

November 28, 2012 - System Issues and Status

Table 1: Process Strategy/Coleman as of 11/28/12

Active Requests in order of priority as of 11/27/12

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	***** 11/28/12 Soon to be replaced with PR M 3-12
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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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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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
188-12 SCCR 867	Aqua	Edition3	SCCD/N	2.4P1	6/2002	Ready Priority Level 2
187-12 SCCR 867	Terra	Edition3	SCCD/N	2.4P1	2/2000	Ready Priority Level 2
202-12 SCCR 867	FM4	Edition3	ES8	2.2P1	3/30/05 – 5/31/2011	Ready Priority Level 2
197-12 thru 199-12 SCCR 867	FM3	Edition3	ES8	2.2P1 2.3P1 2.3P2	3/30/05 – 12/31/10	Ready Priority Level 2
194-12 thru 196-12 SCCR 867	FM3 FM4	Edition3	ES8	2.2P1 2.3P1 2.3P2	6/18/02 – 3/29/05	Ready Priority Level 2
193-12 SCCR 867	FM2	Edition3	ES8	2.2P1	1/1/11 – 5/31/11	Ready Priority Level 2
189-12 thru 191-12 SCCR 867	FM1, FM2	Edition3	ES8	2.2P1 2.3P1 2.3P2	2/29/00 – 12/31/10	Ready Priority Level 2
192-12 SCCR 867	Terra	Edition3	ES4 ES9	3.1P1	3/00 – 12/10	Ready Priority Level 2
200-12 SCCR 867	Aqua	Edition3	ES4 ES9	3.1P1	7/02 – 12/10	Ready Priority Level 2

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
201-12 SCCR 867	Terra+Aqua	Edition2	ES4 ES9	3.2P1	7/02 – 12/10	Ready Priority Level 2
217-12 thru 219-12 SCCR 912	FM1	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	1/12 – 6/12	Ready Priority Level 2
220-12 thru 222-12 SCCR 912	FM3	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	1/12 – 6/12	Ready Priority Level 2
216-12 SCCR 917	FM1	Edition3A	SAH	5.0P2	1/12 – 6/12	Ready Priority Level 2
215-12 SCCR 917	FM3	Edition3A	SAH	5.0P2	1/12 – 6/12	Ready Priority Level 2
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
**** 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

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
223-12 SCCR 918		ValR1-P6	ESNOW EICE	4.1-4.0P2	TBD	Hold –Pending Promotion Priority Level 2
M 3-12 SCCR 918		NSIDC- CLASS	ESNOW EICE	4.1-4.0P2	Standing Request beginning 12/1/12	Hold –Pending ValRx Priority Level 2
203-12 thru 214-12 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	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 914	FM1, FM3	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/2011 – 5/2012	Hold –Pending Promotion Priority Level 2
To be written	Terra+A qua	Edition3A	TSI SYNI SYN1deg	10.0P3 7.3.1P1 7.2.1P1 8.1P1	12/2011 – 5/2012	
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 28, 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) SCCR 914 – Continued 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) Delivered the Edition3 spectral response function files for Terra FM1 and FM2 for February 2000 and Aqua FM3 and FM4 for June 2002 to <i>AMI-P</i>. This delivery will allow creation of Edition3 ERBE-like products for the science days collected just prior to the first full months of Terra and Aqua science data. (Ayers) Formatted the updated Instrument, Clouds, and TISA Gridding Operator's Manuals, posted them on the Web, and provided them to the ASDC. Modifications were made to the File Management Policy as necessary. (Saunders) The subsystem leads completed the input and output file disposition review. The Operator's Manuals and File Management Policy have been updated as necessary. A follow-up email was sent to the SIT team, and another meeting on this topic may be necessary to resolve a couple of outstanding issues. (Ayers)
<i>AMI</i> Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> Assisting subsystems with the job submission scripts for upcoming deliveries as necessary. (Grepotis, Hillyer)

Table 3. SCCR Activity November 13 at 2:00 p.m. – November 26 at 1:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
928			X			CERESlib		
937			X			CATALYST		
938	X					Synoptic SARB	8	
939	X					Inversion	9	

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

CERES Software Configuration Change Request Submittal

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Subsystem: SynSARB SCCR Date & TIME: 2012-11-15 12:15:13 SCCR No.: 938

Parameter Change: () YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
(Req# 7.2-1.32)
The parameter NumSites used by SYN subset process needs to be updated.
A new list of validation sites will be included.

Reason for Change (non-Science):
(Req# 7.2-1.32)
The current value of the parameter does not allow all the validation sites to be included in the SYN subset (SYNS) files for the southernmost latitudes. This delivery will also be used to update the list of validation sites as requested by SARB working group.

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: 3 weeks
Planned Delivery Date: January 4, 2013
List Affected Subsystems and PGE Names: 7.2.1P1 Synoptic SARB

Originator: CALDWELL, THOMAS E. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: Inversion SCCR Date & TIME: 2012-11-23 10:56:00 SCCR No.: 939

Parameter Change: () YES (X) NO

Description of Change (Science):
None.

Reason for Change (Science):
N/A

Description of Change (non-Science):
Update CER4.5-6.5P4 and CER4.5-6.5P5 to fix bug with SSFA file when there are mismatched numbers of IES FOVs between Edition2 and Edition3. Req. # 4.5-46

Reason for Change (non-Science):
Edition3A aerosol data in the SSFA and HDF files are incorrect when there are mismatched numbers of IES FOVs between Edition2 and Edition3.

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:
CER4.5-6.5P4 and CER4.5-6.5P5

Estimated Time to Complete Change: 1 week
Planned Delivery Date: 11/28/2012

List Affected Subsystems and PGE Names: Inversion CER4.5-6.5P4 and CER4.5-6.5P5

Originator: SOTHCOTT, VICTOR E. (SSAI)

Table 4. November 28, 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"> Built offline version with Edition 4 GGEO updates for TISA. (Hillyer) 	•
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing new to report. (Hillyer) 	•
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> Completed dynamic class loading/unloading/reloading capabilities to enable new PGEs at runtime. (Hillyer) Fixing object serialization for caching functionality. (Hillyer) Implemented user interface features to display and report on available PGE handlers. (Wilkins) Working on the AGU Conference Poster. (Hillyer, Wilkins) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> SCCR 877 – Comparing test results with existing data files. Differences in the Double Drift Corrected Counts and the Radiances are being seen. This may be due to the different architectures between SGI and AMI. These types of differences were also seen for CER1.1P8. An issue with Metadata creation on the x86 platform will be worked after testing completes on the P6 and all data is validated. In order to deliver the PGE to both platforms, there may be a slight delay in the delivery date. (Grepitotis, Timcoe) The Available Data Web page software is being tested. A couple of issues with the software have been discovered and are being worked. At this time, all output files are being created and have been verified. The program, however, is having difficulty going back to fill in missing data from a previous data date. At this point, the software is only working for Terra. After all issues are fixed with the Terra version, updates will be made to add Aqua. (Cooper, Grepitotis) 	

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SS No.	SS Lead	Status	Problems
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> • SCCR 933 - Forwarded 'pending SS review' PR 55-12 (1.2P1, Terra, Ed3- PRDBtest) Priority Change notice to Denise for approval. Forwarded her subsequent problems with PR Website to Liz. Had Carla fix Thomas's incorrect login id (agrepitot, not agrepiotis) in her database. (Lande) • Created .pl version of plot_es8.csh (part of Performance Review goal). Went over Operator's Manual Destination for PCF, summary, Log, and sge_log files with Denise. (Lande) • Wrote PRs to address items 3 (Aqua) and 5 (Terra) of CERES processing priorities for next six months (creation of skipped Ed3 ES8s/4s/9s): involved looking into missing FM2/4 data (Jan-May 2011) and Ed3 BOM definition issues (prior to first full month: PRES8s on TAPE only, no SCCs). Research showed only Ed2 SRFs delivered for 200002 Terra and 200206 Aqua, and of those only FM1 was the same as the next month. Discussions with Peter and Susan led to applying this equivalence to all instruments for Edition3. After Kory's approval, created and delivered SRFs for days prior to first full months, added 2.4P1 PRs to generate corresponding SCCs, and edited subsequent PRs to use these with the initial science data. Also edited Delivery Notification for Tammy, and closed previously completed Ed3 PRs (166-12 through 178-12 & 185/186-12). (Lande) 	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Worked on IMBdx on CERES machine which involved CloudVis file conversion. (Chen) • Wrote a script to process the AZORES cases using IBMdx. Images from Ed4 cloud retrieval were produced. (Chen) • Web downloaded Simultaneous Nadir Overpass (SNO) between Aqua and NPP data and wrote a perl script to generate lists for polar, low lat, US, and PACNW regions during the period which NPP data was available. (Chen) 	

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SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Continue checking the daily ingest completion of VIMD (03001) and VAOT (03001 and 03002) data on the /ASDC_archive. (Chen) • Made some final updates to Clouds Operator's Manual for PGE CER4.1-4.0P2. (Smith) • Worked on Post Processing plots of QC binned statistics data. (Smith) • Began planning for new PGE CER4.1-4.0P1 to process NESDIS data and produce Snow Ice output all in one PGE. (Smith) • Continued work on the global DX program to add computational capability for two input files. Worked on ways to handle additional (more than two) out of range values, and to allow them at different stages within the user computation. (Gibson) • Added VISST_Stats to the CWG Satellite Imagery tool on earth-www. (Heckert) • Continued development of SCCR Dashboard tool. (Heckert) • Continued bug fixes from PPE testing of CERES PR Tool. (Heckert) • Processed seasonal and annual differences for Terra Edition 4 and Edition2 QC for 2000. Results were posted on the Web. (R. Brown) • Began processing Terra Edition4 SSF data for 200103 – 200112. (R. Brown) • Significantly modified VIIRS reader to implement the new SDS names from Land PEATE. (Sun-Mack) • Worked on snow/ice with AFWA products: converted AFWA GRIB to binary, modified NESDIS code to remove nesdislib dependency; successfully produced equivalent NESDIS snow/ice Mesh16 product. Run through PGE CER4.1-4.0P2 with new product to produce 10 min snow/ice maps. Validated the 10 min snow and ice maps. (Sun-Mack) • Worked with the ASDC on the failed hours whenever asked. (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"> • Worked with Baike on the Azores validation cases. (Sun-Mack) • Worked with Pat on lapse rate papers. (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"> • Investigated misplaced MODIS aerosol on Edition3 SSF. Problem was occurring in inversion with the switch to SSF Edition1-CV inputs. (Miller) • Monitored Terra and Aqua Beta1-Ed4 processing. (Miller) • Processed July 1986 ERBE data with the new SW correction. (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"> • Completed validation of ValR1 data for Edition3A software for <i>AMI</i>. (Sothcott) • SCCR 939 - Worked to evaluate the problem with poor Aerosol data in Edition3A data for hour 00 using Edition1-CV data for input (dates 6/30/10 - 12/31/11). Determined the problem to be caused by the differences in the number of footprints between IES files that were used for inputs. This problem was identified and fixed for the SSFB data but not for the SSFA data. Software fix has been implemented and tested. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> • Combined with above. 	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • No new updates. (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> • SCCR 938 - Delivery of PGE 7.2.1P1 to <i>AMI</i> planned for January 4, 2013. This delivery will implement a correction to the SYNS (subset SYN) code to include all validation sites as well as an updated validation site list. (Caldwell) • Processed SYNI-Lite data requested by Dave Doelling for July 2010. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> • No new updates. (Caldwell) 	

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SS No.	SS Lead	Status	Problems
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> Ran July 2010 Terra, Aqua, merged Terra/Aqua with and without GGEO data for SYNI inputs. (Nguyen) 	
8.0	Nguyen (Keyes)	<ul style="list-style-type: none"> Ran July 2010 for the above cases for surface flux validations. (Nguyen) 	
10.0	Nguyen (Keyes)	<ul style="list-style-type: none"> SCCR 934 – Updated code to correct the zonal and global day time cloud data. Ran 2008 SSF1deg Month and Daily data for validation. (Nguyen) SCCR 934 – Continued updating code for validation. (Nguyen) Ran June through August 2002 daily SSF for Moguo Sun to work with LW narrow-band broadband conversion. (Nguyen) Provided before and after normalization data for Forrest Wrenn to plot for Dave Doelling. (Nguyen) Provided monthly hourly average flux data for three given locations per Norman Loeb's request. (Nguyen) Providing support to Edition4 GGEO 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. (R. 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. Resolving issues that occurred during CM testing. (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>. No new updates. (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 new updates. (Raju) 	

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SS No.	SS Lead	Status	Problems
11.0 (Cont'd)	Raju (F. Wrenn)	<ul style="list-style-type: none">• 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)• Checking radiances for differences. (Wrenn)	

Table 5. November 28, 2012 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none"> • Updated PRDB with feedback from e2e testing. (Grune) • Updated Web interface with feedback from e2e testing. (Heckert) • Monitored e2e testing. Prepared e2e status review presentation for meeting with SIT. (Coleman)
CERES Websites (Kizer)	<ul style="list-style-type: none"> • CWG Website revealed only one file needed changing for a clean scan. All of the xfs insertions were scanned with no issues reported. A rescan of the CWG Website was requested on Monday November 19. (Kizer) • On the CERES Website, all links to the SSF Level2 Ordering Tool were updated. (Kizer) • Working with Phil Hess to get the PAPS site rescanned on the earth-www domain. (Kizer) • Initiated contact with the SARB group to determine if the SARB working group site is still needed. Site is presently available to the public under asd-www. (Kizer)
CERES Ordering Tool (Chu/Mitrescu)	<ul style="list-style-type: none"> • Working on generating grid images for Clouds validation tool. (Chu) • Fixed/tested the bug which was caused by the connections to the geospatial DB not being properly closed. This patch is waiting for the system test. (Chu) • Working on a presentation about the hardware purchase and the future architecture of the ordering tool. (Chu) • Working on an AGU poster. (Chu) • Working with the ASDC to recover SVN on papasmurf. (Chu) • Worked with the ASDC to recover test environment on subset7. (Chu) • Re-generate SSF test files and differences between SSF and SSFlite for QC purposes. (Mitrescu) • Fix a problem with SYN1deg Zonal/Global data; identify and notify the user that downloaded the data. (Mitrescu) • Finished an AGU poster. (Mitrescu) • Continue to work on hdf read routines for 3-Hourly data. (Mitrescu)

Table 6. November 28, 2012 – NPP Issues

Activity	Status
FM5	<ul style="list-style-type: none">• Work to fix the issue with spikes in the NPP data will be worked after the updated CER1.4P3 is delivered in December. (Grepotis, Hess, Smith, Timcoe)• Started modifications to Science Working Agreement with SDS. (Miller)

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	
ERBE-like - 2	CER1.4P3	N	N	N/A	Devel	18	Devel	18	Devel	N	
	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	
	CER3.2P1	N	Y	16	Y	16	Y	16	Y	N	
Clouds 4.1-4	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/SOF A 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	Y	18	Y	18	Y	N	Ed3 daily post-processor
	CER4.5-6.4P1	N	Y	16	Y	18	Y	18	Y	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)
SARB - 5	CER4.5-6.5P4	N	Y	16	Y	18	Y	18	Y	N	IES-SSF Terra New PGE, Ed2 format
	CER4.5-6.5P5	N	Y	16	Y	18	Y	18	Y	N	IES-SSF Aqua New PGE, Ed2 format
	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
TISA Grid - 6	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
	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
TISA Avg - 7.1	CER6.3P1	N	Y	15	N	N/A	N	N	n/a	n/a	Ed2 only
	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

		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
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
TISA Avg - 10	CER9.4P3	N	N	N/A	Devel	18	N	N/A	N	N	New PGE for Edition4
	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	SGI	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".
	4.5-6.1P2,3, 2P2,4, 4P1, 5P4,5	Changed X86 statuses from "N" to "Devel".
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")
	5.0P2	Changed P6 and X86 statuses and new wrapper status from "Devel" to "SSI&T"
	4.1-4.1P6, 2P4, 2P5, 3P3 4.5-6.1P4,5, 2P3, 4P2 12.1P1	Changed P6 status and new wrapper status from "ValRx" to "Y" 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"
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"

Revisions:		
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"
11/28/2012	4.5-6.2P4, 4P1, 5P4,5	Changed P6 and X86 statuses and new wrapper status from "ValRx" to "Y"