

November 24, 2010 - System Issues and Status

**Table 1: Process Strategy/Coleman as of 11/24/10
Active Requests in order of priority as of 11/22/10**

| 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 1-09 | | NSIDC- NESDIS | EICE ESNOW 16 th mesh | 4.1-4.0P2 | Standing Request | |
| ** UPDATED * Standing requests AM- PR 6-05, 7- 05, and 1-10 to 4-10 | 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 | The ERBE-like PRs AM 1-10 thru 4-10 replace standing requests AM- 2-05 thru 5-05. |
| ** UPDATED * Standing requests PM-PRs 16-05, 18-05, 2-10, 4- 10, 6-10, 8-10 | 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 | The ERBE-like PRs PM 2-10, 4-10, 6-10, & 8-10 replace standing requests PM-PRs 17-05 & 15-05. |
| ** UPDATED * Standing requests PM-PRs 11-05 to 14-05 1-10, 3-10, 5-10, 7-10 | 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 | The ERBE-like PRs 1-10, 3-10, 5-10, & 7-10 replace standing requests PM-PRs 11-05 & 13-05 |
| M-PR 2-10 SCCR 753 | CERES | DAO-G5- CERES | MOA | 12.1P1 | Standing request | |

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|---|------------------|----------------------------|---------------------------|---|-------------------|--|
| PR 1-10 SCCR 753 | CERES | DAO-G5-CERES | PMOA | 9.1P1 | Standing request | |
| PRs 81-10, 73-10, 89-10 SCCRs 812, 791, 812 | FM3, FM4 | Edition3A | SSF | 4.5-6.5P5 4.5-6.2P4 4.5-6.4P1 | 11/30/07 – 3/1/10 | In Progress |
| PRs 105-10 thru 107-10 SCCR 789 | FM3, FM4 | Edition3A | SFC | 9.2P2 9.3P2 9.4P2 | 11/30/07 – 3/1/10 | In Progress |
| PRs 97-10 SCCR 794 | FM3, FM4 | Edition3A | SAH | 5.0P2 | 12/07 – 2/10 | Ready |
| PR in development | | Edition2A | GGEOW | 11.6P1 | 3/00 – 2/10 | Data file delivery in progress |
| PRs 86-10, 78-10, 94-10 SCCRs 786, 791, 690 | FM1, FM2 | Edition3A | SSF | 4.5-6.5P4 4.5-6.2P4 4.5-6.4P1 | 6/30/06 – 1/1/08 | Ready – pending disk space and opportunity |
| PRs 117-10 thru 119-10 SCCR 789 | FM1, FM2 | Edition3A | SFC | 9.2P2 9.3P2 9.4P2 | 9/30/05 – 3/1/10 | Pending further input |
| PR 101-10 SCCR 794 | FM1, FM2 | Edition3A | SAH | 5.0P2 | 10/05 – 2/10 | Pending further input |
| PRs 176-10 thru 182-10 (Excel Only) SCCRs 811, 791, 690, 789, 794 | Terra | Edition3A | SSF, SFC, SAH | 4.5-6.5P4 4.5-6.2P2 4.5-6.4P1 5.0P2 9.2P2, 9.3P2 9.4P2 | 3/00 – 10/05 | Pending promotion of SCCR 811, which is pending completion of PR 86-10 |
| PRs 82-10 thru 84-10, 74-10 to 76-10, 90-10 to 92-10 SCCRs 812, 791, 812 | FM3, FM4 | Edition3A | SSF | 4.5-6.5P5 4.5-6.2P4 4.5-6.4P1 | 7/02 – 12/07 | |

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|---|-------------------------------|----------------------------|-------------------------------|---|--|---|
| PRs 108-10 thru 113-10 SCCR 789 | FM3, FM4 | Edition3A | SFC | 9.2P2 9.3P2 9.4P2 | 7/02 – 12/07 | |
| PRs 98-10 thru 100-10 SCCR 794 | FM3, FM4 | Edition3A | SAH | 5.0P2 | 7/02 – 12/07 | |
| PRs 155-10 thru 161-10 | FM1, FM2, FM3, FM4 | Edition2 | BDS, IES, ES8, ES4, ES9 | | 3/2/10 – 7/1/10 | Ready |
| PR 46-09 | FM3 V005 MYD08 | Edition2D | CRS | 5.0P1 5.1P1 5.4P1 | 12/1/07 - 6/30/10 | Process 1 st month and wait for SS checkout |
| PR 45-09 SCCR 685 | FM3 | Edition2D | FSW | 6.1P1 6.2P1 6.3P1 | 12/1/07 - 6/30/10 | Pending input |
| PRs 53-10 thru 62-10 SCCRs 741, 690, and 685 | FM1, FM2 | Edition2G | SSF, SFC | Clouds, Inversion, TISA- Gridding SS9 | 3/2/10 - 7/1/10 | On hold pending inputs |
| PR 49-09 | FM3, FM4, MODIS V005 | Edition1C | SSFI | 4.1-4.1P5 4.1-4.2P3 4.1-4.2P2 4.1-4.3P2 | 11/30/07 – 3/1/10 7/1/10 | In progress NOTE: Priority will be lower for post-3/1/10 dates |
| PR 48-09 SCCR 690 | FM3, FM4 | Edition2D/ Ed2D-NoSW | SSF | 4.5-6.1P3 4.5-6.2P2 4.5-6.4P1 | 11/30/07 - 3/1/10 7/1/10 | In progress NOTE: Priority will be lower for post-3/1/10 dates |
| PR 47-09 SCCR 685 | FM3, FM4 | Edition2D/ Ed2D-NoSW | SFC | 9.2P1 9.3P1 9.4P1 | 11/30/07 - 3/1/10 7/1/10 | In progress NOTE: Priority will be lower for post-3/1/10 dates |
| PRs 9-10 thru 10-10 SCCR 650 | FM1, FM2 | Edition2E | SRBAVG | 10.0P1, 10.0P2 | 3/2000 – 10/05 | Pending ValR2 approval |
| PRs 7-10 thru 8-10 SCCR 650 | FM3, FM4 | Edition2B | SRBAVG | 10.0P1, 10.0P2 | 7/2002 – 10/05 | Pending ValR2 approval |

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|---|------------------|----------------------------|--|-------------------------|---|--|
| PRs 66/67/68-10, SCCR 781 | FM1 | Edition2G | CRS | 5.0P1 5.1P1 5.4P1 | 12/1/07 – 2/28/10 6/30/10 | Pending further input for 3/10 NOTE: Priority will be lower for post-3/1/10 dates |
| PRs 63/64/65-10 SCCR 685 | FM1 | Edition2G | FSW | 6.1P1 6.2P1 6.3P1 | 12/1/07 – 2/28/10 6/30/10 | Pending further input for 3/10 NOTE: Priority will be lower for post-3/1/10 dates |
| PR 184-10 Excel Version Only | FM3 | Edition3 | SCCD/ SCCN | 2.4P1 | 10/08 – 3/10 | Complete. 11/18/10 |
| <p>**** The PRs that follow cannot be processed until the PGEs have completed the delivery and pre-operational testing phases. ****</p> | | | | | | |
| PRs 164-10 thru 169-10 | Merged | Edition3A | TSI | 10.0P3, 7.3.1P1 | 7/02 - 2/10 | PRs pending review Delivered to <i>magneto</i> |
| PRs 173-10- 175-10, 183-10 (Excel Only) SCCR 804 | Merged | Edition3A | SYNI | 7.2.1P1 | 7/02 – 12/07 | Delivered. |
| PRs in development | Merged | Edition3A | SYN1deg- 3Hour/ M3Hour/ Month | 8.1P1 | 7/02 – 12/07 | Delivered. |
| PRs 16-10 SCCR 749 | CERES | ValR4x86- Ed3 | MOA | 12.1P2 | 7/04 | In Pre-Op testing |
| PR 15-10 SCCR 749 | CERES | ValR4p6-Ed3 | MOA | 12.1P2 | 7/04 | In Pre-Op testing |
| PR 37-10 SCCR 749 | CERES | ValR4x86- Ed2 | MOA | 12.1P1 | 7/04 | In Pre-Op testing |
| PR 36-10 SCCR 749 | CERES | ValR4p6-Ed2 | MOA | 12.1P1 | 7/04 | In Pre-Op testing |
| PRs 5-10 thru 6-10 SCCR 650 | FM1, FM2 | Edition2E | SRBAVG | 10.0P1, 10.0P2 | 11/05 – 12/09 | Pending GGEO input data and ValRx approval |

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| Production Request (PR) | Satellite | Production Strategy | Data Product (SS#) | PGEs | Data Dates | Special Status |
|--|-----------------------------|----------------------------|---------------------------|-------------------------------|-------------------------------|--|
| PRs 3-10 thru 4-10 SCCR 650 | FM3, FM4 | Edition2B | SRBAVG | 10.0P1, 10.0P2 | 11/05 – 12/09 | Pending GGEO input data and ValRx approval |
| PRs 136-09, 137-09 SCCR 746 | FM1, FM2, FM3, FM4 | Edition2A | ISCCP-D2like-Day/Nit | 9.0P1 | Launch thru 9/09 | Pending redelivery |
| PR 60-09 SCCR 653 | | Edition2A | GGEO | 11.1P10 | 11/05 – 2/40 12/07 | Cancel. 11/22/10 |
| PR 59-09 SCCR 653 | | Edition2A | GGEO | 11.2P2 | 11/05 – 2/40 12/07 | Cancel. 11/22/10 |
| PR 58-09 SCCR 653 | | Edition2A | GGEO | 11.6P1 11.4P1 | 11/05 – 2/40 12/07 | Cancel. 11/22/10 |
| PRs 135-10 thru 137-10 SCCRs 653, 787 | | Beta11 | GGEO | 11.1P10, 11.2P2, 11.4P1 | | Cancel. 11/22/10 |

Table 2. November 24, 2010 - System Issues and Status

| Activity | Lead | Status |
|---|-----------------------|--|
| SEC | Miller | <ul style="list-style-type: none"> No activity. (Miller) |
| CM/Documentation | Ayers (Saunders) | <ul style="list-style-type: none"> See Table 3 for the current CERES Subsystem Delivery Schedule and Table 4 for the current CERES Coefficients Delivery Schedule. (Ayers) See Table 5 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 5. (Ayers) The following Operator’s Manuals were updated, posted on the Web, and provided to the ASDC: TISA Gridding, ERBE-like, Synoptic SARB, and TISA Averaging. (Saunders) The Sample Read Package for SSF1deg and SYN1deg was provided to the ASDC. (Ayers) The updated PCF generator script was provided to the ASDC in response to Software Problem Report 129. (Ayers) The Edition3 spectral response function files for Aqua FM3 for March 1, 2010, were installed on <i>magneto</i> and <i>AMI-P</i> and provided to the ASDC on November 19. (Ayers) The Regrid MOA delivery (SCCR 749) on <i>AMI-P</i> is on hold pending delivery of new files from GMAO. Once the new files are available updated scripts will be provided to CM, and the delivery will be retested and re-released. (Ayers) Testing Instrument SCCRs 755, 756, and 770 on <i>AMI-P</i>. (Ayers) The Promoted Directories document was updated and provided to the ASDC. (Ayers) |
| <i>AMI</i> Job Submission Scripts – Phase 1 | Ayers (Grepitotis) | <ul style="list-style-type: none"> Development continues on the scripts for Clouds PGEs 4.1-4.1P6, 4.1-4.2P5, 4.1-4.2P4, and 4.1-4.3P3, TISA Gridding PGE 9.0P0, Inversion PGEs CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3 and CER4.5-6.4P2, and ERBE-like PGEs 3.1P1 and 3.2P1. (Grepitotis, Hillyer) |

**Table 3. CERES Subsystem Delivery Schedule – November 2010
(NPP Launch Date: October 18, 2011)**

| 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 (SCCR 755) | June 18 | July 2 In CM Queue | October 29 | Updates to PGE 1.1P8 for Terra/Aqua (Edition1-CV) and NPP . (C++) | | | <i>AMI-P6</i> |
| Instrument (SCCR 756) | January 29 | July 2 In CM Queue | October 29 | New C++ CER1.4P1 (formerly CER1.3P1) for Terra, Aqua, and NPP with AMI job submission scripts. | | X | <i>AMI-P6 & AMI-x86</i> |
| Instrument (SCCR 770) | June 25 | July 9 In CM Queue | October 29 | New C++ Gain Analyzer CER1.4P2 (Formerly CER1.3P2) for Terra, Aqua, and NPP . | | X | <i>AMI-P6 & AMI-x86</i> |
| TISA Gridding (SCCR 763) | October 15 | October 29 In CM Queue | November 5 | Beta1–Edition2 delivery of 2 new PGEs (CER9.0P2 & CER9.0P3) for new ISCCP-D2like-Mrg product. [All ISCCP-D2like HDF products will have the same format.] | | X | <i>AMI-P6</i> |
| TISA Averaging (SCCR 795) | October 29 | November 12 In CM Queue | November 19 | Edition3 SYN/AVG/ZAVG. PGE CER8.1P1. | | | <i>AMI-P6</i> |
| TISA Gridding (SCCR 816) | November 5 | November 19 In CM Queue | November 26 | Delta delivery of Aqua FM3 crosstrack files for 2002 and 2003. | | | <i>magneto-P4</i> |
| TISA Gridding (SCCR 818) | November 5 | November 19 In CM Queue | November 26 | Delta delivery to process 11.6P1 from July 2002 to February 2010. | | | <i>magneto-P4</i> |

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(NPP Launch Date: October 18, 2011)**

| Subsystem | Preliminary Delivery Memo to CM | Delivery to CERES CM | Release to Langley DAAC | Reason for Delivery | CERESlib Delivery Needed | New PGE(s) | Certified Platform(s) |
|---------------------------|---------------------------------|----------------------|-------------------------|---|--------------------------|------------|-----------------------------|
| Clouds (SCCR 809) | November 19 | December 3 | December 10 | Terra and Aqua Beta1-Edition4 . PGEs CER4.1-4.1P6, CER4.1-4.2P5, CER4.1-4.2P4, and CER4.1-4.3P3. | | | <i>AMI-P6</i> |
| GGEO | | December | | Beta1-Edition4 GGEO delivery. | | | AMI-P6 |
| TISA Gridding (SCCR 765) | November 19 | December 3 | December 10 | Beta1-Edition2 ISCCP-D2like-FlxDay/Nit (PGE CER9.0P0). | | X | <i>AMI-P6</i> |
| Inversion (SCCR 814) | December 24 | January 7 | January 14 | Terra and Aqua Beta1-Edition4 . PGEs CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3 and CER4.5-6.4P2. | | | <i>AMI-P6</i> |
| ERBE-like (SCCR 740) | January 7 | January 21 | January 28 | Delivery of all ERBE-like PGEs to <i>AMI</i> . (Edition2/Edition3) | | | <i>AMI-P6</i> |
| Instrument | | March 2011 | | Build corrects all NPP errors found so far. Last Build before launch freeze date. Might not be needed. Includes pre-processor. | | | AMI-P6 |
| Instantaneous SARB | | Spring 2011 | | Beta1-Edition4 CRS. | | | AMI-P6 & AMI-x86 |
| Instrument (SCCR 641) | | ??? | | Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1. | | X | <i>magneto-P4</i> |

SCF Processing

| Subsystem | Reason for Delivery | SCF Platform |
|---------------------------|---|---------------|
| TISA Averaging (SCCR 766) | SRBAVG-nonGEO Beta2-Edition3 . New PGE CER10.1P1 for the subsetter code. | <i>AMI-P6</i> |

Table 4. CERES Coefficients Delivery Schedule – November 2010

| Subsystem | Preliminary Delivery Memo to CM | Delivery to CERES CM | Release to Langley DAAC | Reason for Delivery | Certified Platform(s) |
|-----------|---------------------------------|---------------------------------|-------------------------|---------------------|-----------------------|
| | | Nothing scheduled at this time. | | | |

Table 5. SCCR Activity November 8 at 6:00 p.m. – November 22 at 8:00 p.m.

| SCCR | S | U | A | C | D | SS | Page No. | Comments |
|-------------|----------|----------|----------|----------|----------|----------------|-----------------|-----------------|
| 795 | | X | | | | TISA Averaging | 11 | |
| 815 | | | | X | | TISA Averaging | | |
| 816 | X | | X | | | TISA Gridding | 14 | |
| 817 | | | | | | TISA Gridding | 15 | |
| 818 | X | | X | | | GGEO | 16 | |

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

CERES Software Configuration Change Request Submittal

=====

Subsystem: TISAavg8.0

SCCR Date: 07/06/2010

SCCR Number: 795

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Req#8.26 Deliver existing code from Magneto Edition 2 version of tisa_avg SYN/AVG/ZAVG (subsystem 8) on AMI-P as Edition 3.

The code itself will not have any changes but the generation of the pcf file will be updated to a one step process as required by

CERES_SB_10-01

Reason for Change (non-Science):

The delivery will include all the necessary changes to support Bulletin, CERES_SB_10-01 per request from Jonathan Gleason.

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:

CER8.1P1

Estimated Time to Complete Change: 8 days

Planned Delivery Date: Aug 27, 2010

List Affected Subsystems and PGE Names: None

Date: 07/19/2010 Status: Approved

Originator: LOCK, BETTY J. (SSAI)

=====

ADDITIONAL CHANGES TO SCCR NO. 795:

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Parameter Change: () YES (X) NO

Description of Change (Science):

Corrected the following parameters:

Untuned Clear sky longwave up

Untuned clear sky window up

mean cloud visible optical depth - adjusted mean cloud fractional area - adjusted mean cloud

effective temperature -adjusted

Reason for Change (Science):

Correct parameter values.

Description of Change (non-Science):

Req#8.26 Deliver existing code from Magneto Edition 2 version of tisa_avg SYN/AVG/ZAVG (subsystem 8) on AMI-P as Edition 3 with corrections as noted above.

The generation of the pcf file will be updated to a one step process as required by CERES_SB_10-01 and execution will support the SGE batch tools.

Removed obsolete code and improved the performance.

To use the new directory structure and naming conventions.

Changed the HDF output files from space-time to time-space. The data previously provided in the AVG and ZAVG files are now provided in the CER_SYN1deg-Month and CER_SYN1deg-3Hour files. Please see the Data Product catalog for details.

Reason for Change (non-Science):

Initial delivery to AMI

The delivery will include all the necessary changes to support Bulletin, CERES_SB_10-01 per request from Jonathan Gleason.

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 Months
Planned Delivery Date: 11/18/10
List Affected Subsystems and PGE Names: N/A

Date & Time: 2010-11-18 11:28:01

Originator: LOCK, BETTY J. (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: TISAgrid9.0 SCCR Date & TIME: 2010-11-18 09:35:13 SCCR No.: 816

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement#: 9-2.12

Delta Delivery

Updated Aqua_xtrkHourly_2002 and Aqua_xtrkHourly_2003 ancillary files to prefer FM3 data for the processing hour when both instruments are in 100% cross-track scan mode.

Reason for Change (non-Science):

Requirement#: 9-2.12

Delta Delivery

TISA science members have requested this change.

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:

CER9.2P2

Estimated Time to Complete Change: Completed

Planned Delivery Date: November 18, 2010

List Affected Subsystems and PGE Names: SS9 : PGE CER9.2P2

Originator: RAJU, RAJA (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: TISAGrid9.0 SCCR Date & TIME: 2010-11-18 09:45:28 SCCR No.: 817

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement #: 9-4.5

Sample Read Package to support Terra and Aqua Edition3A SFC products.

See SCCR 789 for details.

Reason for Change (non-Science):

Requirement #: 9-4.5

Sample Read Package is required for these products.

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: 1 week

Planned Delivery Date: December 3, 2010

List Affected Subsystems and PGE Names: None

Originator: RAJU, RAJA (SSAI)

CERES Software Configuration Change Request Submittal

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Subsystem: GGEO

SCCR Date & TIME: 2010-11-19 11:02:48 SCCR No.: 818

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Requirement #: 11.6-30

Ascii input files for PGE 11.6P1 to process from 07/2002 - 02/2010 Edition2A GGEO on Magneto (P4).

Reason for Change (non-Science):

Requirement #: 11.6-30

The months that showed bad scan data on the GGEO products need to run through PGE 11.6P1 to set the bad data to defaults and rewrite the product as GGEO.W.

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:

11.6P1

Estimated Time to Complete Change: Completed

Planned Delivery Date: November 18, 2010

List Affected Subsystems and PGE Names: N/A

Originator: RAJU, RAJA (SSAI)

Table 6. November 24, 2010 - Subsystem Issues and Status

| SS No. | SS Lead | Status | Problems |
|----------------|---------------------|--|----------|
| Toolkit Issues | (Hillyer) | <ul style="list-style-type: none"> • HDF4 library issue resulting in segmentation faults on Power6 has discovered with the BDS compressor. Bob Grandle has implemented the fix to resolve this issue on both <i>AMI</i> and <i>AMI-P</i>. (Hillyer) • Continuing work to build a test version of the TK5.2.17v1 for each platform (<i>x86 & P6</i>) on <i>AMI</i>. (Hillyer) | |
| 1.0 | Cooper (Grepitotis) | <ul style="list-style-type: none"> • Continue answering questions and responding to problem reports related to SCCRs #716, #747 and #755 on <i>AMI-P</i>; issues related to an update that was missed when the Toolkit was rebuilt was uncovered. The P6 version of the BDS compression program stopped working due to an issue with the recompiled TK/HDF4 libraries, where a necessary update was missed. A problem with the PCF generator for CER1.1P1 was discovered and fixed for SCCR #716. (Cooper) • Continuing work to move all of the Instrument validation code over to <i>AMI</i> from SPG10. Most of the updates are script related, in an effort to convert the existing C-shell scripts into Perl and make them more compatible with the scripts used for production processing. (Cooper, Snyder) | |
| 2.0 | Walikainen (Lande) | <ul style="list-style-type: none"> • Continuing to examine QC checker email generated during production. (Walikainen) • Continuing to inspect ERBE-like Aqua and Terra output plots. (Walikainen) • Continuing to convert the CER2.1P1 pcf generator to PERL; this is part of the SCCR-740 delivery to <i>AMI</i>. (Walikainen) • Provided error analysis of unfiltering coefficients generated by candidate FM6 LW filter. (Walikainen) • Provided ES8s and analysis to "resolve" Terra/Aqua Edition3 trend in nighttime LW radiances. (Walikainen) | |

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| SS No. | SS Lead | Status | Problems |
|--------|--|--|----------|
| 2.0 | Walikainen (Lande) (Continued) | <ul style="list-style-type: none"> • With Edition3 SCCs (Spectral Correction Coefficients) becoming available [ASDC_archive/CERES/SCCD/] this is a good time to remind users of overlap SCCs. Recently delivered FM1 and FM2 SRFs (Spectral Response Functions) go from the beginning-of-mission to Feb-10 and are used to generate SCCs. To generate 3/1/10 overlap data, which may require Mar-10 SCCs, the SRFs input for Mar-10 SCCs were extrapolated from Jan-10 and Feb-10 SRFs. This extrapolation is a good guess since SRF degradation has been minimized with cross-track only operations. However, these Mar-10 SCCs may be superseded with our next SRF delivery (Mar-10 to ??). (Walikainen) • The ERBElke snow executable does not work on AMI. This code is part of CERESLIB and used by CLOUDS. Sunny has suggested a resolution: "...They might just have to recompile EOS HDF with correct compilation option...". (Walikainen) • Compared the recently created Edition3 FM3 SCCs (Oct-08 to Feb-10) with my test versions. They are numerically identical. Mar-10 uses Feb-10 Edition3 SRFs. (Walikainen) • Completed modifications/additions to CER2.2P1 scripts/codes for AMI delivery (SCCR 740). Tested all Test Plan configurations (FM1-5/Ed1-3) successfully and checked results (expected output). Began work on CER2.3P1, with a perl version of the run script. (Lande) • Continued work on ERBE-like PRs: created 184-10 and helped resolve date issues with 160/161-10. (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 changes to 1P6, 2P4, 2P5, and 3P3 sections of Clouds Operators Manual and Clouds Test Plan documents. (Smith) • Copied, modified, and performed testing on Clouds Validation software. (Smith) | |

Table 6. November 24, 2010 - Subsystem Issues and Status

| SS No. | SS Lead | Status | Problems |
|---------------|--|--|-----------------|
| 4.1 | Sun-Mack (Brown) (Continued) | <ul style="list-style-type: none"> • Copied some Clouds code and began testing compilations and running. (Smith) • Working on moving NEWS QC plot perl scripts to earth-www (<i>lposun</i>) from <i>snowdog</i>. (Heckert) • Attended 2 more meetings to give input on the database design for the Product Request Database Tool. (Heckert) • Worked on updating SSF results. Zonal statistics and plots for Terra Edition2B (200003 - 200607) and Terra Edition2F (200605 -200712) were processed and posted on the Web. SSF global images were produced for Aqua Edition2B (200207 - 200604), Aqua Edition2C (200605 - 200712) and Aqua Edition 2D (200801 - 201002). Results were posted on the Web. (R. Brown) • Processed FLASHFlux QC results for Aqua and Terra for 201010. Results were posted on the Web. Updated FLASHFlux web scripts. (R. Brown) • Processed Ed4 QC results and difference for Ed2-QC. (R. Brown) • Continue modifying and testing the perl script of 1P6, 2P4, 2P5, and 3P3 for Edition4 Delivery. (Chen) • Generated several versions of Ed4 Cloud Retrieval images of Terra 20070707 data. Images can be viewed through google map. (Chen) • Regenerated the clear sky Startup Maps for 0.6, 1.6, and 2.1μm for Ed4 delivery. (Chen) • Processed 200801, 200807, and 200804 with NEWS ReIB1 version. (Chen) • Working on building a new dx package of Cylindrical Projection for pixel level data. (Gibson) | |

Table 6. November 24, 2010 - Subsystem Issues and Status

| SS No. | SS Lead | Status | Problems |
|---------------|--|---|-----------------|
| 4.1 | Sun-Mack (Brown) (Continued) | <p>Working on Edition 4 cloud retrieval algorithm, which includes:</p> <ul style="list-style-type: none"> • Found out the reasons for no cloud retrieval and implemented tests to re-classify cloud phase. (Sun-Mack) • For mis-identified areas, implemented tests to re-flag clouds back to clear. (Sun-Mack) • For un-reasonable clear sky input, implemented tests to re-set the clear sky and re-run. (Sun-Mack) • Implemented Jin's ocean reflectance models for 1.24, 2.23, and 1.6 μm. (Sun-Mack) • Revamped the clear sky updating scheme by separating snow-free and snow-cover. (Sun-Mack) • Interfaced with Inversion and SARB to provide a day of an Edition 4 clouds to Fred Rose to start working on SARB Edition4. (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"> • Determined NPP values for several routines in convolution source code and updated. (Antropov and Miller) (Edition4) • Cleaned the code, improved pole handling, and wrote documentation for the program to fill the point spread function for the footprint with MODIS albedo data. (Antropov) (Edition4) • Updated ssf_typdef with new variable names for ice radius and 1.24 cloud properties. (Miller) (Edition4) • Updated ssfa_typdef to reference Ed4. (Miller) (Edition4) • Updated convolution code to use new variable names. (Miller) (Edition4) • Pulled and created 19 months of Terra FM1 Daily QC files. (Miller) (Edition2) • Pulled and created 13 months of Aqua FM3 Daily QC files. (Miller) (Edition2) | |

Table 6. November 24, 2010 - Subsystem Issues and Status

| SS No. | SS Lead | Status | Problems |
|---------------|-------------------------------------|--|-----------------|
| 4.4 | Miller (Antropov) (Continued) | <ul style="list-style-type: none"> Worked on updating SSF_Reader on AMI. (Miller) (Edition2) | |
| 4.5 | Sothcott | <ul style="list-style-type: none"> Attended weekly SOFA working group meetings. (Sothcott) Ran two days of preliminary Edition4-Beta1 data offline for use in algorithm development for CRS. (Sothcott) Continued work on the Edition4-Beta1 delivery. (Sothcott) | |
| 4.6 | Sothcott | <ul style="list-style-type: none"> Combined with above. | |
| 5.0 | Caldwell (Coleman) | <ul style="list-style-type: none"> Finished SCF runs of FSW files requested by Charlock. (Caldwell) | |
| 7.2 | Caldwell (Coleman) | <ul style="list-style-type: none"> No new updates. (Caldwell) | |
| 12.0 | Caldwell (Coleman) | <ul style="list-style-type: none"> Modifying scripts and documents to reflect latest G5 name change. (Caldwell) | |
| 7.1 | Nguyen (Lock) | <ul style="list-style-type: none"> No new updates. (Nguyen) | |
| 8.0 | Nguyen (Lock) | <ul style="list-style-type: none"> Delivered SCCR 795 for AMI-P after Dave's review of results. (Lock) Submitted changes to the Test-Plan and Operator's Manuals. (Lock) | |
| 10.0 | Nguyen (Lock) | <ul style="list-style-type: none"> Validating the Lite data since Pam Mlynczak found anomaly in the all-sky albedo. (Nguyen) Working on updating SRBAVG code to produce non-GEO and GEO monthly, daily, and monthly-hourly SRBAVGS. (Nguyen) | |
| 6.0 | Raju (Nguyen) | <ul style="list-style-type: none"> No new updates. (Raju) | |
| 9.0 | Raju (Nguyen) | <ul style="list-style-type: none"> According to TISA science team decision, Aqua xtrack ancillary files are modified to prefer FM3 when both instruments are in 100% cross-track mode. (Brian, Raju) | |

Table 6. November 24, 2010 - Subsystem Issues and Status

| SS No. | SS Lead | Status | Problems |
|-----------------------|-------------------------------------|--|-----------------|
| 9.0 | Raju (Nguyen) (Continued) | <ul style="list-style-type: none"> • Made delta delivery (SCCR 816) and provided updated Aqua xtrack ancillary files for Edition3A SFC processing. (Raju) • Started processing 03/2000 – 02/2010 SSF data through PGEs 9.0P2 and 9.0P3 to generate ISCCP-D2like-Mrg product at the SCF. (Raju) | |
| 11.0 | Raju (Nguyen) | <ul style="list-style-type: none"> • Working with Michele Nordeen and processed one month of 01/2010 G-12 data through CER11.2P2 successfully. Started validating the outputs. (Raju) • Made delta delivery (SCCR 818) to process 07/2002 – 02/2010 GGEO product through PGE CER11.6P1 on <i>magneto</i> (P4). • As per Dave Doelling’s decision, 11/2005 – 02/2010 GGEO files generated on <i>AMI</i> (P6) were made available to the ASDC. (Raju) | |
| CERES-lib or Perl_Lib | Magill | <ul style="list-style-type: none"> • Reviewed Perl POD doc., test files, and libraries. Identified a couple of errors and made suggestions for additional testing/docs. (Ron Parrish) | |

Table 7. November 24, 2010 – DM Tasks

| Activity | Status |
|---|--|
| Code Optimization (Coleman) | <ul style="list-style-type: none">• No new updates. (Coleman) |
| Production Processing Database/Automation (Coleman) | <ul style="list-style-type: none">• Developing initial test plan/cases; updating the Operational Concept Doc. (Ron Parrish)• Publicly distributed PRs in spreadsheet format. (Coleman)• Populating PR database with test data for use by application developers. (Grune) |
| Ordering Tool (Kizer) | <ul style="list-style-type: none">• Completed prototype for the redesign of the CERES Ordering Tool order page, now working on incorporating the changes into the existing code for the order page. (Heckert) |

Table 8. November 24, 2010 – NPP Issues

| Activity | Status |
|----------|--|
| FM5 | <ul style="list-style-type: none"><li data-bbox="472 296 1198 327">• Attended GRAVITE requirement workshop. (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 | Comments |
| Instrument - 1 | CER1.0P1 | N | N | N/A | N | N/A | N | N/A | n/a | Will comply with all the latest whenever delivered |
| | CER1.0P2 | N | N | N/A | SSI&T | 16 | SSI&T | 16 | SSI&T | C++ RDR Pre-Processor |
| | CER1.1P1 | Y | N | N/A | N | N/A | SSI&T | 16 | SSI&T | To be disabled when C++ working- CER1.1P8 |
| | CER1.1P3 | Y | N | N/A | N | N/A | SSI&T | 16 | SSI&T | To be disabled when C++ working- CER1.1P8 |
| | CER1.1P5 | Y | N | N/A | N | N/A | SSI&T | 16 | SSI&T | To be disabled when C++ working- CER1.1P8 |
| | CER1.1P7 | SSI&T | N | N/A | N | N/A | Y | 16 | Y | Ada NPP |
| | CER1.1P8 | N | N | N/A | SSI&T | 16 | Devel | 16 | SSI&T | C++ NPP, Terra, Aqua |
| | CER1.2P1 | Y | N | N/A | SSI&T | 16 | SSI&T | 16 | SSI&T | C code, NPP capable. |
| | CER1.3P1 | Y | N | N/A | N | N/A | SSI&T | 16 | SSI&T | Replace with CER1.4P1 on P6 |
| | CER1.3P2 | Y | N | N/A | N | N/A | SSI&T | 16 | SSI&T | Replace with CER1.4P2 on P6 |
| | CER1.3P3 | Y | N | N/A | N | N/A | SSI&T | 16 | SSI&T | Replace with CER1.4P3 on P6 |
| | CER1.4P1 | N | N | N/A | SSI&T | 16 | SSI&T | 16 | SSI&T | |
| | CER1.4P2 | N | N | N/A | SSI&T | 16 | SSI&T | 16 | SSI&T | |
| CER1.4P3 | N | N | N/A | Devel | 16 | Devel | 16 | N | | |
| ERBE-like - 2 | CER2.1P1 | Y | Y | 16 | Devel | 16 | Devel | 16 | N | |
| | CER2.2P1 | Y | Y | 15 | Devel | 16 | Devel | 16 | N | Compile HDF with TK 15, run with TK 16 |
| | CER2.3P1 | Y | Y | 16 | Devel | 16 | Devel | 16 | N | |
| | CER2.3P2 | Y | Y | 16 | Devel | 16 | Devel | 16 | N | |
| | CER2.4P1 | Y | Y | 16 | Devel | 16 | Devel | 16 | N | |
| ERBE-like - 3 | CER3.1P1 | Y | Y | 16 | Devel | 16 | Devel | 16 | N | |
| | CER3.2P1 | Y | Y | 16 | Devel | 16 | Devel | 16 | N | |

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 | Comments |
| Clouds 4.1-4 | CER4.1-4.0P1 | Y | N | N/A | N | N/A | N | N/A | n/a | |
| | CER4.1-4.0P2 | N | Y | 15 | N | N/A | N | N/A | n/a | Migration to AMI not in near future |
| | CER4.1-4.1P4 | Y | ValRx | 16 | N | N/A | N | N/A | n/a | warlock version recompiled for 2008 Edition2, Possibly use P4 for 3/10 forward |
| | CER4.1-4.1P5 | Y | Y | 16 | N | N/A | N | N/A | n/a | warlock version recompiled for 2008 Edition2, Use P4 for 3/10 forward |
| | CER4.1-4.1P6 | N | Y | 16 | Devel | 16 | N | N/A | N | Beta2-Ed3 (P4), Ed4 (P6), Migration to X86 not in near future |
| | CER4.1-4.2P2 | Y | Y | 15 | N | N/A | N | N/A | n/a | Ed2 |
| | CER4.1-4.2P3 | Y | Y | 15 | N | N/A | N | N/A | n/a | Ed2 |
| | CER4.1-4.2P4 | N | Y | 16 | Devel | 16 | N | N/A | N | Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future |
| | CER4.1-4.2P5 | N | Y | 16 | Devel | 16 | N | N/A | N | Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future |
| | CER4.1-4.3P2 | Y | Y | 15 | N | N/A | N | N/A | n/a | Ed2 |
| CER4.1-4.3P3 | N | Y | 16 | Devel | 16 | N | N/A | N | Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future | |
| Inversion/SOF A 4.5-6 | CER4.5-6.1P2 | Y | ValRx | 16 | N | N/A | N | N/A | n/a | Ed2 Terra Main |
| | CER4.5-6.1P3 | Y | Y | 15 | N | N/A | N | N/A | n/a | Ed2 Aqua Main |
| | CER4.5-6.1P4 | N | Y | 16 | Devel | 16 | Devel | 16 | N | Terra Main Ed4 version of 1P2 |
| | CER4.5-6.1P5 | N | Y | 16 | Devel | 16 | Devel | 16 | N | Aqua Main Ed4 version of 1P3 |
| | CER4.5-6.2P2 | Y | Y | 15 | N | N/A | N | N/A | n/a | Ed2/Ed3 subsetter |
| | CER4.5-6.2P3 | N | Y | 16 | Devel | 16 | Devel | 16 | N | Subset postproc for Terra and Aqua (Ed4 version of 2P2) |
| | CER4.5-6.2P4 | N | Y | 16 | N | N/A | N | N/A | N | Ed3 daily post-processor |
| | CER4.5-6.3P2 | Y | SSI&T | 16 | N | N/A | N | N/A | n/a | Edition2 to <i>magneto</i> Terra alternate |
| | CER4.5-6.3P3 | Y | Y | 15 | N | N/A | N | N/A | n/a | Edition2 to <i>magneto</i> |
| | CER4.5-6.4P1 | Y | Y | 15 | N | N/A | N | N/A | n/a | Edition2 to <i>magneto</i> |
| | CER4.5-6.4P2 | N | Y | 16 | Devel | 16 | Devel | 16 | N | Monthly validation site (Ed4 for 4P1) |
| | CER4.5-6.5P2 | N | N | N/A | N | N/A | N | N/A | n/a | IES-SSF Terra New PGE, Ed4 format |
| | CER4.5-6.5P3 | N | N | N/A | N | N/A | N | N/A | n/a | IES-SSF Aqua New PGE, Ed4 format |
| | CER4.5-6.5P4 | N | Y | 16 | N | N/A | N | N/A | n/a | IES-SSF Terra New PGE, Ed2 format |
| CER4.5-6.5P5 | N | SSI&T | 16 | N | N/A | N | N/A | n/a | IES-SSF Aqua New PGE, Ed2 format | |
| CER4.5-6.6P2 | Y | N | N/A | N | N/A | N | N/A | n/a | Edition2 | |
| CER4.5-6.6P3 | Y | Y | 15 | N | N/A | N | N/A | n/a | Edition2 to <i>magneto</i> | |

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 | Comments |
| SARB - 5 | CER5.0P1 | Y | Y | 15 | N | N/A | N | N/A | n/a | Ed2 only |
| | CER5.0P2 | N | Y | 15 | N | N/A | N | N/A | n/a | Ed2 only for now, Ed3 version requires delta delivery |
| | CER5.1P1 | Y | Y | 16 | N | N/A | N | N/A | n/a | Ed2 only |
| | CER5.1P2 | N | ValRx | 16 | N | N/A | N | N/A | n/a | Ed2 only |
| | CER5.1P3 | N | N | N/A | Devel | 16 | Devel | 16 | N | New PGE - Edition4 Main for Terra and Aqua |
| | CER5.4P1 | Y | Y | 15 | N | N/A | N | N/A | n/a | Ed2 only |
| TISA Grid - 6 | CER6.1P1 | Y | Y | 15 | N | N/A | Devel | 16 | n/a | |
| | CER6.1P2 | N | N | N/A | N | N/A | N | N/A | n/a | New PGE for Edition4 |
| | CER6.2P1 | Y | Y | 15 | N | N/A | N | N/A | n/a | Ed2 only |
| | CER6.2P2 | N | N | N/A | Devel | 16 | Devel | 16 | n/a | New PGE for Edition4 |
| | CER6.3P1 | Y | Y | 15 | N | N/A | N | N | n/a | |
| TISA Avg - 7.1 | CER6.3P2 | N | N | N/A | Devel | 16 | Devel | 16 | n/a | New PGE for Edition4 |
| | CER7.1.1P1 | N | Y | 15 | N | N/A | N | N/A | n/a | |
| SARB - 7.2 | CER7.3.1P1 | N | SSI&T | 16 | SSI&T | 16 | N | N/A | SSI&T | New PGE for Edition3 |
| | CER7.2.1P1 | N | Y | 16 | N | N/A | SSI&T | 16 | SSI&T | P4 only Ed2 for now, X86 for Ed2 and Ed3 |
| TISA Avg - 8 | CER8.1P1 | N | Y | 15 | SSI&T | 16 | N | N/A | SSI&T | Migrate to AMI for Ed3 |
| TISA Grid - 9 | CER9.0P1 | N | Y | 15 | N | N/A | N | N/A | n/a | Ed2 only |
| | CER9.0P2 | N | N | N/A | SSI&T | 16 | N | N/A | SSI&T | ISCCP-D2like-MRG Pre-processor |
| | CER9.0P3 | N | N | N/A | SSI&T | 16 | N | N/A | SSI&T | ISCCP-D2like-MRG Main-processor |
| | CER9.1P1 | Y | Y | 15 | Devel | 16 | Devel | 16 | N | |
| | CER9.2P1 | Y | Y | 15 | N | N/A | N | N/A | n/a | Ed2 only |
| | CER9.2P2 | N | SSI&T | 16 | N | N/A | N | N/A | n/a | New PGE for Edition3 |
| | CER9.3P1 | Y | Y | 15 | N | N/A | N | N/A | n/a | Ed2 only |
| | CER9.3P2 | N | SSI&T | 16 | N | N/A | N | N/A | n/a | New PGE for Edition3 |
| | CER9.4P1 | Y | Y | 15 | N | N/A | N | N/A | n/a | Ed2 only |
| TISA Avg - 10 | CER9.4P2 | N | SSI&T | 16 | N | N/A | N | N/A | n/a | New PGE for Edition3 |
| | CER10.0P1 | N | SSI&T | 16 | N | N/A | N | N/A | n/a | |
| | CER10.0P2 | N | SSI&T | 16 | N | N/A | N | N/A | n/a | |
| | CER10.0P3 | N | SSI&T | 16 | SSI&T | 16 | N | N/A | SSI&T | New PGE for Edition3 |

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 | Comments |
| GGEO - 11 | CER11.1P10 | N | Y | 16 | Devel | 16 | Devel | 16 | N | |
| | CER11.2P2 | N | Y | 16 | Devel | 16 | Devel | 16 | N | |
| | CER11.4P1 | N | Y | 16 | Devel | 16 | Devel | 16 | N | |
| | CER11.6P1 | N | Y | 16 | Devel | 16 | Devel | 16 | N | |
| | CER11.7P1 | N | Y | 16 | Devel | 16 | Devel | 16 | N | |
| Regrid MOA - 12 | CER12.1P1 | Y | Y | 16 | SSI&T | 16 | SSI&T | 16 | SSI&T | |
| | CER12.1P2 | N | Y | 16 | SSI&T | 16 | SSI&T | 16 | SSI&T | |

| 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 |

| Table 2: CERES Product Current Events Status Table | | | |
|--|---------------------------|-----------------------------------|--|
| Table 2 - CERES Data Products | | | |
| 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 | Y |
| FSW | TISA-Gridding | Archival | Y |
| SYN | TISA-Averaging | Archival | Y |
| AVG | TISA-Averaging | Archival | Y |
| ZAVG | TISA-Averaging | Archival | Y |
| SFC | TISA-Gridding | Archival | Y |
| 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 | ValRx | N/A |
| APD | SARB | Ext. Input | N/A |
| GAP | SARB | Ext. Input | N/A |
| MWH | SARB | Ext. Input | N/A |
| OPD | SARB | ValRx | 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 | Revision Made |
| 1/12/2010 | All | Moved PGEs with status of "Deleted" or "Disabled" to new sheet as Table 3 |
| | CER2.1P1, CER2.4P1 | Changed Planned Update status from SSI&T to ValRx |
| | CER2.2P1 | Corrected Planned Update status from SSI&T to Developing |
| | CER2.3P1,2 | Changed TK Version for Planned Update from 15 to 16 |
| | CER 4.1-4.0P2, CER4.1-4.1P4,5, CER4.5-6.1P4,5, CER4.5-6.2P3, CER4.5-6.4P2 | Changed Current Production Status from SSI&T to Active |
| | CER6.xP2 | New PGEs added to Table 1 |
| | CER12.1Px | Changed Planned Update Status to SSI&T, Changed Current Production Status TK version from 15 to 16 |
| 2/16/2010 | CER1.4Px, CER5.1P3 | Added |
| | All | Moved new PGEs in development from Current to Planned columns |
| | CER5.1P2, CER5.4P2, CER5.0P2 | Changed Current Production Status from SSI&T to Active |
| | All | Added TK version for P6 |
| 3/1/2010 | CER4.1-4.1P4, CER4.1-4.2P2, CER4.1-4.2P3, CER4.1-4.3P2, CER4.5-6.1P2 | Changed current platforms from "W" to "W, P4", and removed "P4" and "ValRx" from planned update columns |
| | CER7.2.1P1 | Changed current status from "ValRx" to "Active" |
| 3/11/2010 | CER12.1Px | Changed Planned Update status back from SSI&T to Developing due to the newly identified requirement for new wrapper scripts on AMI |
| | CER9.1P2 | Removed from list |
| | CER9.0P2, CER9.0P3 | Added to list |
| | CER1.0P2, CER11.10P1, CER11.2P2, CER11.4P1, CER11.6P1 | Changed Planned updated status from Developing to SSI&T |
| | CER4.1-4.3P2 | Changed P4 from planned to currently active |
| | CER1.1P7,8 | Moved from current status columns to planned updated columns |
| 3/30/2010 | All PGEs | Added column for "New" AMI wrapper scripts |
| | Table 2 - Products CRS, FSW, and SFC | Changed URL Sample Read README status from "N" to "Y" |
| | CER1.4P1, CER9.2P2, CER9.3P2, CER9.4P2 | Changed Planned Update status from Developing to SSI&T |
| 4/13/2010 | CER1.1P7, CER12.1Px | Changed Wrapper Script Status from "N" to "InProg" |
| | CER2.2P1, CER2.3Px | Changed Planned Updated Status from "Developing" to "SSI&T" |
| | CER4.1-4P5 | Moved from a Current Production status of Active on P4 to a Planned update status of Developing on P4 |

| Revisions: | | |
|------------|------------------------------------|---|
| Date | Affected Section or PGE/Product ID | Revision Made |
| 5/3/2010 | Many PGEs | Changed "New" Wrapper status from "N" to "n/a"; Changed Status and Platform for Planned updates to "n/a" for PGEs that are not expected to migrate to AMI |
| | CER1.1P8, CER1.3P2,3, CER1.4Px | Changed "new" Wrapper status from "N" to "InProg" |
| | CER1.4Px | Added X86 to planned update platform column |
| | CER4.1-4.1P4 | Changed Planned update status from "ValRx" to "SSI&T" and TK Ver to 16 |
| | CER4.5-6.2P2,4P1 | Added P4 to Current Prod Platform & removed P4 from Planned update columns |
| | CER5.4P2 | Changed current status from ValRx to Active |
| | CER10.0Px | Changed status from SSI&T to ValRx |
| | CER11.7P1 | Changed Planned update status to "SSI&T" and Planned Platform to P4 |
| 5/18/2010 | All | Replaced columns indicating active platforms with platform-specific status |
| 6/1/2010 | CER4.5-6.5P4, CER4.5-6.5P5 | New PGEs added to list |
| | CER4.5-6.5P2, CER4.5-6.5P3 | Changed P4 status from SSI&T to N |
| | Clouds and Inversion | Changed comments to indicate Edition4 instead of Edition3 |
| | CER9.x.P2 | Changed Platform information to indicate development status on P4 |
| 6/15/2010 | CER7.1.1P2, CER7.2.1P2, CER10.0P3 | New PGEs added to list |
| | CER1.1P7 | Changed Wrapper Script Status from "InProg" to "Y", changed X86 status to "Y" |
| | CER2.4P1 | Changed P4 status from "ValRx" to "Y" |
| | CER4.5-6.5P4, CER4.5-6.5P5 | Changed P4 status from "Devel" to "SSI&T" |
| | CER4.5-6.2P2 | Changed P4 status from "SSI&T" to "Y" |
| | CER1.4P3 | Changed "new" Wrapper status from "InProg" to "N" |
| 6/28/2010 | CER4.1-4.1P5, CER4.5-6.1P3 | Changed P4 status from "ValRx" to "Y" |
| | CER9.2P2, CER9.3P2, CER9.4P2 | Changed P4 status from "Devel" to "SSI&T" |
| 7/13/2010 | CER3.1P1, CER3.2P1 | Changed P4 status from "SSI&T" to "ValRx" |
| | CER6.1P2, CER6.2P2, CER6.3P2 | Changed P6 and X86 status form "Devel" to "N", Changed new wrapper status from "N" to "n/a" |
| | CER7.2.1P1 | Changed P6 and X86 status form "N" to "Devel", Changed new wrapper status from "n/a" to "N" |
| | CER7.2.1P2 | Changed P6 and X86 status form "Devel" to "N", Changed new wrapper status from "N" to "n/a" |
| | CER11.1P10, CER11.2P2 | Changed P4 status from "ValRx" to "SSI&T" |
| | Instrument PGEs | Changed Wrapper Script Status to mirror PGE source code statuses |
| | CER1.1P8, CER1.4P2 | Changed P6 and X86 status from "Devel" to "SSI&T" |

| Revisions: | | |
|------------|---|---|
| Date | Affected Section or PGE/Product ID | Revision Made |
| 7/26/2010 | CER4.5-6.2P4 | Added |
| | CER7.2.1, CER8.1P1 | Changed P6 status form "N" to "Devel", Changed new wrapper status from "n/a" to "Devel" |
| 8/10/2010 | CER1.0P2 | Changed P6, X86, and New wrapper script statuses from "Devel" to "SSI&T" |
| | CER10.0P3 | Changed "new" Wrapper status from "N" to "Devel" (correction) |
| | CER11.1P10 | Changed "new" Wrapper status from "Devel" to "N" (Correction) |
| | CER2.2P1, CER2.3Px | Changed P4 status from "SSI&T" to "ValRx" |
| 8/25/2010 | CER7.3.1P1, CER10.0P3 | Changed P4 status from "Devel" to "SSI&T" |
| | CER11.1P10, CER11.4P1 | Changed P4 status from "SSI&T" to "ValRx" |
| 9/7/2010 | CER4.5-6.2P4, CER4.5-6.5P4 | Changed P4 status from "SSI&T" to "Y" |
| 9/20/2010 | CER7.2.1P1 | Changed X86 status from "Devel" to "SSI&T" |
| | CER11.1P10, CER11.2P2, CER11.4P1, CER11.6P1 | Changed P4 status from "ValRx" to "Y" |
| | CER10.0P1, CER10.0P2 | Changed P4 status from "ValRx" to "SSI&T" |
| 10/4/2010 | CER2.2P1, CER2.3Px, CER2.3P1, CER2.3P2 | Changed P4 status from "ValRx" to "Y" |
| 10/18/2010 | CER7.3.1P1, CER10.0P3 | Changed P6 status from "Devel" to "SSI&T" |
| | CER7.2.1P1 | Changed X86 status from "Devel" to "SSI&T" |
| 11/1/2010 | CER12.1Px | Changed P6, X86, and New Wrapper Script statuses from "Devel" to "SSI&T" |
| 11/22/2010 | CER9.0P2, CER9.0P3 | Changed P6 status from "Devel" to "SSI&T" |
| | CER8.1P1 | Changed P6 status from "Devel" to "SSI&T" |

Table 3. CERES Disabled and Deleted PGEs
(Published in DMT Report Only When a PGE is Added to Table)

| Subsystem ID | PGE ID | Current PGE Production Status ¹ | Comments |
|-------------------------|--------------|--|------------------------------------|
| Instrument - 1 | CER1.1P2 | Disabled | Remain disabled |
| | CER1.1P4 | Disabled | Remain disabled |
| | CER1.1P6 | Disabled | Remain disabled |
| ERBE-like - 2 | | | |
| ERBE-like - 3 | CER3.2P2 | Disabled | |
| Clouds 4.1-4 | CER4.1-4.1P1 | Disabled | |
| | CER4.1-4.1P2 | Disabled | Collection 4 |
| | CER4.1-4.1P3 | Disabled | Collection 4 |
| | CER4.1-4.2P1 | Disabled | Collection 4 |
| | CER4.1-4.3P1 | Disabled | Collection 4 |
| | CER4.1-4.4P1 | Disabled | In Op Man, but not in FMP. Delete? |
| Inversion/SOFA 4.5-6 | CER4.5-6.1P1 | Disabled | Probably not to be reactivated |
| | CER4.5-6.2P1 | Disabled | Probably not to be reactivated |
| | CER4.5-6.3P1 | Disabled | Probably not to be reactivated |
| SARB - 5 | CER5.2P1 | Deleted | |
| | CER5.3P1 | Disabled | |
| TISA Grid - 6 | | | |
| TISA Avg - 7.1 | | | |
| SARB - 7.2 | | | |
| TISA Avg - 8 | CER8.2P1 | Deleted | Merged with CER8.1P1 |
| TISA Grid - 9 | | | |
| TISA Avg - 10 | CER10.1P1 | Disabled | Replace with CER10.0P2 |
| | CER10.1P2 | Disabled | Replace with CER10.0P1 |
| | CER10.2P1 | Deleted | |
| | CER10.3P1 | Deleted | |
| | CER10.1P3 | Disabled | |
| | CER10.1P4 | Disabled | Replace with CER10.0P2 for Terra |
| | CER10.1P5 | Disabled | Replace with CER10.0P1 for Terra |

Table 3. CERES Disabled and Deleted PGEs
(Published in DMT Report Only When a PGE is Added to Table)

| Subsystem ID | PGE ID | Current PGE Production Status ¹ | Comments |
|----------------|-----------|--|----------|
| GGEO - 11 | CER11.1P1 | Disabled | |
| | CER11.1P2 | Disabled | |
| | CER11.1P3 | Disabled | |
| | CER11.1P4 | Disabled | |
| | CER11.1P5 | Disabled | |
| | CER11.1P6 | Disabled | |
| | CER11.1P7 | Disabled | |
| | CER11.1P8 | Disabled | |
| | CER11.2P1 | Disabled | |
| | CER11.3P1 | Disabled | |
| | CER11.5P1 | Deleted | |
| Regrid MOA -12 | | | |