D2like-GEO. [All ISCCP-D2like HDF products will have the same format.]			*magneto-P4*
GGEO		Fall		Beta1–Edition2 delivery of new PGE CER11.7P2 (?) for new ISCCP-D2like-Merge (?) product. [All ISCCP-D2like HDF products will have the same format.]		X	*magneto-P4*
Instantaneous SARB		Fall		New PGE to produce MATCH input files.		X	*magneto-P4*
Instrument (SCCR 717)		Late Fall		Delivery of PGE CER1.1P7 to X86 platform.			*magneto-X86*
GGEO	November 20	December 4	December 11	Beta1-Edition3 delivery.			*magneto-P4*
Clouds		Late 2009		Terra and Aqua Edition3.			*magneto-P4*
Inversion		Late 2009		Terra and Aqua Edition3.			*magneto-P4*
TISA Gridding		January 2010		Beta1-Edition2 delivery of new PGE CER9.0P2 (?) for new ISCCP-D2like-Flux (?) product. [All ISCCP-D2like HDF products will have the same format.]		X	*magneto-P4*
TISA Gridding		February 2010		Edition2 ISCCP-D2like-Flux.			*magneto-P4*

Table 3. CERES Subsystem Delivery Schedule – July 2009
(Next Science Team Meeting – November 3 – 5, 2009 in Ft. Collins, CO)

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)
Instrument		February 2010		Build corrects NPP-related errors discovered in NCT3 testing.			*magneto-P4*
Instrument		May 2010		Build corrects all NPP errors found so far. Last Build before launch freeze date.			*magneto-P4*
Clouds		Spring 2010		Terra and Aqua Edition3.			*magneto-P4*
Inversion		Spring 2010		Terra and Aqua Edition3.			*magneto-P4*
Clouds		???		Support TRMM VIRS-only processing of August 2001 forward.			*magneto-P4*
Inversion		Two to four weeks after Clouds		Support TRMM VIRS-only processing.			*magneto-P4*
Instrument		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	*magneto-P4*

Table 4. CERES Coefficients Delivery Schedule – July 2009

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
GGEO	June 12	July 2	July 10	Final coefficients for 11/05 - 08/07.	*warlock/ magneto*
Instrument	N/A	July 17		Terra Edition3 gain files for Launch – December 2006.	*warlock/ magneto*
ERBE-like	N/A	August		Terra Edition3 spectral response function files for Launch – December 2006.	*warlock/ magneto*
Instrument	N/A	September		Aqua Edition3 gain files for Launch – December 2006.	*warlock/ magneto*
ERBE-like	N/A	October		Aqua Edition3 spectral response function files for Launch – December 2006.	*warlock/ magneto*
Instrument/ ERBE-like	N/A	???		TRMM Edition3 gains and spectral response function files.	*warlock/ magneto*

Table 5. Data Products Catalog Update Schedule – July 2009

DPC Section	Due Date	Comments
SFC	May	Adding a few new parameters for Edition3
SRBAVG-nonGEO	Draft by July	Complete rework of DPC pages
SRBAVG-GEO	Draft by July	Complete rework of DPC pages
TSIB-SSF	September 15	New intermediate product
TSIB-GEO	September 15	New intermediate product
SYNI	September 15	Unknown severity of Edition3 DPC changes
SYN/AVG/ZAVG	September 15	Unknown severity of Edition3 DPC changes
FSW	September 15	Given CRS won't even be in draft mode yet, this date is probably incorrect. Given that CRS and FSW are decoupled from rest of processing, pressure to document & produce these products will not be as great as pressure on the other products.
CRS	December	Draft for science review
ISCCP-D2like products	???	There will be no differences between Edition2 & Edition3 DPC. Don't know the Edition2 DPC schedule.
MOA	???	Unknown if there are Edition3 changes.
GGEO	???	Unknown if there are Edition3 changes.

Table 6. SCCR Activity June 22 at 12:00 p.m. – July 6 at 6:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
682				X		9		
687				X		11		
691				X		8		
693				X		4.1 – 4.4		
712				X		CERESlib		
716	X					1		
718	X					5		
719	X					4.1 – 4.4		

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

CERES Software Configuration Change Request Submittal
==========

Subsystem: Instrument SCCR Date & TIME: 2009-07-02 15:44:32 SCCR No.: 716

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
Reqt. #1-31: Update all Ada PGEs, except CER1.1P7 to run on the new x86 platform.

Reason for Change (non-Science):
Reqt. #1-31: Update the existing Ada PGEs for Terra and Aqua to run on the new x86 platform and if possible allow one set of code to work on all the platforms (x86, P4 & P6)

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: CER1.1P1-6, CER1.2P1, CER1.3P1, CER1.3P2 & CER1.3P3

Estimated Time to Complete Change: 1 month
Planned Delivery Date: Fall 2009
List Affected Subsystems and PGE Names: Instrument, all Ada PGEs except CER1.1P7

Originator: COOPER, DENISE L. (SSAI)

CERES Software Configuration Change Request Submittal
==========

Subsystem: InstSARB SCCR Date & TIME: 2009-07-06 15:52:54 SCCR No.: 718

Parameter Change: ( ) YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
(Req# 5-17.0)
New PGE CER5.0P2 - Instantaneous SARB Monthly Pre Processor.
This will produce the surface albedo history maps required by the current Edition2 PGE 7.2.1P1.
This new PGE will later be upgraded to produce inputs required by Edition3 CRS.

Reason for Change (non-Science):
(Req# 5-17.0)
The creation of the surface albedo history maps will allow processing of PGE 7.2.1P1 past December 2005.

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: 7.2.1P1

Estimated Time to Complete Change: 4 weeks
Planned Delivery Date: July 31, 2009
List Affected Subsystems and PGE Names: Synoptic SARB, PGE 7.2.1P1

Originator: CALDWELL, THOMAS E. (SSAI)

CERES Software Configuration Change Request Submittal
==========

Subsystem: Clouds SCCR Date & TIME: 2009-07-06 17:15:10 SCCR No.: 719

Parameter Change: (X) YES ( ) NO

Description of Change (Science):
1. Add and remove parameters to the SSF as given below. (Req 4-10.1)
2. Cloud mask was updated. (Req 4-10.4) 3. Cloud retrieval was updated. (Req 4-10.5)

Reason for Change (Science):
1. The Science Team decided that some parameters would not have algorithms to support them in time for this delivery and other parameters were requested by other subsystems.
2. Previous deficiencies identified with the cloud mask were eliminated.
3. Previous deficiencies identified with cloud properties were eliminated.

Description of Change (non-Science):
1. Port the software to magneto P4 (Req 4-10.2)
2. Implement new directory structure (Req 4-10.3)

Reason for Change (non-Science):
1. The SGI systems previously used to run the software is being retired so the code needs to run on the IBM system.
2. The new directory structure was implemented to prevent inadvertent code or data changes.

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and Description of Parameter Change:
Draft Edition3 SSF DPC R5V1 pages are available. Parameters that science will change will be provided when delivery is finalized.

Added
SSF-59b Constrained near-surface air temperature for DLF calculations
SSF-60c 750 mb minus surface air potential temperature difference

SSF-106a Mean asymmetry factor for cloud layer
SSF-114l Mean ice particle effective diameter for multilayer (2.1)
SSF-138a MOD04-based quality flag note optical depth land (0.470)
SSF-138b MOD04-based quality flag note optical depth land (0.659)
SSF-145a Percentage of CERES FOV with MODIS deep blue aerosol
SSF-145b PSF-wtd MOD04 deep blue aerosol optical depth land (0.412)
SSF-145c PSF-wtd MOD04 deep blue aerosol optical depth land (0.470)
SSF-145d PSF-wtd MOD04 deep blue aerosol optical depth land (0.550)
SSF-145e PSF-wtd MOD04 deep blue aerosol optical depth land (0.659)
SSF-145f MOD04-based quality flag note deep blue optical depth land (0.659)
SSF-145g PSF-wtd MOD04 deep blue angstrom exponent land
SSF-145h PSF-wtd MOD04 deep blue single scattering albedo land (0.412)
SSF-145i PSF-wtd MOD04 deep blue single scattering albedo land (0.470)
SSF-145j PSF-wtd MOD04 deep blue single scattering albedo land (0.659)
SSF-145k PSF-wtd MOD04 deep blue surface reflectance land (0.412)
SSF-145l PSF-wtd MOD04 deep blue surface reflectance land (0.470)
SSF-145m PSF-wtd MOD04 deep blue surface reflectance land (0.659)
SSF-146a MOD04-based quality flag note optical depth average ocean

Renamed
SSF-60b Estimated Inversion Stability to Estimated Inversion Strength

Replaced
SSF-114h Mean cloud effective pressure for multilayer with Mean cloud particle phase for multilayer (3.7)
SSF-114i Mean cloud effective temperature for multilayer with Mean water particle radius for multilayer (3.7)
SSF-114j Mean cloud effective height for multilayer with Mean ice particle effective diameter for Multilayer (3.7)
SSF-114k Multilayer cloud base pressure for multilayer with Mean water particle radius for Multilayer (2.1)

Reason for Parameter Change:
The Science Team decided that some parameters would not have algorithms to support them in time for this delivery and other parameters were needed for other subsystems. Algorithm changes will also be responsible for changes in values.

Affected PGEs in this Subsystem: CER4.1-4.1P6, CER4.1-4.2P4, CER4.1-4.2P5, and CER4.1-4.3P3

Estimated Time to Complete Change: Three months
Planned Delivery Date: July 31, 2009
List Affected Subsystems and PGE Names: Inversion 4.5-6.1P4, 4.5-6.1P5, and 4.5-6.2P2; SARB 5.0P2 and 7.2.1P1; and TISA 9.2P1 and 9.0P1

Originator: MILLER, WALTER F. (SSAI)

Table 7. July 8, 2009 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Zentz	• No report received.	
1.0	Cooper (Walikainen)	• Continue to monitor incoming Terra and Aqua Level-0, ephemeris and attitude data. (Snyder) • Edition3 gains have been given to Denise and are being put into the proper format for pre-delivery validation testing. Delivery of the Edition3 gains will not occur until the validation tests are completed. (Cooper)	
2.0	Walikainen (Cooper)	• Continuing to examine QC checker email generated during production. (Walikainen) • Continuing to inspect ERBE-like Aqua and Terra output plots. (Walikainen) • Corrected errors in FM2 and FM3's SW channel unfiltering coefficients. Submitted corrections to the FLASHFLUX team. Fortunately, the SW channel errors increased the SW TOA flux by only 0.01% compared to the current set of coefficients. (Walikainen) • Examined several versions of SW and TOT channel spectral responses proposed for the beginning-of-mission. These were then used to create unfiltering coefficients and nadir files. Nadir fluxes were compared with Edition1-CV values and results were presented to the Science Team. (Walikainen) • Compiled and ran ERBE-like code on P6s. Four of seven PGEs ran successfully. The median run time for CER2.4P1 was reduced to 13 minutes, MAGNETO median run time is 16 minutes. (Walikainen)	
3.0	Walikainen (Cooper)	Combined with above.	

SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Brown)	• Added flat RGB images to the Google Earth file. (Heckert) • Replaced existing RGB images with corrected image files from Sharon Gibson. (Heckert) • Working on code to create a "slideshow" of images (on the Google Map tool) for the same parameter covering a specified number of adjacent coordinates. (Heckert) • Working on offline re-processing Aqua Ed2 with corrected ozone and water vapor absorptions, for Tom Charlock. The processing day is 20030320. (Smith) • Produced both Aqua and Terra netCDF files for Cloud GEWEX project. (Smith) • Both 2.1 and 1.6 optical depth are too high. Lots of time spending on working on tracking this down. Found two mistakes. 2.1 and 1.6 optical depth are more reasonable now with the corrections but need to run more data to confirm. (Sun-Mack) • Implemented and validated Zhonghai Jin's clear ocean reflectances and emissivities into the Clouds production for Ed3. (Sun-Mack, Chen) • Worked on Edition3 validation. (R. Brown) • Worked on providing results for Aqua and Terra data sets to Pat Minnis. Worked on Cloud Height Water and Cloud Water Path Water results. (R. Brown) • Worked on Aqua and Terra SSF results and posted results on the web. (R. Brown)	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	
4.4	Miller (Sun-Mack)	• Worked on Edition3 Beta2 code updates. (Miller)	

SS No.	SS Lead	Status	Problems
4.5	Sothcott	• Attended weekly SOFA working group meetings. (Sothcott) • Received the Edition3 Beta2 SSF typedef and started work incorporating it into the Edition3 Beta2 Inversion software. (Sothcott) • Continued work on the IES-SSF PGE's. (Sothcott) • Started two months of test runs to checkout updates to the constrained near surface air temperature algorithm. (Sothcott)	
4.6	Sothcott	Combined with above.	
5.0	Caldwell (Coleman)	• Working on Edition3 SARB pre-processor code. (Caldwell)	
7.2	Caldwell (Coleman)	• No new updates. (Caldwell)	
12.0	Caldwell (Coleman)	• Trying to use HDF5 sample data. (Caldwell)	
7.1	Nguyen (Raju, Filer)	• No new updates. (Nguyen)	
8.0	Nguyen (Raju, Filer)	• No new updates. (Nguyen)	
10.0	Nguyen (Raju, Filer)	• Searched for the cause of the wrong surface type percents in the polar regions in CLARREO data. (Nguyen) • In the CLARREO data, Dave Doelling found that for some regions, the TOA SW fluxes changed drastically from one hour to another. Searching for the cause this problem. (Nguyen) • Updated code to use the new surface type for snow/ice instead of using the IGBP map only. (Nguyen) • Continued supporting the SRBAVG NetCDF group. (Nguyen) • Validating Edition2E SRBAVG. Comparing Edition2D and the current version of SRBAVGs. Also identifying the differences between the use of “zero” GMT and 12 GMT in the solar program. (Nguyen)	
6.0	Raju (Nguyen)	• No new updates. (Raju)	

SS No.	SS Lead	Status	Problems
9.0	Raju (Nguyen)	• Met with Moguo Sun to discuss about the ISCCP merge (cloud) product. Started working on the software according to his instructions. (Raju)	
11.0	Raju (Nguyen)	• Made several validation runs to finalize coefficients for Dave Doelling. Updated code to handle G-13 satellite which starts in 2008. Received final coefficients for all satellites. Preparing for GGEO delivery to CERES CM. (Raju)	
CERES -lib	Zentz	• No report received.	
Special Development Corner		• Continuing to populate Production Processing database with information from daily ANGe reports.	

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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)	Comments
Instrument - 1	CER1.0P1	Developing	N/A	N/A	Planning P4, P6	N/A	Will comply with all the latest whenever delivered
	CER1.0P2	SSIT	Y	Y	P4[4], Planning P6	Y	C++ RDR Pre-Processor
	CER1.1P1	Active	Y	Y	W, Planning X86	Y	To be disabled when C++ working-CER1.1P8
	CER1.1P2	Disabled	N/A	N/A	N/A	N/A	Remain disabled
	CER1.1P3	Active	Y	Y	W, Planning X86	Y	To be disabled when C++ working-CER1.1P8
	CER1.1P4	Disabled	N/A	N/A	N/A	N/A	Remain disabled
	CER1.1P5	Active	Y	Y	W, Planning X86	Y	To be disabled when C++ working-CER1.1P8
	CER1.1P6	Disabled	N/A	N/A	N/A	N/A	Remain disabled
	CER1.1P7	Active	Y	Y	W, Planning X86	Y	Ada NPP
	CER1.1P8	SSIT	Y	Y	P4[4], Planning P6	Y	C++ NPP, Terra, Aqua
	CER1.2P1	Active	Y	Y	W, Planning P4, P6, X86	Y	C code, delta delivery for NPP completed.
	CER1.3P1	Active	Y	Y	W[3]	Y	Replace with CER1.4P1 on P4, P6
	CER1.3P2	Active	Y	Y	W[3]	Y	Replace with CER1.4P2 on P4, P6
	CER1.3P3	Active	Y	Y	W[3]	Y	Replace with CER1.4P3 on P4, P6
ERBE-like - 2	CER2.1P1	Active	***N***	InProg	W, Planning P4,P6	InProg	Replace erbelikeqc mail list with Dale's email
	CER2.2P1	Active	***N***	InProg	W, Planning P4,P6	InProg	
	CER2.3P1	Active	***N***	InProg	W, Planning P4,P6	InProg	
	CER2.3P2	Active	***N***	InProg	W, Planning P4,P6	InProg	

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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)	Comments
	CER2.4P1	Active	***N***	InProg	W, Planning P4,P6	InProg	
ERBE-like - 3	CER3.1P1	Active	***N***	InProg	W, Planning P4,P6	InProg	
	CER3.2P1	Active	***N***	InProg	W, Planning P4,P6	InProg	
	CER3.2P2	Disabled	N/A	N/A	N/A	N/A	
Clouds	CER4.1-4.0P1	Active	Y	N/A	W[3]	Y	
4.1-4	CER4.1-4.0P2	SSIT	Y	Y	P4[4], Planning P6	Y	
	CER4.1-4.1P1	Disabled	N/A	N/A	W	N/A	PCF script email / eos + operations and Sunny
	CER4.1-4.1P2	Active	N/A	N/A	W[3]	N/A	
	CER4.1-4.1P3	Active	N/A	N/A	W[3]	N/A	
	CER4.1-4.1P4	SSIT	Y	Y	W, P4[4], Planning P6	Y	Testing on X86, but delivery to X86 not in planning stage for currently scheduled deliveries
	CER4.1-4.1P5	SSIT	Y	Y	W, P4[4], Planning P6	Y	Testing on X86, but delivery to X86 not in planning stage for currently scheduled deliveries
	CER4.1-4.1P6	Active	Y	Y	W, Planning P4,P6	Y	Testing on X86, but delivery to X86 not in planning stage for currently scheduled deliveries
	CER4.1-4.2P1	Active	N/A	N/A	W[3]	N/A	
	CER4.1-4.2P2	SSIT	Y	Y	W, P4[4], Planning P6	Y	
	CER4.1-4.2P3	SSIT	Y	Y	W, P4[4], Planning P6	Y	
	CER4.1-4.2P4	Active	Y	Y	W, Planning P4,P6	Y	

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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)	Comments
	CER4.1-4.2P5	Active	Y	Y	W, Planning P4,P6	Y	
	CER4.1-4.3P1	Active	N/A	N/A	W[3]	N/A	
	CER4.1-4.3P2	SSIT	Y	Y	W, P4[4], Planning P6	Y	
	CER4.1-4.3P3	Active	Y	Y	W, Planning P4,P6	Y	Testing on X86, but delivery to X86 not in planning stage for currently scheduled deliveries
	CER4.1-4.4P1	Disabled	N/A	N/A	W	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	Probably not to be reactivated
4.5-6	CER4.5-6.1P2	SSIT	Y	Y	W, P4[4], Planning P6	Y	
	CER4.5-6.1P3	SSIT	Y	Y	W, P4[4], Planning P6	Y	
	CER4.5-6.1P4	Developing	Y	Y	Planning P4,P6	Y	Terra Main Ed3 version of 1P2
	CER4.5-6.1P5	Developing	Y	Y	Planning P4,P6	Y	Aqua Main Ed3 version of 1P3
	CER4.5-6.2P1	Disabled	N/A	N/A	N/A	N/A	Probably not to be reactivated
	CER4.5-6.2P2	SSIT	Y	Y	W, P4[4], Planning P6	Y	
	CER4.5-6.2P3	Developing	Y	Y	Planning P4,P6	Y	Subset postprocessor for Terra and Aqua (Ed3 version of 2P2)
	CER4.5-6.3P1	Disabled	N/A	N/A	N/A	N/A	Probably not to be reactivated
	CER4.5-6.3P2	SSIT	Y	Y	W, P4[4], Planning P6	Y	
	CER4.5-6.3P3	SSIT	Y	Y	W, P4[4], Planning P6	Y	
	CER4.5-6.4P1	SSIT	Y	Y	W, P4[4], Planning P6	Y	
	CER4.5-6.4P2	Developing	Y	Y	Planning P4,P6	Y	Monthly validation site (Ed3 for 4P1)

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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)	Comments
	CER4.5-6.6P2	SSIT	Y	Y	W, P4[4], Planning P6	Y	
	CER4.5-6.6P3	SSIT	Y	Y	W, P4[4], Planning P6	Y	
SARB - 5	CER5.0P1	Active	Y	Y	W, P4, Planning P6	Y	
	CER5.1P1	Active	Y	Y	W, P4, Planning P6	Y	
	CER5.1P2	Active	***N***	InProg	P4, Planning P6	Y	
	CER5.2P1	Deleted	N/A	N/A	N/A	Y	
	CER5.3P1	Disabled	N/A	N/A	N/A	N/A	
	CER5.4P1	Active	Y	Y	W, Planning P6	Y	
	CER5.4P2	Active	***N***	InProg	W, Planning P6	Y	
TISA Grid - 6	CER6.1P1	ValRx	Y	Y	W, P4[4], Planning P6	Y	
	CER6.2P1	ValRx	Y	Y	W, P4[4], Planning P6	Y	
	CER6.3P1	ValRx	Y	Y	W, P4[4], Planning P6	Y	
TISA Avg - 7.1	CER7.1.1P1	Active	Y	Y	W, P4, Planning P6	Y	
SARB - 7.2	CER7.2.1P1	Active	***N***	***N***	W, P4, Planning P6	Y	
TISA Avg - 8	CER8.1P1	Active	Y	Y	W, P4, Planning P6	Y	
	CER8.2P1	Deleted	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	
	CER9.1P1	Active	Y	Y	W, P4, Planning P6	Y	
	CER9.2P1	ValRx	Y	Y	W, P4[4], Planning P6	Y	

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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)	Comments
	CER9.3P1	ValRx	Y	Y	W, P4[4], Planning P6	Y	
	CER9.4P1	ValRx	Y	Y	W, P4[4], Planning P6	Y	
TISA Avg - 10	CER10.0P1	Developing	Y	Y	Planning P4, P6	Y	
	CER10.0P2	Developing	Y	Y	Planning P4, P6	Y	
	CER10.1P1	Disabled	Y	N/A	W	N/A	Replace with CER10.0P2
	CER10.1P2	Disabled	Y	N/A	W	N/A	Replace with CER10.0P1
	CER10.2P1	Deleted	Y	N/A	W	N/A	
	CER10.3P1	Deleted	Y	N/A	W	N/A	
	CER10.1P3	Disabled	Y	N/A	W	N/A	
	CER10.1P4	Disabled	Y	N/A	W	N/A	Replace with CER10.0P2 for Terra
	CER10.1P5	Disabled	Y	N/A	W	N/A	Replace with CER10.0P1 for Terra
GGEO - 11	CER11.1P1	Disabled	N/A	N/A	N/A	N/A	
	CER11.1P2	Disabled	N/A	N/A	N/A	N/A	
	CER11.1P3	Disabled	N/A	N/A	N/A	N/A	
	CER11.1P4	Disabled	N/A	N/A	N/A	N/A	
	CER11.1P5	Disabled	N/A	N/A	N/A	N/A	
	CER11.1P6	Disabled	N/A	N/A	N/A	N/A	
	CER11.1P7	Disabled	N/A	N/A	N/A	N/A	
	CER11.1P8	Disabled	N/A	N/A	N/A	N/A	
	CER11.1P10	Active	Y	InProg	W, Planning P4,P6	Y	
	CER11.2P1	Disabled	N/A	N/A	N/A	N/A	
	CER11.2P2	Active	Y	InProg	W, Planning P4,P6	Y	TK is OK
	CER11.3P1	Disabled	N/A	N/A	N/A	N/A	
	CER11.4P1	Active	Y	InProg	W, Planning P4,P6	Y	
	CER11.5P1	Deleted	N/A	N/A	N/A	N/A	
	CER11.6P1	Active	Y	InProg	W, Planning P4,P6	***N***	If TK OK for 11.2P2, this one probably okay
	CER11.7P1	Active	Y	Y	P4, Planning P6	Y	

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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)	Comments
Regrid MOA -12	CER12.1P1	Active	Y	Y	W, P4, Planning P6	Y	
	CER12.1P2	Developing	Y	Y	Planning P4, P6	Y	Ed3 MOA

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
	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
	ValRx	PGE promoted to production on platform, but still undergoing ValRx testing and approving phase
[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[4], W[4]	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[1]? (Y/N)
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

[1]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	Revsion Made
1/6/09	CER4.1-4.0P2	New PGE entry into chart
	CER4.1-4.0P1, CER4.1-4.1P2-6, CER4.1-4.2Px, CER4.1-4.3Px, CER6.xP1, CER9.xP1	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"
1/20/09	CER1.0P1, CER1.1P8	Removed X86 from planned Prod Platform
	CER4.1-4.0P1, CER4.1-4.2P1	Removed P4, P6 from plannned 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"
2/3/09	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"

Revisions:		
Date	Affected Section or PGE/Product ID	Revsion Made
	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	Changed 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.
2/18/09	CER4.5-6.1P2,3, CER4.5-6.2P2, CER4.5-6.3P2,3, CER4.5-6.4P1, CER4.5-6.6P2,3	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"

Revisions:		
Date	Affected Section or PGE/Product ID	Revsion Made
	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", removed comment
	Table 2 - SSF	Changed URL in Sample Read column value from "N" to "Y"
3/3/09	CER1.0P2, CER4.1-4.1P4,5, CER4.1-4.2P2,3, CER4.1-43P2	Changed Production status column value from "Developing" to "SSIT", Changed value in New Dir Structure column from "InProd" to "Y", Changed Prod. Platform column value to indicate delivery to P4 made and in pre-operational testing.
	CER4.1-4.1P6, CER4.1-4.2P4,5, CER4.1-43P3	Changed TK 15 tested column values from "InProg" to "Y"
3/17/09	CER2.2P1	Added comment about sending Help Ticket to Sas
	CER4.1-4.1P4,5, CER4.1-4.2P2,3, CER4.1-4.3P2	Changed New Dir column value from "InProg" to "Y"
	CER4.1-4.3P2	Changed New Dir column value from "InProg" to "Y", Changed TK 15 status column value from "N" to "Y"
	CER4.5-6.1P4,5, CER4.5-6.2P3, CER4.5-6.4P2	Changed production Platform column value to include "Planning P4, P6"
3/31/09	Table 1 - All	Removed Ops Man in Word column, as all PGEs have completed this effort
	CER2.XPx, CER3.XPx	Commented on using Dale's email address
	CER4.1-4.1P4-6	Added comment about testing on X86
	CER4.5-6.1P4,5, CER4.5-6.2P3, CER4.5-6.4P2	Changed Op Man in Word column value from "InProg" to "Y"
	CER5.1P1, CER5.4P1	Changed Production status column value from "SSIT" to "ValRx", Changed Prod. Platform column value to indicate P4
	CER12.1P2	New PGE added to table

Revisions:		
Date	Affected Section or PGE/Product ID	Revsion Made
5/26/09	CER1.1P7, CER4.1-4.1P6, CER4.1-4.2P4,5, CER4.1-4.3P3	Changed Prod Status Column value to "Active"
	CER6.XPx, CER9.2P1, CER9.3P1, CER9.4P1, CER12.1P2	Changed Prod Status Column value to "ValRx"
	CER4.1-4.3P1	Changed NOMAD column value from "N" to "N/A"
	CER1.1P7	Changed Prod Platform column value to indicate delivery to W in testing
	CER1.1P8	Changed Prod Platform column value to indicate delivery to P4 in testing
	CER4.5-6.1P4,5, CER4.5-6.2P3, CER4.5-6.4P2	Removed "W" from production platform column value
	CER5.4P1,2	Removed "P4" from Prod Platform column value
6/9/09	CER1.2P1	Added comment about delta delivery completed
6/23/09	n/a	No updates
7/7/09	CER4.5-6.1P2,3, CER4.5-6.2P2, CER4.5-6.3P2,3, CER4.5-6.4P1, CER4.5-6.6P2,3	Changed Prod Status Column value from "Active" to "SSIT"
	CER5.1P1, CER5.4P1	Changed Prod Status Column value from "ValRx" to "Active"
	CER4.1-4.1P6, CER4.1-4.2P4,5, CER4.1-43P3	Changed New Dir. Structure column value from "InProg" to "Y"