

November 14, 2012 - System Issues and Status

Table 1: Process Strategy/Coleman as of 11/14/12

Active Requests in order of priority as of 11/13/12

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
The PRs that follow are the Standing PRs						
M 1-09		NSIDC-NESDIS	EICE ESNOW 16 th mesh	4.1-4.0P2	Standing Request	
M 2-12 SCCR 867		NSIDC	SNOW (ERBE-like Edition1-CV)	2.1P1	Standing Request	
NPP 11-12, 2-11 to 4-11, 13-12 SCCRs 911, 878, 863, 756, 867	NPP	Baseline1-QC	BDS/ ES8	1.0P2, 1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	
NPP 12-12, 3-12 to 6-12 SCCRs 911, 878, 863, 756, 770	NPP	Edition1-CV	BDS/IES/ PreS8	1.0P2, 1.1P8, 1.2P1, 1.4P1,1.4P2	Standing Request	
NPP 14-12 to 17-12 SCCR 867	NPP	Edition1-CV	ERBELike	2.2P1 2.3P1, 2 3.1P1	Standing Request	
AM 8-11 to 10-11, AM 1-12 PM 8-11 to 10-11, 1-12 to 3-12, 16-12, 21-12 SCCRs 878, 863, 756, 867	Terra Aqua (FM3, FM4)	Baseline1-QC	BDS/ES8	1.1P8, 1.2P1, 1.4P1, 2.2P1	Standing Request	

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
AM 12-11 to 15-11, AM 2-12 to AM 5-12 PM 12-11 to 15-11, 17-12 to 20-12, 22-12 to 25-12 SCCRs 878, 863, 756, 867	Terra Aqua (FM3, FM4)	Edition1-CV	BDS/ ERBELike (SS1-3)	1.1P8 1.2P1 1.4P1&2, 2.1P1 2.2P1 2.3P1/2 3.1P1	Standing request	
AM 1-11 to 7-11 6-11, 6-12 PM 1-11 to 7-11 6-11, PM 26-12, PM 1-12 to 7-12	Terra Aqua (FM3, FM4)	Edition1-CV	SSF Clouds and Inversion	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2 4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request	PRs AM 7-11 and PM 7-11 replaced with PRs AM 6-12 and PM 26-12 due to input CC # change
M 3-11 SCCR 920	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	
M 2-11 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	
M 1-12	CERES	GMAO-G541-Ed4	MOA	12.1P2	Standing request	
The PRs that follow are the Non-Standing PRs that can be processed						
139-11 to 142-11 SCCR 809	FM1, FM2	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	2/29/2000 – 6/1/2005	In Progress Priority Level 1
143-11 to 146-11 SCCR 809	FM3, FM4	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	6/30/2002 – 3/30/2005	In Progress Priority Level 1
104-12 to 106-12 SCCR 814	FM1, FM2	Beta1-Ed4	SSF	4.5-6.1P4 4.5-6.2P3 4.5-6.4P2	2/29/2000 – 6/1/2005	In Progress Priority Level 1

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
101-12 thru 103-12 SCCR 814	FM3, FM4	Beta1-Ed4	SSF	4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	6/30/2002 – 3/30/2005	In Progress Priority Level 1
46-12, 47-12 SCCR 746	FM3, FM4	Edition2A	ISCCP- D2like- Day/Nit	9.0P1	Launch thru 10/02	Ready. Priority Level 2
PRs 46-09 461-09 to 463-09 SCCRs 733,728	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P2	12/1/07 - 6/30/10	Ready. Process 1 st month and wait for SS checkout Priority Level 3
PRs 45-09 451-09 to 453-09 SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	12/1/07 - 6/30/10	Ready. Priority Level 3
162-12 thru 163-12 SCCRs 716, 863	FM1, FM2	Edition3	BDS, IES	1.3P3, 1.2P1	1/2/12 – 7/1/12	Complete. 11/4/12
164-12 thru 167-12 SCCRs 716, 863	FM3, FM4	Edition3	BDS, IES	1.3P3, 1.2P1	1/2/12 – 7/1/12	Complete. 11/4/12
168-12 thru 172-12, 185-12 SCCR 867	FM1, FM2	Edition3	SCCD/N ES8 ES4 ES9	2.4P1, 2.2P1, 2.3P1, 2.3P2, 3.1P1	1/2/12 – 7/1/12	Complete. 11/9/12
173-12 thru 177-12, 186-12 SCCR 867	FM3, FM4	Edition3	SCCD/N ES8 ES4 ES9	2.4P1, 2.2P1, 2.3P1, 2.3P2 3.1P1	1/2/12 – 7/1/12	Complete. 11/9/12
178-12 SCCR 867	FM1+ FM3	Edition3	ES4 ES9	3.2P1	1/12 – 6/12	Complete. 11/9/12

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
156-12 thru 161-12 SCCR 912	FM3, FM4	ValR1-P6, ValR1-X86	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	11/2011	Complete
150-12 Thru 155-12 SCCR 912	FM1, FM2	ValR1-P6, ValR1-X86	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	11/2011	Complete
**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed pre-op testing and been promoted to the production environment ****						
179-12 thru 184-12 SCCR 914	FM1, FM3	ValR1-P6	SFC	9.2P2 9.3P2 9.4P2	11/2011	Hold –Pending Promotion Priority Level 2
To be written SCCR 918		ValR1-P6	ESNOW EICE	4.1-4.0P2	TBD	Hold –Pending Promotion Priority Level 2
To be written SCCR 918		NSIDC- CLASS	ESNOW EICE	4.1-4.0P2	Standing Request beginning 12/1/12	Hold –Pending Promotion Priority Level 2
To be written SCCR 693	Terra Aqua	Edition1-CV	SSFi Clouds	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2	Standing Request beginning 12/1/12	To update for new snow and ice files
To be written SCCR 913	FM1, FM2, FM3, FM4	ValR1-P6 ValR1-X86	Edition1- CV SSF	4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	TBD	Hold –Pending Promotion Priority Level 2
To be written SCCR 913	FM1, FM2, FM3, FM4	Edition1-CV	SSF	4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request beginning TBD	Hold –Pending Promotion Priority Level 2

Table 2. November 14, 2012 - System Issues and Status

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> Nothing to report. (Miller)
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> See Table 3 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 3. (Ayers) Formatted the updated Inversion, ERBE-like, and TISA Gridding Operator's Manuals, posted them on the Web, and provided them to the ASDC. (Saunders) SCCR 928 – Installed, compiled, and tested CERESlib on <i>AMI-P-P6</i> and <i>AMI-P-x86</i>, and released it to the ASDC on November 13. (Ayers) SCCR 918 – Installed, compiled, and tested Clouds on <i>AMI-P-P6</i>, and released it to the ASDC on November 13. (Ayers) SCCR 914 – Installed, compiled, and began testing TISA Gridding on <i>AMI-P-P6</i>. (Ayers) SCCR 913 – Installed this delivery on <i>AMI-P</i>. Testing will begin after TISA Gridding 914 is released. (Ayers) Updated the Inversion, Clouds, and TISA Gridding information in the Promoted Directories document and provided it to the ASDC. (Ayers)
AMI Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> Assisting subsystems with the job submission scripts for upcoming deliveries as necessary. (Grepitotis, Hillyer)

Table 3. SCCR Activity October 30 at 1:00 p.m. – November 13 at 2:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
912				X		Inversion		
928		X				CERESlib	7	
936				X		ERBE-like		
937	X					CATALYST	8	

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

CERES Software Configuration Change Request Submittal

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Subsystem: CERESlib

SCCR Date: 08/27/2012

SCCR Number: 928

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

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ADDITIONAL CHANGES TO SCCR NO. 928:

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Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Adding compiled executable to \$CERESLIB/bin called cereslib_version.exe to provide the version number of CERESlib to the user.

Reason for Change (non-Science):

The script "local_version.csh" that is in \$CERESLIB/bin does not report the CERESlib version in the event the CERESlib source code is not available, as in the case of the production environment where only the compiled components and data files get promoted, and not the source code.

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: completed

Planned Delivery Date: 11/9/2012

List Affected Subsystems and PGE Names: N/A

Date & Time: 2012-11-08 17:40:56

Originator: HILLYER, THOMAS N. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: CATALYST SCCR Date & TIME: 2012-11-13 13:55:52 SCCR No.: 937

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Initial delivery of CATALYST Build I server and Operator's Console with support for Edition 4 Clouds and Inversion processing. (Build 1 requirements as listed in the CERES AuTomAted job Loading SYSTem (CATALYST) Requirements Document)

Reason for Change (non-Science):

Initial delivery of CATALYST Build I server and Operator's Console with support for Edition 4 Clouds and Inversion processing. (Build 1 requirements as listed in the CERES AuTomAted job Loading SYSTem (CATALYST) Requirements Document)

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 weeks

Planned Delivery Date: 11/30/2012

List Affected Subsystems and PGE Names: N/A

Originator: HILLYER, THOMAS N. (SSAI)

Table 4. November 14, 2012 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing new to report. (Hillyer) 	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> SCCR 928 - Delivered to CERES CM. (Wilkins) 	<ul style="list-style-type: none">
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing new to report. (Hillyer) 	<ul style="list-style-type: none">
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> Released updated version of CATALYST Server and Operator's Console for Ops/SIT to review and provide feedback. (Hillyer, Wilkins) Implementing and testing UI enhancements for Operator's Console. (Wilkins) Implementing and testing CATALYST server bug fixes and updated functionality. (Hillyer) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> SCCR 877 – Work continues to complete the conversion. An issue with VData is being investigated. (Grepitotis, Timcoe) The Available Data Web page software is still in development/testing. The available data Web page gets created; however, the background data files are not being updated. (Cooper, Grepitotis) 	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> SCCR 867 - Verified completion of SIT's Edition3 'spot test' with remaining ERBE-like PGEs (2.3P1/2). Updated Operator's Manuals for CERs 2.2P1, 2.3P1/2, 3.1P1, and 3.2P1 with correct input/output file information (i.e., destination, SGE files listings), and worked with Joanne on the File Management Policy fixes. Remaining issues (disposition of SGE/.gif files) were discussed with Tammy. Assisted Angel with 'input file missing' errors while attempting to run my PGEs with Edition3 in production: solutions required editing and re-submitting PRs with correct input EID6/SNOW CC codes (300300, not 300301, for 201112 EID6s and all SNOWs). Also closed completed PRs, and in response to PGE failure form #2255, added PRs 185-12 and 186-12 (later asked for re-run with correct PCF args) to process missing 2.3P2 Ed3 output from 201112 (asked for 201206 as well). Wrote difference report for updated PR workbook. (Lande) 	

Table 4. November 14, 2012 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
2.0 (Cont'd)	Walikainen (Lande)	<ul style="list-style-type: none"> • SCCR 933 - Completed Instrument and ERBE-like E2E testing with the new online PRDB in the PPE: created PRs for FM4, wrote and created CER3.2P1 PR, monitored PR statuses, made corrections to incorrect/rejected PRs, and provided feedback to Lisa, Carla, and Elizabeth on issues encountered with these activities (i.e., PR email/display/creation tools). Reviewed/tested initial fixes for Carla and Liz. (Lande) • Updated Operator's Manuals for CERs 2.1P1 and 2.4P1 with correct input/output file information (i.e., destination, SGE files listings). Verified latest ES8 plots and QC reports for FM1-5 available on earth-www Website. Discovered missing daily (i.e., ES8N) FM1/3 Ed1-CV 201210 products on DPO and production area (fixed by Angel via corresponding PRES8s). (Walikainen) • Prepared ERBE-like slides and participated in code "Walk-Through" for JPSS on November 2. (Walikainen) • Provided latest Edition1-CV Nadir analysis to Susan Thomas for her overseas conference. (Walikainen) 	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Processed Beta1-Ed4 QC ISCCP results for Terra (2000-2002) and Aqua(2002 -2003). Processed QC results for Terra Beta1-Ed4 for 2003. Posted 2002 Aqua and Terra Beta1-Ed4 QC (200003-200206) results to the Web including ISCCP results. (R. Brown) • QC difference for Terra Beta1-Ed4 and Ed2 were processed from 200112 through 200207. (R. Brown) • Created Beta1-Ed4 Web scripts for Terra and Aqua SSF. (R. Brown) • Processed Terra Beta1-Ed4 SSF results for 200003 through 200102. Global images, stats, and plots were produced and posted on the Web for Terra Beta1-Ed4 from 200003 through 200102. (R. Brown) 	

Table 4. November 14, 2012 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Process QC results for Aqua Beta1-Ed4 from 200401 through 200406 and Terra Beta1-Ed4 from 200201 through 200210. Produced difference results with Ed2 and posted results on the Web. (R. Brown) • SCCR 918 - Completed updates to CER4.-14.0P2 Snow and Ice Processing software to work on <i>AMI-P P6</i> systems and to enable reading of CLASS input data. Executed all testing necessary. (Smith) • SCCR 918 - Updated Clouds Operators Manual, Test Plan, and Robust Test Cases file for CER4.1-4.0P2 and made delivery of SCCR 918. (Smith) • Made updates to Clouds Operators Manual to ensure proper timing of archival and removal of files output from Clouds PGEs and updated instructions to not act upon inputs of Clouds PGEs. These were delivered with SCCR 918. (Smith) • Gave assistance in solving the ASDC execution failure questions for Clouds PGEs. (Smith) • Continuing bug fixes as they are reported from the CERES PR Tool PPE testing. (Heckert) • Continuing development of the SCCR Dashboard. (Heckert) • Began making the global DX program a 2-input file process with computational capability. (Gibson) • Continue Working on IMBdx on CERES machine which involving CloudVis file conversion. (Chen) • Generated NESDIS_SnowIce global maps with different versions and Difference maps among these versions to help finding the best maps CERES could use. (Chen) • Continue checking the daily ingest completion of VIMD (03001) and VAOT (03001 and 03002) data on the /ASDC_archive. (Chen) • Worked on bringing VIIRS SDS names changes to Clouds VIIRS reader. (Sun-Mack) • Worked with investigating and validating CLASS snow/ice products versus NESDIS snow/ice products. Worked with Yan on visualizing the snow/ice maps. (Sun-Mack) 	

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SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> • SCCR 918 - Worked with Rita on SCCR 819. (Sun-Mack) 	
4.2	Sun-Mack	<ul style="list-style-type: none"> • Combined with above. 	
4.3	Sun-Mack	<ul style="list-style-type: none"> • Combined with above. 	
4.4	Miller (Antropov)	<ul style="list-style-type: none"> • SCCR 918 - Provided information on SNODEP product as new sources were worked. (Miller) • Generated list of missing input data for Terra and Aqua Beta1-Ed4 processing. Also, the DPO was checked to see if other hours were missing. (Miller) • Implemented theoretical SW correction for ERBE CERES-like and processed April and October 1986 with the new correction. (Miller) • Reviewed migrated inversion, SARB, and TISA PGE PRs. (Miller) • Working on the program to read binary SSFB and SSFA files and to write HDF5 SSF file. (Antropov) 	
4.5	Sothcott	<ul style="list-style-type: none"> • SCCR 913 - Completed robust testing. (Sothcott) • SCCR 913 - Completed and delivered changes to the Test Plan and Ops Manual. (Sothcott) • SCCR 913 - Updated scripts were reviewed and approved. (Hillyer) • SCCR 913 - Delivered software package. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> • Combined with above. 	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • Preparing to run a few months of SYNI-Lite data requested by Dave Doelling. (Caldwell) • Updated Operator's Manual input file dispositions as requested by SSIT. (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> • Nothing new to report. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • Updated Operator's Manual to enable archiving of PCF files after the ASDC processing. (Caldwell) 	
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> • Updated code to create the match CERES and GGEO data for F. Wrenn to plot for Dave Doelling. Working on producing new data after applying the SW coefficients for F. Wrenn's study. (Nguyen) 	
8.0	Nguyen (Keyes)	<ul style="list-style-type: none"> • No new updates. (Nguyen) 	

Table 4. November 14, 2012 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
10.0	Nguyen (Keyes)	<ul style="list-style-type: none"> • SCCR 934 - Updated SSF 1deg code to add the zonal and global daily average solar incoming fluxes. Also added the four-layer cloud for the daytime cloud. (Nguyen) • SCCR 934 - Updated the test plan and test for delivery. (Nguyen) • SCCR 934 – Will run one year of data with the new updated code for validation. (Nguyen) • Continued developing an alternate method of calculating the degradation of time to detect a trend for the CLARREO sampling studies. (Keyes) 	
6.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • No new updates. (Raju) 	
9.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • SCCR 914 – Modified documents and sent them to CERES CM. Resent the tar files after adding 2010, 2011, 2012 x-track files and modified PCF scripts. (Forrest Wrenn, Raju) • SCCR 915 – PGE 9.0P1 delivery to migrate Edition2 ISCCP-D2like-Day/Nit process from <i>magneto</i> to <i>AMI-P</i>. Initiated the work on the PCF scripts. (Raju) 	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • SCCR 916 - PGE 11.7P1 delivery to migrate Edition2 ISCCP-D2like-GEO process from <i>magneto</i> to <i>AMI-P</i>. No update. (Raju) • Started validating Edition4 GGEO data. Modified 11.4P1 code to include additional parameters for comparisons between MODIS (SFC) and Edition4 GGEO. Processed 01/2010 data through the PGE to create inputs to plot program. Checking cloud amounts and optical depth differences. (Raju) 	

Table 5. November 14, 2012 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> • Monitoring and reporting on the End-to-end testing. (Coleman, Heckert, Grune)
CERES Websites (Kizer)	<ul style="list-style-type: none"> • Additional security issues were resolved and a rescan of the CWG Website was requested on Monday November 13. (Kizer) • The previous insertion of xfs code into the 500,000+ HTML files in the CWG shared data directory was not available. The files were reprocessed and re-verified. (Kizer) • User emails for EBAF-TOA and EBAF-Surface products were retrieved from the Ordering Tool database. (Heckert) • The email list for EBAF-TOA was updated. The EBAF-Surface mailing list was created with 84 users and provided to Seji Kato. (Kizer)
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> • Start working on the Web design for the new SSF 1deg data (Monthly & Daily). (Mitrescu) • Create attribute file for the new SSF 1deg data. (Mitrescu) • Create test netCDF files for the new SSF 1deg data. (Mitrescu) • Update DB (for files and variables) and start testing it on the Web pages. (Mitrescu) • Start working on the AGU poster. (Mitrescu)

Table 6. November 14, 2012 – NPP Issues

Activity	Status
FM5	<ul style="list-style-type: none"><li data-bbox="472 296 1328 436">• The issue that is causing spikes in the NPP-FM5 data has been discovered. The team will continue working on the updates for CER1.1P8 after the completion of the delivery of CER1.4P3. (Grepitotis, Hess, Smith, Timcoe)<li data-bbox="472 449 1339 741">• The Instrument code walk-through for JPSS went very well. CERES presented not only an overview of the Instrument code (SDRs), but also information about further processing of ERBE-like code, which helped to answer some of the questions that the JPSS team had about EDRs. The main emphasis was the Instrument code (PGEs CER1.0P2 and CER1.1P8) and detailed information on the software flow was discussed for CER1.1P8. (Cooper, Grepitotis, Timcoe, Walikainen)

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)		
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	Comments
Instrument - 1	CER1.0P1	N	N	N/A	N	N/A	N	N/A	n/a	n/a	Will comply with all the latest whenever delivered
	CER1.0P2	N	N	N/A	Y	16	Y	16	Y	N	C++ RDR Pre-Processor
	CER1.1P8	N	N	N/A	Y	16	Y	16	Y	N	C++ NPP, Terra, Aqua
	CER1.2P1	N	N	N/A	Y	16	Y	16	Y	N	C code, NPP capable.
	CER1.3P3	N	N	N/A	N	N/A	Y	16	Y	n/a	Replace with CER1.4P3 on P6
	CER1.4P1	N	N	N/A	Y	16	Y	16	Y	N	
	CER1.4P2	N	N	N/A	Y	16	Y	16	Y	N	
CER1.4P3	N	N	N/A	Devel	18	Devel	18	Devel	N		
ERBE-like - 2	CER2.1P1	N	Y	16	Y	16	Y	16	Y	N	
	CER2.2P1	N	Y	15	Y	Y	Y	16	Y	N	Compile HDF with TK 15, run with TK 16
	CER2.3P1	N	Y	16	Y	16	Y	16	Y	N	
	CER2.3P2	N	Y	16	Y	16	Y	16	Y	N	
ERBE-like - 3	CER2.4P1	N	Y	16	Y	16	N	N/A	Y	N	
	CER3.1P1	N	Y	16	Y	16	Y	16	Y	N	
Clouds 4.1-4	CER3.2P1	N	Y	16	Y	16	Y	16	Y	N	
	CER4.1-4.0P2	N	Y	15	SSI&T	18	N	N/A	SSI&T	N	
	CER4.1-4.1P4	N	Y	16	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.1P5	N	Y	16	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.1P6	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P2	N	Y	15	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.2P3	N	Y	15	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
	CER4.1-4.2P4	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P5	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.3P2	N	Y	15	Devel	18	N	N/A	Devel	N	Ed2, Edition1-CV
CER4.1-4.3P3	N	N	N/A	Y	16	N	N/A	Y	Devel	Ed4 (P6), Migration to X86 not in near future	

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)		
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	Comments
Inversion/SOFA 4.5-6	CER4.5-6.1P2	N	Y	16	SSI&T	18	SSI&T	18	SSI&T	N	Ed2 Terra Main
	CER4.5-6.1P3	N	Y	16	SSI&T	18	SSI&T	18	SSI&T	N	Ed2 Aqua Main
	CER4.5-6.1P4	N	N	N/A	Y	16	N	N/A	Y	Devel	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	N	N/A	Y	16	N	N/A	Y	Devel	Aqua Main Ed4 version of 1P3
	CER4.5-6.2P2	N	Y	16	SSI&T	18	SSI&T	18	SSI&T	N	Ed2/Ed3 subsetter
	CER4.5-6.2P3	N	N	N/A	Y	16	N	N/A	Y	Devel	Subset postproc for Terra and Aqua (Ed4 version of 2P2)
	CER4.5-6.2P4	N	Y	16	ValRx	18	ValRx	18	ValRx	N	Ed3 daily post-processor
	CER4.5-6.4P1	N	Y	16	ValRx	18	ValRx	18	ValRx	N	Edition2 to <i>magneto</i>
	CER4.5-6.4P2	N	N	N/A	Y	16	N	N/A	Y	Devel	Monthly validation site (Ed4 for 4P1)
CER4.5-6.5P4	N	Y	16	ValRx	18	ValRx	18	SSI&T	N	IES-SSF Terra New PGE, Ed2 format	
CER4.5-6.5P5	N	Y	16	ValRx	18	ValRx	18	SSI&T	N	IES-SSF Aqua New PGE, Ed2 format	
SARB - 5	CER5.0P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.0P2	N	Y	15	Y	18	Y	18	Y	N	Ed2/Ed3
	CER5.1P1	N	Y	16	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.1P2	N	ValRx	16	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER5.1P3	N	N	N/A	Devel	16	Devel	16	N	N	New PGE - Edition4 Main for Terra and Aqua
	CER5.4P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
CER5.4P2	N	Y	16	N	N/A	N	N/A	n/a	n/a	Ed2 only	
TISA Grid - 6	CER6.1P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER6.2P1	N	Y	15	N	N/A	N	N/A	n/a	n/a	Ed2 only
	CER6.3P1	N	Y	15	N	N/A	N	N	n/a	n/a	Ed2 only
TISA Avg - 7.1	CER7.3.1P1	N	Y	16	Y	16	N	N/A	Y	N	New PGE for Edition3
SARB - 7.2	CER7.2.1P1	N	Y	16	N	N/A	Y	16	Y	N	P4 only Ed2 for now, X86 for Ed2 and Ed3

Table 1: PGE Current Events Status Table

Subsystem ID	PGE ID	Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)		Comments
		SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	
TISA Avg - 8	CER8.1P1	N	Y	15	Y	16	N	N/A	Y	N	Migrate to AMI for Ed3
TISA Grid - 9	CER9.0P1	N	Y	15	Devel	16	N	N/A	Devel	N	Ed2 only
	CER9.0P2	N	N	N/A	Y	16	N	N/A	Y	N	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N	N/A	Y	16	N	N/A	Y	N	ISCCP-D2like-MRG Main-processor
	CER9.1P1	N	Y	15	Devel	18	N	N/A	N	N	
	CER9.2P2	N	Y	16	SSI&T	18	N	N/A	SSI&T	N	PGE for Edition3
	CER9.2P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
	CER9.3P2	N	Y	16	SSI&T	18	N	N/A	SSI&T	N	PGE for Edition3
	CER9.3P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
	CER9.4P2	N	Y	16	SSI&T	18	N	N/A	SSI&T	N	PGE for Edition3
	CER9.4P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
TISA Avg - 10	CER10.0P3	N	Y	16	Y	16	N	N/A	Y	N	PGE for Edition3
	CER10.0P4	N	N	N/A	Devel	18	Devel	18	N	N	Edition3A, Non-GEO
GGEO - 11	CER11.1P10	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.2P2	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.4P1	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.6P1	N	Y	16	N	N/A	N	N/A	n/a	n/a	
	CER11.7P1	N	Y	16	Devel	18	N	N/A	Devel	N	
Regrid MOA - 12	CER12.1P1	N	Y	16	Y	16	Y	16	Y	N	Edition 2/3
	CER12.1P2	N	N	N/A	Y	16	Y	16	Y	N	Edition 4

Table 1 Key:		
¹ Status	Y	Currently able to run in production
	Devel	PGE in development, still to be delivered for the first time to the platform.
	SSI&T	PGE delivered and in SSI&T (CM or SIT) testing prior to operational processing
	ValRx	PGE promoted to production on platform, but still undergoing ValRx testing and approving phase
² Prod. Platform	SGL	warlock
	P4	Magneto - IBM P4
	P6	AMI - IBM P6
	X86	AMI - IBM X86
⁷ "New" Wrapper Scripts for AMI Status	Y	Scripts in production
	n/a	Not needed for this PGE
	N	Development not yet begun
	SSI&T	Delivered and in SSI&T (CM or SIT) testing prior to operational processing
	Devel	Development in progress for inclusion in next delivery

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
1/3/2012	None	
1/23/2012	CER1.1P1,3,5,7, CER4.1-4.0P1	Moved to Table 3
	CER1.2P1, CER1.3P3	Changed SGI status from "Y" to "N"
	CER6.1P2, 2P2, 3P2	Removed from list
	CER10.0P3	Changed P6 status from "Devel" to "SSI&T"
	CER4.1-4.1P6, 2P4, 2P5, 3P3	Changed New Wrapper Script status from "SSI&T" to "Devel"
2/6/2012	CER10.0P1,2	Moved to disabled/deleted list (Table 3)
2/22/2012	No Updates	
3/5/2012	No Updates	
3/19/2012	4.1-4.1P6, 2P4, 2P5, 3P3	Changed P6 status and new wrapper status from "Devel" to "SSI&T"
	7.3.1P1, 7.2.1P1, 10.0P3	Changed P6 status and new wrapper status to "ValRx"
4/4/2012	4.5-6.1P3, 2P2, 4P1	Changed P4 TK version from "15" to "16"
	4.5-6.5P2,3, 4.5-6.6P2,3	Moved to Disabled/deleted table
4/16/2012	9.2P3, 9.3P3, 9.4P3	New PGEs added to list
	Table 2 - BDS Product	Status of URL in Sample Read Package README Update changed from "N" to "Y"
	7.3.1P1, 7.2.1P1, 10.0P3	Changed P6 status and new wrapper status from "ValRx" to "Y"
	9.2P1, 9.3P1, 9.4P1, 7.1.1P1	Moved to Table 3
5/7/2012	4.1-4.1P6, 2P4, 2P5, 3P3	Changed P6 status and new wrapper status from "SSI&T" to "Devel"
5/14/2012	Table 2 - ES8, ES4, and ES9 Products	Status of URL in Sample Read Package README Update changed from "N" to "Y"
	12.1P1	Changed P6 and X86 statuses from "Y" to "Devel"
	9.0P2,3	Changed P6 and New Wrapper statuses from "SSI&T" to "ValRx"
5/30/2012	4.1-4.1P6, 2P4, 2P5, 3P3 4.5-6.1P4,5, 2P3, 4P2	Changed P6 status and new wrapper status from "Devel" to "SSI&T"
	12.1P1	Changed P6 and X86 statuses and new wrapper status from "Devel" to "SSI&T"
	Table 1	Added column for tracking CATALYST PGEs
6/13/2012	1.1P8	Changed X86 Status from "Devel" to "SSI&T"
	12.1P1	Changed P6 and X86 statuses from "SSI&T" to "ValRx"
7/11/2012	9.0P2,3	Changed P6 status and new wrapper status from "ValRx" to "Y"
	2.1P1, 2.2P1, 2.3P1,2, 2.4P1, 3.1P1, 3.2P1	Changed X86 statuses from "Devel" to "SSI&T"

Revisions:		
7/25/2012	4.1-4.1P6, 2P4, 2P5, 3P3 4.5-6.1P4,5, 2P3, 4P2	Changed P6 status and new wrapper status from "SSI&T" to "ValRx"
	5.0P2	Changed P6 and X86 statuses and new wrapper status from "N" to "Devel", Changed CATALYST status from "n/a" to "N".
	4.1-4.0P2, 1P4,5, 2P2,3, 3P2, 4.5-6.1P2,3, 2P2,4, 4P1, 5P4,5 5.0P2, 9.0P1, 1P1, 2P2, 3P2, 4P2, 11.7P1	Changed P6 statuses and new wrapper status from "N" to "Devel" . Changed CATALYST status from "n/a" to "N".
	11.2P2, 4P1, 6P1	Changed X86 statuses "Devel" to "N".
	8/8/2012	4.5-6.1P2,3, 2P2,4, 4P1, 5P4,5
8/8/2012	1.1P8, 1.4P2	Changed X86 statuses from "SSI&T" to "Y".
	1.4P3, 4.1-4.0P2, 1P4,5, 2P2,3, 3P2, 4.5-6.1P2,3, 2P2,4, 4P1, 5P4,5 5.0P2, 9.0P1, 1P1, 2P2, 3P2, 4P2, 11.7P1	Changed P6 and X86 TK Versions from "16" to "18" (unless equal to "N/A")
	8/22/2012	5.0P2
8/22/2012	4.1-4.1P6, 2P4, 2P5, 3P3 4.5-6.1P4,5, 2P3, 4P2	Changed P6 status and new wrapper status from "ValRx" to "Y"
	12.1P1	Changed P6 and X86 and new wrapper statuses from "ValRx" to "Y"
9/5/2012	2.1P1, 2.2P1, 2.3P1,2, 2.4P1, 3.1P1, 3.2P1	Changed P6 and X86 statuses from "SSI&T" to "ValRx"
9/19/2012	4.1-4.0P2	Removed comment indicating that migration to AMI was not in the near future
10/3/2012	4.5-6.5P4,5, 2P4, 4P1	Changed P6 and X86 statuses and new wrapper status from "Devel" to "SSI&T"
	5.0P2	Changed P6 and X86 and new wrapper statuses from "ValRx" to "Y"

Revisions:		
10/17/2012	6.1P1, 11.1P10, 2P2, 4P1, 6P1	Changed P6 status and new wrapper status from "Devel" to "N"
	10.0P4	New PGE added to list
	2.1P1, 2.2P1, 2.3P1,2, 3.1P1, 3.2P1	Changed P6 and X86 and new wrapper statuses from "ValRx" to "Y"
	2.4P1	Changed P6 status and new wrapper status from "ValRx" to "Y", changed X86 status from "ValRx" to "N".
10/31/2012	9.2P2, 3P2, 4P2	Changed P6 status and new wrapper status from "Devel" to "SSI&T"
11/14/2012	4.1-4.0P2	Changed P6 status and new wrapper status from "Devel" to "SSI&T"
	4.5-6.2P4, 4P1, 5P4,5	Changed P6 and X86 statuses and new wrapper status from "SSI&T" to "ValRx"
	4.5-6.1P2,3, 2P2	Changed P6 and X86 statuses and new wrapper status from "Devel" to "SSI&T"